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土木構造物における加速度強震記録(No.12)

Strong-Motion Acceleration Records from Public Works in Japan (No. 12)

昭和62年1月

January 1987

建設省土木研究所

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Strong-Motion Acceleration Records from Public Works in Japan (No. 12)

昭和62年1月　　January 1987

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要旨

本彙報は，土木研究所が管理する加速度強震記録を地震発生年月日の順に掲載した第12巻めの資料である。この資料には，1985年1月から1985年12月までに発生した地震のうち，強震記録の得られた21地震89記録のデータを収録している。このうち7地震18記録54成分のデータについてはディジタル数値，ディジタル記録の再生波形及び応答スペクトル曲線等を網羅している。

キーワード：地震動，強震観測，土木構造物，加速度強震記録，耐震設計

Synopsis

This is the 12th report presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 89 records caused by 21 Earthquakes maesured between Jaunary 1985 and December 1985.54 components (18 records) caused by 7 Earthquakes are together with digitized values and linear response spectra of the records.

English explanation for foreign readers is Provided in Appendix 5 on page 422 .

Key Words: Earthquakes Motion, Strong Motion Earthquake Observation, Civil Engineering Structure, Strong Motion Acceleration Record, Earthquake Resistant Design

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1. 概　　説

建設省の土木関連施設における強震観測は，昭和32年度に近畿地方建設局が猿谷ダムにSMAC型強震計を設置し観測を開始したことに端を発している。それ以来，土木研究所では土木構造物及びその近傍の地盤の強震観測を推進し，地方建設局，関係公団，地方庁等の諸機関による強震観測とも合わせて，記録の収集，整理に当り，主要な記録は逐次刊行すると共に，特に重要な記録については数値化を行い現在までに多数の資料を刊行してきた。現在までに得られた強震記録は各種の調査，研究に広く利用され，土木構造物の耐震性の調査並びに耐震設計に活用されている。

現在までに刊行された資料の多くは，強震観測体勢と検索システムを除々に整備すると共に，記録の利用法を模索するなかで個々の強震記録の利用を図るという点に力点が置かれていたため，ややもすると統一した利用性を欠くきらいがあった。しかしながら，その後の強震観測体勢の整備及び採取された強震記録の解析によってもたらされた地震動と地震の規模あるいは地震動と地盤条件等の因果関係が少しづつ解明されると共に，耐震設計の中で強震記録の一層の利用を促進するためには，単に個々の地震動の記録のみならず，それが採取された地震の特性，同時に観測された他地点の記録等との関連をつけながら，より総合的に記録の利用を図る必要のあることが指摘されてきた。本資料はこのような強震記録を土木研究所が現在推し進めている地震動記録の総合検索システムの一環として位置づけ，整理した第12巻めの資料であり，1985年1月から1985年12月までに発生した地震のうち強震記録の得られた21地震89記録のデータを収録している。このうち，7地震18記録54成分のデータについては，ディジタル数値，ディジタル記録の再生波形及び応答スペクトル曲線を掲載している。

昭和61年度から本資料のフォーマットを従来のものと一部異なる形式に変更した。主要な変更点を以下に示す。

1. 収録した地震動記録の得られている地震について，気象庁発表の震度階震度図を掲載した。
2. 収録した地震動記録は，従来円弧補正及び中心軸補正までを行ったものであったが，さらに等時間間隔化を行い周波数領域において計器補正及び短，長周期成分のカットを行った記録とした。
（補正内容を付録－3に示す。）

現在までに本シリーズとしてTable 1に示す11冊が刊行されている。

Table 1　地震記録の刊行状況

番号	文　献　名	収　録　年	収録地震数	収録成分数	収録されている主要地震	発　行　年
1	土木構造物における加速度強震記録（No 1）　彙報第32号	1963. 1 ~ 1967. 9	18 地震	200 成分		昭和53年（1978年）3月
2	土木構造物における加速度強震記録（No 2）　彙報第33号	1978. 1 ~ 1978. 6	4 地震	60 成分	伊豆大島近海地震（1978. 1. 14）M＝7.0 宮城県沖地震（1978. 6. 12）M＝7.4	昭和53年（1978年）10月
3	土木構造物における加速度強震記録（No 3）　彙報第34号	1967. 9 ~ 1968. 10	15 地震	99 成分	日向灘地震（1968. 4. 1）M＝7.5 十勝沖地震（1968. 5. 16）M＝7.9	昭和53年（1978年）10月
4	土木構造物における加速度強震記録（No 4）　彙報第35号	1968. 10 ~ 1969. 12	12 地震	75 成分		昭和55年（1980年）3月
5	土木構造物における加速度強震記録（No 5）　彙報第36号	1970. 1 ~ 1971. 12	12 地震	97 成分		昭和55年（1980年）3月
6	土木構造物における加速度強震記録（No 6）　彙報第37号	1972. 1 ~ 1973. 12	10 地震	80 成分		昭和56年（1981年）7月
7	土木構造物における加速度強震記録（No 7）　彙報第38号	1974. 1 ~ 1975. 12	10 地震	83 成分	伊豆半島沖地震（1974. 5. 9）M＝6.9	昭和56年（1981年）3月
8	土木構造物における加速度強震記録（No 8）　彙報第41号	1976. 1 ~ 1977. 12 1979. 1 ~ 1980. 12	12 地震	93 成分		昭和57年（1982年）10月
9	土木構造物における加速度強震記録（No 9）　彙報第42号	1981. 1 ~ 1982. 12	9 地震	93 成分	浦河沖地震（1982. 3. 21）M＝7.1	昭和59年（1984年）1月
10	土木構造物における加速度強震記録（No 10）　彙報第43号	1983. 1 ~ 1983. 12	16 地震	168 成分	日本海中部地震（1983. 5. 26）M＝7.7	昭和60年（1985年）12月
11	土木構造物における加速度強震記録（No 11）　彙報第44号	1984. 1 ~ 1984. 12	12 地震	81 成分	長野県西部地震（1984. 9. 14）M＝6.8	昭和61年（1986年）2月

本資料に収録された地震記録は多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。本資料が広く利用され耐震設計の合理化に資することを望むものである。

2. 掲載地震諸元

Table 2 は，1985年に地震動記録が採取された地震の諸元を示すものである。Table 2 の項目を順を追って説明すると以下のとおりである。

Table 2 の項目	説　　明
SERIAL NUMBER	通し番号
EARTHQUAKE NUMBER	地震動記録が採取された地震の整理番号であり，地震の発生した年及びその年の地震発生順に付与した番号により構成される。
EPICENTRAL REGION	震央地名（気象庁地震月報より転記）
ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	発震時刻（気象庁地震月報より転記）（日本標準時）
EAST LONGITUDE	震央位置東経（度，分）（気象庁地震月報より転記）
NORTH LATITUDE	震央位置北緯（度，分）（気象庁地震月報より転記）
FOCAL DEPTH (KM)	震源深さ（km）（気象庁地震月報より転記）
MAGNITUDE (J. M. A. MAGNITUDE)	気象庁マグニチュード（気象庁地震月報より転記）

Table 2 EARTHQUAKE DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	EPICENTRAL REGION	ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	EAST LOGITUDE	NORTH LATITUDE	FOCAL DEPTH(KM)	MAGNITUDE (J.M.A.MAGNITUDE)
1	85001	NE WAKAYAMA PREF	1985.01.06,00:45	135 33	34 10	70	5.9
2	85002	SW IBARAKI PREF	1985.03.20,14:53	139 53	36 04	54	4.6
3	85003	NORTHERN MIYAGI PREF	1985.03.28,16:13	140 43	38 52	6	5.3
4	85004	NORTHERN AKITA PREF	1985.03.29,01:07	140 35	40 17	164	6.5
5	85005	NORTHERN OITA PREF	1985.04.05,16:25	131 34	33 31	118	5.3
6	85006	NEAR TORISHIMA IS	1985.04.11,01:26	139 17	29 57	415	6.8
7	85007	E OFF FUKUSHIMA PREF	1985.05.11,19:40	141 35	37 06	45	5.3
8	85008	SW EHIME PREF	1985.05.13,19:41	132 35	32 59	39	6.0
9	85009	CENTRAL CHIBA PREF	1985.06.08,01:29	140 14	35 32	64	4.8
10	85010	SE OFF SHIKOKU	1985.07.25,09:24	134 44	33 42	51	5.2
11	85011	E OFF FUKUSHIMA PREF	1985.07.29,03:05	141 14	37 03	52	4.7
12	85012	EASTERN FUKUSHIMA PREF	1985.07.29,04:33	140 41	37 18	90	5.5
13	85013	E OFF FUKUSHIMA PREF	1985.08.12,12:49	141 53	37 42	52	6.4
14	85014	SOUTHERN IZU PENINSULA	1985.10.18,03:58	138 45	34 43	18	3.4
15	85015	SE OFF SHIKOKU	1985.09.20,19:40	134 45	33 43	49	4.9
16	85016	NE SHIGA PREF	1985.10.03,20:57	135 51	35 10	1	5.1
17	85017	SE OFF BOSO PENINSULA	1985.10.04,06:28	140 59	34 48	64	5.6
18	85018	SOUTHERN IBARAKI PREF	1985.10.04,21:25	140 09	35 52	78	6.1
19	85019	EASTERN SAITAMA PREF	1985.10.17,22:06	139 52	35 52	67	4.5
20	85020	SOUTHERN BOSO PENINSULA	1985.11.06,00:30	140 14	35 21	63	5.0
21	85021	SW IBARAKI PREF	1985.11.22,13:17	139 58	36 01	52	4.9

3. 掲載地震動記録

本資料に加速度波形，応答スペクトル倍率図，加速度ディジタル数値を収録した地震動記録の一覧をTable 3に示す。Table 3には記録が採取された地震及び強震計の設置位置が併記されており，それぞれTable 2（掲載地震諸元）及びTable 4（強震計の作動状況）と対応するようになっている。

Table 3の項目を順を追って説明すると以下のとおりである。

Table 3の項目	説　　明
SERIAL NUMBER	通し番号
EARTHQUAKE NUMBER	地震動記録が採取された地震の整理番号であり，地震の発生した年及びその年の地震発生順に付与した番号により構成される。
INDEX NUMBER	地震動記録を数値化した整理番号
RECORD NUMBER	地震動記録が観測された観測所の番号（STATION NUMBER），強震計設置箇所を示す記号（INSTALLATION CONDITION）及び当該強震計で観測された何番目の記録であるかを示す番号（SEQUENCE NUMBER）より構成される。 強震計設置箇所を示す記号の意味は以下のとおりである。 GR ：地盤上の記録（Ground） PI ：橋脚上の記録（Pier） AB ：橋台上の記録（Abutment） G ：橋桁の記録（girder） FU ：橋脚基礎上の記録（footing） DA ：ダム本体の記録（Dam） ES ：河口堰の記録（Estuary Dam） GT ：水門の記録（gate） BK ：堤防上の記録（bank） TU ：トンネルの記録（tunnel） US ：地下構造物の記録（under ground structure） n.F or Bn.F ：建物の記録（building） ST ：その他の構造物の記録（structure）

Table 3の項目	説　　明
STATION NAME	観測所名
COMPONENT	地震動の振動方向を表わす。 LG ：構造物長軸方向（Longitude） U－D：上下方向（UP－Down） TR. 構造物長軸直角方向（Transverse） HA. 水平方向A成分（Horizontal Component A） HB. 水平方向B成分（Horizontal Component B）
MAXIMUM ACCELERATION VALUE（GAL）	地震動記録の最大加速度値（gal）
MAXIMUM ACCELERATION TIME（sec）	数値化した記録の最初から最大加速度の発生するまでの時間（sec）
DIGITIZED TIME（sec）	全数値化した記録の最初から最後までの時間（sec）
DATA POINT NUMBER	全データ数

Table 3 ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
1	85001	1094	112-GR-1-42	KINOKAWA BRIDGE	TR. (HA.)	25.0	7.52	29.64	2964
2	85001	1095	112-GR-1-42	KINOKAWA BRIDGE	U-D	-8.2	8.61	29.63	2963
3	85001	1096	112-GR-1-42	KINOKAWA BRIDGE	LG. (HB.)	-39.7	7.62	29.61	2961
4	85001	1097	312-GR-1-9	AKAGI BRIDGE	TR. (HA.)	-230.1	8.79	33.16	3316
5	85001	1098	312-GR-1-9	AKAGI BRIDGE	U-D	39.3	4.31	9.95	995
6	85001	1099	312-GR-1-9	AKAGI BRIDGE	LG. (HB.)	-120.4	7.74	33.13	3313
7	85004	1100	105-GR-1-18	MASAKI BRIDGE	TR. (HA.)	27.2	0.42	28.63	2863
8	85004	1101	105-GR-1-18	MASAKI BRIDGE	U-D	6.5	0.35	28.63	2863
9	85004	1102	105-GR-1-18	MASAKI BRIDGE	LG. (HB.)	-25.4	0.67	28.66	2866
10	85012	1103	907-GR-1-139	TAIRA BRIDGE	TR. (HA.)	39.8	0.19	29.80	2980
11	85012	1104	907-GR-1-139	TAIRA BRIDGE	U-D	18.6	0.69	29.33	2933
12	85012	1105	907-GR-1-139	TAIRA BRIDGE	LG. (HB.)	67.3	0.03	29.94	2994
13	85013	1106	712-GR-1-5	EDOGAWA EMB.	TR. (HA.)	49.3	3.08	15.69	1569
14	85013	1107	712-GR-1-5	EDOGAWA EMB.	U-D	8.4	6.42	15.69	1569
15	85013	1108	712-GR-1-5	EDOGAWA EMB.	LG. (HB.)	33.1	3.00	15.69	1569
16	85013	1109	907-GR-1-140	TAIRA BRIDGE	TR. (HA.)	43.0	12.61	67.16	6716
17	85013	1110	907-GR-1-140	TAIRA BRIDGE	U-D	-30.2	11.62	67.25	6725
18	85013	1111	907-GR-1-140	TAIRA BRIDGE	LG. (HB.)	48.5	10.42	66.46	6646
19	85014	1112	909-GR-1-2	KUMOMI BRIDGE	TR. (HA.)	60.2	3.66	10.46	1046
20	85014	1113	909-GR-1-2	KUMOMI BRIDGE	U-D	-30.1	3.61	10.48	1048
21	85014	1114	909-GR-1-2	KUMOMI BRIDGE	LG. (HB.)	-110.6	3.74	10.49	1049
22	85016	1115	401-G-1-7	BIWAKO BRIDGE	LG. (HA.)	105.4	1.81	91.00	9100
23	85016	1116	401-G-1-7	BIWAKO BRIDGE	U-D	-18.2	0.30	26.35	2635
24	85016	1117	401-G-1-7	BIWAKO BRIDGE	TR. (HB.)	-170.1	1.80	91.00	9100
25	85018	1118	101-GR-1-63	SHINKATSUSHIKA B	TR. (HA.)	-42.9	12.30	75.78	7578
26	85018	1119	101-GR-1-63	SHINKATSUSHIKA B	U-D	-14.4	13.39	75.70	7570
27	85018	1120	101-GR-1-63	SHINKATSUSHIKA B	LG. (HB.)	55.3	10.44	75.60	7560
28	85018	1121	106-GR-1-51	SOUKA BRIDGE	TR. (HA.)	-69.2	10.48	90.00	9000
29	85018	1122	106-GR-1-51	SOUKA BRIDGE	U-D	13.6	0.47	90.00	9000
30	85018	1123	106-GR-1-51	SOUKA BRIDGE	LG. (HB.)	106.7	11.14	90.00	9000
31	85018	1124	206-GR-1-46	OMIGAWA BRIDGE	TR. (HA.)	47.3	11.43	34.00	3400
32	85018	1125	206-GR-1-46	OMIGAWA BRIDGE	U-D	-15.6	10.11	34.00	3400
33	85018	1126	206-GR-1-46	OMIGAWA BRIDGE	LG. (HB.)	48.6	10.51	34.00	3400

Table 3 ACCELEROGRAM DATA LIST

SERIAL NUMBER	EARTHQUAKE NUMBER	INDEX NUMBER	RECORD NUMBER	STATION NAME OF STRACTURE	COMPONENT	MAXIMUM ACCELERATION VALUE(GAL)	MAXIMUM ACCELERATION TIME(SEC)	DIGITIZED TIME(SEC)	DATA POINT NUMBER
34	85018	1127	501-GR-1-124	FUTTSU CAPE	HA. (HA.)	-37.3	11.66	90.00	9000
35	85018	1128	501-GR-1-124	FUTTSU CAPE	U-D	-15.0	21.88	90.00	9000
36	85018	1129	501-GR-1-124	FUTTSU CAPE	HB. (HB.)	42.7	12.48	90.00	9000
37	85018	1130	503-GR-1-56	KANNONZAKI	HA. (HA.)	74.1	11.08	71.64	7164
38	85018	1131	503-GR-1-56	KANNONZAKI	U-D	22.3	13.18	71.56	7156
39	85018	1132	503-GR-1-56	KANNONZAKI	HB. (HB.)	-90.8	11.07	71.48	7148
40	85018	1133	712-GR-1-6	EDOGAWA EMB.	TR. (HA.)	69.9	10.20	33.98	3398
41	85018	1134	712-GR-1-6	EDOGAWA EMB.	U-D	-29.3	15.25	34.00	3400
42	85018	1135	712-GR-1-6	EDOGAWA EMB.	LG. (HB.)	73.9	9.12	34.00	3400
43	85018	1136	712-BK-1-13	EDOGAWA EMB.	LG. (HA.)	90.5	7.15	34.00	3400
44	85018	1137	712-BK-1-13	EDOGAWA EMB.	U-D	-27.2	1.50	34.00	3400
45	85018	1138	712-BK-1-13	EDOGAWA EMB.	TR. (HB.)	126.1	7.22	33.88	3388
46	85018	1139	902-GR-1-57	NISHIARAI BRIDGE	LG. (HA.)	-64.7	8.51	90.00	9000
47	85018	1140	902-GR-1-57	NISHIARAI BRIDGE	U-D	-15.9	9.08	91.00	9100
48	85018	1141	902-GR-1-57	NISHIARAI BRIDGE	TR. (HB.)	88.0	8.81	91.00	9100
49	85018	1142	1017-GR-1-7	J.H.P.C. LAB.	HA. (HA.)	30.7	14.11	44.24	4424
50	85018	1143	1017-GR-1-7	J.H.P.C. LAB.	U-D	20.0	14.91	43.98	4398
51	85018	1144	1017-GR-1-7	J.H.P.C. LAB.	HB. (HB.)	-31.8	16.76	44.21	4421
52	85018	1145	1401-GR-1-15	TONEGAWA ES.	HA. (HA.)	-31.4	16.05	49.80	4980
53	85018	1146	1401-GR-1-15	TONEGAWA ES.	U-D	-11.5	15.04	49.80	4980
54	85018	1147	1401-GR-1-15	TONEGAWA ES.	HB. (HB.)	37.2	16.14	49.80	4980

4. 強震計の作動状況

4－1 強震計作動状況表

Table 4 は Table 2 に示した地震によってどの強震計が作動し，どのような記録が採取されたかを示すものである。表中の上段は Table 2 に示した地震の諸元を，中段は上段に示した地震により採取された地震動記録の最大加速度値等を，下段は中段に示した地震動を記録した強震計の諸元をそれぞれ示したものである。

Table 4 の項目は次のとおりである。

Table 4 の項目		説　　明
上　段 ITEMS OF EARTHQUAKE		Table 1 で示した地震諸元データ
中　段 OBSERVED RECORDS	STATION NUMBER	地震動記録が観測された観測所の番号
	INSTALLATION CONDITION	強震計設置箇所を示す記号（Table 3 説明参照）
	RECORD NUMBER	当該強震計で観測された何番目の記録であるかを示す番号（Table 3 で示す SEQUENCE NUMBER と同等）
	EPICENTRAL DISTANCE（KM）	震央から当該強震計までの震央距離（km）
	MAXIMUM VALUE OF ORIGINAL RECORD（GAL）	原記録より直読した最大加速度値（gal） HA., U－D, HB.（Table 3 説明参照）
	MAXIMUM VALUE OF ARRANGED RECORD（GAL）	数値化及び計器補正後の最大加速度値（gal） （数値化を行った記録についてのみ掲載）
	INDEX NUMBER	地震動記録を数値化した整理番号（Table 3 説明参照）（数値化を行った記録についてのみ掲載）
下　段 STATION DATA	STATION NUMBER	地震動記録が観測された観測所の番号
	STATION NAME	観測所名
	INSTALLATION CONDITION	強震計設置箇所を示す番号（Table 3 説明参照）

Table 4 の項目		説　　明
下 段 STATION DATA	EAST LONGITUDE	強震計設置箇所の東経（単位は，度，分，秒）
	NORTH LATITUDE	強震計設置箇所の北緯（単位は，度，分，秒）
	INSTALLED DATE	強震計設置年月
	ACCELEROGRAPH TYPE	強震計機種
	DIRECTION OF HA	HA 成分の方向
	MACHINE NUMBER	機械番号

4－2　強震計作動状況図

Figure 4－1 は，Table 4 で示す地震により記録の得られた観測所の位置図である。図中には，強震観測所の位置及び観測所番号を示すとともに，記録の得られた観測所は黒印で示してある。

また地震の震央位置及び地震のマグニチュードを書き込み，震央距離 100km 毎に震央円を書き込んでいる。

4－3　気象庁震度階震度分布図

Figure 4－2 は，Table 4 で示す地震により気象庁地震月報に掲載された気象庁震度階震度の分分図である。図中には，気象庁観測所の位置，観測所名及び震度階震度を示すとともに，地震の震央位置及び地震のマグニチュードを書き込み，震央距離 100 km 毎に震央円を書き込んでいる。

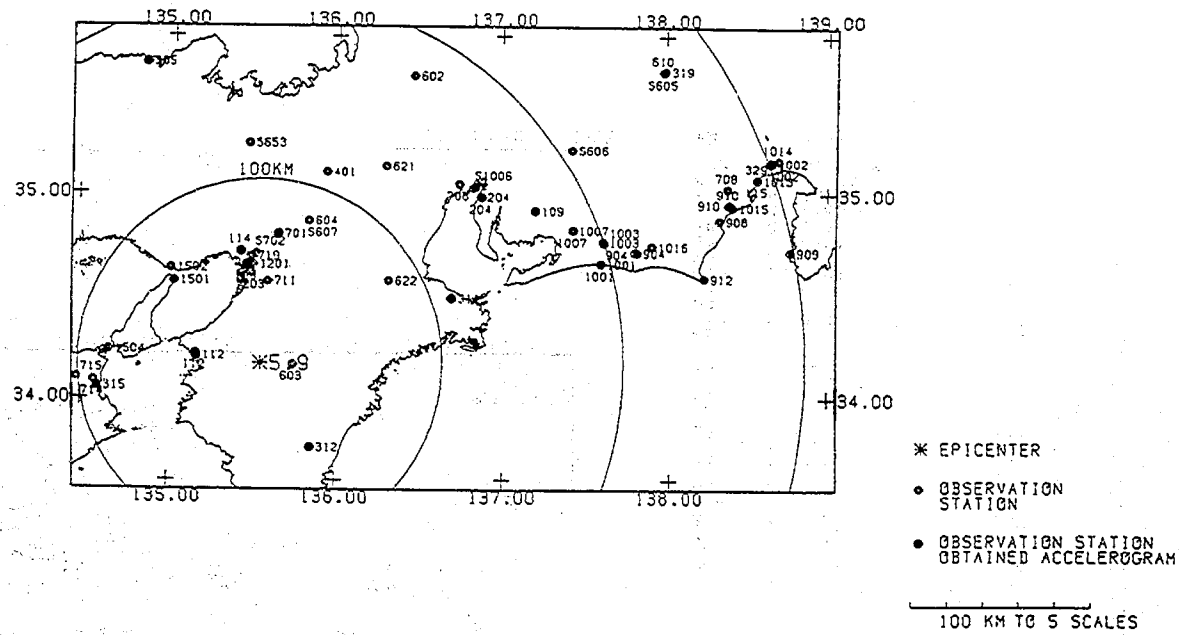
また表中には，気象庁観測所の東経，北緯を示すとともに観測所までの震央距離を示している。

Table 4—1 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85001
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.01.06 00:45 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NE WAKAYAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 33.1'
	NORTH LATITUDE	34 10.8'
	FOCAL DEPTH	70 KM
	MAGNITUDE	5.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
103	GR-1	6	56	7	2	5						
103	PI-1	4	56	10	2	5						
109	GR-1	4	173	0	0	0						
109	PI-1	3	173	0	0	0						
112	GR-1	42	36	20	10	34	25.0	-8.2	-39.7	1094	1095	1096
114	GR-1	9	64	0	0	0						
114	PI-1	3	64	0	0	0						
305	GR-1	14	177	10	2	3						
311	GR-1	17	112	16	6	25						
311	PI-1	15	112	75	4	53						
312	GR-1	9	52	131	23	81	-230.1	39.3	-120.4	1097	1098	1099
312	AB-1	8	52	53	15	63						
701	GR-1	16	73	12	4	23						
701	BK-1	16	73	17	5	17						
1002	GR-1	12	303	3	1	3						
1002	PI-1	9	302	4	0	4						

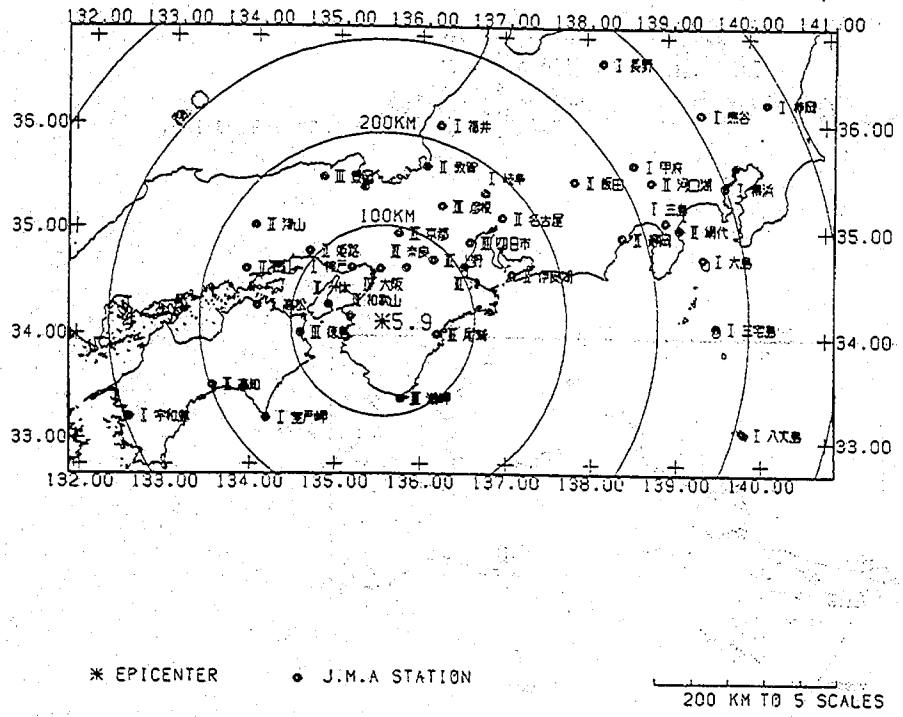
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
103	AJIGAWA BRIDGE	GR-1	135 27 40	34 40 00	610300	SMAC-B2	S50W	037921
103	AJIGAWA BRIDGE	PI-1	135 27 40	34 40 00	610300	SMAC-B2	N60E	037922
109	OOHIRA BRIDGE	GR-1	137 11 56	34 55 53	740701	SMAC-Q	S75W	020034
109	OOHIRA BRIDGE	PI-1	137 12 03	34 55 58	740701	SMAC-Q	S75W	020035
112	KINOKAWA BRIDGE	GR-1	135 09 59	34 12 55	670315	SMAC-B2	N30E	140209
114	AMAGASAKI BRIDGE	GR-1	135 25 14	34 43 45	630300	SMAC-B2	N15E	000000
114	AMAGASAKI BRIDGE	PI-1	135 25 24	34 43 45	630300	SMAC-C2	N15E	000000
305	MINATO BRIDGE	GR-1	134 49 46	35 38 26	651100	SMAC-B2	S40W	038542
311	TOYOHAMA BRIDGE	GR-1	136 41 54	34 30 19	660900	SMAC-B2	S15E	070141
311	TOYOHAMA BRIDGE	PI-1	136 41 47	34 30 23	660900	SMAC-B2	S15E	070146
312	AKAGI BRIDGE	GR-1	135 51 15	33 46 11	660900	SMAC-B2	N90W	070146
312	AKAGI BRIDGE	AB-1	135 51 08	33 46 24	660900	SMAC-B2	N90W	070145
701	YODOGAWA EMBANKMENT	GR-1	135 38 50	34 48 52	661000	SMAC-B2	N45E	003859
701	YODOGAWA EMBANKMENT	BK-1	135 38 50	34 48 52	790400	SMAC-B2	N38E	000000
1002	TOMEI-HIGHWAY FUJIKAWA*B	GR-1	138 38 05	35 09 48	670300	SMAC-B2		140251
1002	TOMEI-HIGHWAY FUJIKAWA*B	PI-1	138 37 40	35 09 40	670300	SMAC-B2		140250



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.01.06 00:45(JAPAN STANDARD TIME)
EPICENTRAL REGION	NE WAKAYAMA PREF
HYPOCENTER	
EAST LONGITUDE	135°33'1"
NORTH LATITUDE	34°10'8"
FOCAL DEPTH	70KM
MAGNITUDE	5.9(J.M.A. MAGNITUDE)

Figure 4—1—1 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85001



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1985.01.06 00:45(JAPAN STANDARD TIME)
EPICENTRAL REGION NE WAKAYAMA PREF
HYPOCENTER
EAST LONGITUDE 135° 33.1'
NORTH LATITUDE 34° 10.8'
FOCAL DEPTH 70KM
MAGNITUDE 5.9(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
IV	OSAKA	135 31.3	34 40.7	55.4
III	WAKAYAMA	135 10.0	34 13.6	35.8
	OWASE	136 11.7	34 4.0	60.5
	NARA	135 49.9	34 41.5	69.4
	SHIONOMISAKI	135 46.8	33 26.9	83.7
	UENO	136 8.0	34 46.0	85.2
	TOKUSHIMA	134 34.6	34 3.9	90.6
	KYOTO	135 44.1	35 0.7	93.9
	TSU	136 31.1	34 42.1	105.9
	YOKKAICHI	136 35.0	34 56.0	126.2
	HIKONE	136 14.8	35 16.4	137.1
	TOYOOKA	134 49.5	35 32.0	164.4
I	SUMOTO	134 54.5	34 20.1	61.6
	HIMEJI	134 40.4	34 50.2	108.6
	MAIZURU	135 19.2	35 26.9	142.6
	IRAKO	137 5.0	34 38.0	149.2
	OKAYAMA	133 55.1	34 39.5	158.9
	NAGOYA	136 58.1	35 9.9	169.6
	TSURUGA	136 3.9	35 39.0	170.0
	TSUYAMA	134 1.0	35 4.0	171.6
	KOCHI	133 32.2	33 33.2	198.6
	IIDA	137 50.2	35 30.6	255.5
	SHIZUOKA	138 24.4	34 58.4	275.8
	KAWAGUCHIKO	138 45.8	35 29.9	327.6
	AJIRO	139 5.8	35 2.6	338.2
I	KOBE	135 10.8	34 41.3	66.0
	TAKAMATSU	134 3.4	34 18.9	138.2
	MUROTOMISAKI	134 10.8	33 14.9	163.8
	GIFU	136 45.9	35 23.9	174.9
	FUKUI	136 13.6	36 3.6	217.1
	UWAJIMA	132 33.5	33 13.6	296.5
	KOFU	138 33.4	35 39.9	319.7
	MISHIMA	138 55.8	35 6.7	325.8
	OSHIMA	139 22.6	34 45.8	356.4
	MIYAKEJIMA	139 31.0	34 7.0	364.8
	NAGANO	138 11.7	36 39.6	365.1
	YOKOHAMA	139 39.4	35 26.2	399.8
	HACHIJOJIMA	139 47.3	33 6.1	409.9
	KUMAGAYA	139 23.0	36 8.8	411.1
	KAKIOKA	140 11.6	36 13.9	479.2

TOTAL STATION NUMBER : 40
NO DISPLAY STATION NUMBER : 0

Figure 4—2—1 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85001

Table 4—2 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85002
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.03.20 14:53 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 53.3'
	NORTH LATITUDE	36 4.4'
	FOCAL DEPTH	54 KM
	MAGNITUDE	4.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	60	34	6	1	6						
617	DA-1	20	62	10	5	5						
617	DA-2	19	62	65	10	50						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
617	KIRYU DAM	DA-1	139 24 34	36 28 12	820315	SMAC-E2	N15E	450298
617	KIRYU DAM	DA-2	139 24 34	36 28 12	820315	SMAC-E2	N16E	450299

Table 4—3 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85003
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.03.28 16:13 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN MIYAGI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 43.7'
	NORTH LATITUDE	38 52.4'
	FOCAL DEPTH	6 KM
	MAGNITUDE	5.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
303	GR-1	26	67	1	0	2						

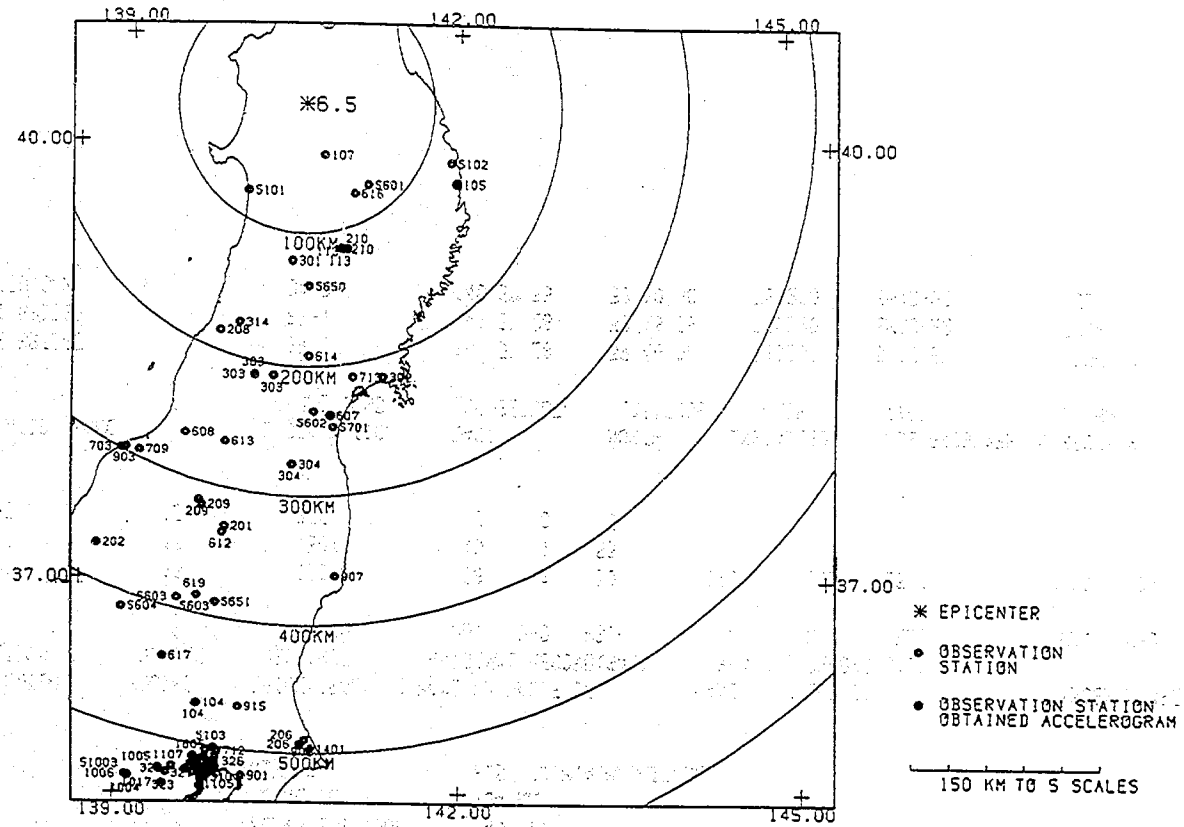
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530

Table 4—4 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85004
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.03.29 01:07 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN AKITA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 35.2'
	NORTH LATITUDE	40 17.7'
	FOCAL DEPTH	164 KM
	MAGNITUDE	6.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
105	GR-1	18	130	28	1	30	27.2	6.5	-25.4	1100	1101	1102
105	PI-1	17	130	45	1	55						
607	DA-2	12	235	3	0	5						

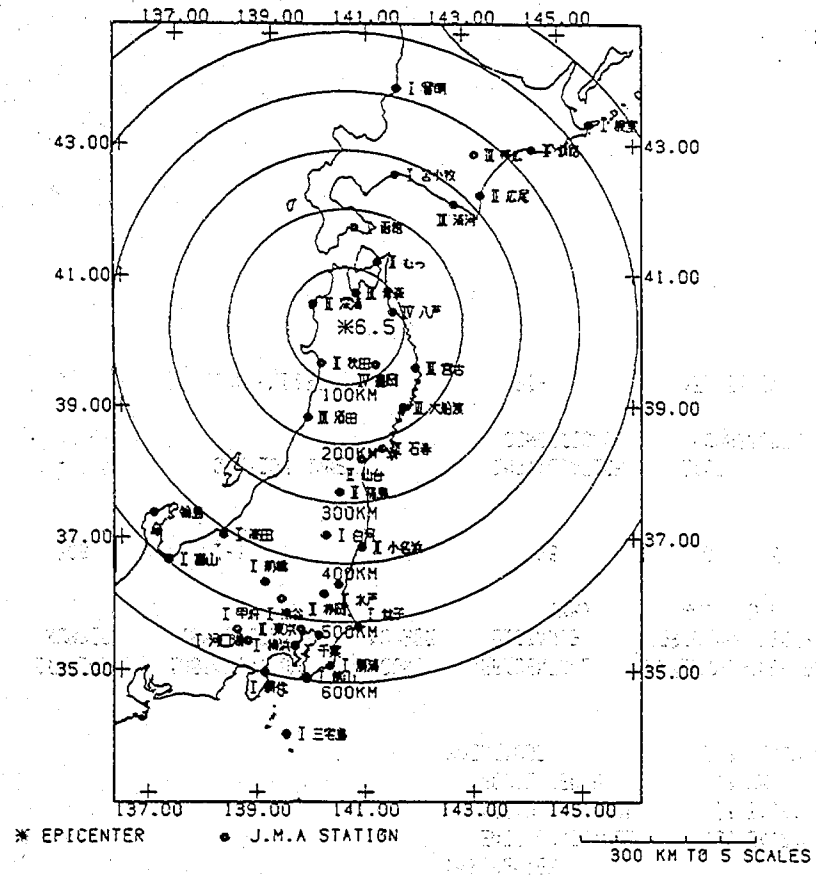
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
105	MASAKI BRIDGE	GR-1	141 57 28	39 46 06	710200	SMAC-E2	S75W	000019
105	MASAKI BRIDGE	PI-1	141 57 28	39 46 06	710220	SMAC-E2	S75W	000018
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.03.29 01:07(JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN AKITA PREF
HYPOCENTER	
EAST LONGITUDE	140° 35.2'
NORTH LATITUDE	40° 17.7'
FOCAL DEPTH	164KM
MAGNITUDE	6.5(J.M.A. MAGNITUDE)

Figure 4—1—4 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85004



ITEMS ØF EARTHQUAKE
EARTHQUAKE NAME
ØRIGIN DATE AND TIME 1985.03.29 01:07(JAPAN STANDARD TIME)
EPICENTRAL REGION NØRTHERN AKITA PREF
HYPØCENTER
EAST LØNGITUDE 140°35.2'
NØRTH LATITUDE 40°17.7'
FØCAL DEPTH 164KM
MAGNITUDE 6.5(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME		EAST LØNGI TUDE		NØRTH LATI TUDE		EPICENTRAL DISTANCE (KM)
Ⅳ	八戸	HACHINØHE	141	31.5	40	31.5	83.4
	盛岡	MØRIØKA	141	10.6	39	41.7	83.5
Ⅱ	青森	AØMØRI	140	46.9	40	49.2	60.6
	宮古	MIYAKØ	141	58.1	39	38.7	138.1
	酒田	SAKATA	139	50.8	38	54.4	166.9
	大船渡	ØFUNATØ	141	43.1	39	3.7	167.8
	浦河	URAKAWA	142	46.9	42	9.5	276.7
	帯広	ØBIHIRØ	143	13.0	42	55.2	364.5
Ⅰ	深浦	FUKAURA	139	56.0	40	39.0	67.9
	秋田	AKITA	140	6.0	39	43.1	76.4
	むつ	MUTSU	141	13.0	41	17.0	122.0
	石巻	ISHINØMAKI	141	18.2	38	25.5	216.8
	仙台	SENDAI	140	54.0	38	15.6	227.8
	福島	FUKUSHIMA	140	28.5	37	45.4	282.3
	広尾	HIRØØ	143	19.2	42	17.5	318.3
	小名浜	ØNAHAMA	140	54.4	36	56.7	373.4
	釧路	KUSHIRØ	144	23.5	42	58.5	434.3
	水戸	MITØ	140	28.3	36	22.7	435.5
	柿岡	KAKIØKA	140	11.6	36	13.9	453.0
	東京	TØKYØ	139	45.5	35	41.2	517.4
Ⅰ	函館	HAKØDATE	140	45.3	41	48.9	169.5
	苫小牧	TØMAKØMAI	141	35.1	42	37.4	271.8
	白河	SHIRAKAWA	140	13.5	37	7.1	354.5
	高田	TAKADA	138	15.0	37	6.3	408.4
	室蘭	RUMØI	141	38.2	42	56.6	414.7
	前橋	MAEBASHI	139	3.9	36	24.1	452.7
	輪島	WAJIMA	136	53.9	37	23.4	454.1
	熊谷	KUMAGAYA	139	23.0	36	9.8	473.0
	富山	TØYAMA	137	12.3	36	42.4	495.6
	銚子	CHØSHI	140	50.6	35	43.5	508.5
	千葉	CHIBA	140	6.0	35	36.0	523.6
	根室	NEMURØ	145	35.4	43	19.7	534.2
	甲府	KØFU	138	33.4	35	39.9	544.5
	横浜	YØKØHAMA	139	39.4	35	26.2	546.2
	河口湖	KAWAGUCHIKØ	138	45.8	35	29.9	556.7
	勝浦	KATSUURA	140	19.0	35	9.0	572.4
	館山	TATEYAMA	139	52.1	34	59.0	593.8
	網代	AJIRØ	139	5.8	35	2.6	598.3
	三宅島	MIYAKEJIMA	139	31.0	34	7.0	693.3

TØTAL STATIØN NUMBER : 39
NØ DISPLAY STATIØN NUMBER : 0

Figure 4—2—4 SEISMIC INTENSITY DISTRIBUTIØN ØF J.M.A. STATIØNS
EARTHQUAKE NUMBER 85004

Table 4—5 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85005
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.04.05 16:25 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN OITA PREF
	HYPOCENTER	
	EAST LONGITUDE	131 34.7'
	NORTH LATITUDE	33 31.4'
	FOCAL DEPTH	118 KM
	MAGNITUDE	5.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
308	PI-1	14	98	8	3	0						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
308	ITAJIMA BRIDGE	PI-1	132 33 24	33 12 53	650400	SMAC-B2	S10E	038554

Table 4—6 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85006
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.04.11 01:26 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NEAR TORISHIMA IS
	HYPOCENTER	
	EAST LONGITUDE	139 17.1'
	NORTH LATITUDE	29 57.8'
	FOCAL DEPTH	415 KM
	MAGNITUDE	6.8 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD (GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD (GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	61	649	5	2	6						
101	PI-1	29	649	6	1	6						
617	DA-1	21	725	0	0	0						
617	DA-2	20	725	0	0	0						
902	GR-1	53	647	7	2	10						
1017	GR-1	6	625	10	0	10						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
617	KIRYU DAM	DA-1	139 24 34	36 28 12	820315	SMAC-E2	N15E	450298
617	KIRYU DAM	DA-2	139 24 34	36 28 12	820315	SMAC-E2	N16E	450299
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
1017	J.H.P.C. LAB.	GR-1	139 25 43	35 34 17	830200	SMAC-Q	W00N	000000

Table 4—7 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85007
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.05.11 19:40 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 35.6'
	NORTH LATITUDE	37 6.1'
	FOCAL DEPTH	45 KM
	MAGNITUDE	5.3 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
101	GR-1	62	207	4	2	4						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096

Table 4—8 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85008
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.05.13 19:41 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW EHIME PREF
	HYPOCENTER	
	EAST LONGITUDE	132 35.2'
	NORTH LATITUDE	32 59.7'
	FOCAL DEPTH	39 KM
	MAGNITUDE	6.0 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
620	DA-1	1	41	30	15	30						
620	DA-2	1	41	30	25	40						
620	DA-3	1	41	30	10	70						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
620	NOMURA DAM	DA-1	132 37 59	33 21 22	820300	SMAC-Q	S30E	000000
620	NOMURA DAM	DA-2	132 37 59	33 21 22	820300	SMAC-Q		000000
620	NOMURA DAM	DA-3	132 37 59	33 21 22	820300	SMAC-Q	S30E	000000

Table 4—9 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	85009
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.06.08 01:29 (JAPAN STANDARD TIME)
EPICENTRAL REGION	CENTRAL CHIBA PREF
HYPOCENTER	
EAST LONGITUDE	140 14.9'
NORTH LATITUDE	35 32.3'
FOCAL DEPTH	64 KM
MAGNITUDE	4.8 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
902	GR-1	55	47	7	1	6						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889

Table 4—10 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85010
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.07.25 09:24 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF SHIKOKU
	HYPOCENTER	
	EAST LONGITUDE	134 44.6'
	NORTH LATITUDE	33 42.4'
	FOCAL DEPTH	51 KM
	MAGNITUDE	5.2 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
714	GR-1	3	47	10	5	10						
714	BK-1	3	47	15	5	20						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
714	YOSHINOGAWA EMBANKMENT	GR-1	134 33 27	34 05 11	820400	SMAC-Q	S60E	000000
714	YOSHINOGAWA EMBANKMENT	BK-1	134 33 27	34 05 11	820400	SMAC-Q	S60E	000000

Table 4—11 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85011
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.07.29 03:05 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 14.5'
	NORTH LATITUDE	37 3.9'
	FOCAL DEPTH	52 KM
	MAGNITUDE	4.7 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
907	GR-1	138	27	13	9	6						

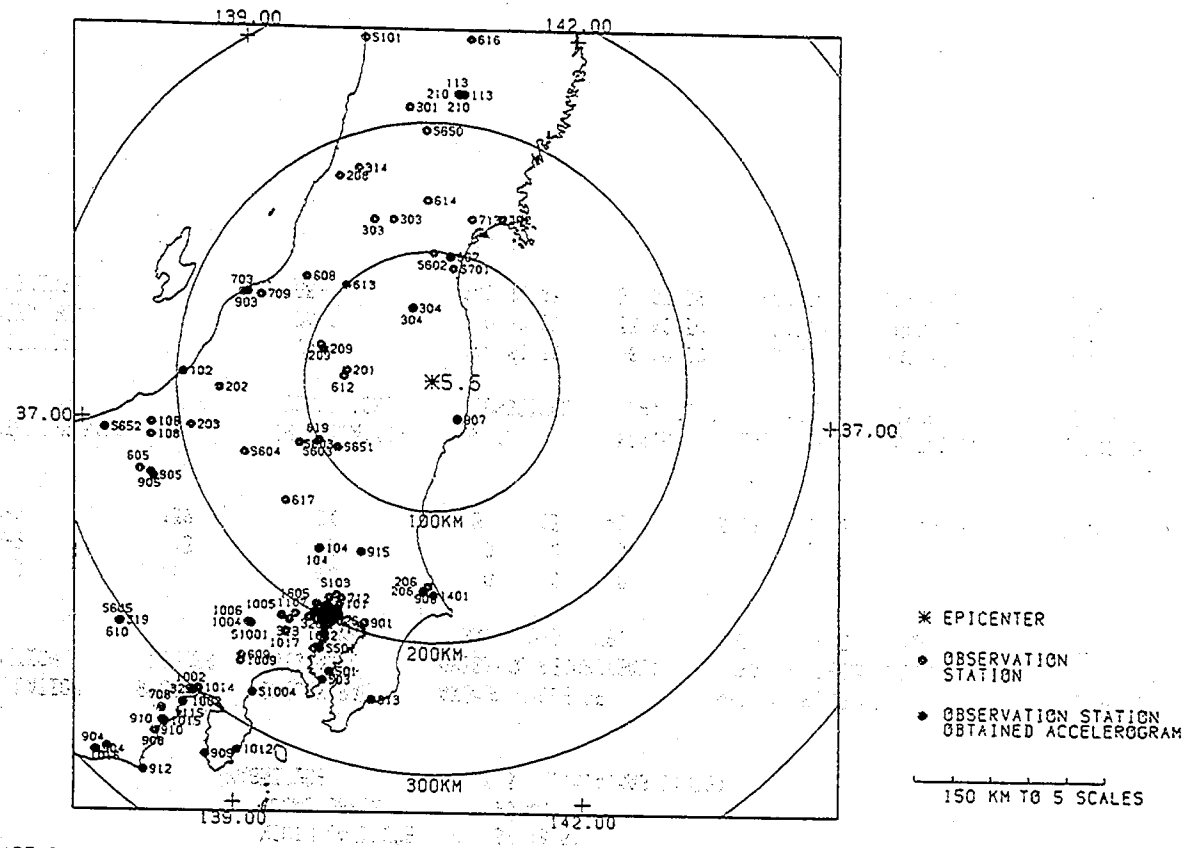
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680118	SMAC-B2	N30W	140215

Table 4—12 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85012
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.07.29 04:33 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	EASTERN FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 41.3'
	NORTH LATITUDE	37 18.5'
	FOCAL DEPTH	90 KM
	MAGNITUDE	5.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
607	DA-1	11	98	0	0	0						
607	DA-2	13	98	0	0	5						
907	GR-1	139	34	31	15	48	39.8	18.6	67.3	1103	1104	1105

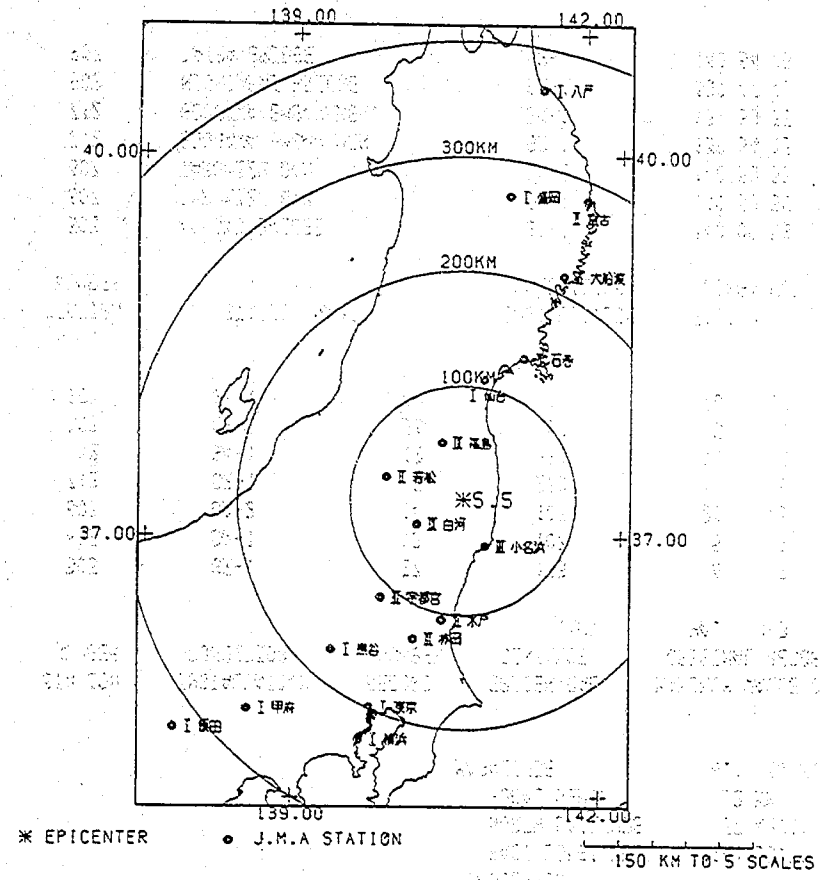
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680118	SMAC-B2	N30W	140215



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.07.29 04:33(JAPAN STANDARD TIME)
EPICENTRAL REGION	EASTERN FUKUSHIMA PREF
HYPOCENTER	
EAST LONGITUDE	140° 41.3'
NORTH LATITUDE	37° 18.5'
FOCAL DEPTH	90KM
MAGNITUDE	5.5(J.M.A. MAGNITUDE)

Figure 4—1—12 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85012



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1985.07.29 04:33(JAPAN STANDARD TIME)
EPICENTRAL REGION EASTERN FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 140° 41.3'
NORTH LATITUDE 37° 18.5'
FOCAL DEPTH 90KM
MAGNITUDE 5.5(J.M.A. MAGNITUDE)

SEISMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅲ	ONAHAMA	140 54.4	36 56.7	44.8
	SHIRAKAWA	140 13.5	37 7.1	46.2
	FUKUSHIMA	140 28.5	37 45.4	53.3
	MITO	140 28.3	36 22.7	105.2
	UTSUNOMIYA	139 52.3	36 32.8	111.5
	KAKIOKA	140 11.6	36 13.9	127.6
Ⅱ	WAKAMATSU	139 55.0	37 29.0	70.9
	ISHINOMAKI	141 18.2	38 25.5	135.3
	OFUNATO	141 43.1	39 3.7	214.7
	MIYAKO	141 58.1	39 38.7	282.6
Ⅰ	SENDAI	140 54.0	38 15.6	107.4
	KUMAGAYA	139 23.0	36 8.8	173.8
	TOKYO	139 45.5	35 41.2	198.5
	YOKOHAMA	139 39.4	35 26.2	227.6
	KOFU	138 33.4	35 39.9	263.9
	MORIOKA	141 10.6	39 41.7	268.7
	IIDA	137 50.2	35 30.6	324.1
	HACHINOHE	141 31.5	40 31.5	364.8

TOTAL STATION NUMBER : 18
NO DISPLAY STATION NUMBER : 0

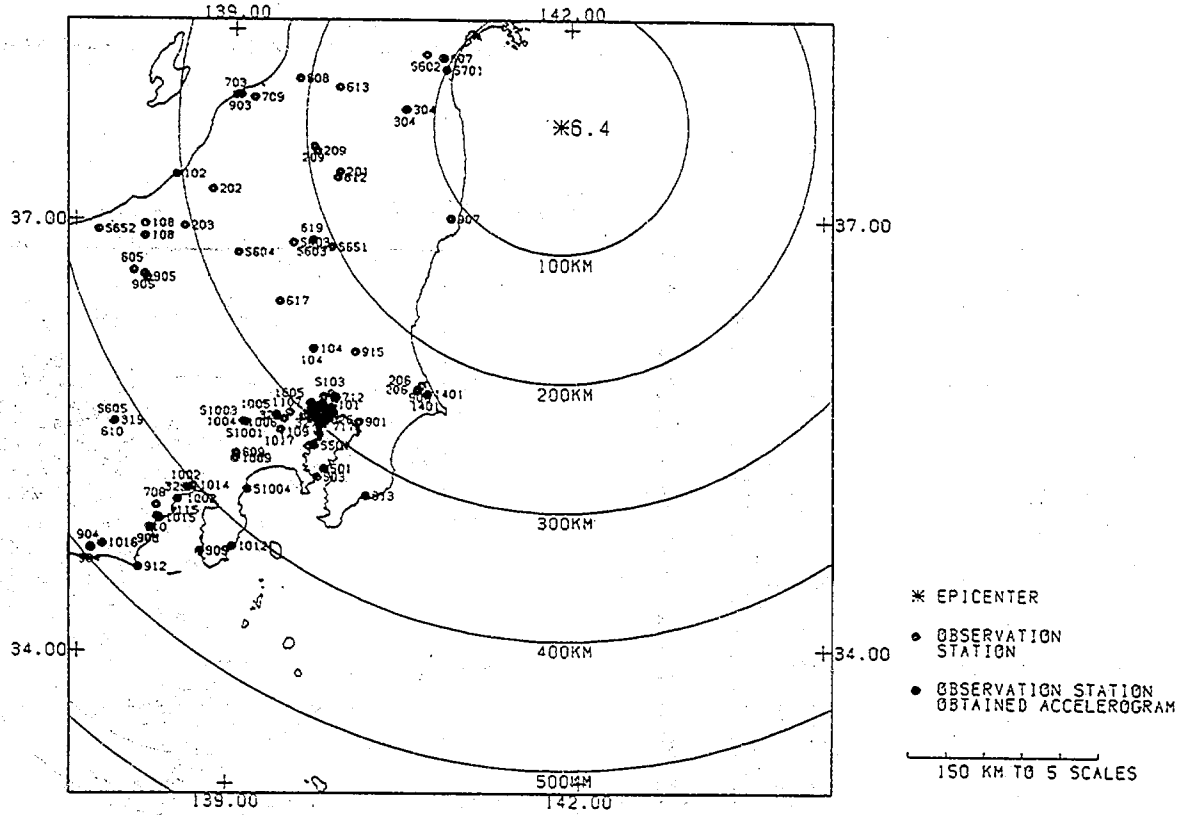
Figure 4—2—12 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85012

Table 4—13 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85013
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.08.12 12:49 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 53.7'
	NORTH LATITUDE	37 42.1'
	FOCAL DEPTH	52 KM
	MAGNITUDE	6.4 (J.M.A.MAGNITUDE)

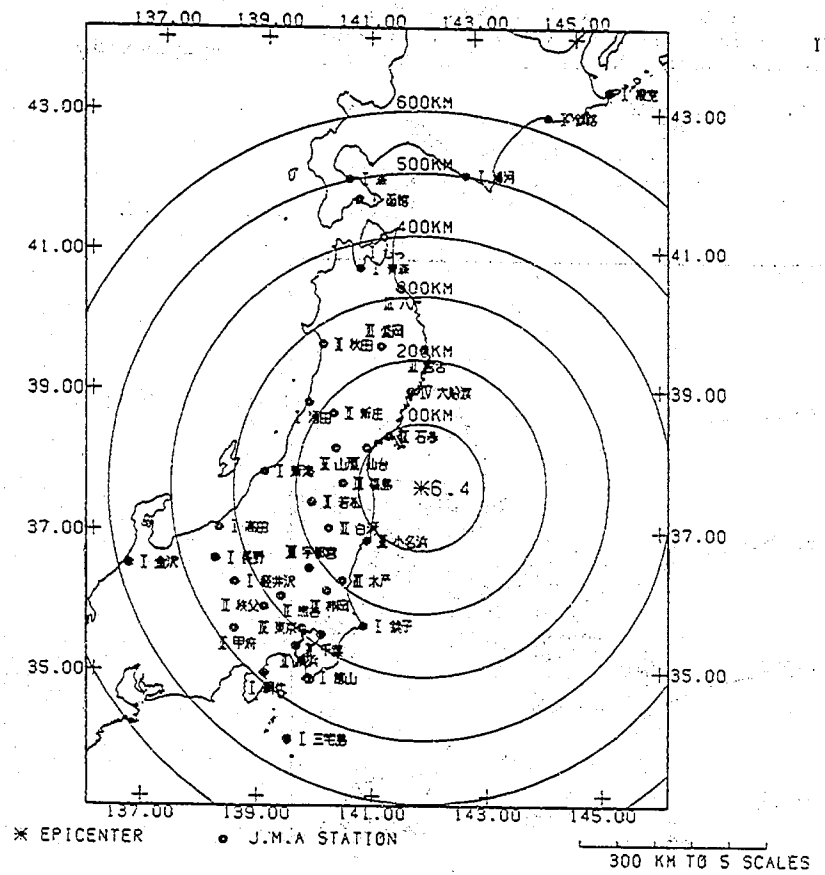
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
303	GR-1	27	173	6	2	6						
607	DA-1	12	107	5	2	5						
607	DA-2	14	107	20	25	25						
712	GR-1	5	278	60	0	30	49.3	8.4	33.1	1106	1107	1108
712	BK-1	12	278	10	10	10						
902	GR-1	56	289	5	1	3						
907	GR-1	140	115	40	19	37	43.0	-30.2	48.5	1109	1110	1111

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
712	EDOGAWA EMBANKMENT	GR-1	139 54 15	35 48 15	790400	SMAC-Q	S00E	000000
712	EDOGAWA EMBANKMENT	BK-1	139 53 55	35 48 15	800800	SMAC-Q	N45E	000000
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680118	SMAC-B2	N30W	140215



ITEMS OF EARTHQUAKE		
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.08.12 12:49(JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141°53'7"
	NORTH LATITUDE	37°42'1"
	FOCAL DEPTH	52KM
	MAGNITUDE	6.4(J.M.A. MAGNITUDE)

Figure 4—1—13 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85013



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1985.08.12 12:49(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF FUKUSHIMA PREF
HYPOCENTER
EAST LONGITUDE 141° 53.7'
NORTH LATITUDE 37° 42.1'
FOCAL DEPTH 52KM
MAGNITUDE 6.4(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
IV	OFUNATO	141 43.1	39 3.7	151.9
III	ISHINOMAKI	141 18.2	38 25.5	95.6
	SENDAI	140 54.0	38 15.6	107.0
	ONAHAMA	140 54.4	36 56.7	121.3
	FUKUSHIMA	140 28.5	37 45.4	125.0
	YAMAGATA	140 20.9	38 15.2	148.8
	SHIRAKAWA	140 13.5	37 7.1	161.1
	MITO	140 28.3	36 22.7	193.9
	MIYAKO	141 58.1	39 38.7	216.1
	UTSUNOMIYA	139 52.3	36 32.8	220.6
	KAKIOKA	140 11.6	36 13.9	222.6
	MORIOKA	141 10.6	39 41.7	230.2
	TOKYO	139 45.5	35 41.2	294.0
	HACHINOHE	141 31.5	40 31.5	315.4
II	WAKAMATSU	139 55.0	37 29.0	176.0
	SHINJO	140 18.0	38 45.0	181.6
	AKITA	140 6.0	39 43.1	272.9
	KUMAGAYA	139 23.0	36 8.8	282.2
	CHIBA	140 6.0	35 36.0	283.2
	CHICHIBU	139 4.9	35 59.5	314.3
	YOKOHAMA	139 39.4	35 26.2	321.4
	KOFU	138 33.4	35 39.9	373.9
I	SAKATA	139 50.8	38 54.4	223.5
	CHOSHI	140 50.6	35 43.5	238.9
	NIIGATA	139 3.1	37 54.6	250.8
	TAKADA	138 15.0	37 6.3	328.6
	KARUIZAWA	138 33.0	36 20.3	339.6
	NAGANO	138 11.7	36 39.6	347.0
	TATEYAMA	139 52.1	34 59.0	352.5
	AOMORI	140 46.9	40 49.2	359.6
	AJIRO	139 5.8	35 2.6	387.3
	MUTSU	141 13.0	41 17.0	402.4
	MIYAKEJIMA	139 31.0	34 7.0	452.4
	HAKODATE	140 45.3	41 48.9	467.5
	KANAZAWA	136 38.9	36 32.8	482.4
	URAKAWA	142 46.9	42 9.5	501.1
	MORI	140 34.3	42 6.2	502.1
	KUSHIRO	144 23.5	42 58.5	623.1
	NEMURO	145 35.4	43 19.7	698.9

TOTAL STATION NUMBER : 39
NO DISPLAY STATION NUMBER : 0

Figure 4—2—13 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85013

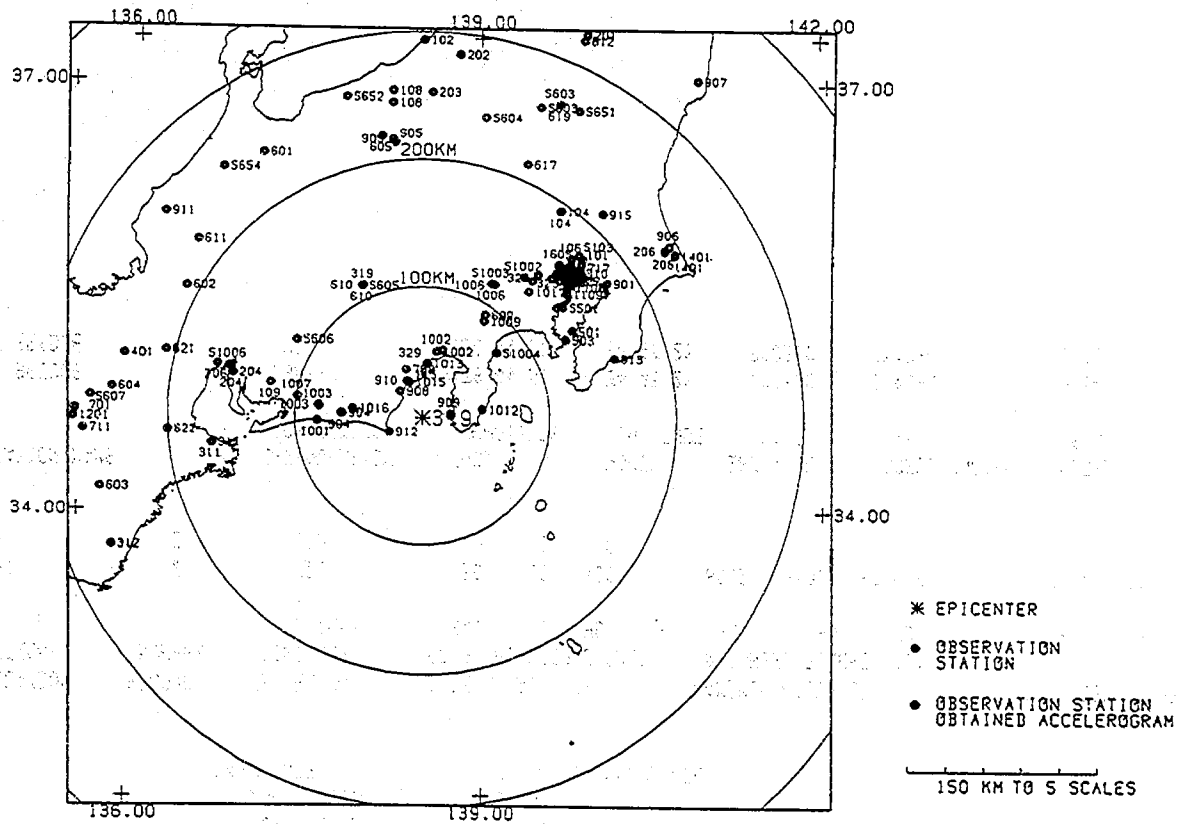
Table 4—14 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	85014
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.09.13 07:58 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN SURUGA BAY REG
HYPOCENTER	
EAST LONGITUDE	138 30.5'
NORTH LATITUDE	34 41.9'
FOCAL DEPTH	28 KM
MAGNITUDE	3.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
909	GR-1	2	20	50	30	100	60.2	-30.1	-110.6	1112	1113	1114
909	PI-1	2	20	0	0	0						

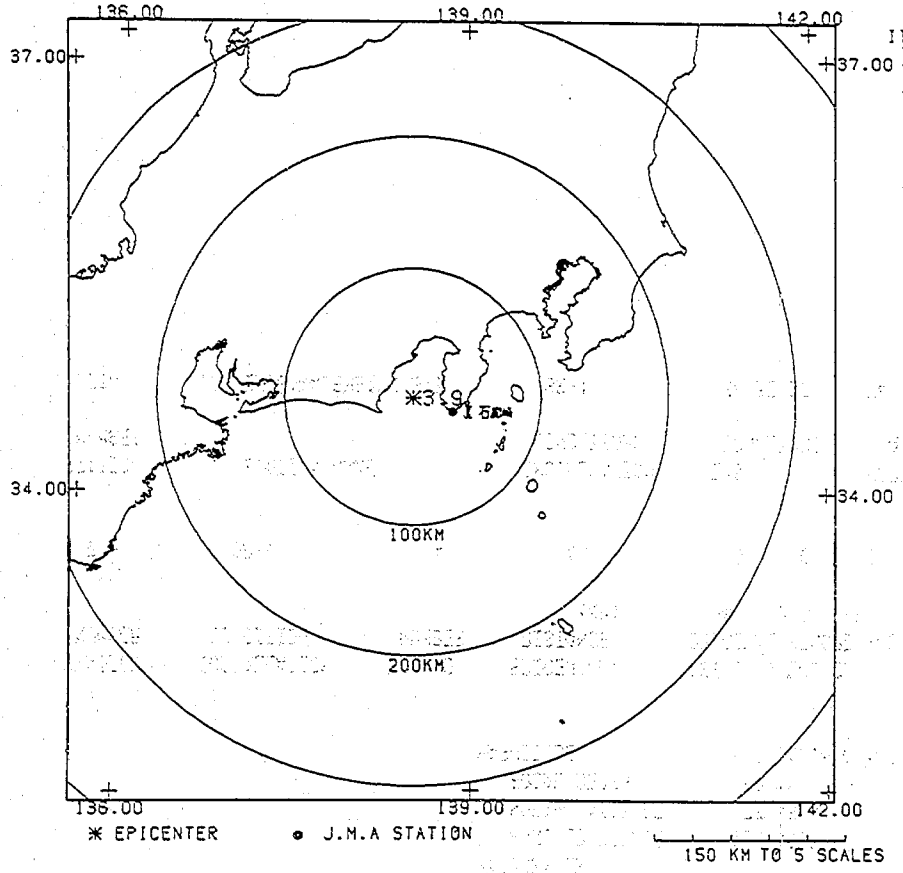
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
909	KUMOMI BRIDGE	GR-1	138 44 50	34 43 21	780300	SMAC-Q	N16W	000000
909	KUMOMI BRIDGE	PI-1	138 44 50	34 43 21	780300	SMAC-Q	S16E	000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.09.13 07:58(JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN SURUGA BAY REG
HYPOCENTER	
EAST LONGITUDE	138°30'5"
NORTH LATITUDE	34°41'9"
FOCAL DEPTH	28KM
MAGNITUDE	3.9(J.M.A. MAGNITUDE)

Figure 4—1—14 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85014



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1965.09.13 07:58(JAPAN STANDARD TIME)
EPICENTRAL REGION SOUTHERN SURUGA BAY REG
HYPOCENTER
EAST LONGITUDE 138° 30.5'
NORTH LATITUDE 34° 41.9'
FOCAL DEPTH 28KM
MAGNITUDE 3.9(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
I	IROZAKI	138 50.8	34 36.0	32.8

TOTAL STATION NUMBER : 1
NO DISPLAY STATION NUMBER : 0

Figure 4—2—14 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85014

Table 4—15 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85015
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.09.20 19:40 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF SHIKOKU
	HYPOCENTER	
	EAST LONGITUDE	134 45.7'
	NORTH LATITUDE	33 43.6'
	FOCAL DEPTH	49 KM
	MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
714	GR-1	4	46	5	0	0						

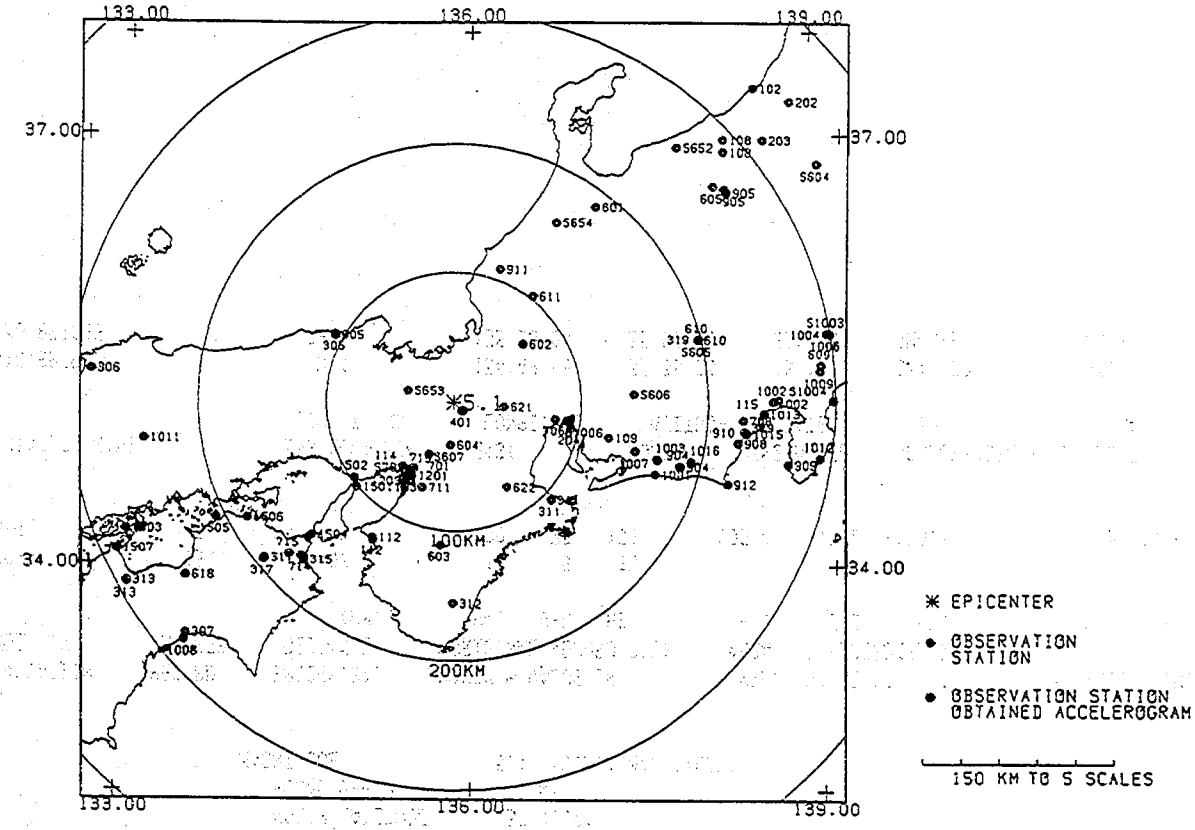
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
714	YOSHINOGAWA EMBANKMENT	GR-1	134 33 27	34 05 11	820400	SMAC-Q	S60E	000000

Table 4—16 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85016
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.10.03 20:57 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NE SHIGA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 51.7'
	NORTH LATITUDE	35 10.7'
	FOCAL DEPTH	1 KM
	MAGNITUDE	5.1 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
305	GR-1	15	107	13	5	13						
401	G-1	7	9	100	23	156	105.4	-18.2	-170.1	1115	1116	1117

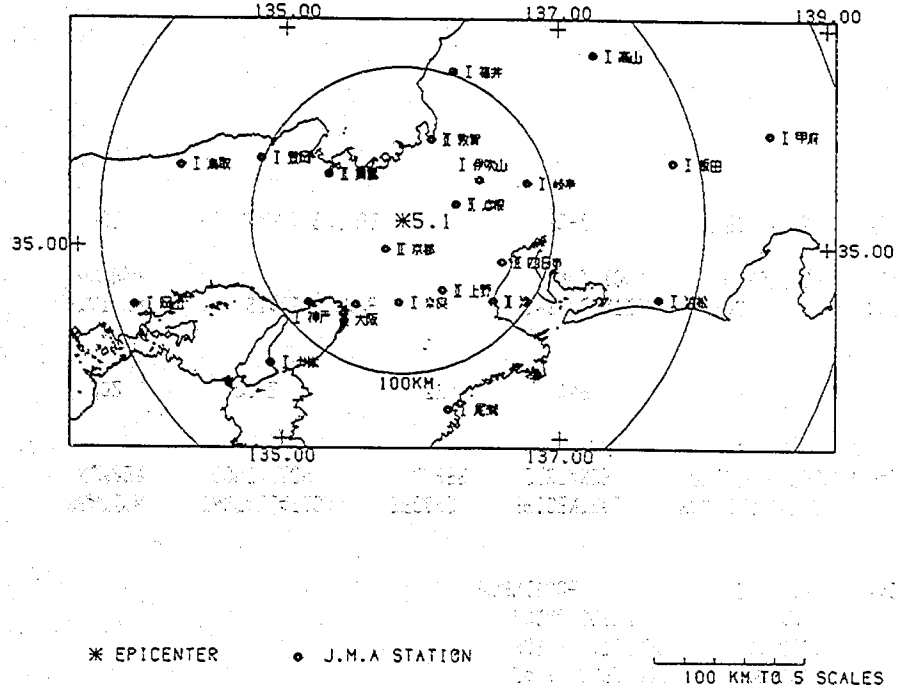
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
305	MINATO BRIDGE	GR-1	134 49 46	35 38 26	651100	SMAC-B2	S40W	038542
401	BIWAKO BRIDGE	G-1	135 56 04	35 07 10	651028	SMAC-B2	S63E	037976



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.10.03 20:57(JAPAN STANDARD TIME)
EPICENTRAL REGION	NE SHIGA PREF
HYPOCENTER	
EAST LONGITUDE	135° 51.7"
NORTH LATITUDE	35° 10.7"
FOCAL DEPTH	1KM
MAGNITUDE	5.1(J.M.A. MAGNITUDE)

Figure 4—1—16 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85016



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1985.10.03 20:57(JAPAN STANDARD TIME)
EPICENTRAL REGION NE SHIGA PREF
HYPOCENTER
EAST LONGITUDE 135° 51.7'
NORTH LATITUDE 35° 10.7'
FOCAL DEPTH 1KM
MAGNITUDE 5.1(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
II	OSAKA	135 31.3	34 40.7	63.6
I	KYOTO	135 44.1	35 0.7	21.8
	HIKONE	136 14.8	35 16.4	36.5
	UENO	136 9.0	34 46.0	62.8
	TSURUGA	136 3.9	35 39.0	55.6
	MAIZURU	135 19.2	35 26.9	57.6
	YOKKAICHI	136 35.0	34 56.0	71.1
	TSU	136 31.1	34 42.1	79.9
I	NARA	135 49.9	34 41.5	54.2
	IBUKIYAMA	136 25.0	35 25.0	56.9
	KOBE	135 10.8	34 41.3	82.6
	GIFU	136 45.9	35 23.9	85.5
	TOYOOKA	134 49.5	35 32.0	101.9
	FUKUI	136 13.6	36 3.2	102.7
	OWASE	136 11.7	34 4.0	127.3
	SUMOTO	134 54.5	34 20.1	157.9
	TOTTORI	134 14.4	35 29.1	151.0
	TAKAYAMA	137 15.3	36 9.1	165.9
	HAMAMATSU	137 43.4	34 42.4	177.5
	IIDA	137 50.2	35 30.6	182.8
	OKAYAMA	133 55.1	34 39.5	186.3
	KOFU	138 33.4	35 39.9	250.0

TOTAL STATION NUMBER : 22
NO DISPLAY STATION NUMBER : 0

Figure 4—2—16 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85016

Table 4—17 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85017
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.10.04 06:28 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF BOSO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	140 59.1'
	NORTH LATITUDE	34 48.2'
	FOCAL DEPTH	64 KM
	MAGNITUDE	5.6 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
902	PI-2	37	149	3	0	0						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
902	NISHIARAI BRIDGE	PI-2	139 47 33	35 45 20	620300	SMAC-B2	N03E	037891

Table 4—18 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

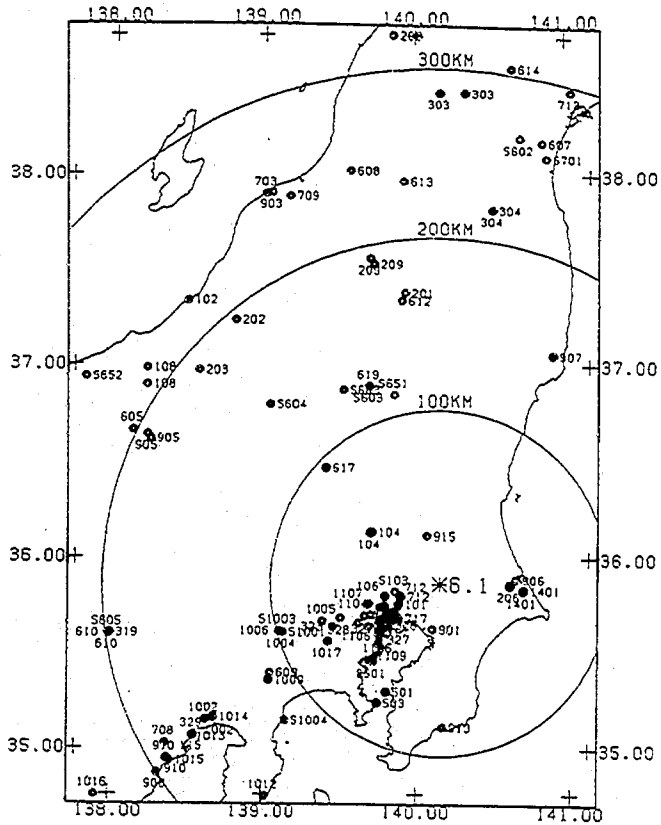
EARTHQUAKE NUMBER	85018
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.10.04 21:25 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	140 9.5'
NORTH LATITUDE	35 52.1'
FOCAL DEPTH	78 KM
MAGNITUDE	6.1 (J.M.A.MAGNITUDE)

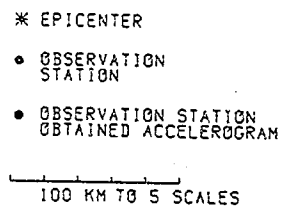
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
101	GR-1	63	27	30	12	38	-42.9	-14.4	55.3	1118	1119	1120
101	PI-1	30	27	60	10	70						
104	PI-1	35	49	20	3	15						
106	GR-1	51	33	63	10	88	-69.2	13.0	106.7	1121	1122	1123
106	PI-1	56	33	65	20	60						
206	GR-1	46	42	50	15	50	47.3	-15.6	48.6	1124	1125	1126
303	GR-1	28	284	2	0	1						
319	GR-1	18	197	10	5	10						
319	PI-1	19	197	35	6	15						
501	GR-1	124	71	30	10	23	-37.3	-15.0	42.7	1127	1128	1129
503	GR-1	56	79	46	15	50	74.1	22.3	-90.8	1130	1131	1132
617	DA-1	22	93	5	0	5						
712	GR-1	6	24	80	20	70	69.9	-29.3	73.9	1133	1134	1135
712	BK-1	13	24	75	25	100	90.5	-27.2	126.1	1136	1137	1138
902	GR-1	57	35	65	10	65	-64.7	-15.9	88.0	1139	1140	1141
902	PI-1	61	35	80	6	45						
902	PI-2	38	35	50	15	35						
907	GR-1	141	147	13	6	13						
1009	PI-1	13	116	5	0	0						
1013	GR-1	2	171	0	0	0						
1014	GR-1	3	155	0	0	0						
1017	GR-1	7	74	30	15	30	30.7	20.0	-31.8	1142	1143	1144

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
914	US-1	7	41	40	15	30						
914	US-2	5	41	30	30	50						
914	US-3	4	41	50	30	40						
1401	GR-1	15	50	33	10	45	-31.4	-11.5	37.2	1145	1146	1147
1401	ES-1	10	51	68	12	90						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
104	SHINTONEGAWA BRIDGE	PI-1	139 42 40	36 08 33	670220	SMAC-B2	S60E	140206
106	SOUKA BRIDGE	GR-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310233
106	SOUKA BRIDGE	PI-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310234
206	OMIGAWA BRIDGE	GR-1	140 37 01	35 51 25	730300	SMAC-E2	N50W	030084
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
319	SHITOKU BRIDGE	GR-1	137 59 21	35 36 31	661200	SMAC-B2	S30E	240129
319	SHITOKU BRIDGE	PI-1	137 59 24	35 36 30	661200	SMAC-B2	S30E	030040
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
617	KIRYU DAM	DA-1	139 24 34	36 28 12	820315	SMAC-E2	N15E	450298
712	EDOGAWA EMBANKMENT	GR-1	139 54 15	35 48 15	790400	SMAC-Q	S00E	000000
712	EDOGAWA EMBANKMENT	BK-1	139 53 55	35 48 15	800800	SMAC-Q	N45E	000000
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
902	NISHIARAI BRIDGE	PI-1	139 47 34	35 45 18	620300	SMAC-B2	N03E	037890
902	NISHIARAI BRIDGE	PI-2	139 47 33	35 45 20	620300	SMAC-B2	N03E	037891
907	TAIRA BRIDGE	GR-1	140 54 43	37 03 09	680118	SMAC-B2	N30W	140215
1009	TOMEI-H.SAKAWAGAWA*B	PI-1	139 02 20	35 22 01	690300	SMAC-D		061118
1013	YUI AREA	GR-1	138 32 46	35 04 40	800300	SMAC-Q		000000
1014	FUJI	GR-1	138 40 45	35 10 25	810300	SMAC-Q		000000
1017	J.H.P.C. LAB.	GR-1	139 25 43	35 34 17	830200	SMAC-Q	W00N	000000
914	YAESU U.G.S.	US-1	139 46 20	35 40 40	791100	SMAC-Q	N50E	000000
914	YAESU U.G.S.	US-2	139 46 20	35 40 40	791100	SMAC-Q	S50W	000000
914	YAESU U.G.S.	US-3	139 46 20	35 40 40	791100	SMAC-Q	S50W	000000

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1401	TONEGAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	690300	SMAC-D		000000
1401	TONEGAWA ESTUARY DAM	ES-1	140 42 25	35 50 06	690600	SMAC-D		000000

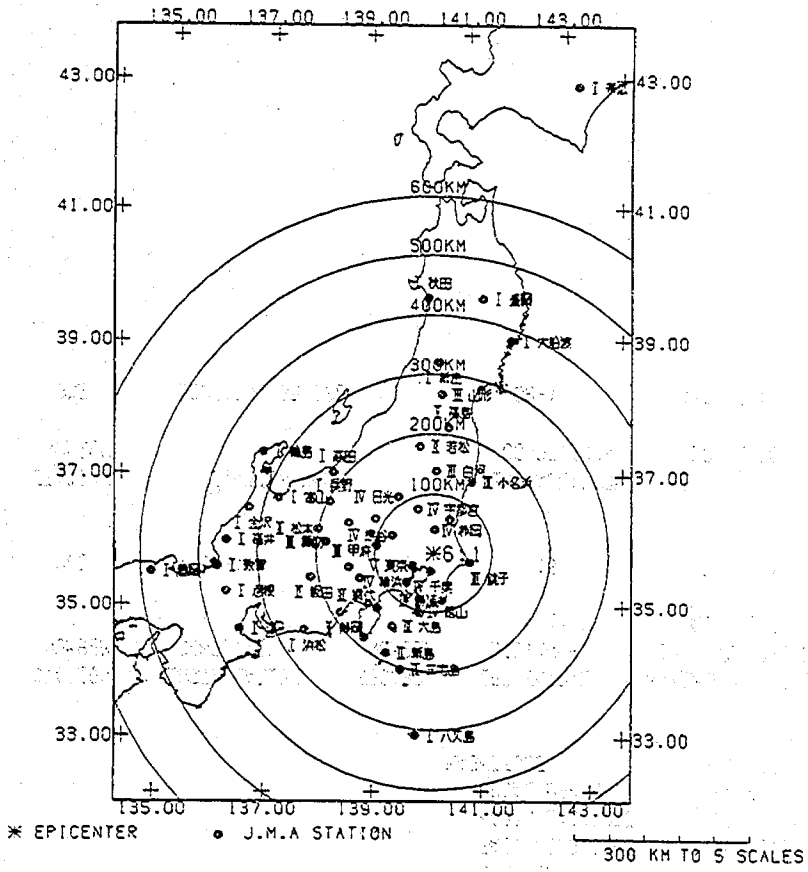




ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.10.04 21:25(JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	140° 9'5"
NORTH LATITUDE	35°52'1"
FOCAL DEPTH	78KM
MAGNITUDE	6.1(J.M.A. MAGNITUDE)

Figure 4—1—18 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 85018



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.10.04 21:25(JAPAN STANDARD TIME)
EPICENTRAL REGION	SOUTHERN IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	140° 9.5'
NORTH LATITUDE	35° 52.1'
FOCAL DEPTH	78KM
MAGNITUDE	6.1(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
V	TOKYO	139 45.5	35 41.2	41.4
IV	CHIBA	140 6.0	35 36.0	30.3
	KAKIOKA	140 11.5	36 13.9	40.5
	YOKOHAMA	139 39.4	35 26.2	66.0
	KUMAGAYA	139 23.0	36 8.8	76.3
	UTSUNOMIYA	139 52.3	36 32.8	79.7
	TATEYAMA	139 52.1	34 59.0	101.8
	NIKKO	139 30.0	36 44.0	112.8
III	MITO	140 28.3	36 22.7	63.3
	CHOSHI	140 50.6	35 43.5	63.8
	KATSUURA	140 19.0	35 9.0	81.1
	CHICHIBU	139 4.9	35 59.5	97.9
	MAEBASHI	139 3.9	36 24.1	114.7
	KAWAGUCHIKO	138 45.8	35 29.9	132.5
	AJIRO	139 5.8	35 2.9	132.9
	ONAHAMA	140 54.4	36 56.7	137.1
	SHIRAKAWA	140 13.5	37 7.1	139.1
	OSHIMA	139 22.6	34 45.8	141.9
	KOFU	138 33.4	35 39.9	146.2
	KARUIZAWA	138 33.0	36 20.3	153.6
	SUWA	138 7.0	36 3.0	184.8
	MIYAKEJIMA	139 31.0	34 7.0	203.3
	YAMAGATA	140 20.9	38 15.2	265.6
II	MISHIMA	138 55.8	35 6.7	139.4
	WAKAMATSU	139 55.0	37 29.0	180.8
	NIIJIMA	139 15.0	34 22.0	186.3
	SHIZUOKA	138 24.4	34 58.4	187.3
	MATSUMOTO	137 58.4	36 14.6	200.7
	FUKUSHIMA	140 28.5	37 45.4	211.8
	IIDA	137 50.2	35 30.6	213.4
I	IROZAKI	138 50.8	34 36.0	184.6
	NAGANO	138 11.7	36 39.6	196.8
	TAKADA	138 15.0	37 6.3	219.1
	HAMAMATSU	137 43.4	34 42.4	255.9
	TOYAMA	137 12.3	36 42.4	280.6
	HACHIJOJIMA	139 47.3	33 6.1	309.4
	SHINJO	140 18.0	38 45.0	320.6
	KANAZAWA	136 38.9	36 32.8	323.7
	WAJIMA	136 53.9	37 23.4	336.4
	FUKUI	136 13.6	36 3.2	354.3

TOTAL STATION NUMBER : 48
NO DISPLAY STATION NUMBER : 8

Figure 4—2—18 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 85018

Table 4—19 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85019
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.10.17 22:06 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	EASTERN SAITAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	139 52.5'
	NORTH LATITUDE	35 52.1'
	FOCAL DEPTH	67 KM
	MAGNITUDE	4.5 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
902	GR-1	58	15	3	1	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889

Table 4—20 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	85020
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1985.11.06 00:30 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SOUTHERN BOSO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	140 14.4'
	NORTH LATITUDE	35 21.3'
	FOCAL DEPTH	63 KM
	MAGNITUDE	5.0 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
902	GR-1	59	58	13	5	13						
902	PI-2	39	59	3	1	7						
913	GR-2	4	27	0	0	0						
913	PI-1	17	27	0	0	0						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889
902	NISHIARAI BRIDGE	PI-2	139 47 33	35 45 20	620300	SMAC-B2	N03E	037891
913	AMATSU BRIDGE	GR-2	140 10 20	35 07 28	791100	SMAC-Q	N30E	000000
913	AMATSU BRIDGE	PI-1	140 10 20	35 07 28	791100	SMAC-Q	N30E	000000

Table 4—21 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	85021
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1985.11.22 13:17 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SW IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	139 58.6'
NORTH LATITUDE	36 1.9'
FOCAL DEPTH	52 KM
MAGNITUDE	4.9 (J.M.A.MAGNITUDE)

STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL) HA.	U-D	HB.	MAXIMUM VALUE OF ARRANGED RECORD(GAL) HA.	U-D	HB.	INDEX NUMBER HA.	U-D	HB.
106	GR-1	52	31	0	2	0						
106	PI-1	57	31	2	5	31						
902	GR-1	60	37	7	2	3						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
106	SOUKA BRIDGE	GR-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310233
106	SOUKA BRIDGE	PI-1	139 47 59	35 48 23	680306	SMAC-B2	N35E	310234
902	NISHIARAI BRIDGE	GR-1	139 47 46	35 45 06	620300	SMAC-B2	N03E	037889

5. 地震動の加速度記録

INDEX NO.の順に従い記録毎の地震動加速度の波形をFigure 5－1～Figure 5－18に示す。この波形は7章に示すディジタル数値をプロットしたものである。図中で縦軸は加速度（gal），横軸は時間（sec）であり，全ての図をとおして同縮尺で示されている。波形の上段はHA成分，中段はU－D成分，下段はHB成分であり，波形が1ページに収まらない場合には，次ページに後半部分を出力している。波形の先頭には，INDEX NUMBER, RECORD NUMBER, STATION NAME, MAXIMUM ACCELERATION, EARTHQUAKE NUMBERを示すとともに，タイトル部分にもEARTHQUAKE NUMBER, RECORD NUMBER, INDEX NUMBER示し，検索の助けとしている。

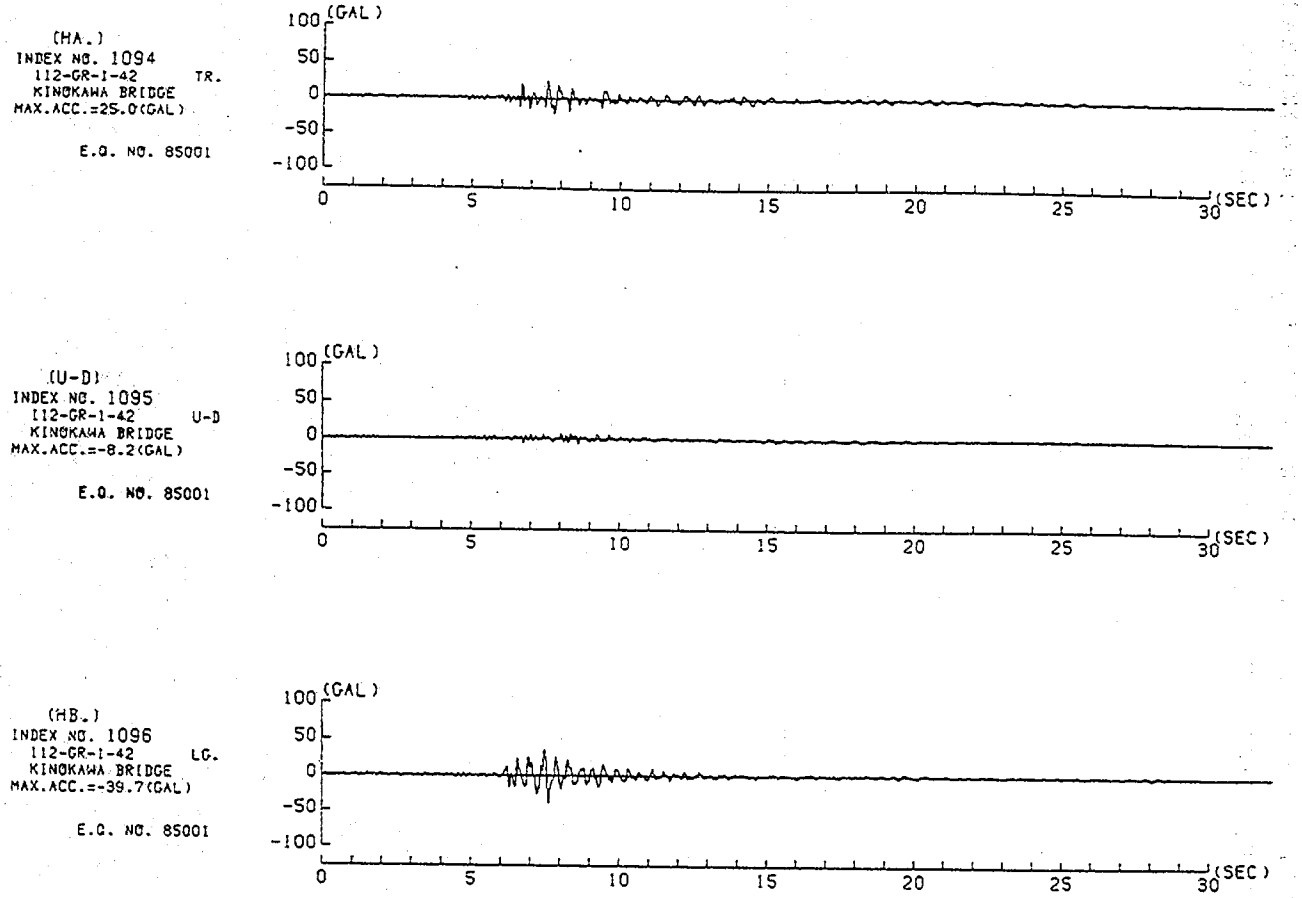


Figure 5—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85001
RECORD NUMBER 112-GR-1-42
INDEX NUMBER 1094 1095 1096

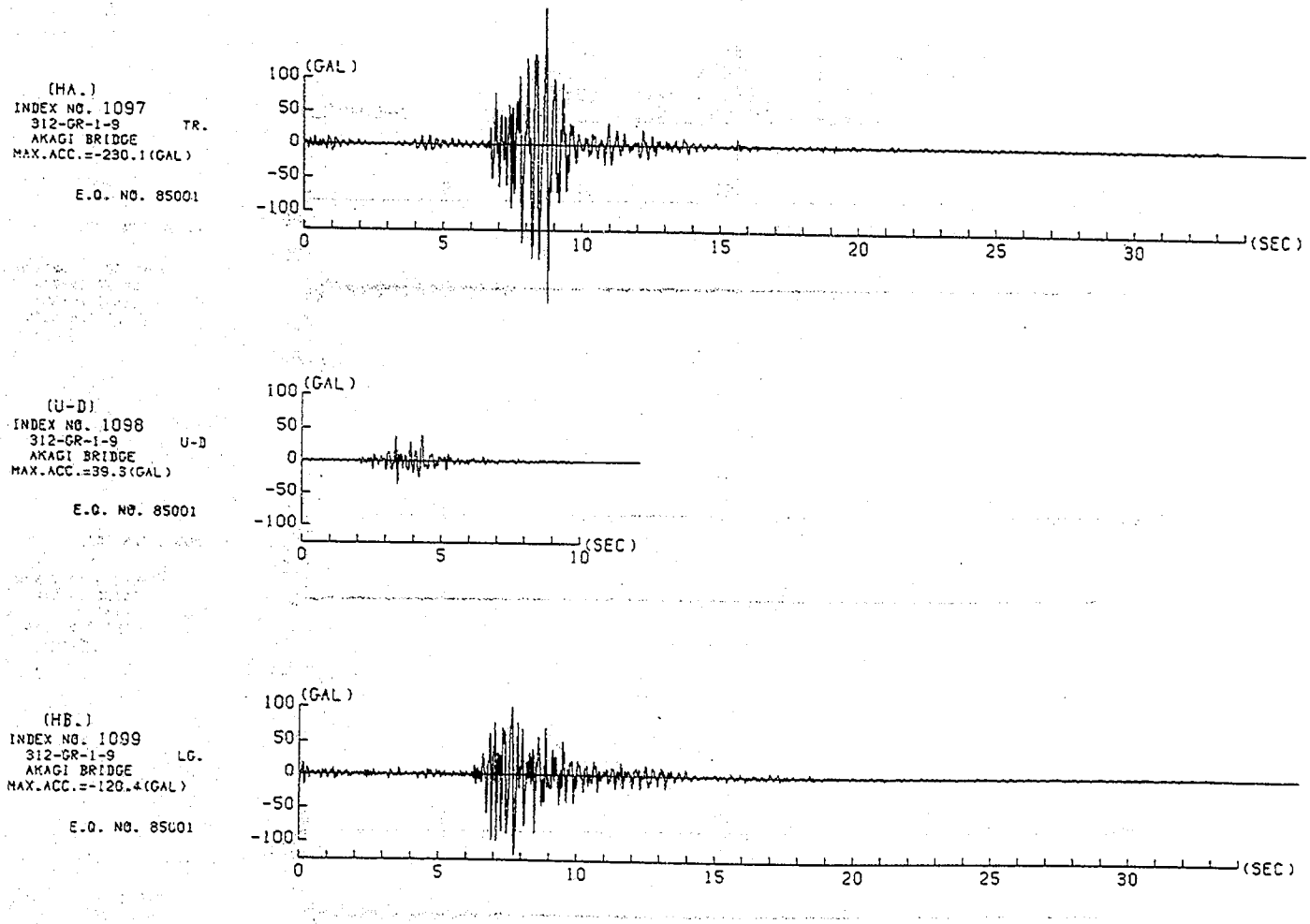


Figure 5—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85001
RECORD NUMBER 312-GR-1-9
INDEX NUMBER 1097 1098 1099

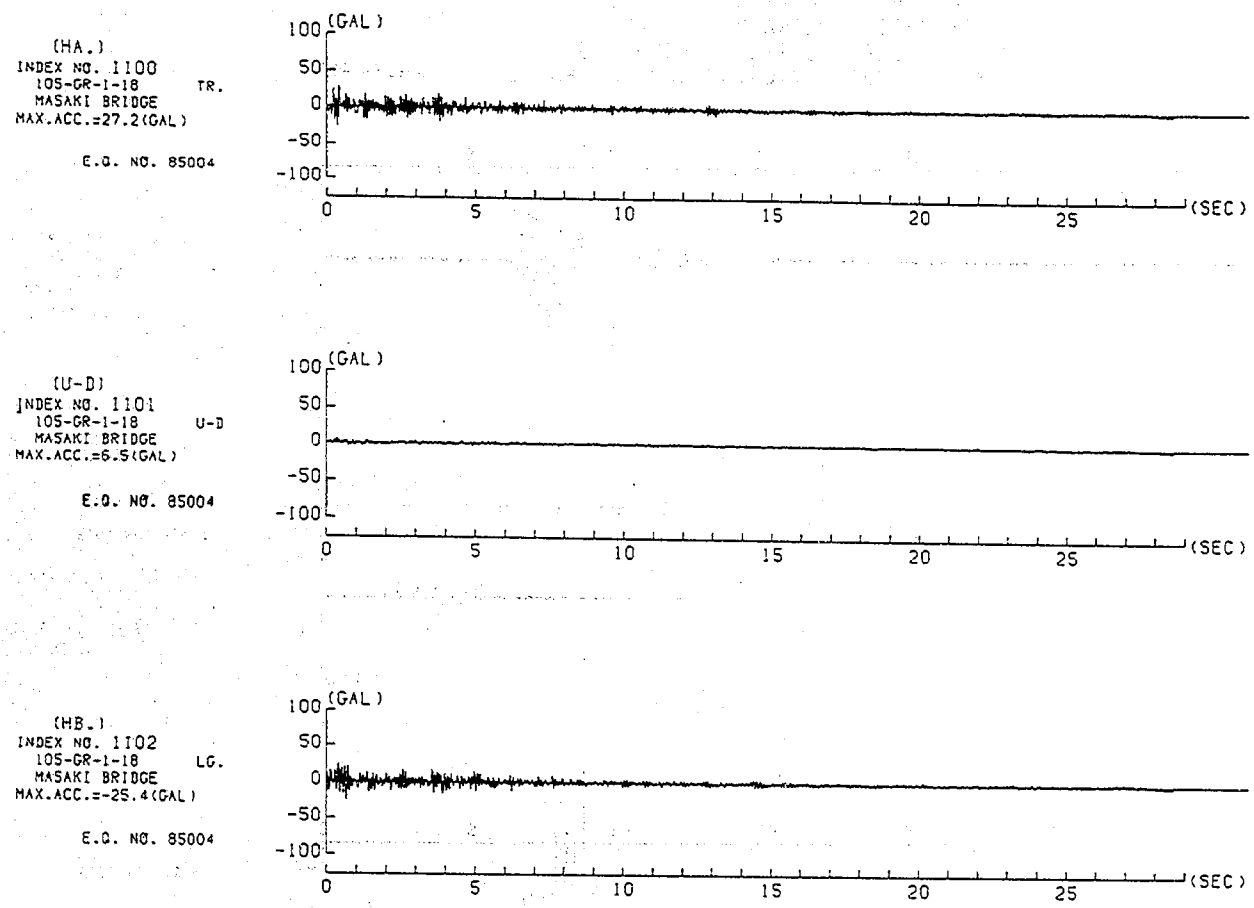


Figure 5—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85004
RECORD NUMBER 105-GR-1-18
INDEX NUMBER 1100 1101 1102

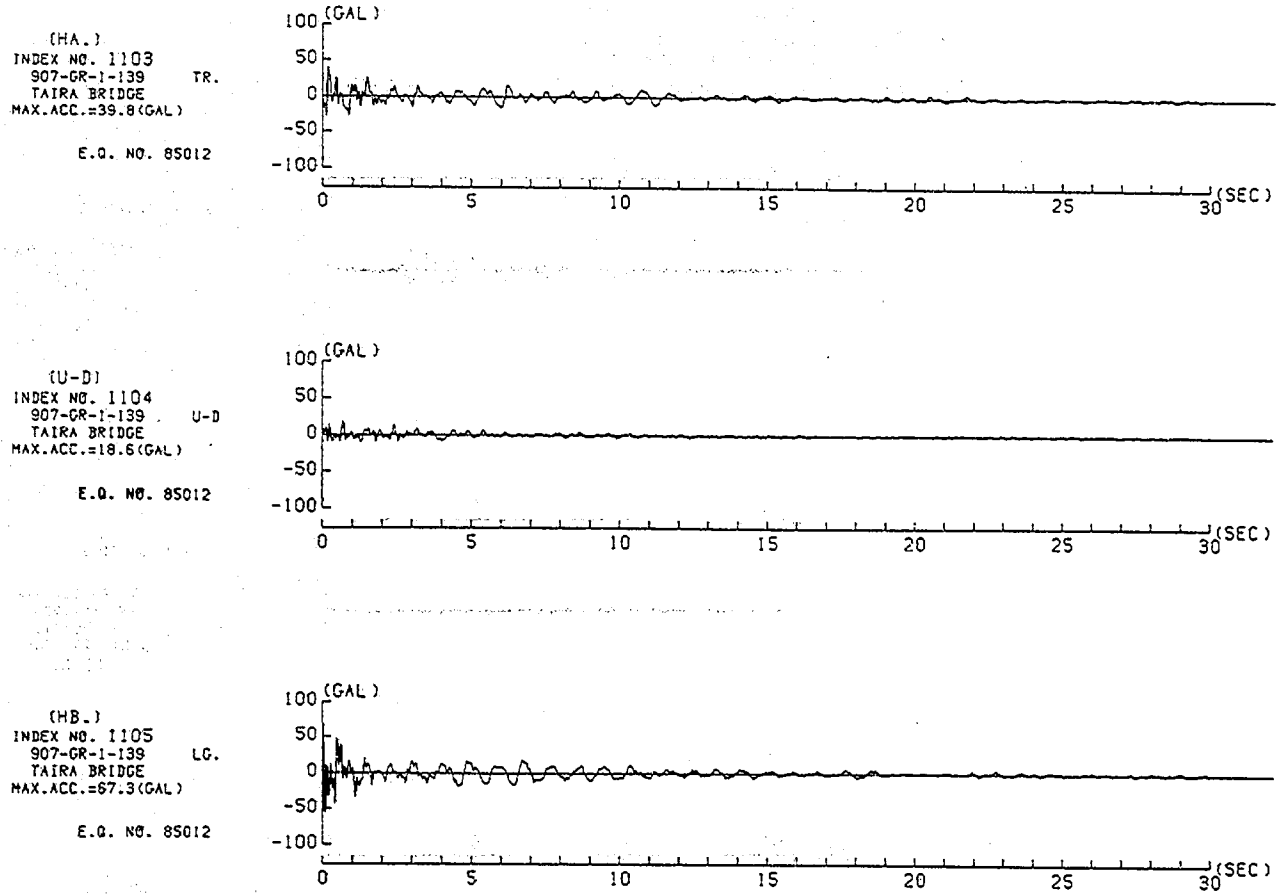


Figure 5—5 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85012
RECORD NUMBER 907-GR-1-139
INDEX NUMBER 1103 1104 1105

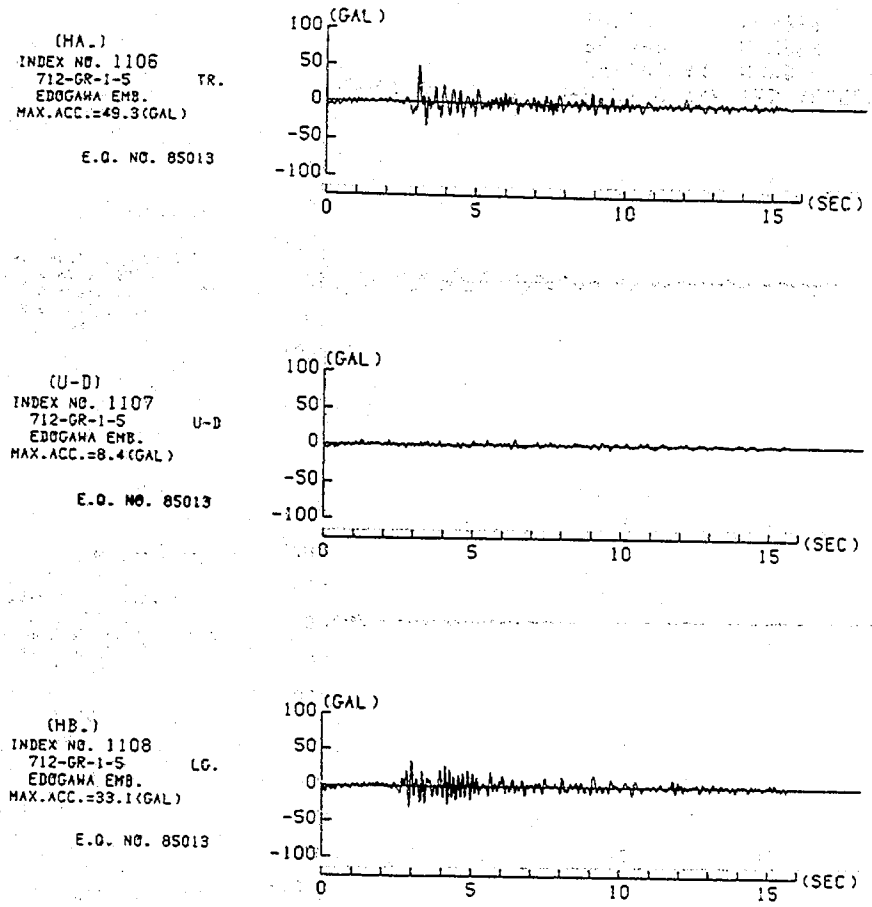


Figure 5—4 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85013
RECORD NUMBER 712-GR-1-5
INDEX NUMBER 1106 1107 1108

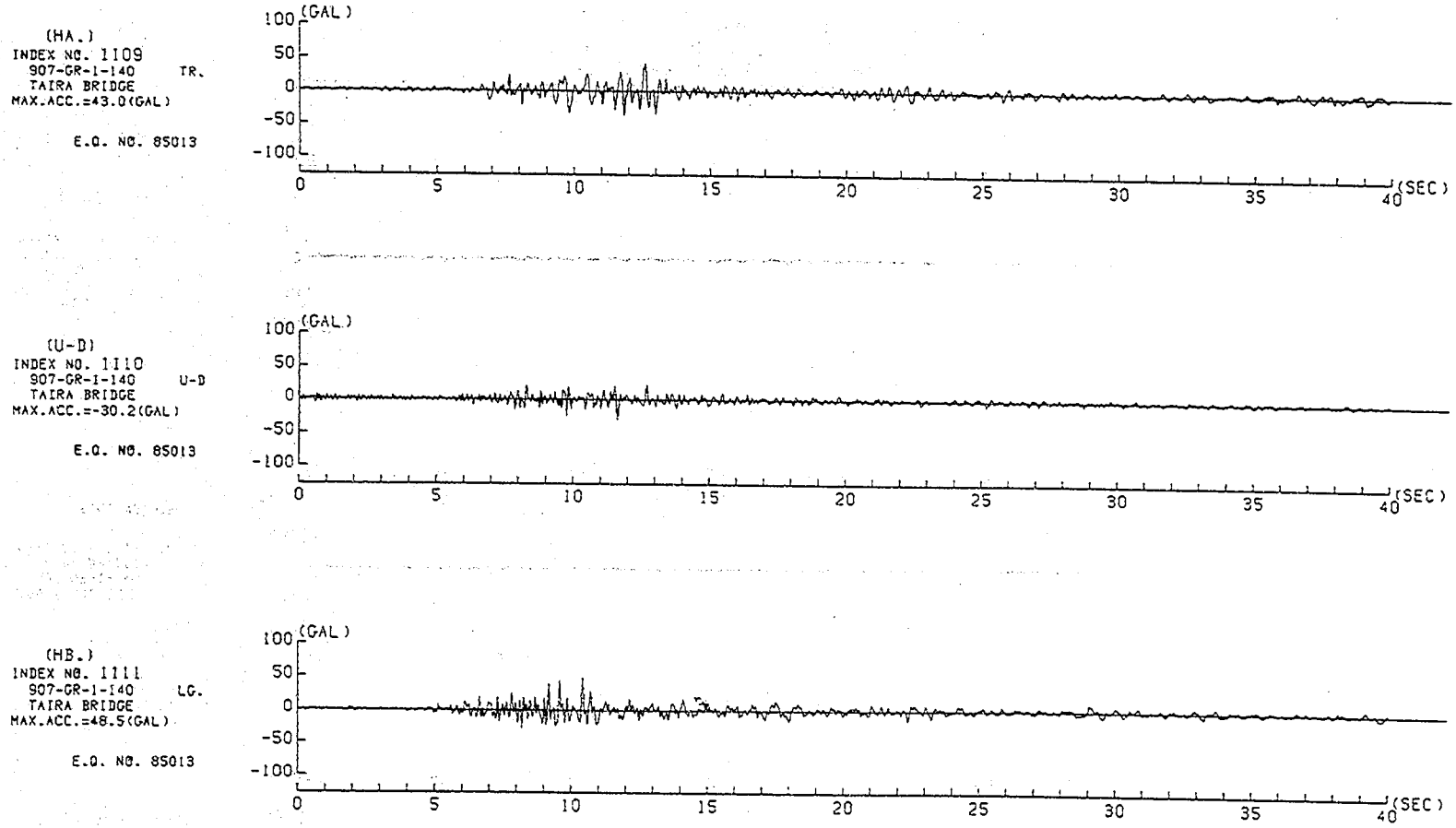


Figure 5—6—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85013
RECORD NUMBER 907-GR-1-140
INDEX NUMBER 1109 1110 1111

(6-1)

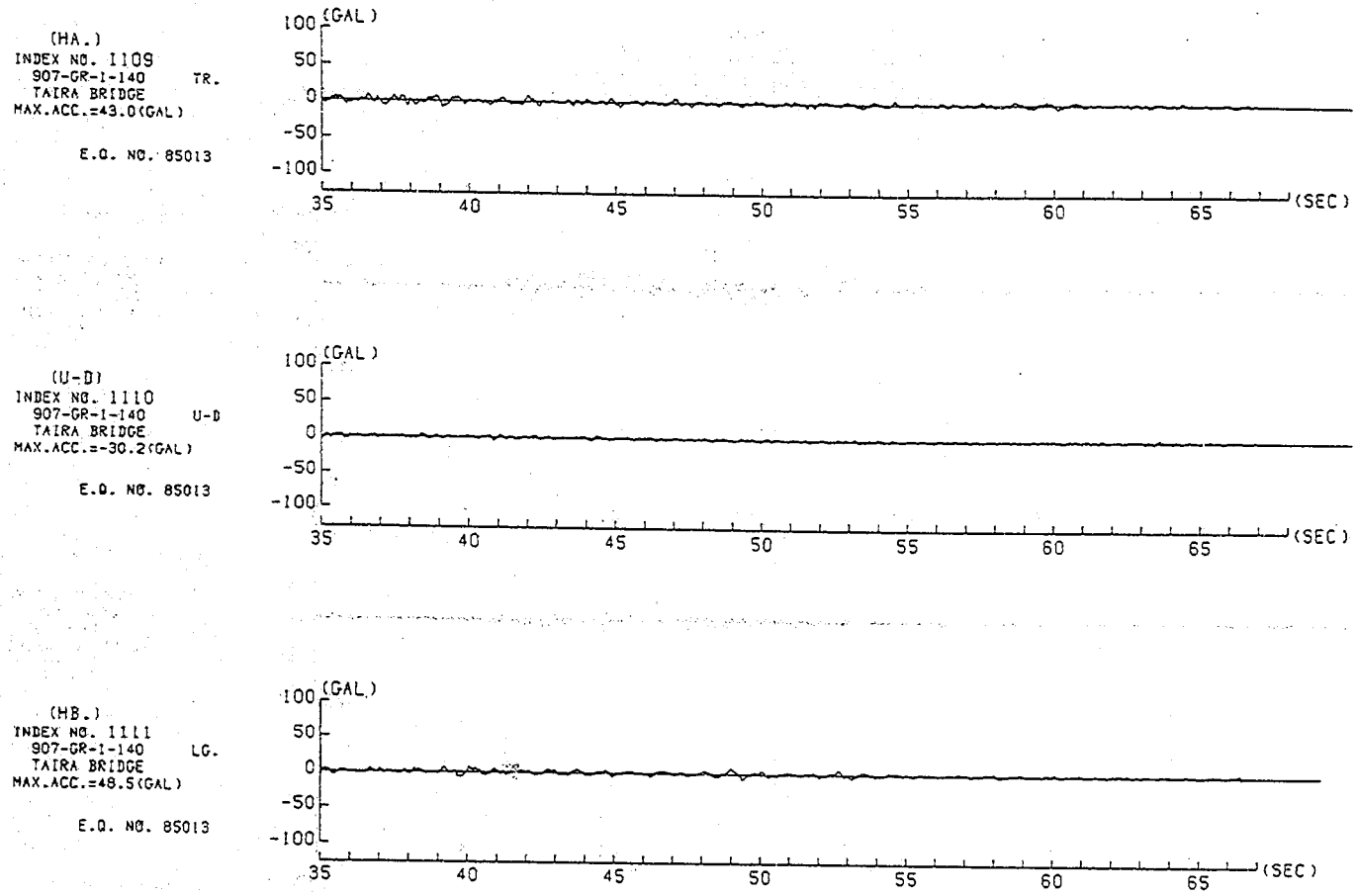


Figure 5—6—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85013
RECORD NUMBER 907-GR-1-140
INDEX NUMBER 1109 1110 1111

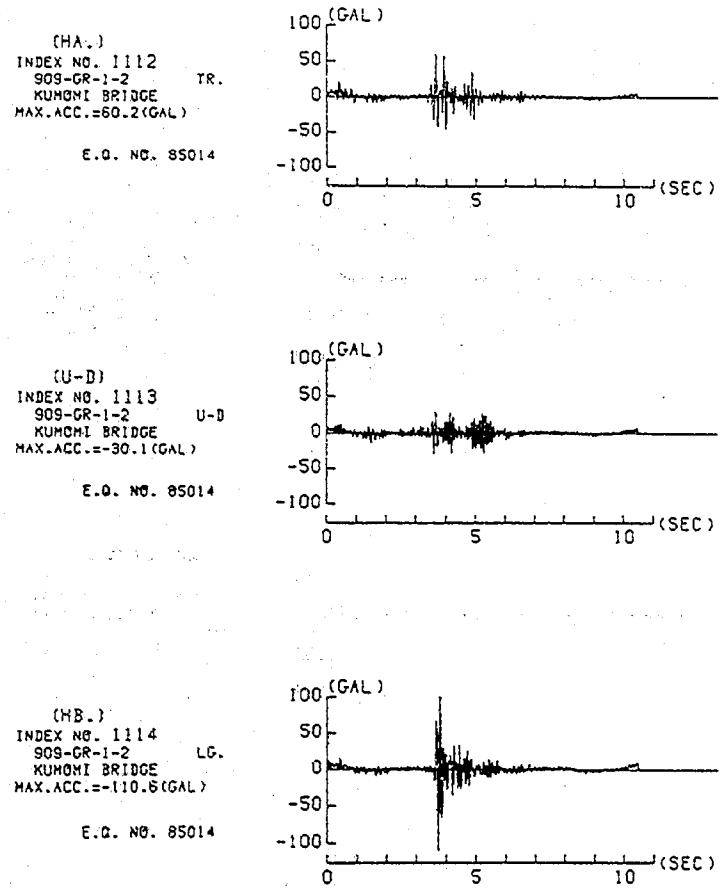


Figure 5—7 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85014
RECORD NUMBER 909-GR-1-2
INDEX NUMBER 1112 1113 1114

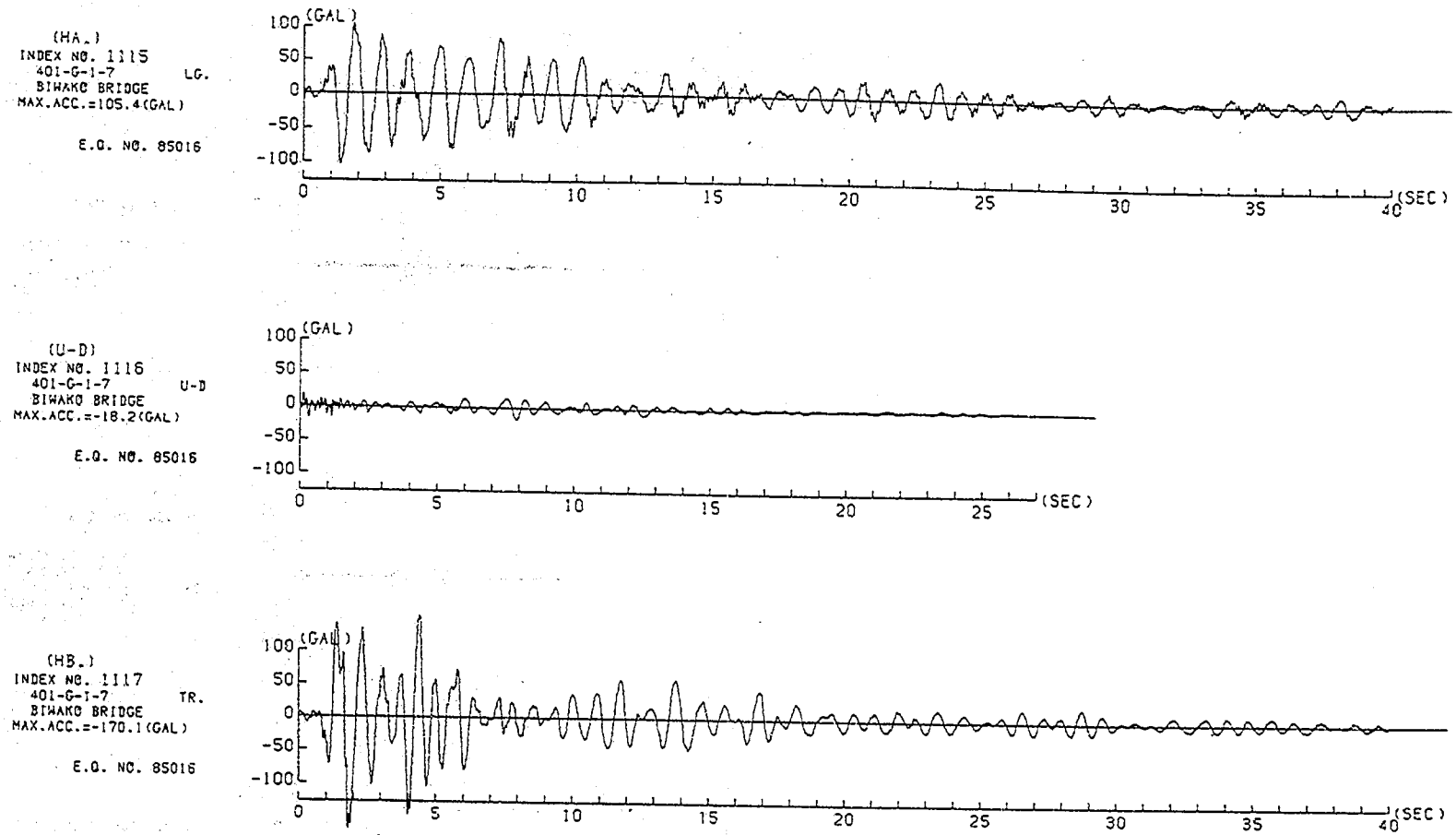


Figure 5—8—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85016
RECORD NUMBER 401-G-1-7
INDEX NUMBER 1115 1116 1117

(8-1)

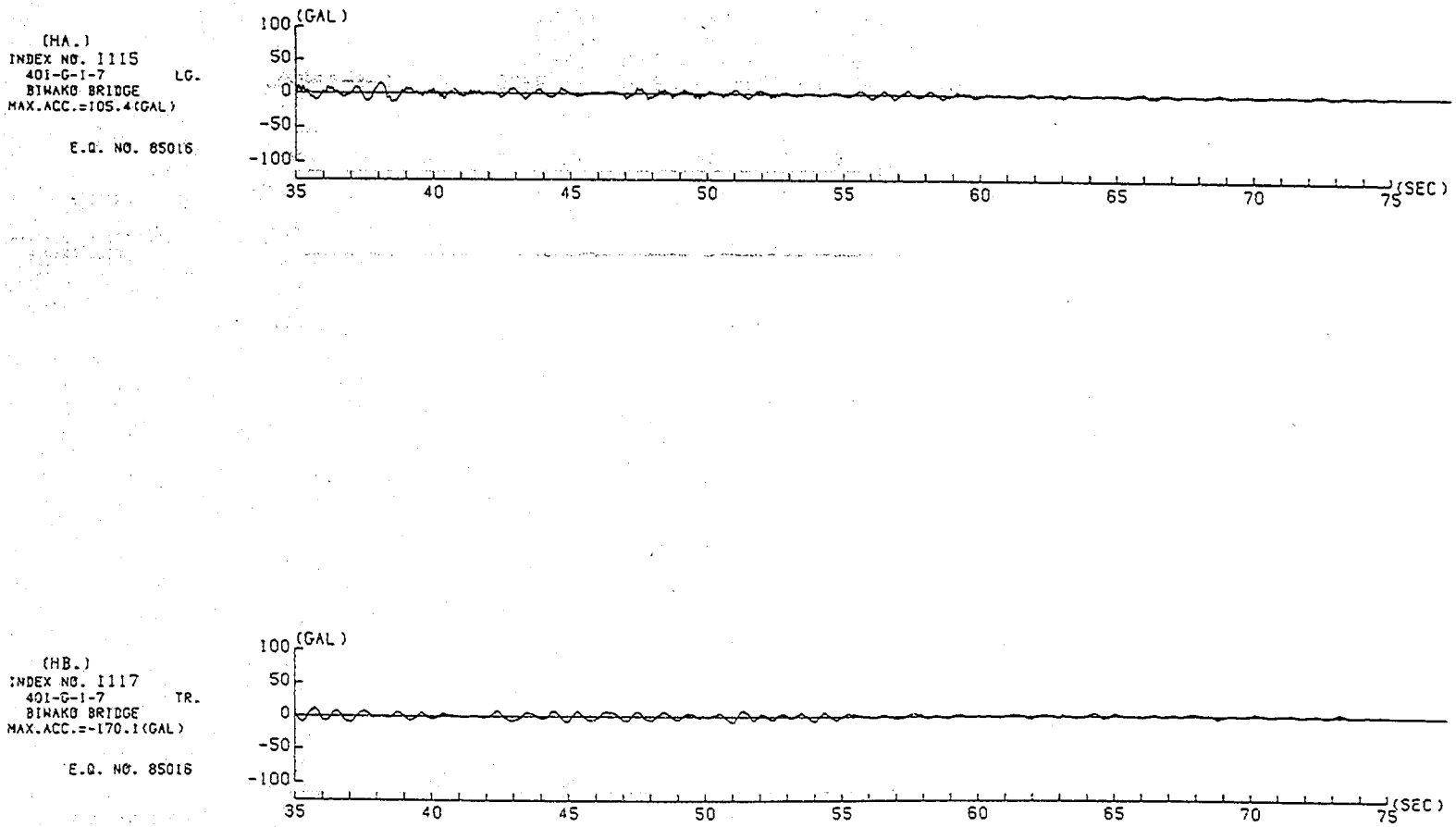
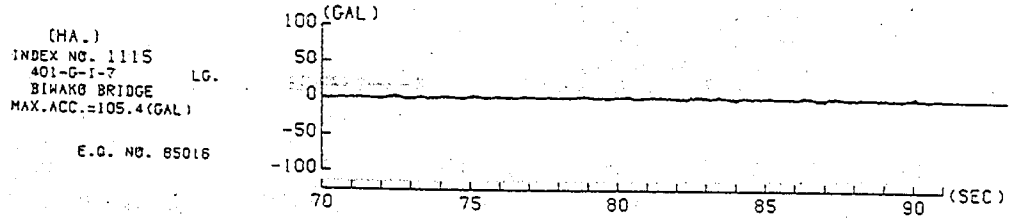


Figure 5—8—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85016
RECORD NUMBER 401-G-1-7
INDEX NUMBER 1115 1116 1117

(8-2)



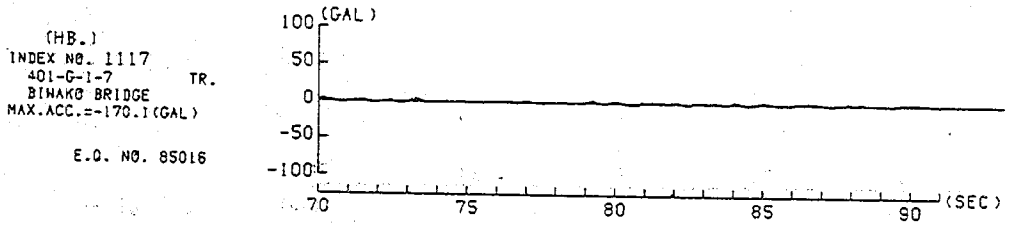


Figure 5—8—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85016
RECORD NUMBER 401-G-1-7
INDEX NUMBER 1115 1116 1117

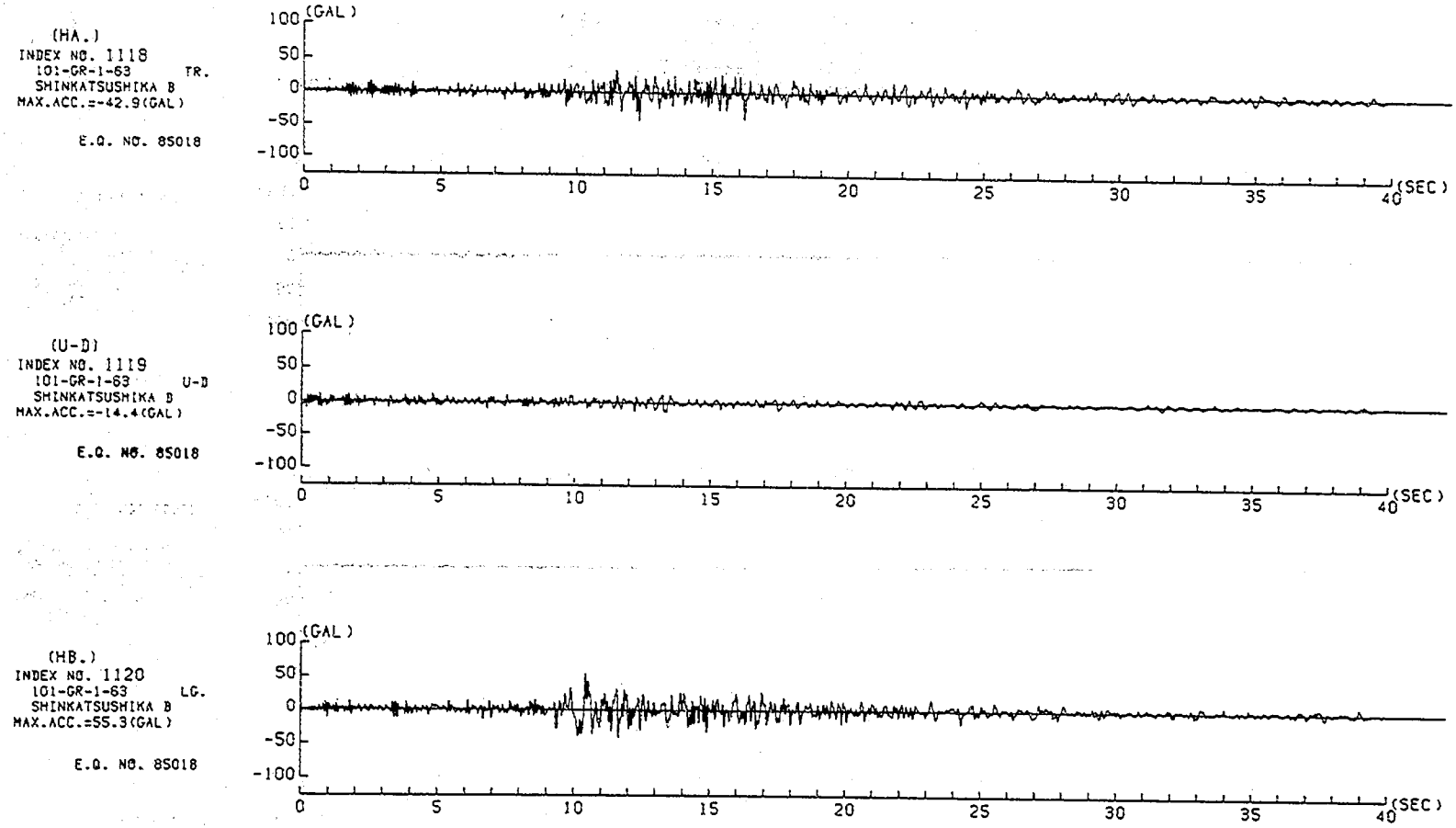


Figure 5—9—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 101-GR-1-63
INDEX NUMBER 1118 1119 1120

(9-1)

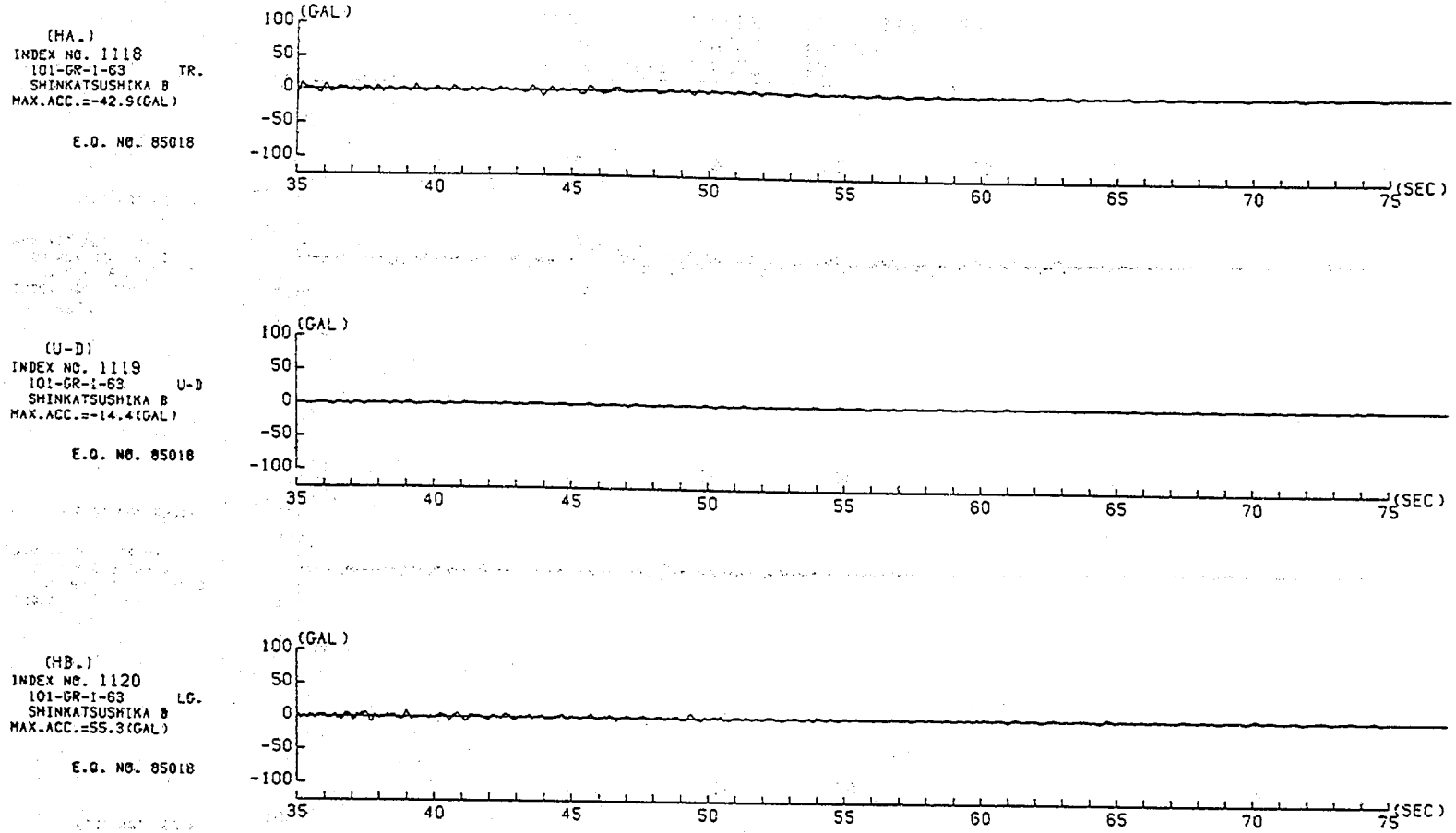


Figure 5—9—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 101-GR-1-63
INDEX NUMBER 1118 1119 1120

(9-2)

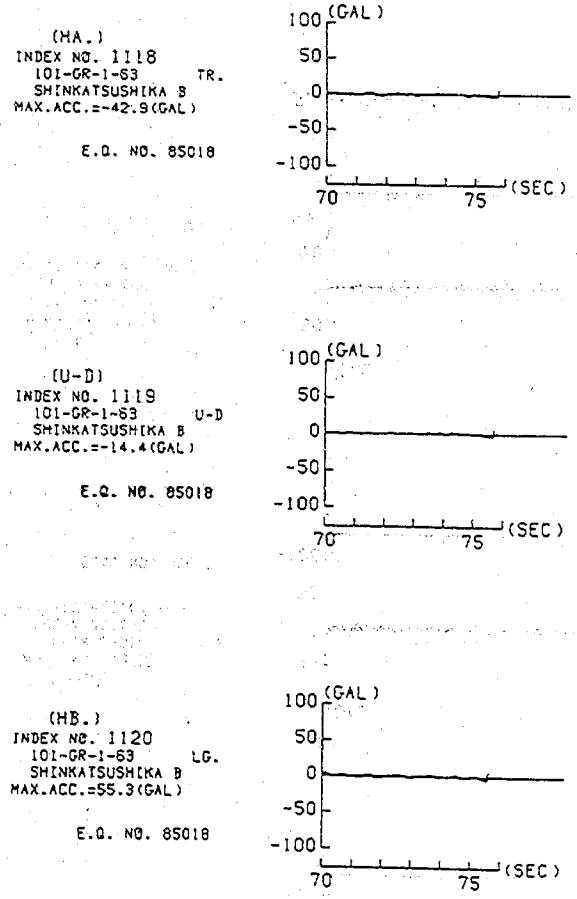


Figure 5—9—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 101-GR-1-63
INDEX NUMBER 1118 1119 1120

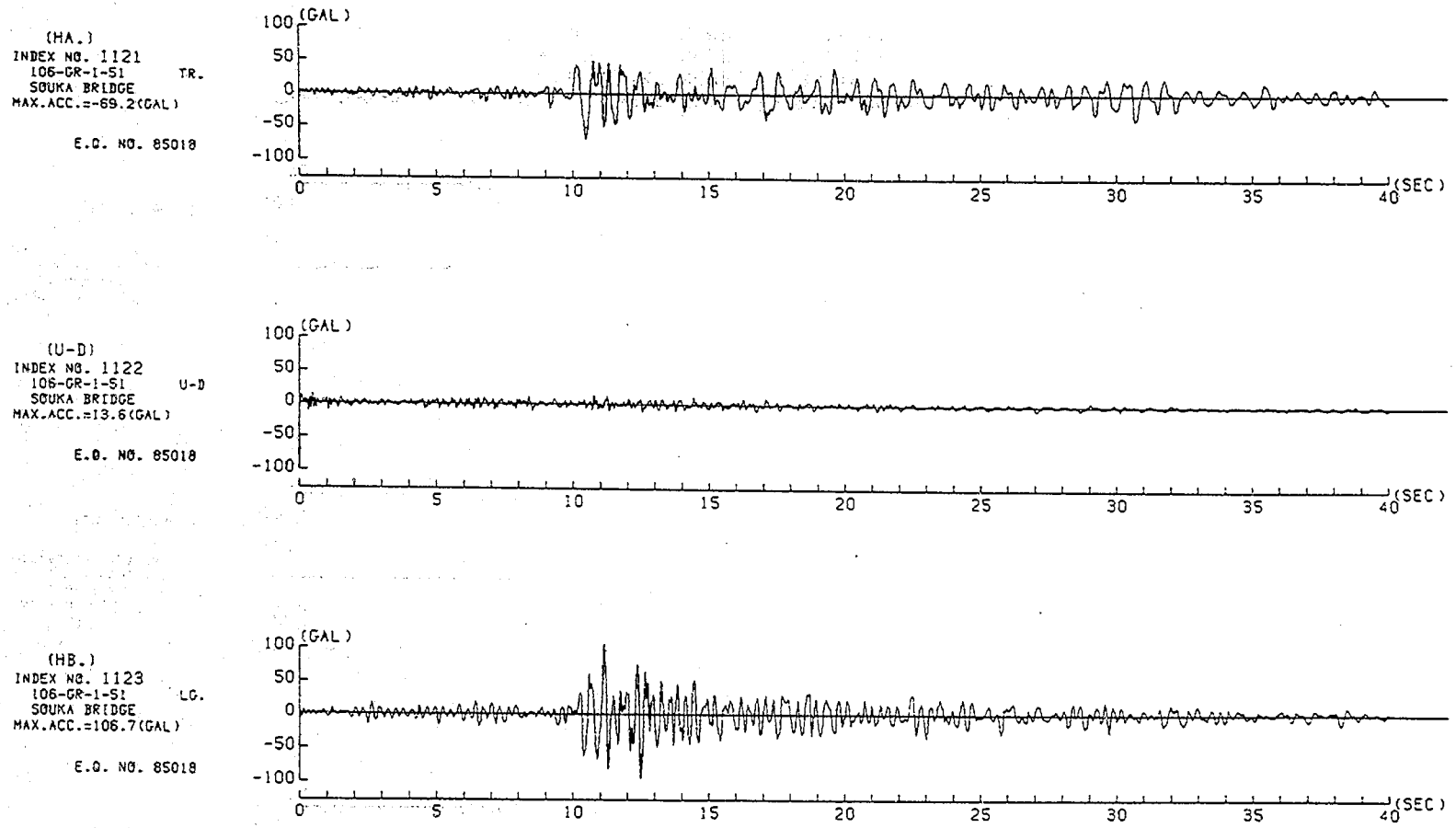


Figure 5—10—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 106-GR-1-51
INDEX NUMBER 1121 1122 1123

(10-1)

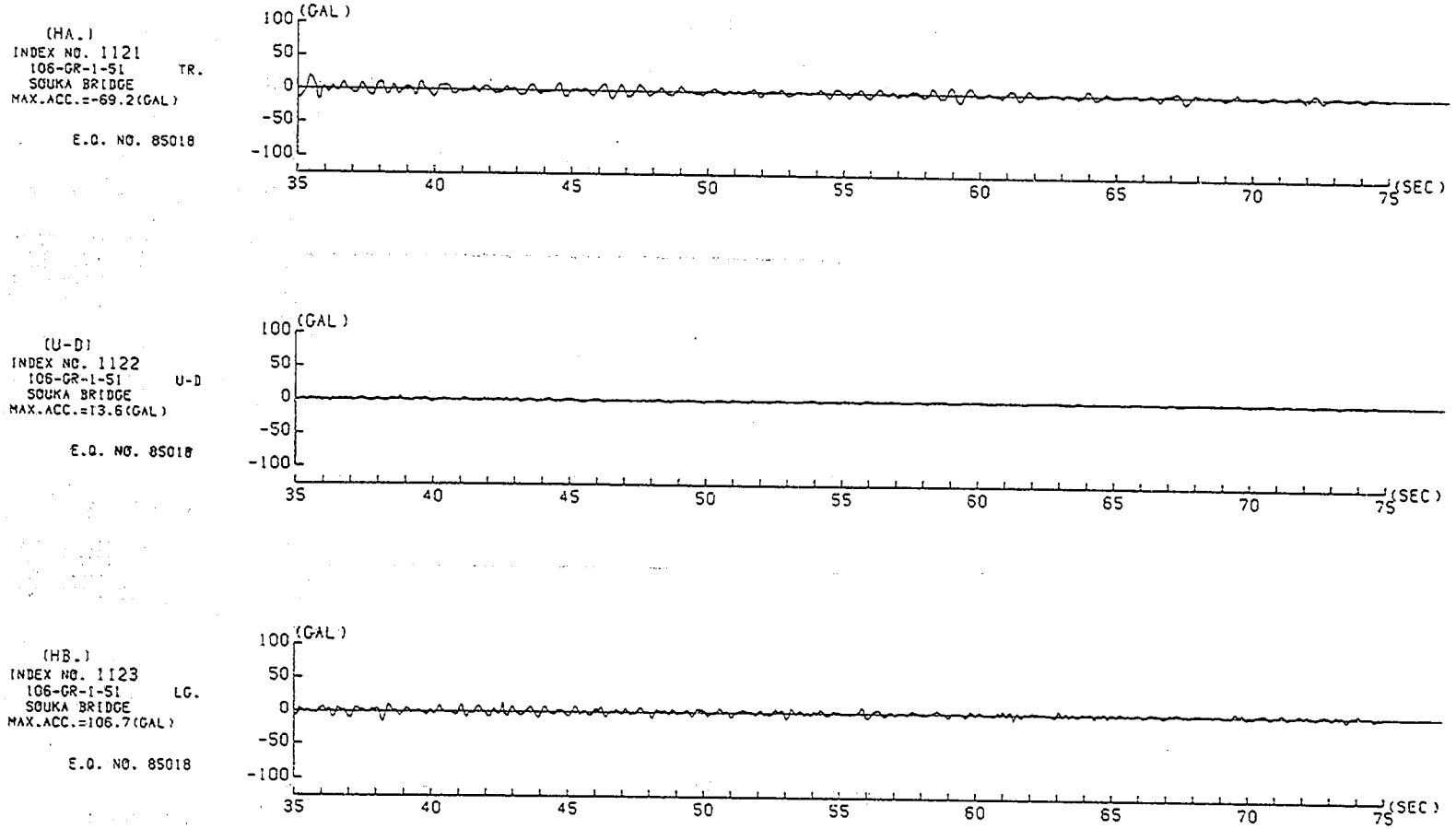


Figure 5—10—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 106-GR-1-51
INDEX NUMBER 1121 1122 1123

(10-2)

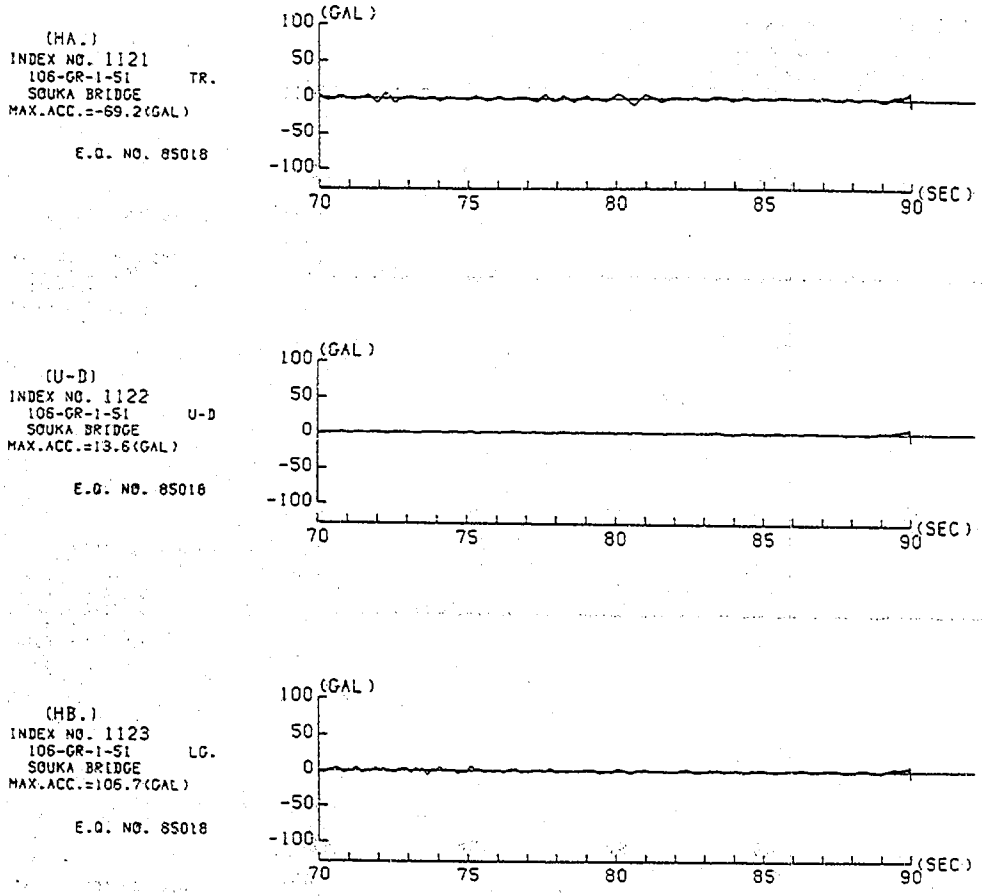


Figure 5—10—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 106-GR-1-S1
INDEX NUMBER 1121 1122 1123

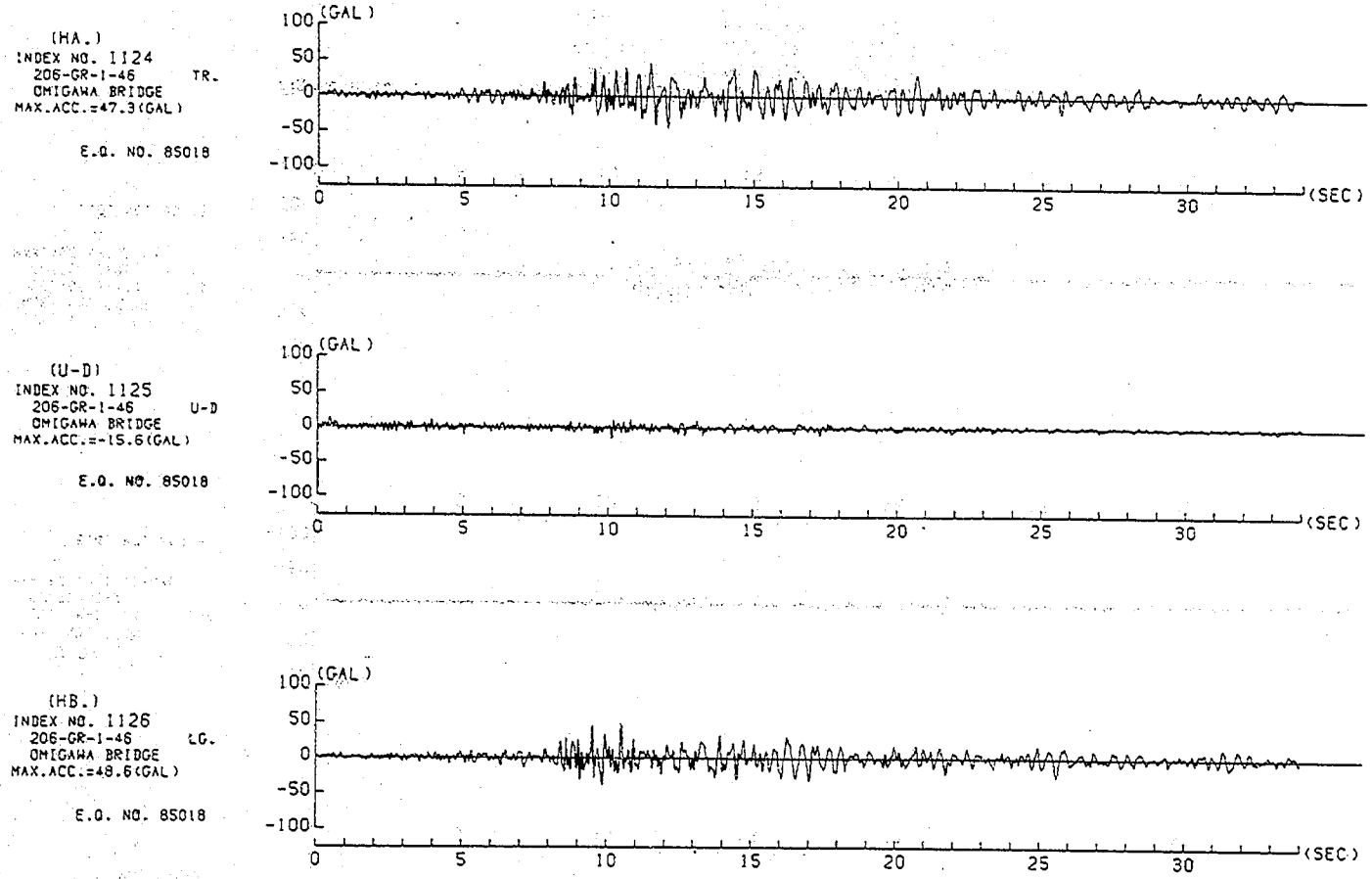


Figure 5—11 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 206-GR-1-46
INDEX NUMBER 1124 1125 1126

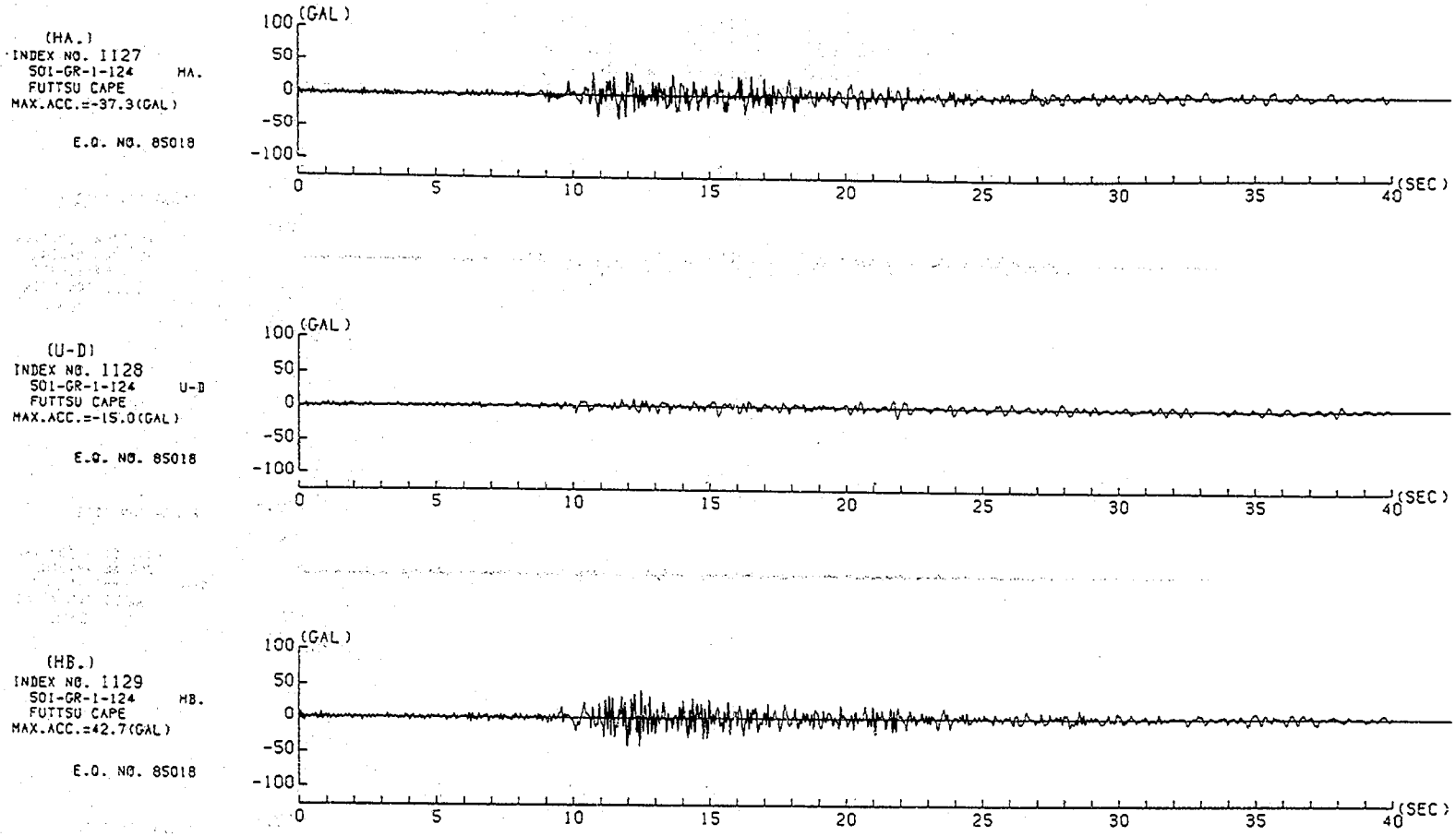


Figure 5—12—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 501-GR-1-124
INDEX NUMBER 1127 1128 1129

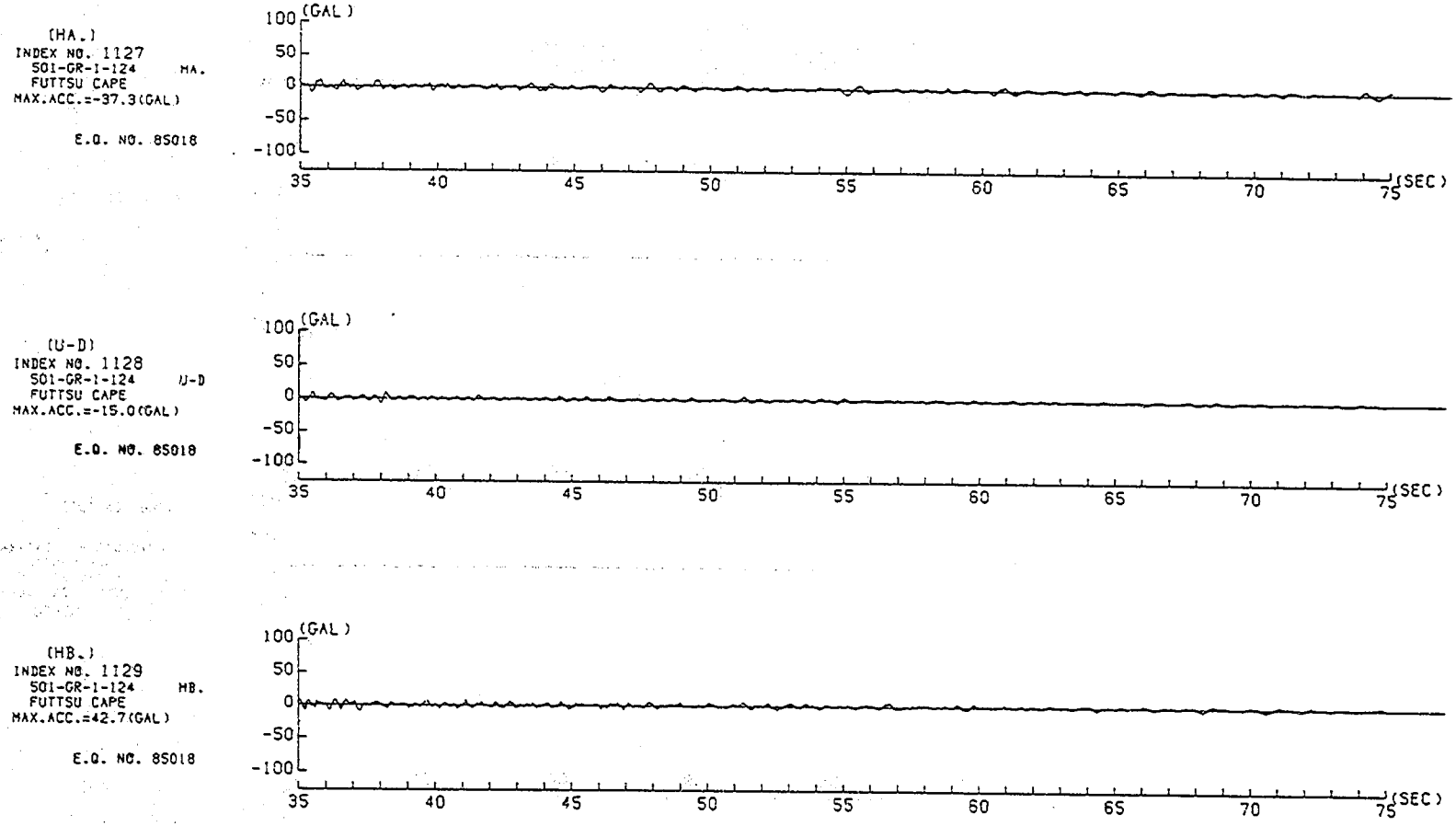


Figure 5—12—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER SO1-GR-1-124
INDEX NUMBER 1127 1128 1129

(12-2)

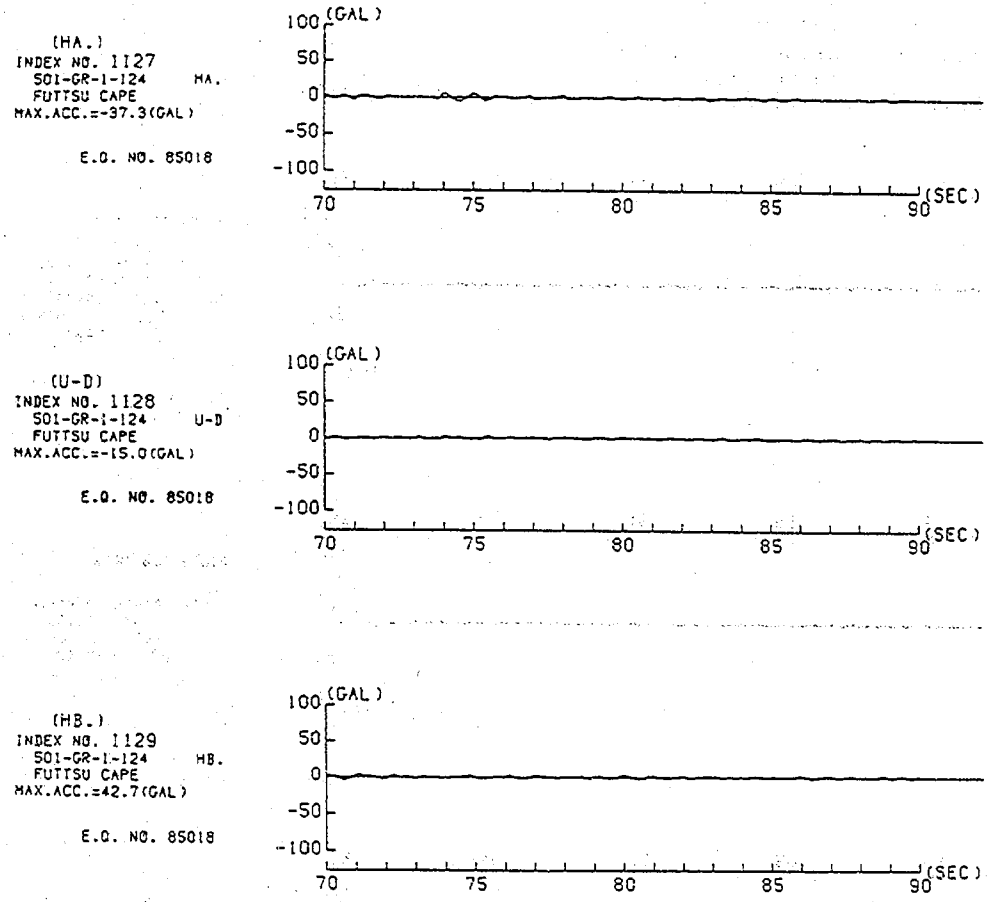


Figure 5—12—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 501-GR-1-124
INDEX NUMBER 1127 1128 1129

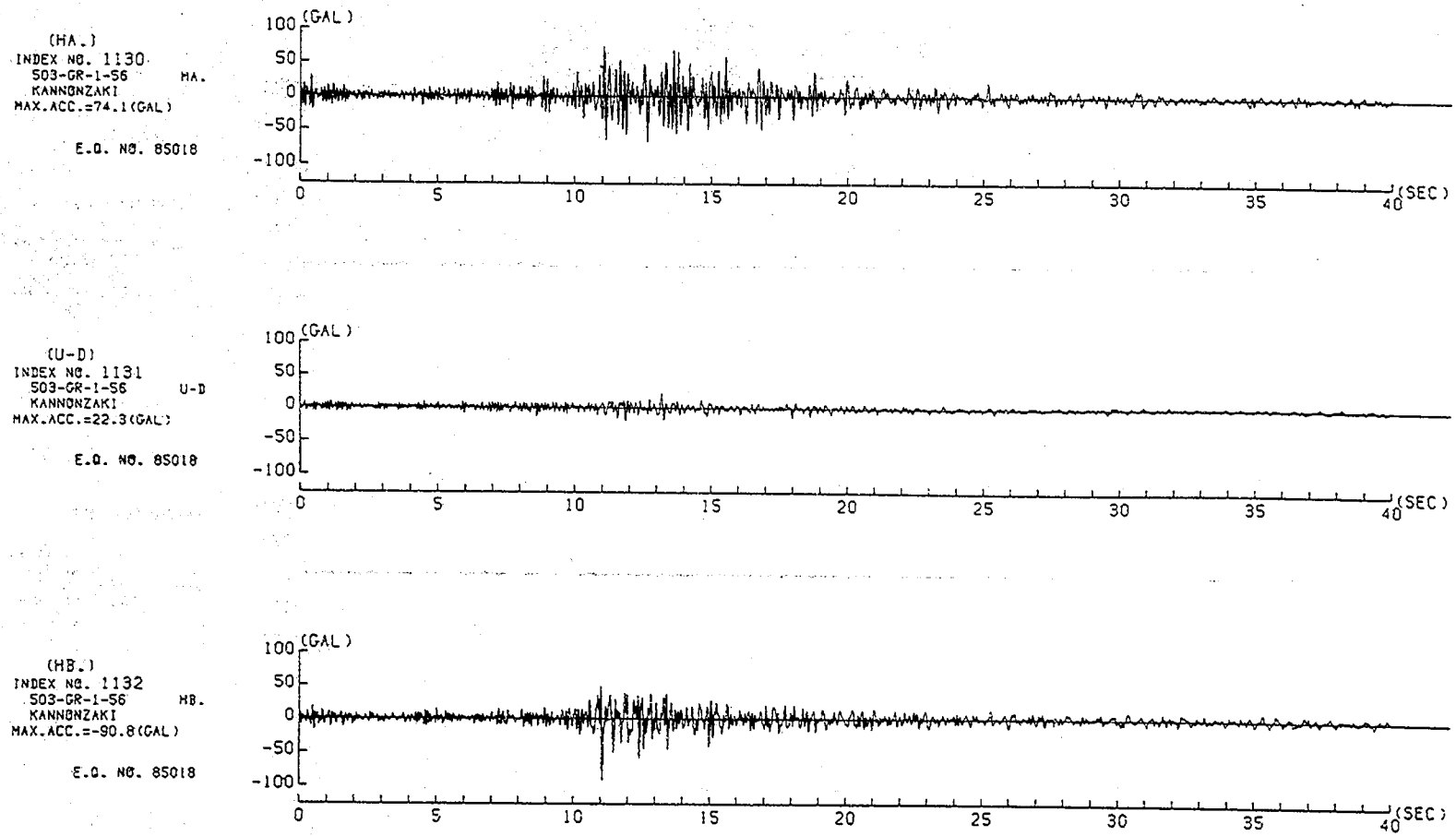


Figure 5—13—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 503-GR-1-56
INDEX NUMBER 1130 1131 1132

(13-1)

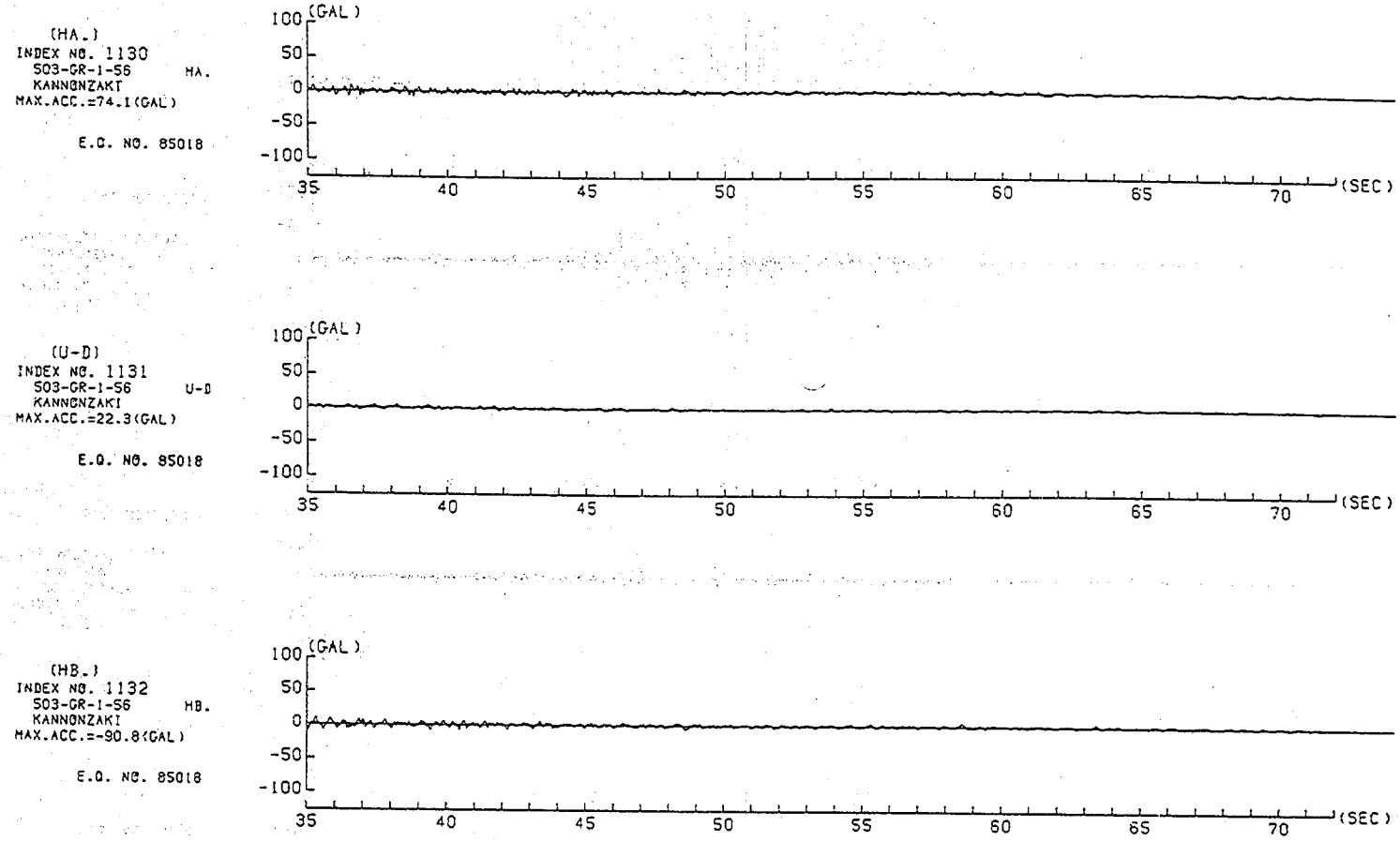


Figure 5—13—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 503-GR-1-56
INDEX NUMBER 1130 1131 1132

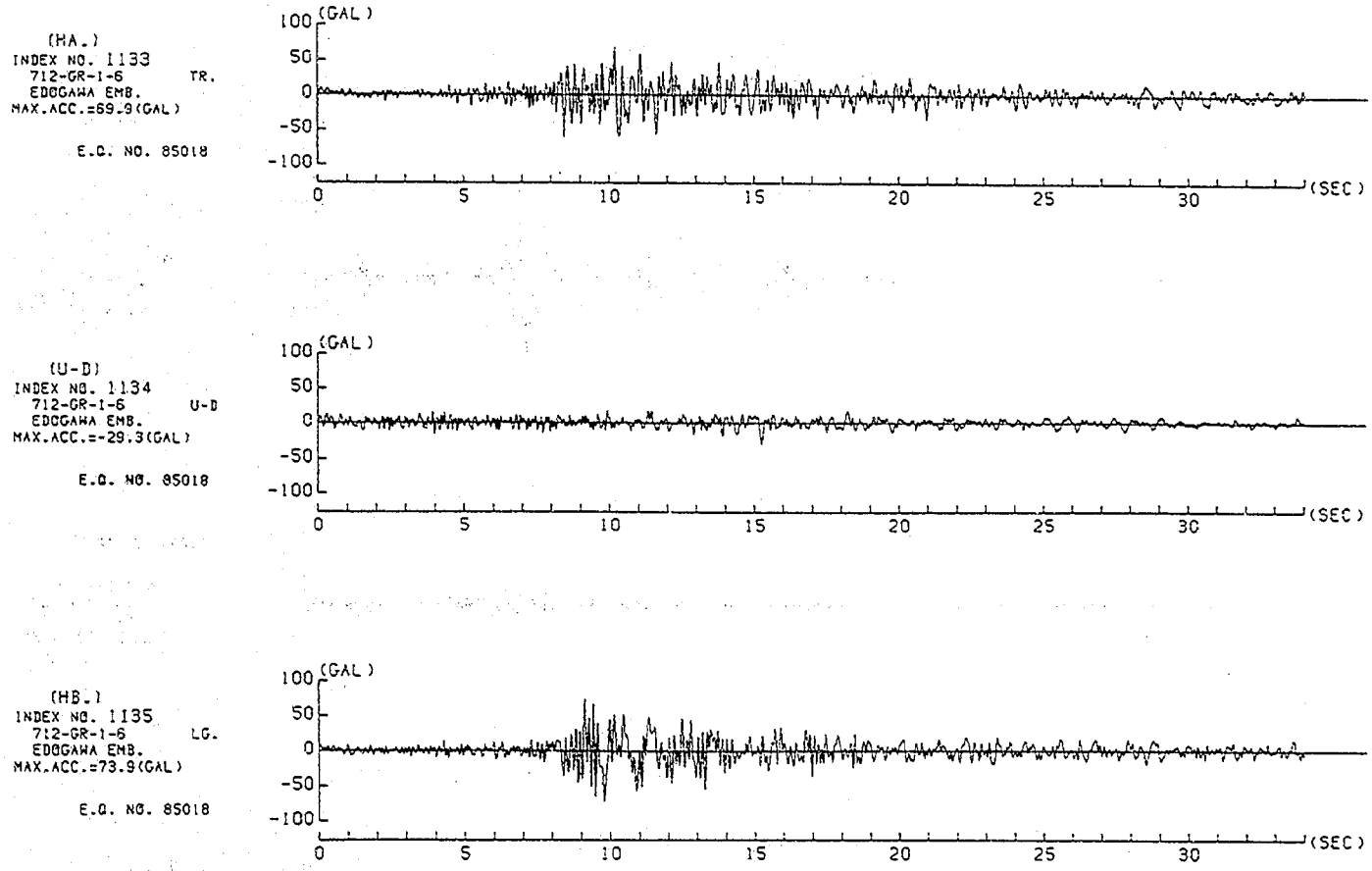


Figure 5—14 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 712-GR-1-6
INDEX NUMBER 1133 1134 1135

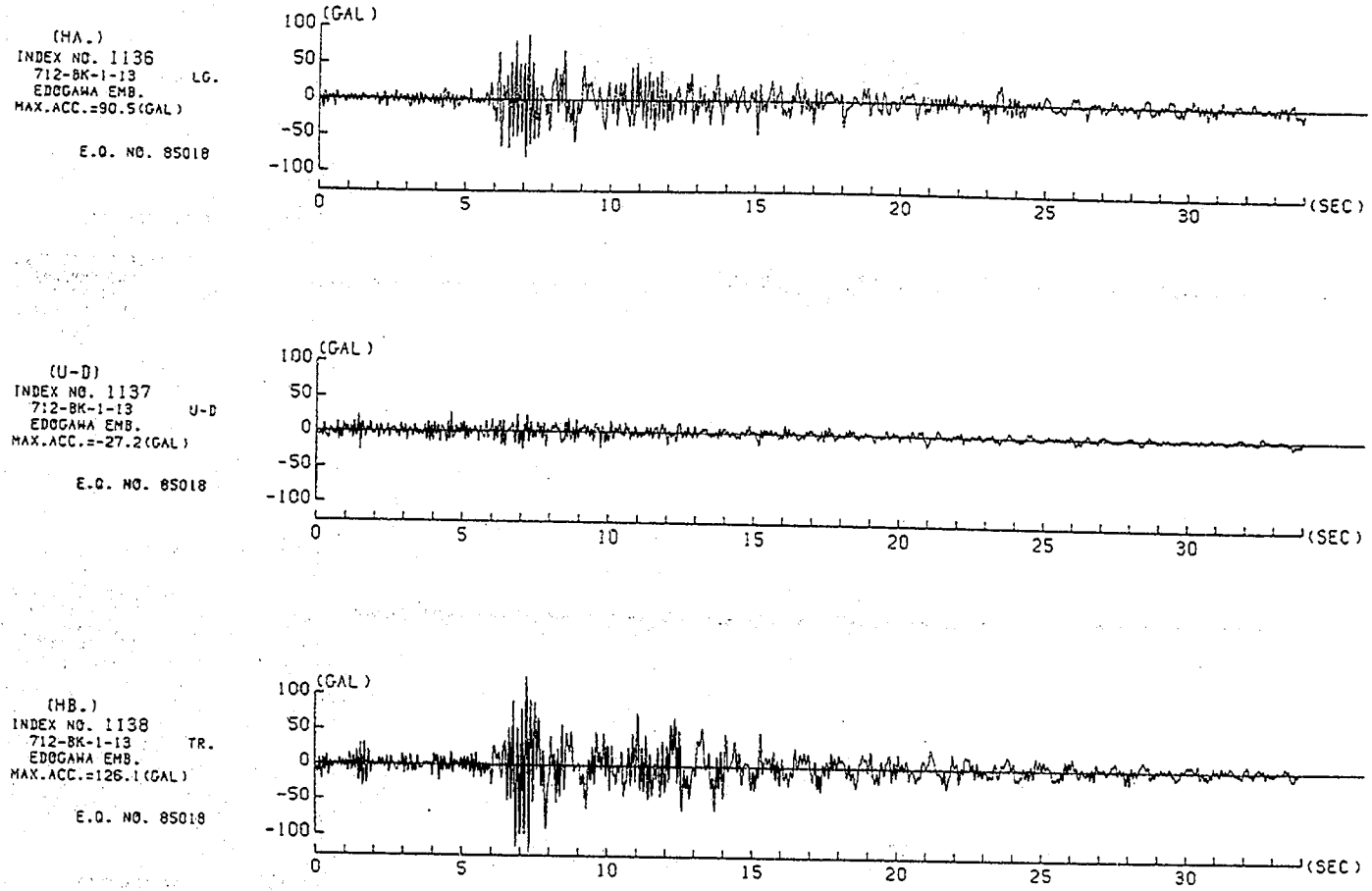


Figure 5—15 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 712-BK-1-13
INDEX NUMBER 1136 1137 1138

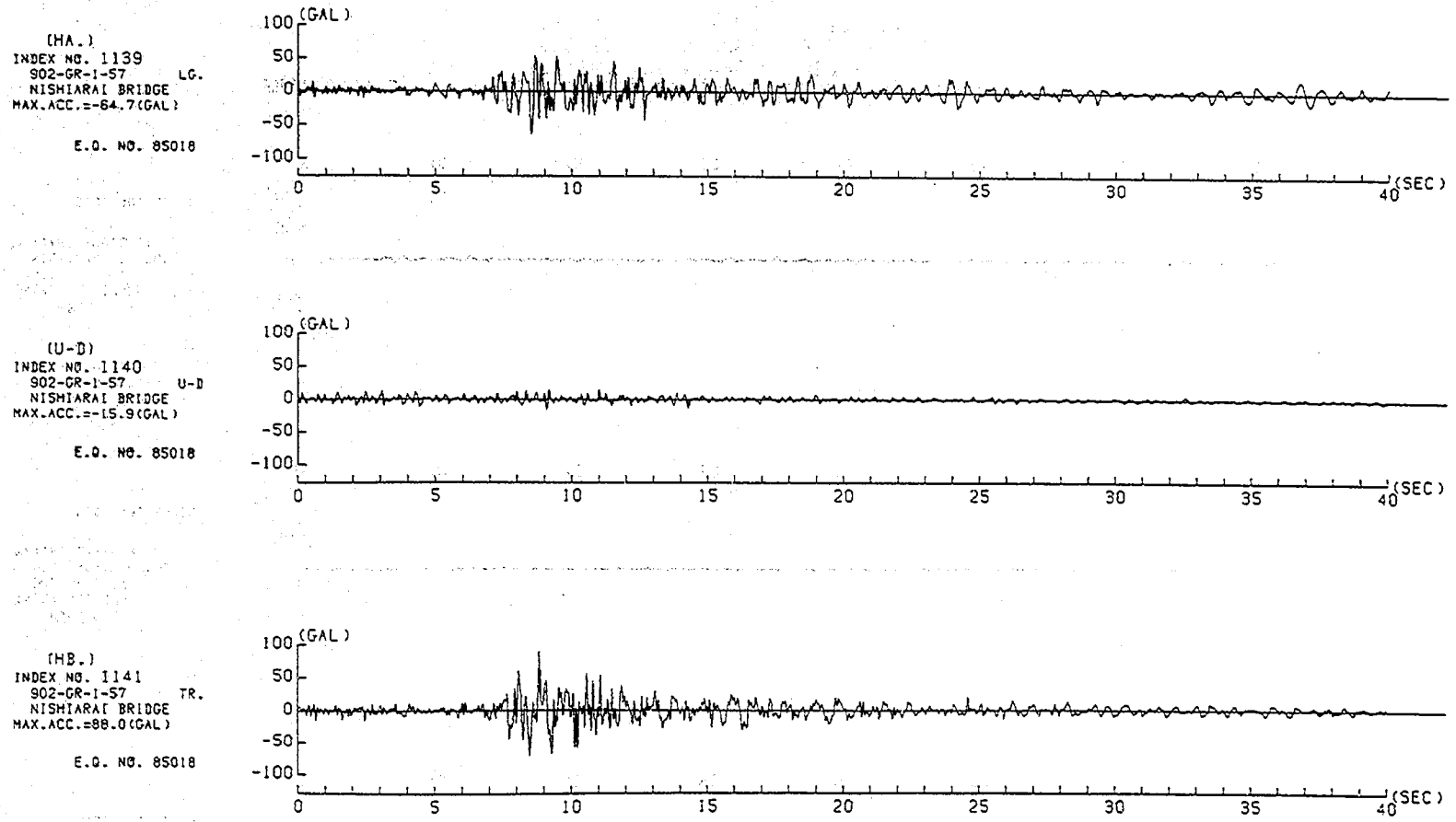


Figure 5—16—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 902-GR-1-57
INDEX NUMBER 1139 1140 1141

(16-1)

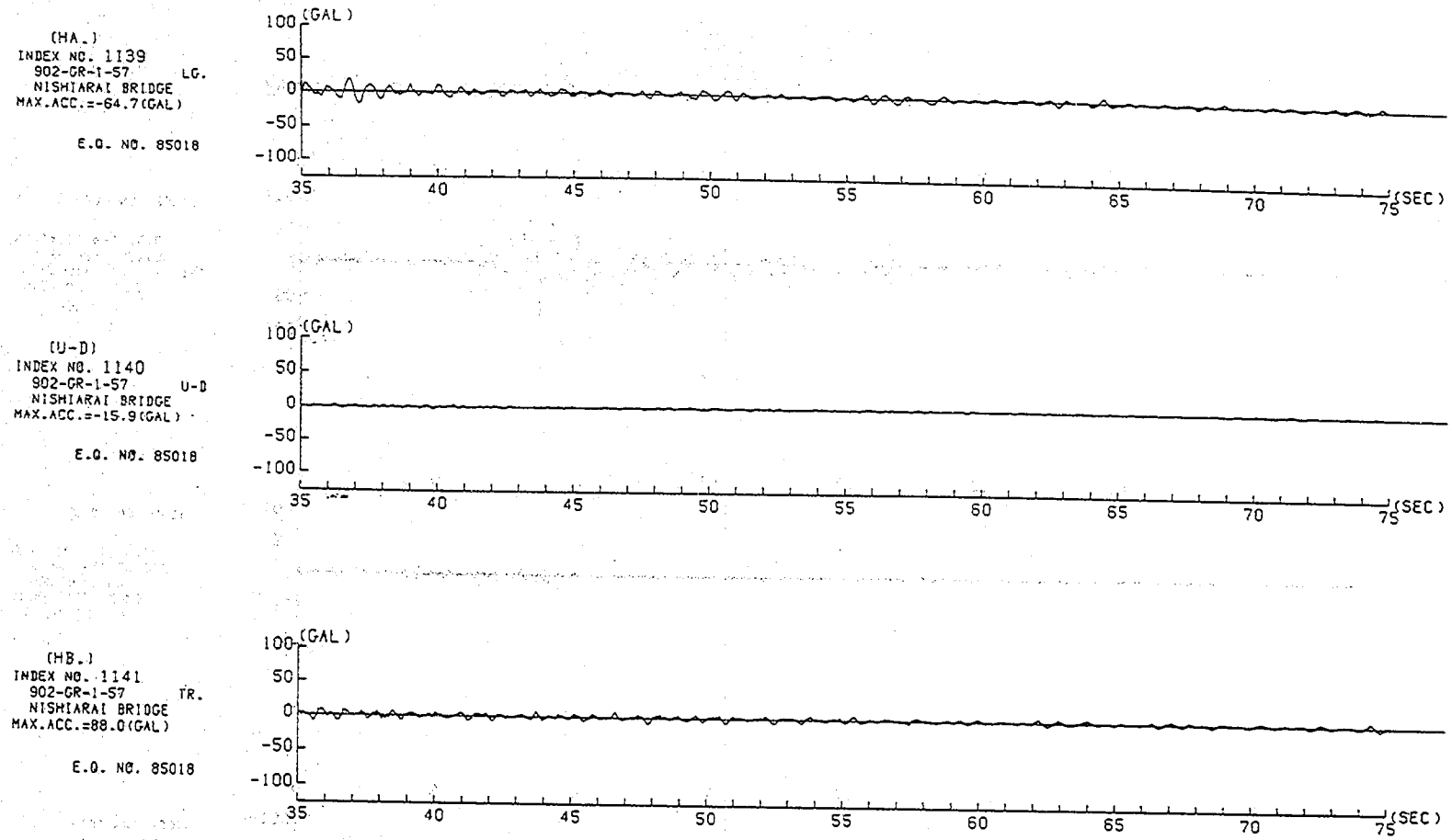


Figure 5—16—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 902-GR-1-57
INDEX NUMBER 1139 1140 1141

(16-2)

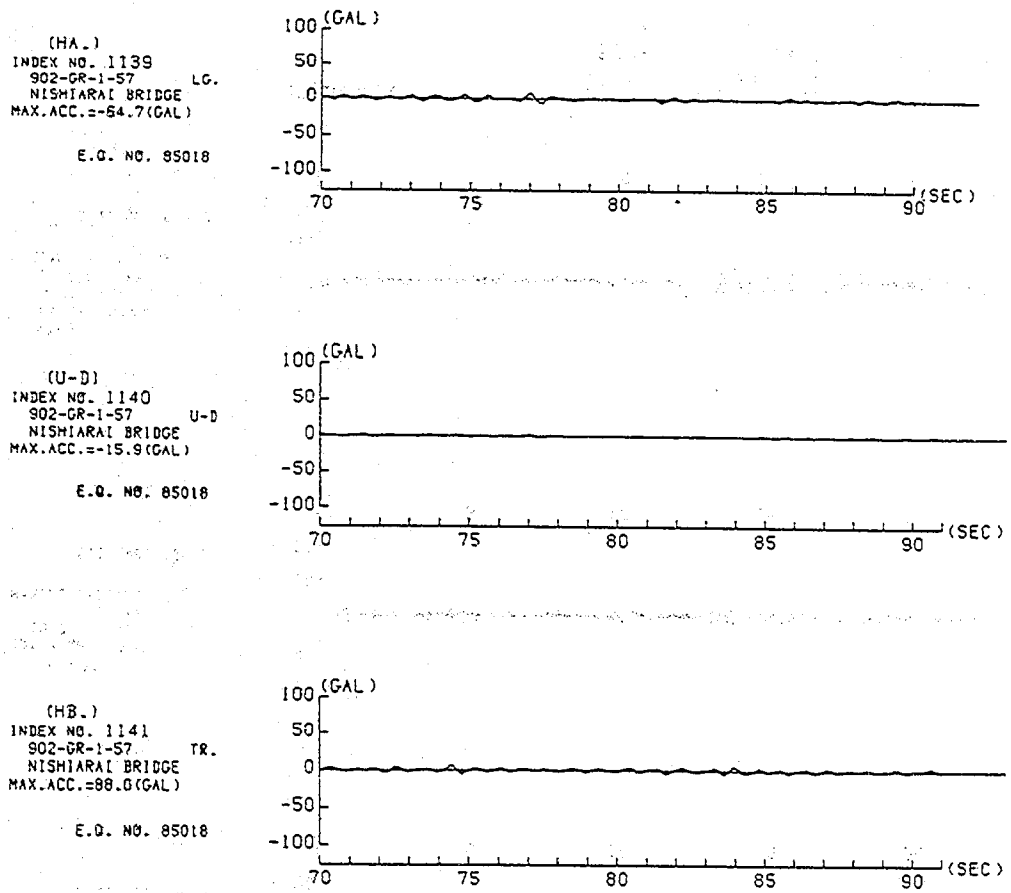


Figure 5—16—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 902-GR-1-57
INDEX NUMBER 1139 1140 1141

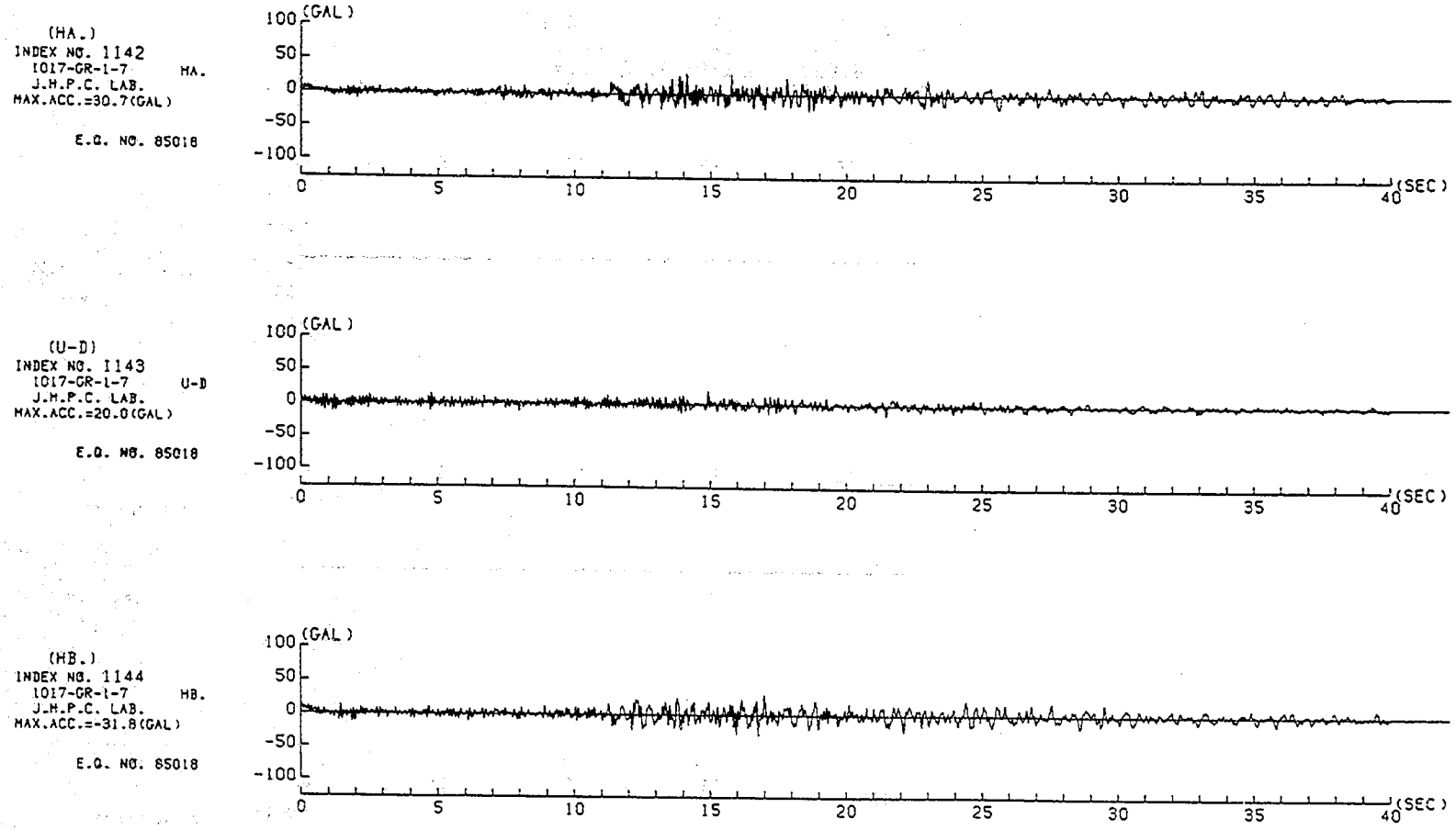


Figure 5—17—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 1017-GR-1-7
INDEX NUMBER 1142 1143 1144

(17-1)

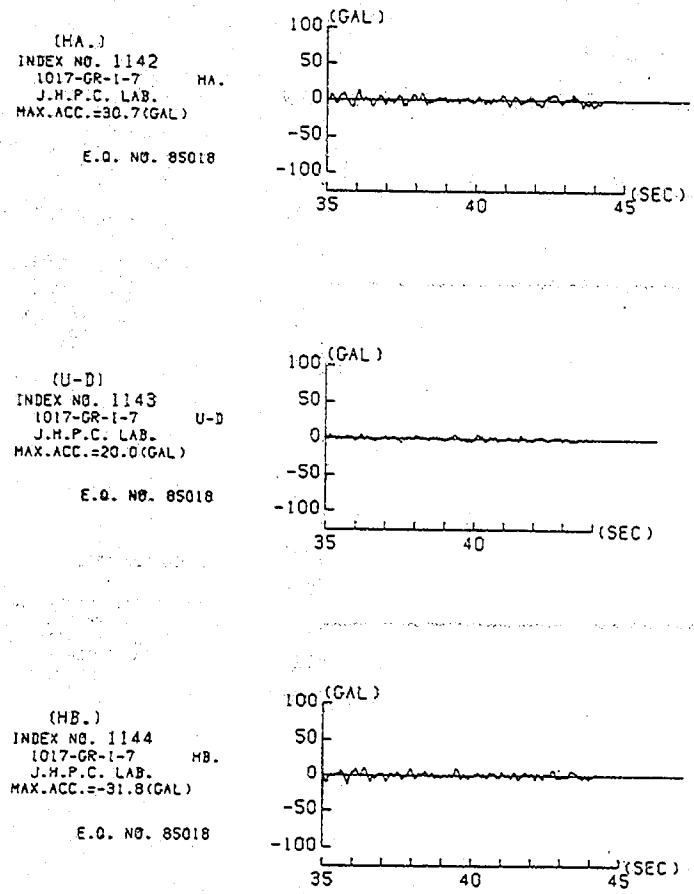


Figure 5—17—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 1017-GR-1-7
INDEX NUMBER 1142 1143 1144

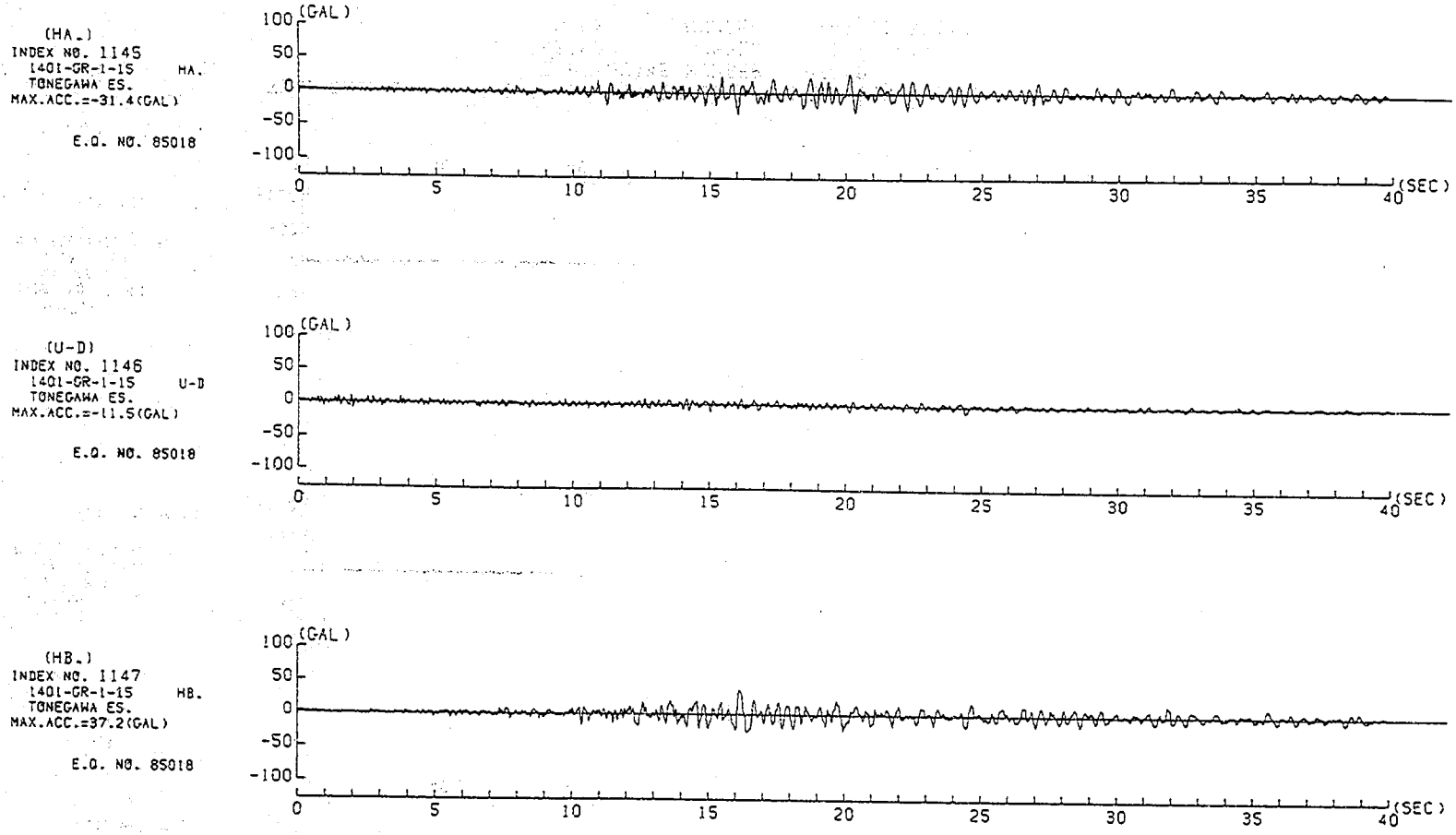
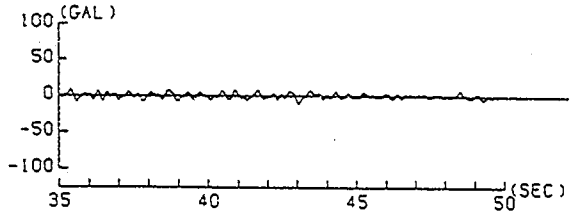


Figure 5—18—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 1401-GR-1-15
INDEX NUMBER 1145 1146 1147

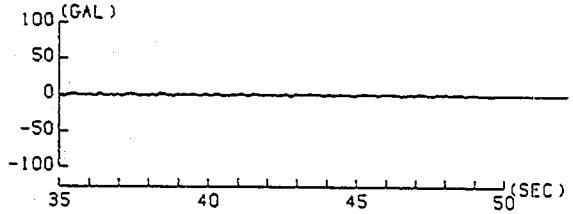
(HA.)
INDEX NO. 1145
1401-GR-1-15 HA.
TONEGAWA ES.
MAX.ACC.=-31.4(GAL)

E.Q. NO. 85018



(U-D)
INDEX NO. 1146
1401-GR-1-15 U-D
TONEGAWA ES.
MAX.ACC.=-11.5(GAL)

E.Q. NO. 85018



(HB.)
INDEX NO. 1147
1401-GR-1-15 HB.
TONEGAWA ES.
MAX.ACC.=37.2(GAL)

E.Q. NO. 85018

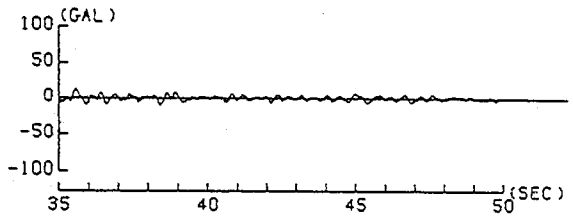
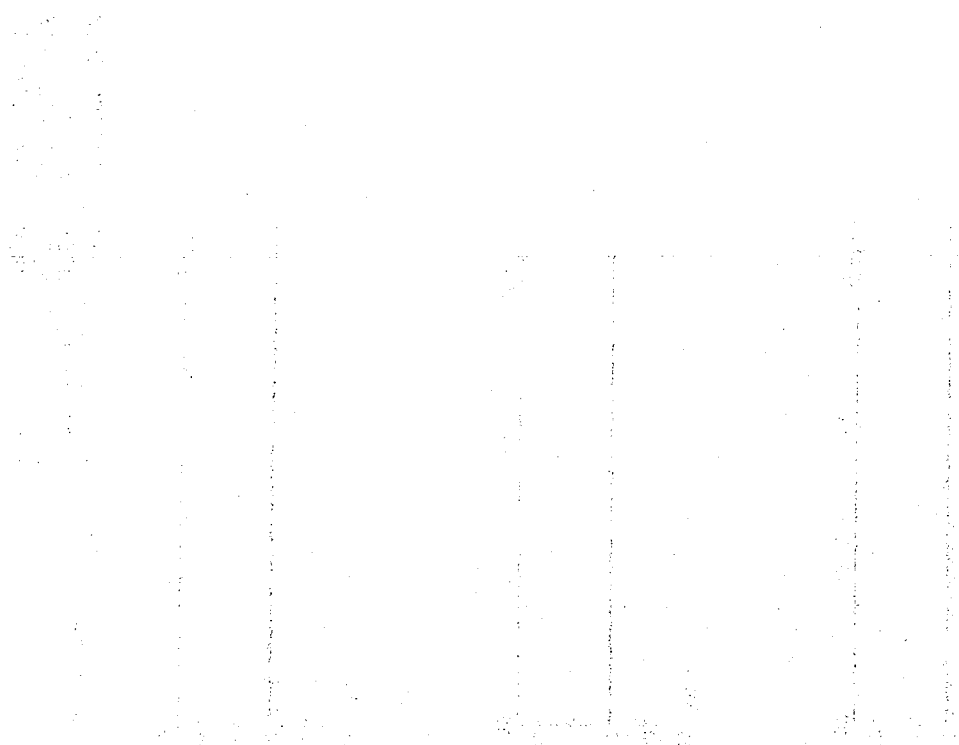
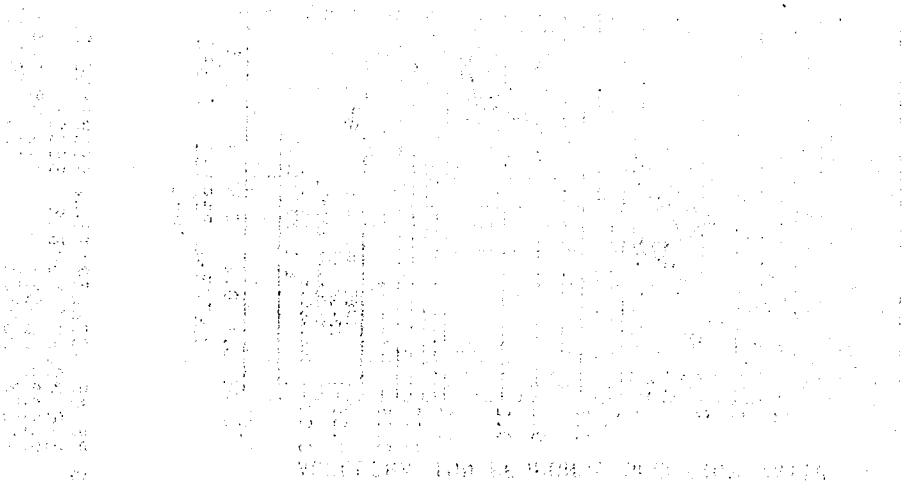


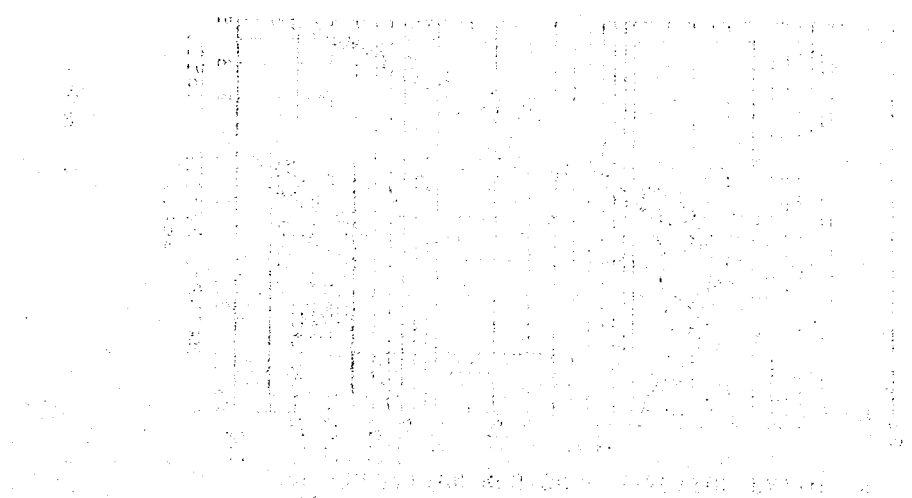
Figure 5—18—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 85018
RECORD NUMBER 1401-GR-1-15
INDEX NUMBER 1145 1146 1147



6. 応答スペクトル

INDEX NUMBERの順に従い，7章に示すディジタル数値を用いて計算した絶対加速度応答スペクトル比をFigure 6－1～Figure 6－18に示す。左側はHA成分，中央はU－D成分，右側はHB成分であり，図の縦軸は絶対加速度応答スペクトル比をまた横軸は固有周期を表わす。ここで縦軸の絶対加速度応答スペクトル比は絶対加速度応答スペクトル値を入力の地震動加速度の最大値で除した値として定義されており，詳細は付録－4を参照されたい。また横軸の固有周期の計算範囲は計器補正及びバンド，パスフィルターの周期範囲を考慮して0.05 sec～5 secの間の45点について行っている。図中には，減衰定数hを0，0.02，0.05，0.07，0.1，0.2の6種類とした場合の計算結果が示されている。さらに，INDEX NUMBER，RECORD NUMBER，STATION NAME，MAXIMUM ACCELERATION，EARTHQUAKE NUMBERを図中に示すとともに，タイトル部分にもEARTHQUAKE NUMBER，RECORD NUMBER，INDEX NUMBERを示し，検策の助けとしている。





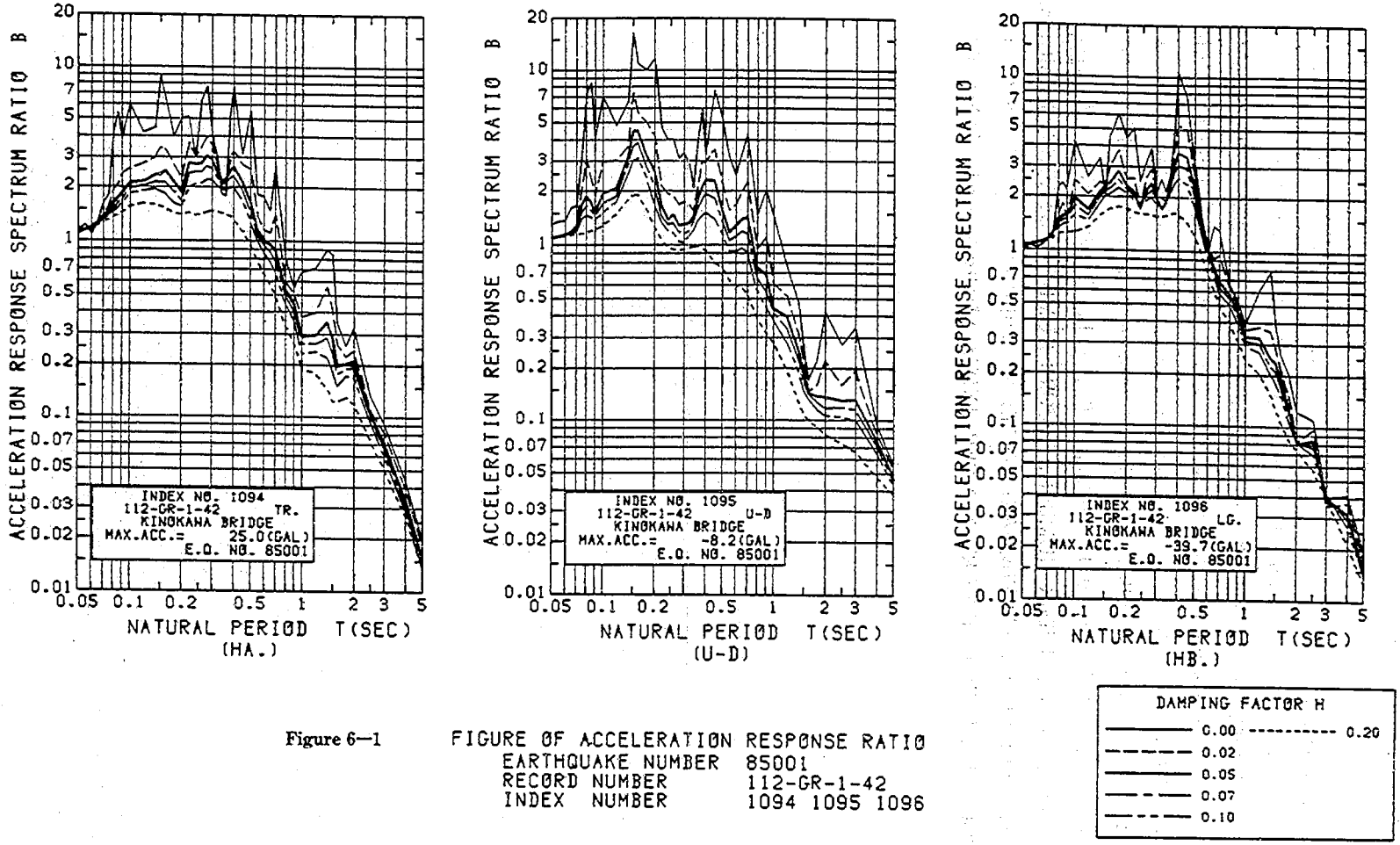


Figure 6—1 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85001
RECORD NUMBER 112-GR-1-42
INDEX NUMBER 1094 1095 1096

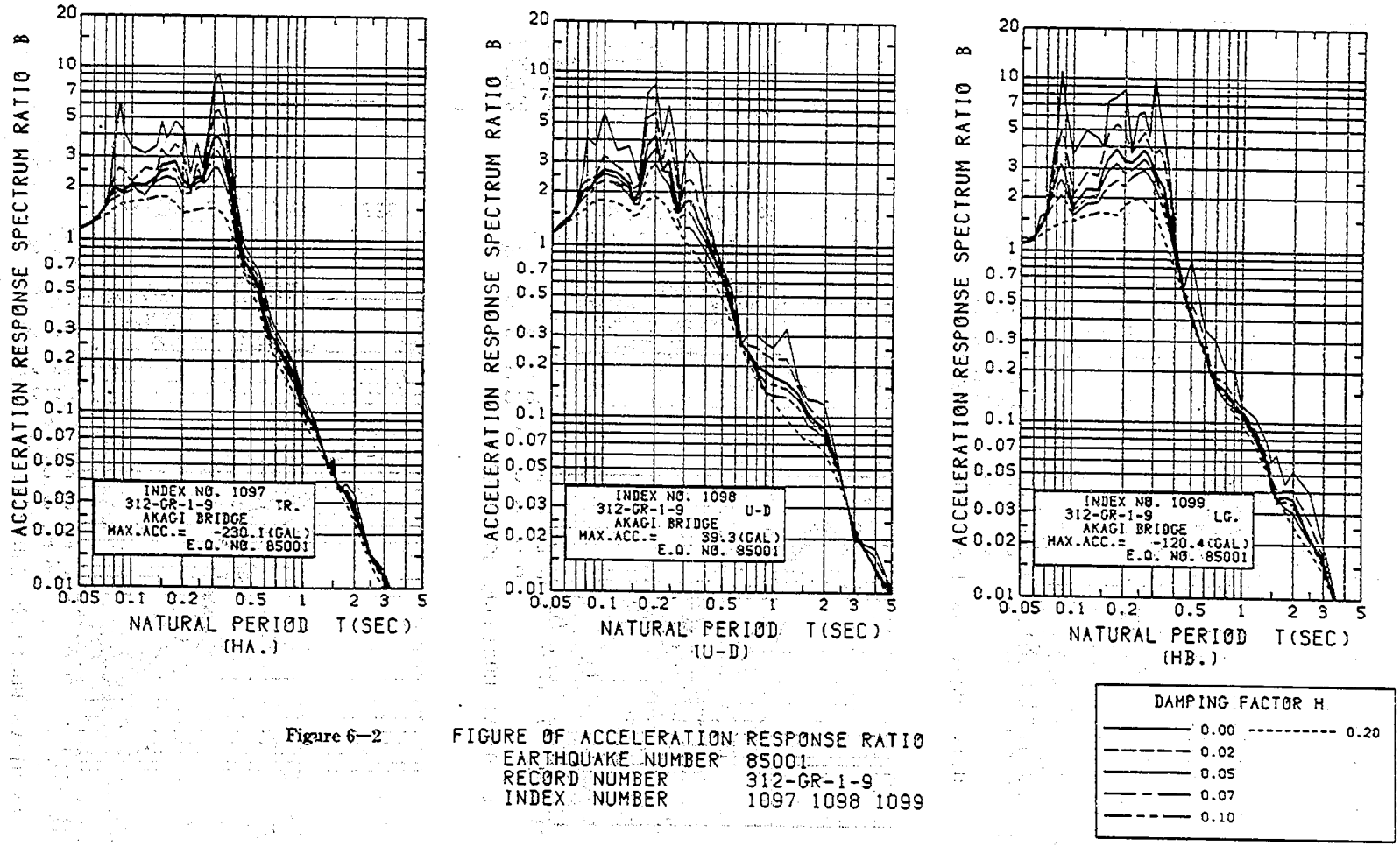


Figure 6—2 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85001
RECORD NUMBER 312-GR-1-9
INDEX NUMBER 1097 1098 1099

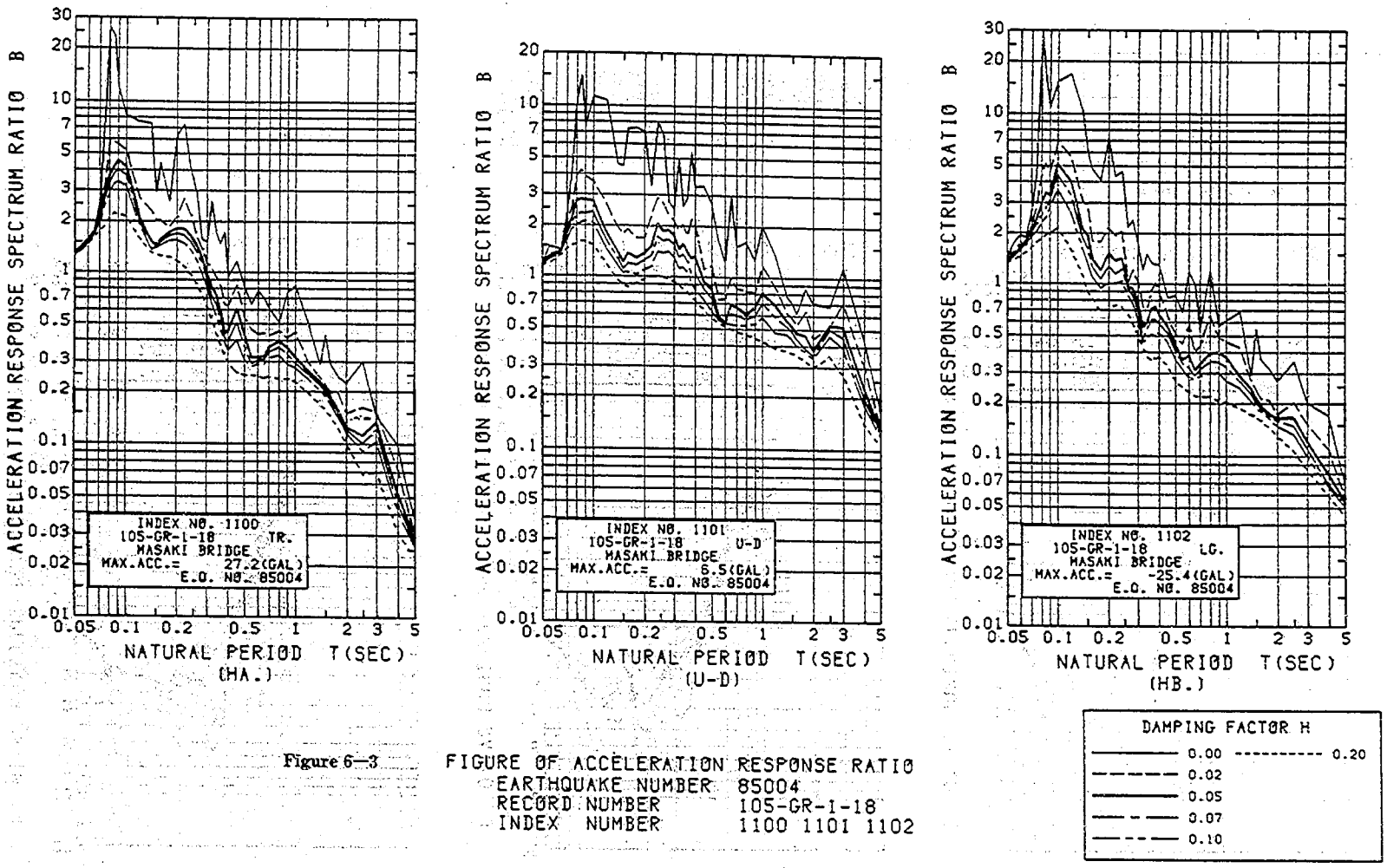
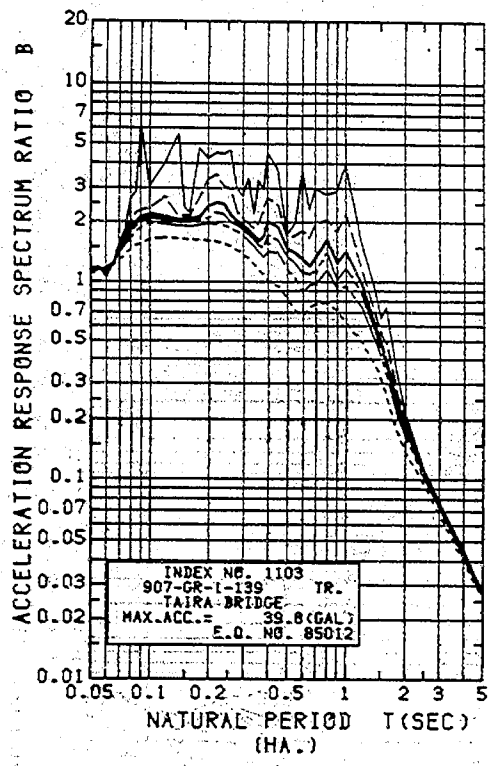
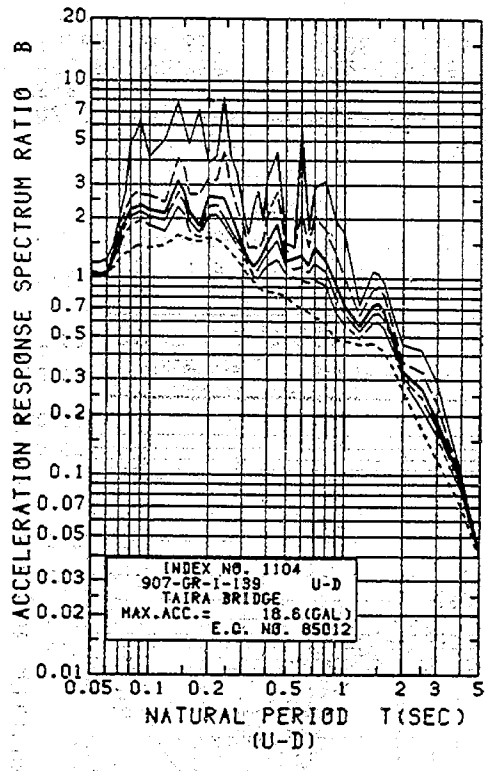
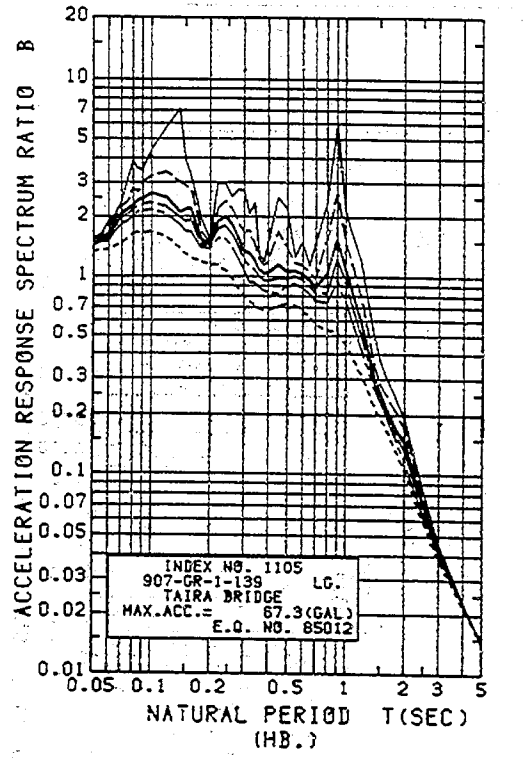


Figure 6—3 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85004
RECORD NUMBER 105-GR-1-18
INDEX NUMBER 1100 1101 1102







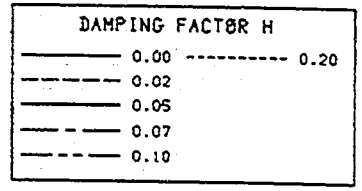


Figure 6—4 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER 85012
RECORD NUMBER 907-GR-1-139
INDEX NUMBER 1103 1104 1105

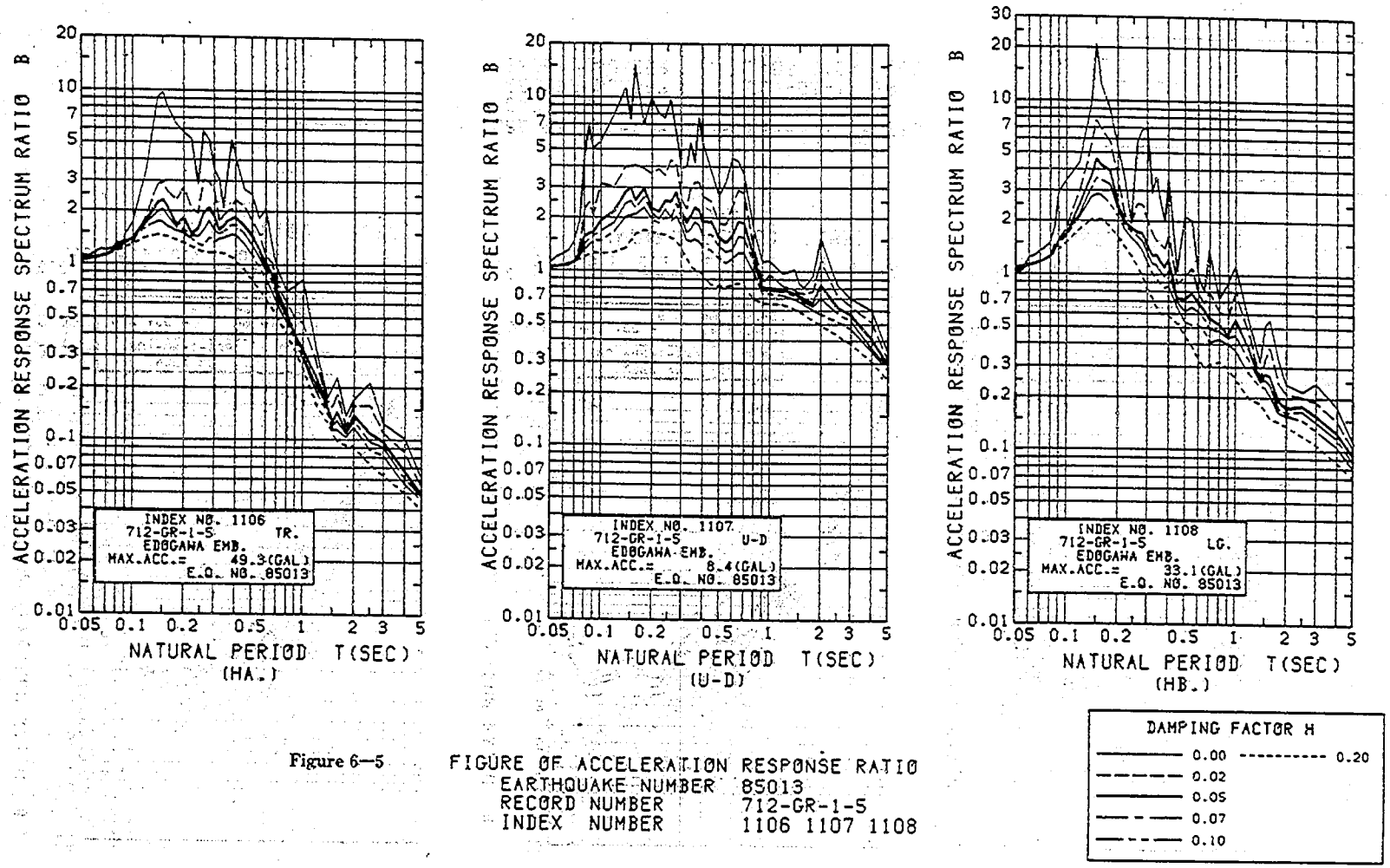


Figure 6—5 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85013
RECORD NUMBER 712-GR-1-S
INDEX NUMBER 1106 1107 1108

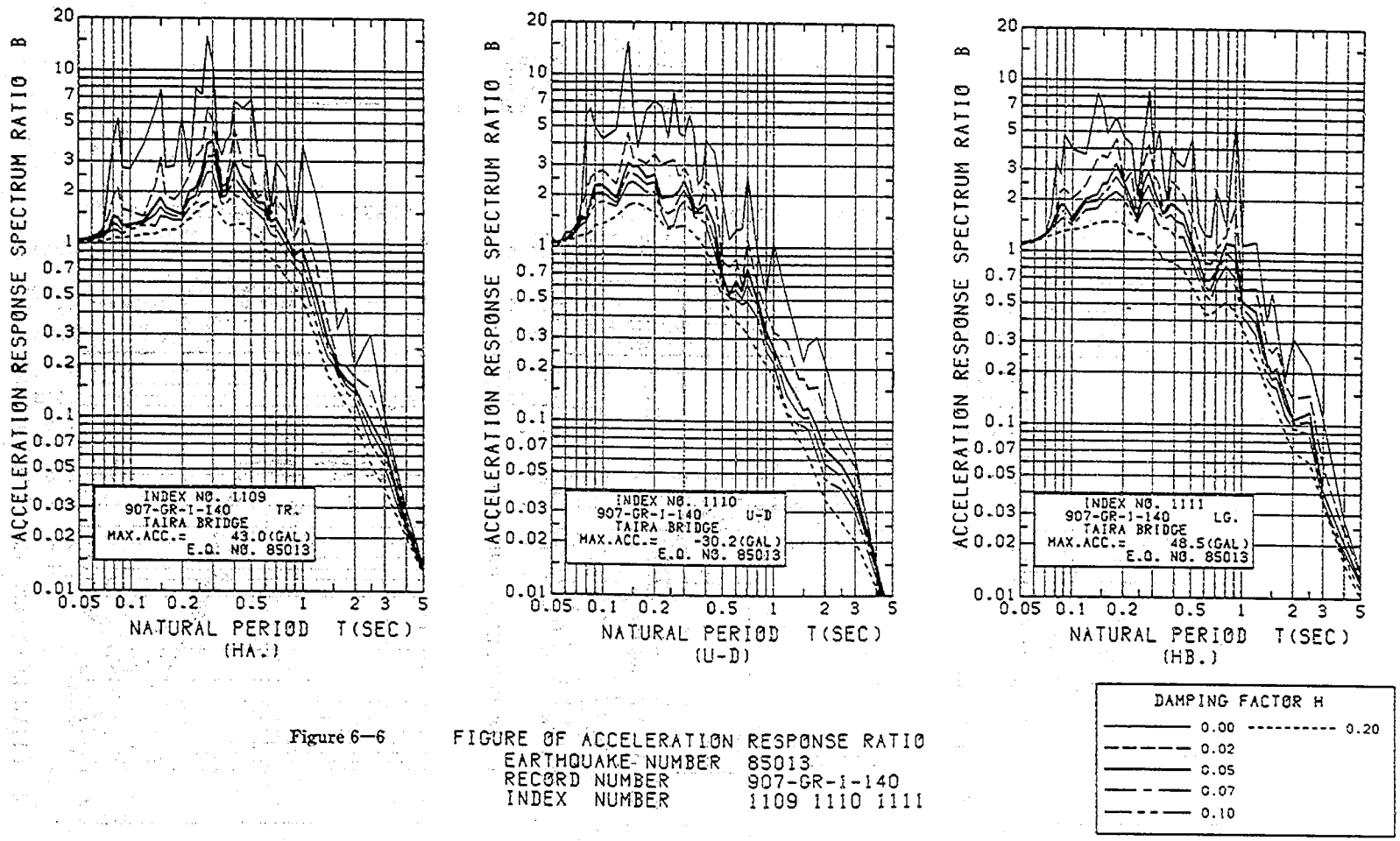


Figure 6—6 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER 85013
RECORD NUMBER 907-GR-I-140
INDEX NUMBER 1109 1110 1111

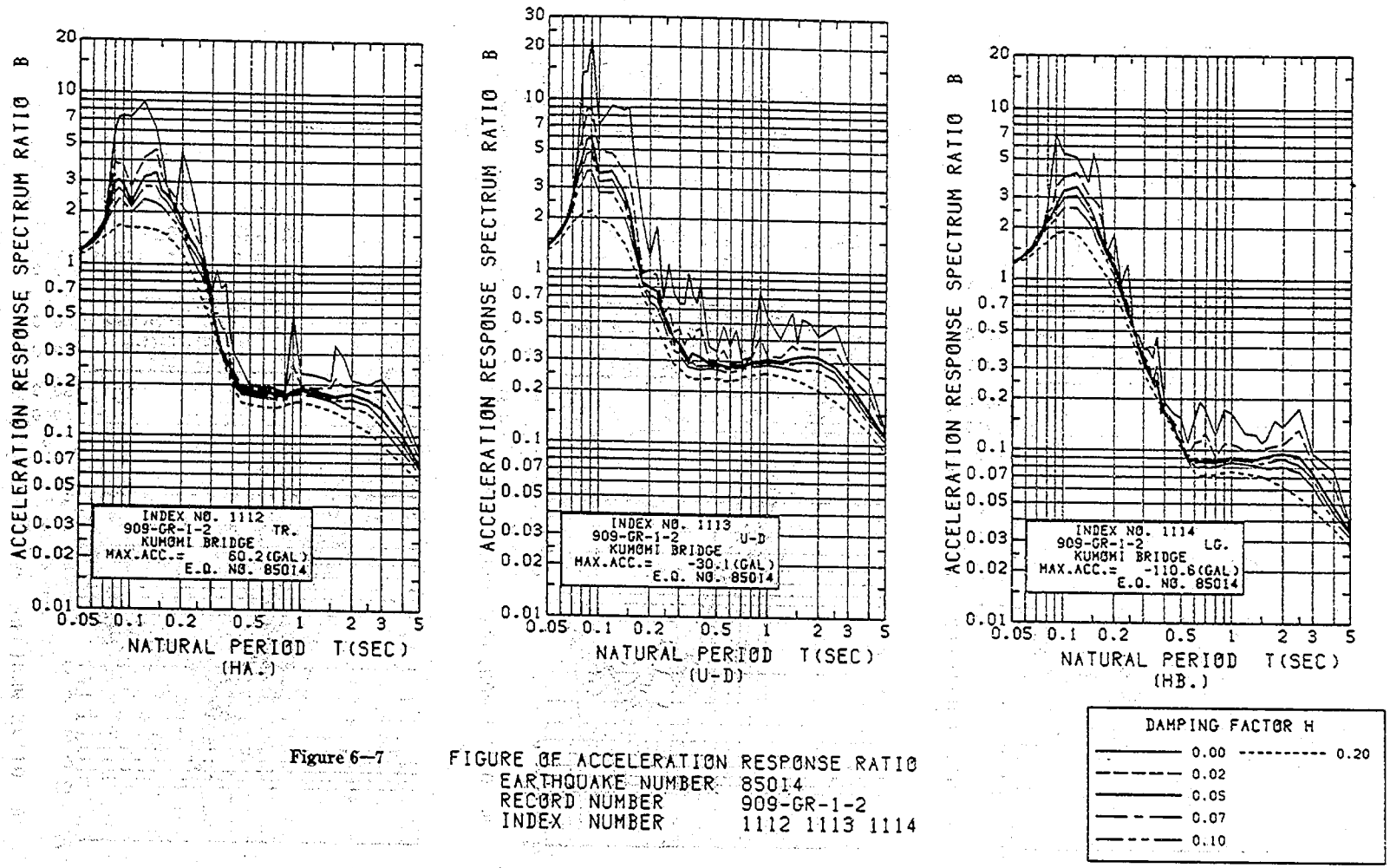


Figure 6—7 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85014
RECORD NUMBER 909-GR-1-2
INDEX NUMBER 1112 1113 1114

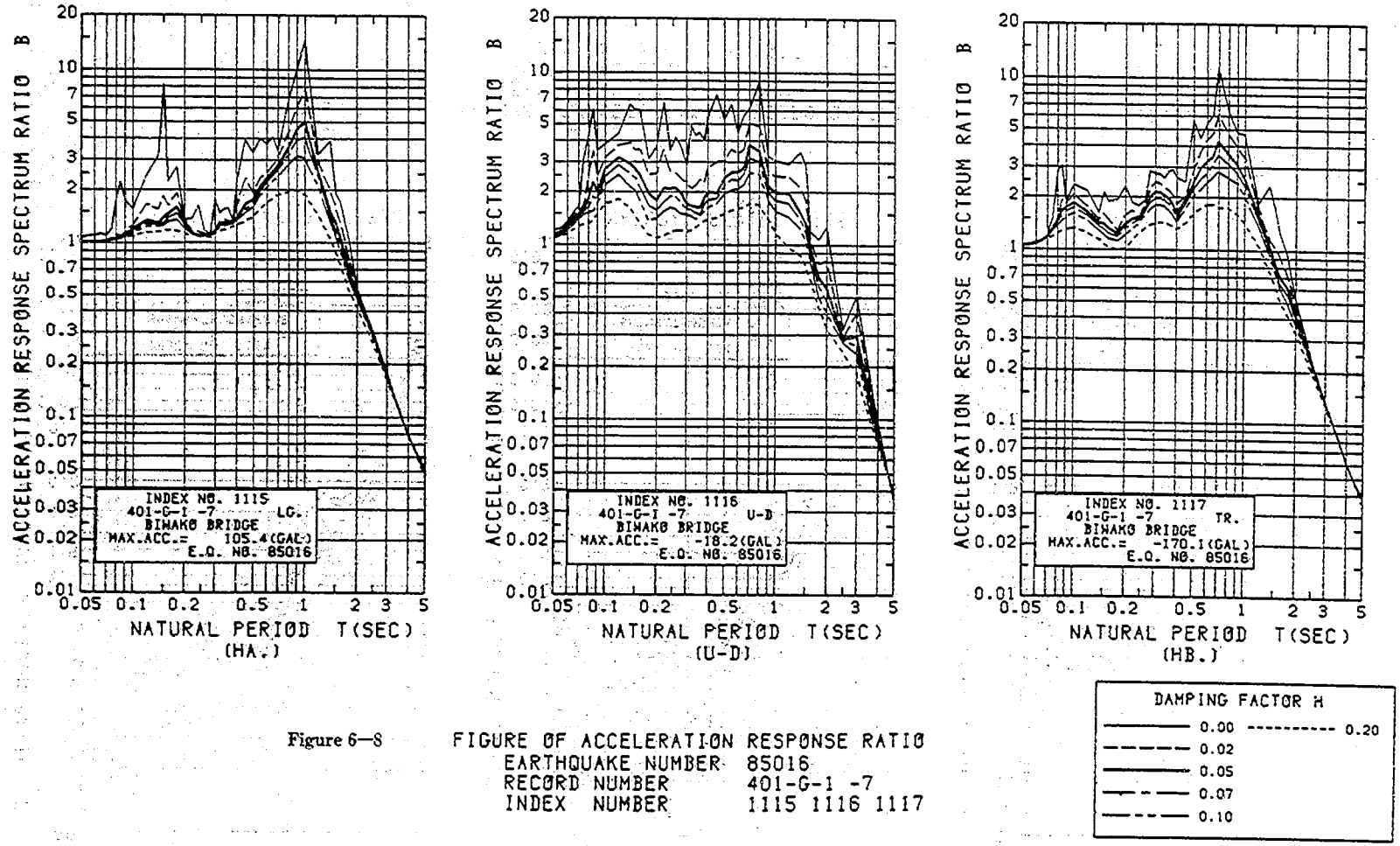


Figure 6—8 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85016
RECORD NUMBER 401-G-1 -7
INDEX NUMBER 1115 1116 1117

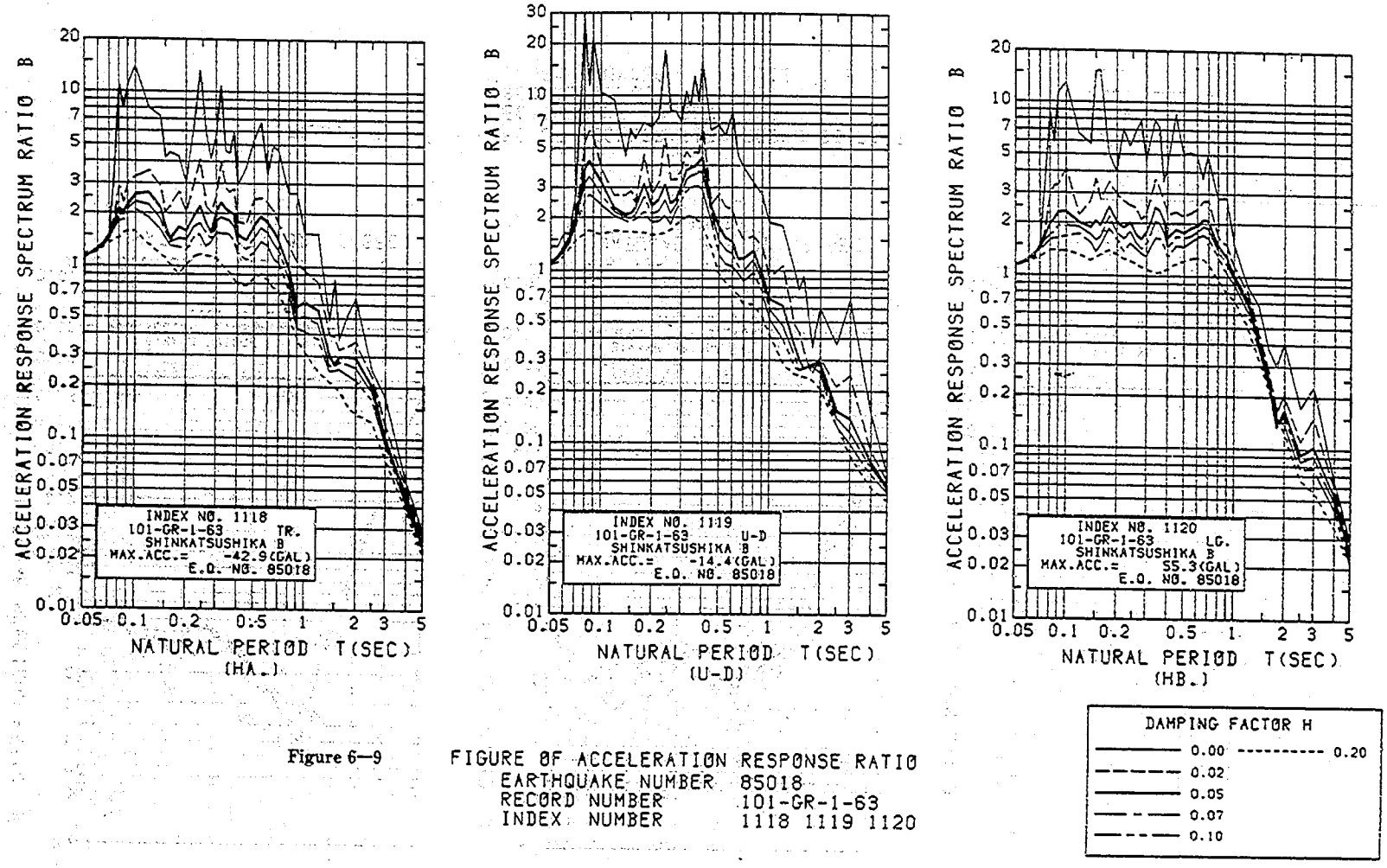


Figure 6—9 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER 101-GR-1-63
INDEX NUMBER 1118 1119 1120

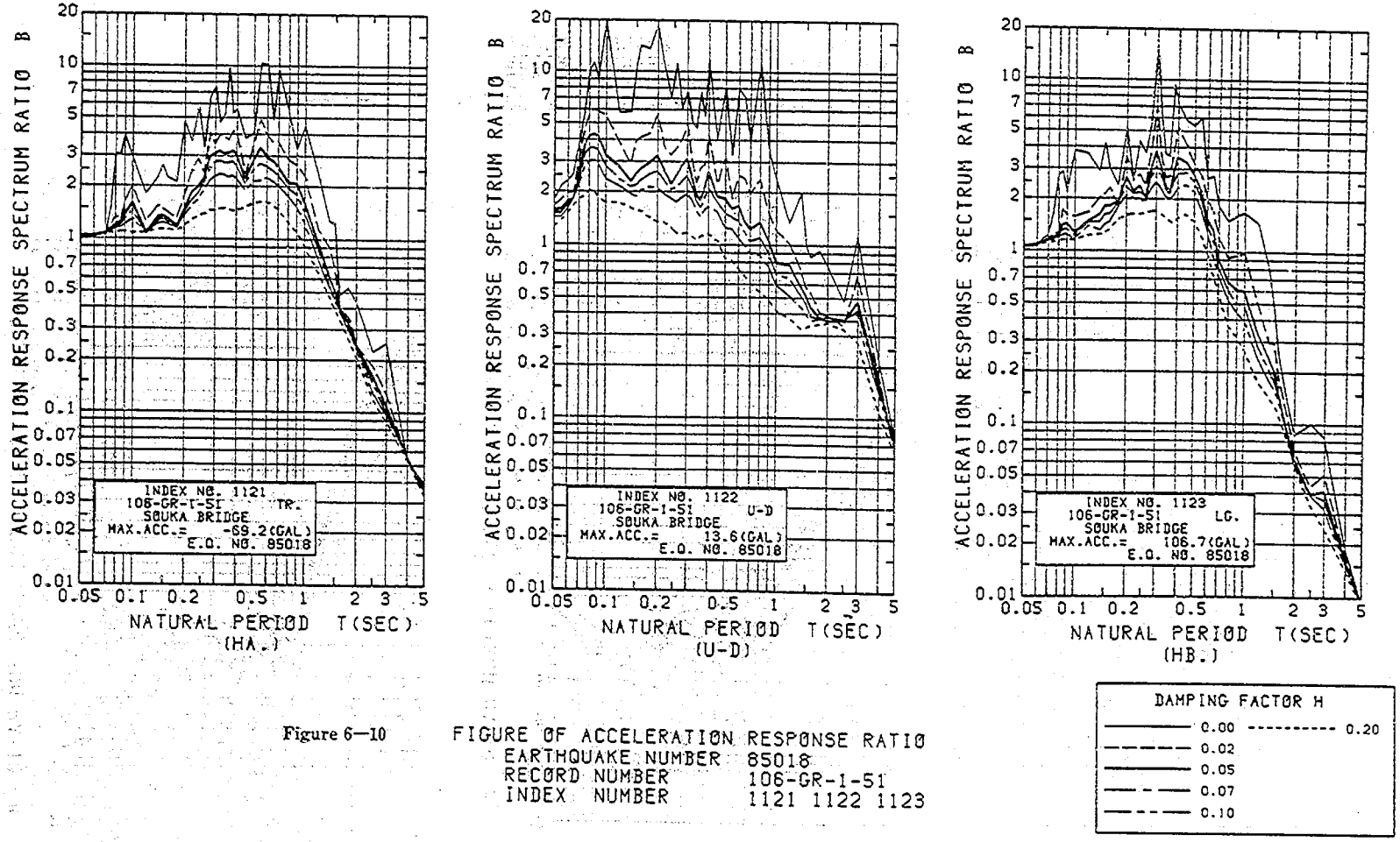
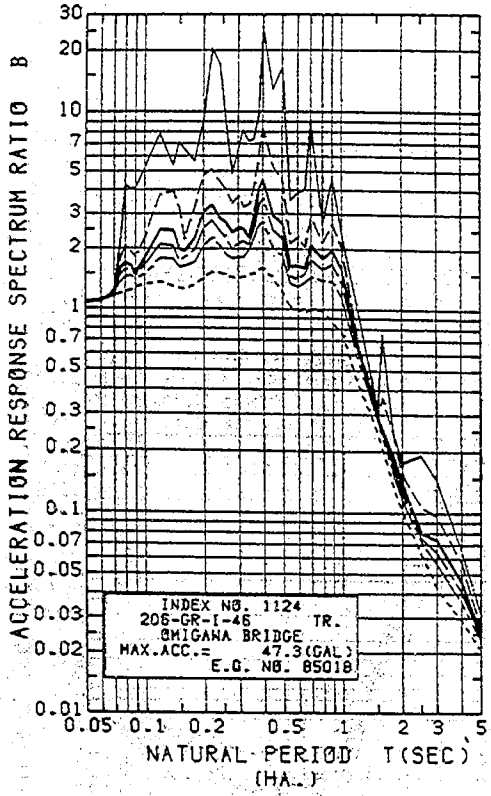
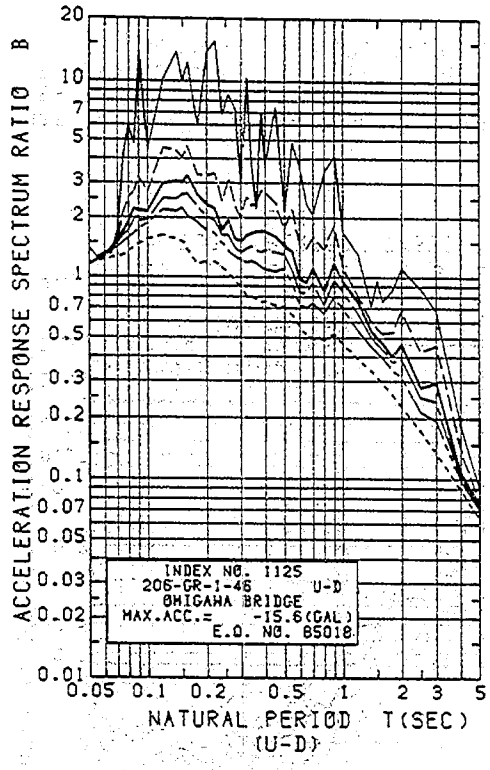
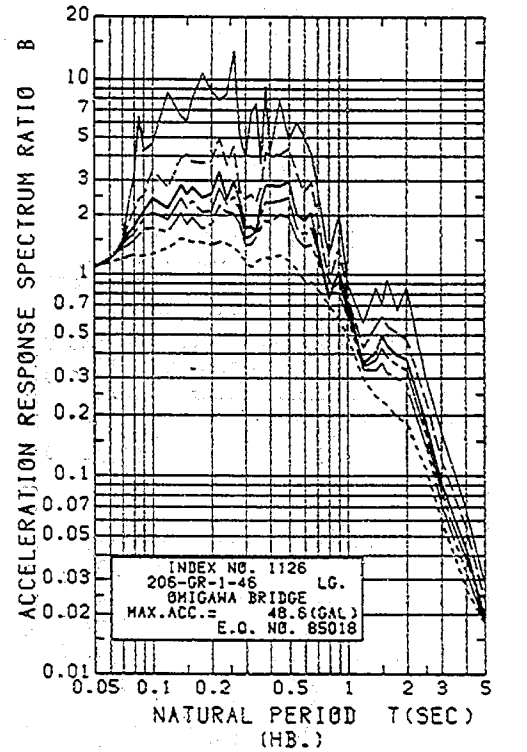


Figure 6—10 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER 106-GR-1-51
INDEX NUMBER 1121 1122 1123







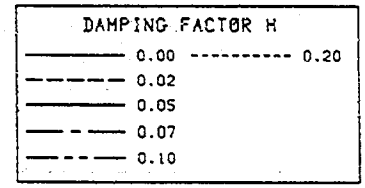


Figure 6—11

FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER 206-GR-1-46
INDEX NUMBER 1124 1125 1126

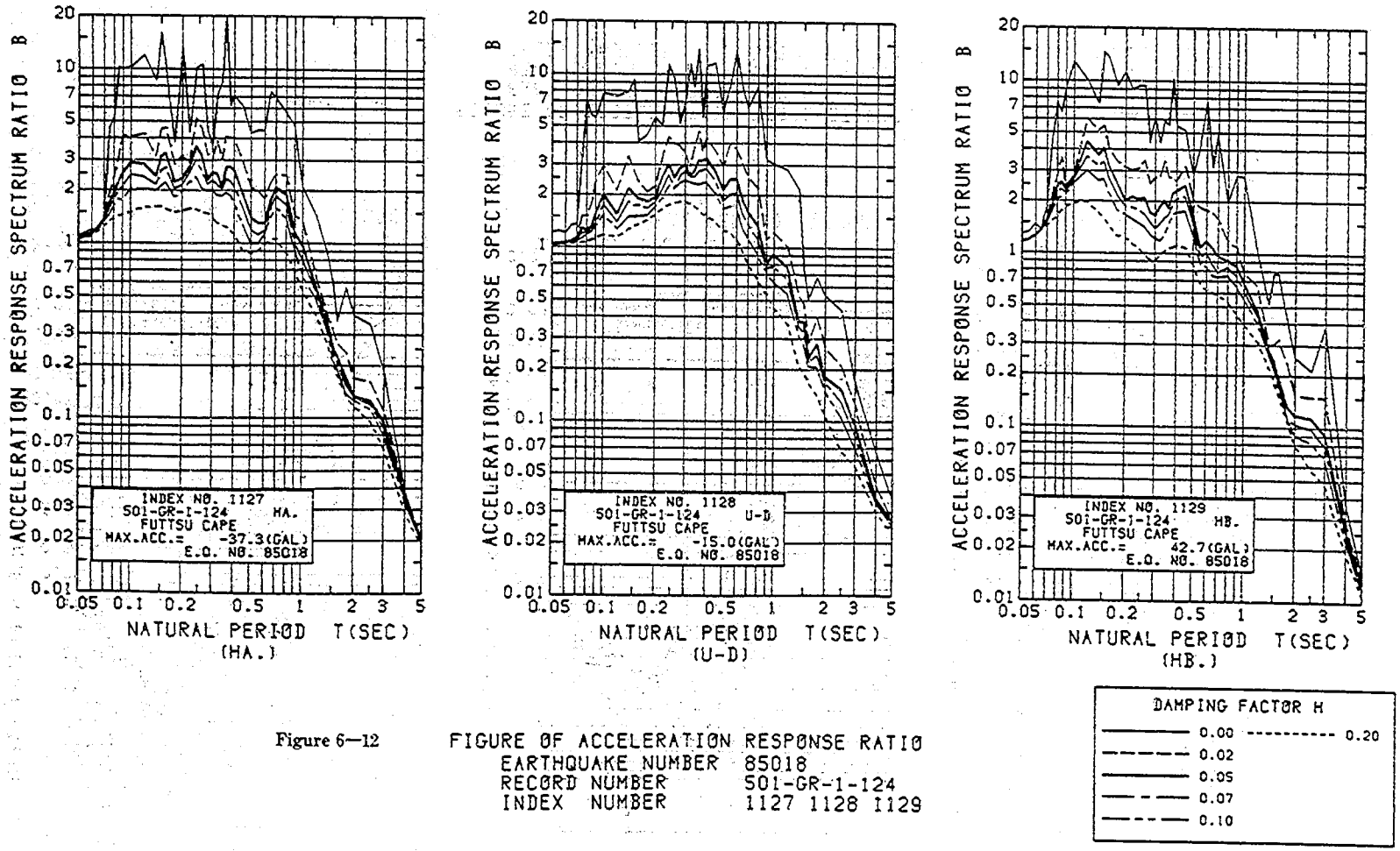
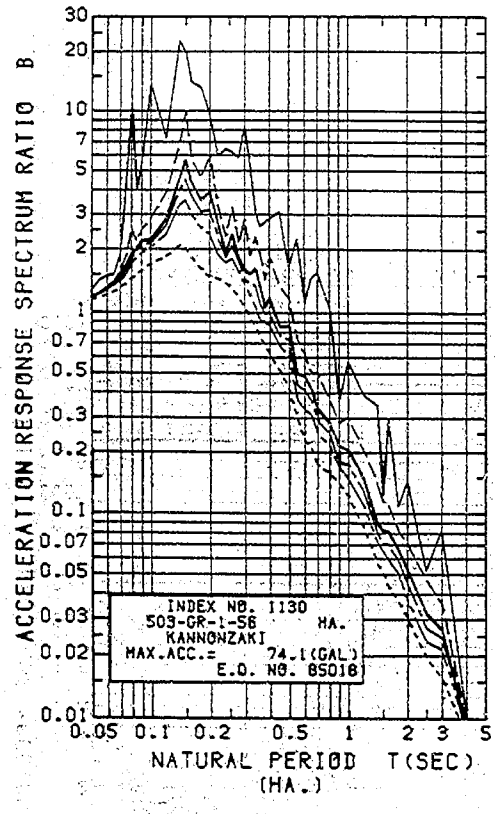
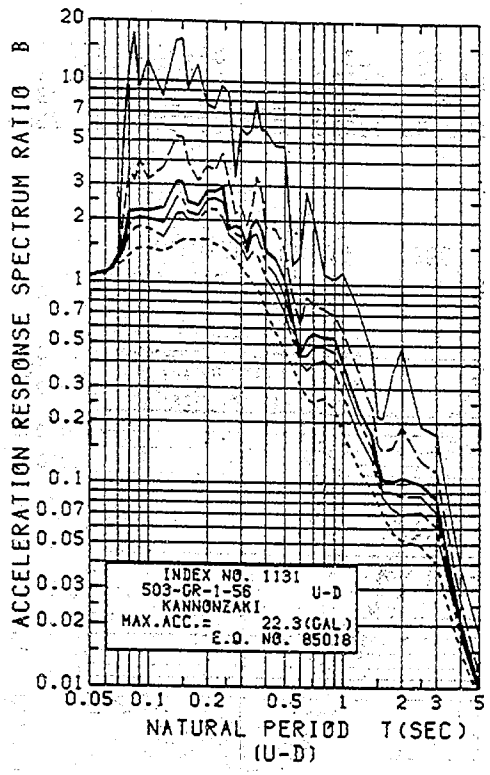
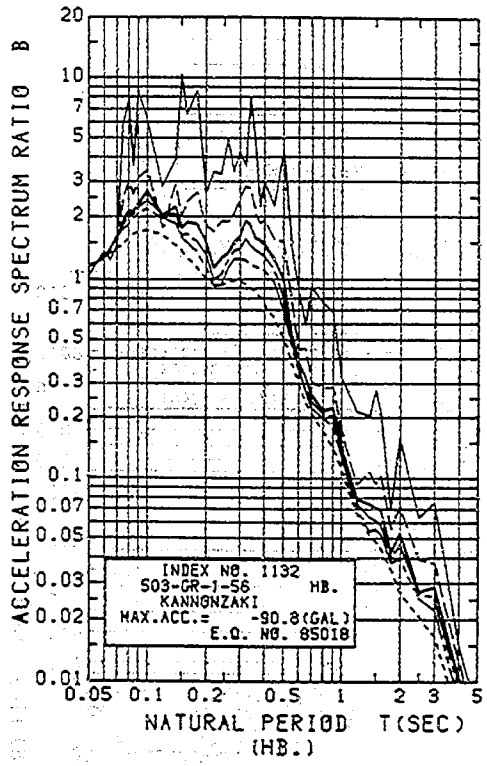


Figure 6—12 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER SOI-GR-1-124
INDEX NUMBER 1127 1128 1129







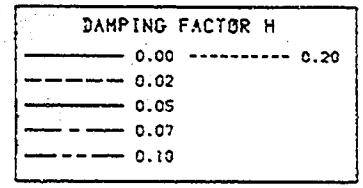


Figure 6—13 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER 503-GR-1-56
INDEX NUMBER 1130 1131 1132

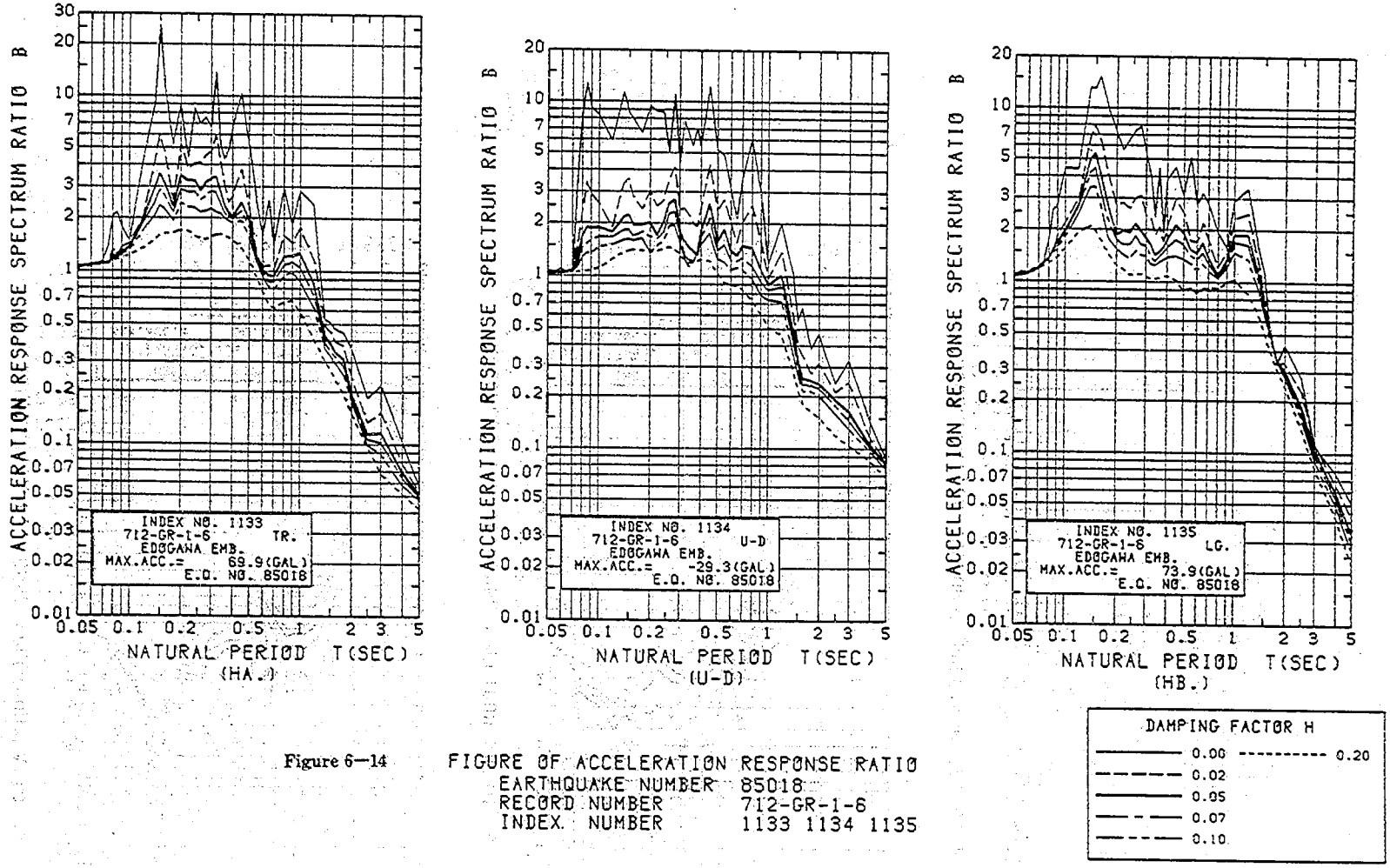


Figure 6—14 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER 85018
RECORD NUMBER 712-GR-1-6
INDEX NUMBER 1133 1134 1135

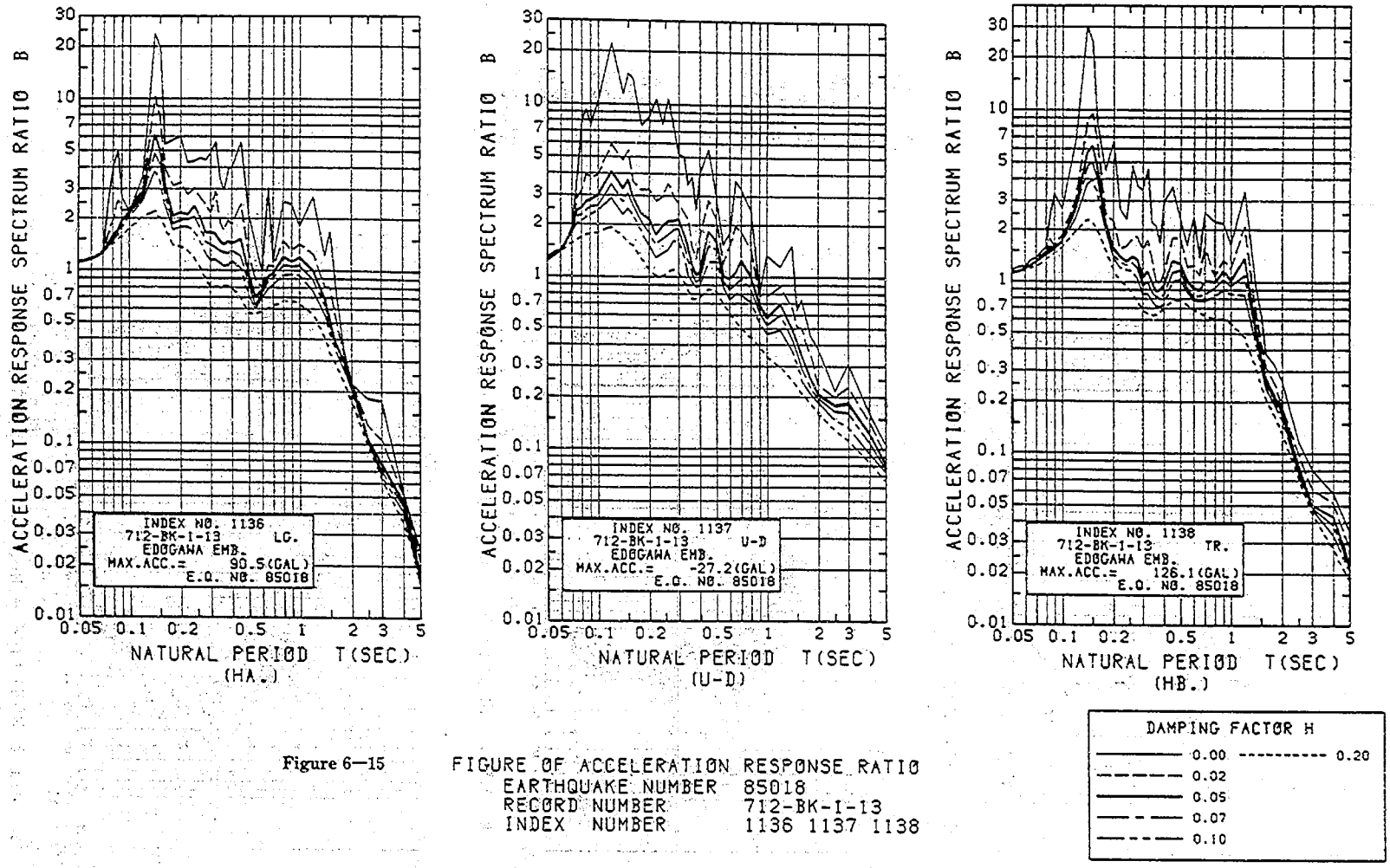


Figure 6—15 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER 85018
RECORD NUMBER 712-BK-I-13
INDEX NUMBER 1136 1137 1138

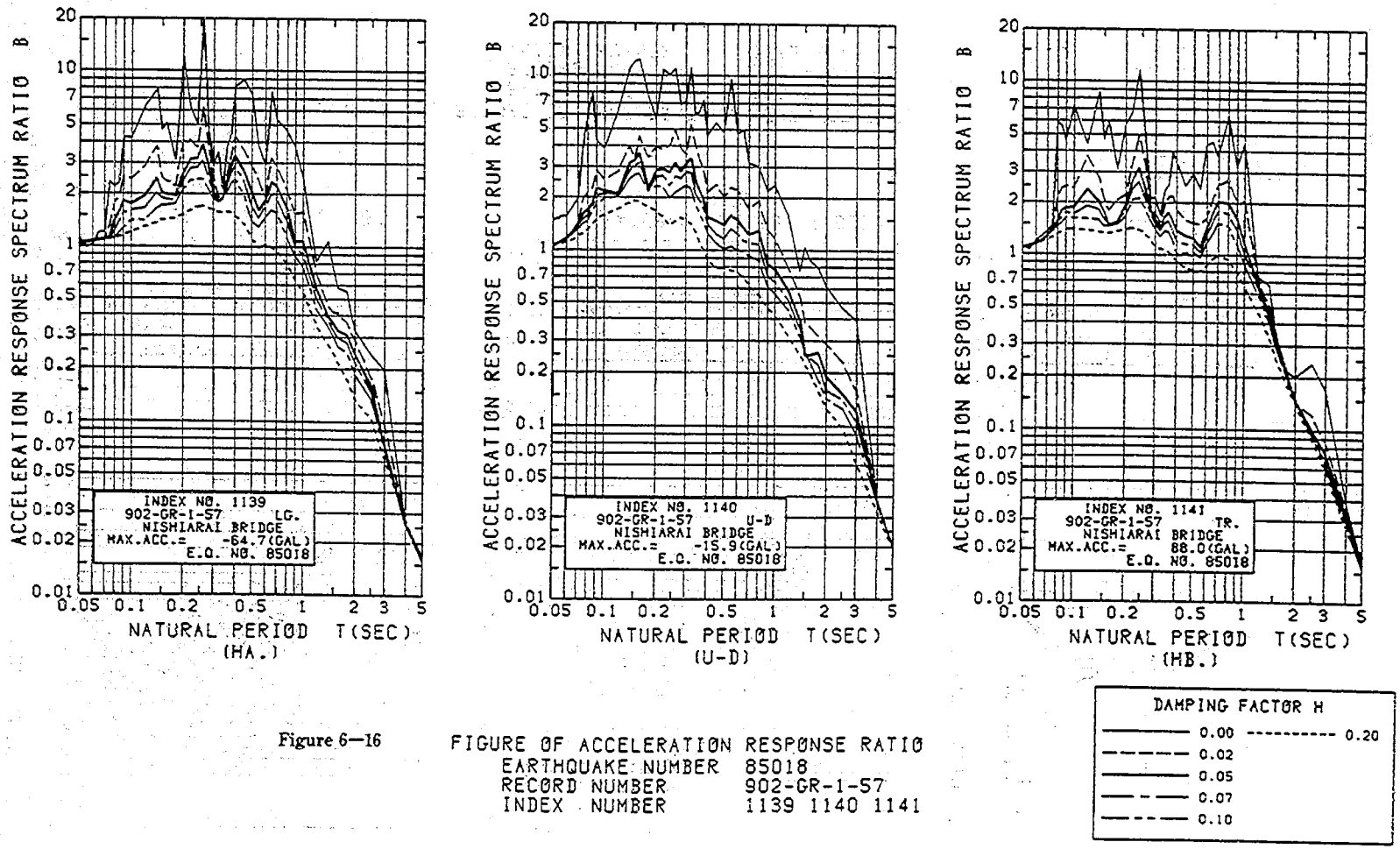


Figure 6—16 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER	85018
RECORD NUMBER	902-GR-1-57
INDEX NUMBER	1139 1140 1141

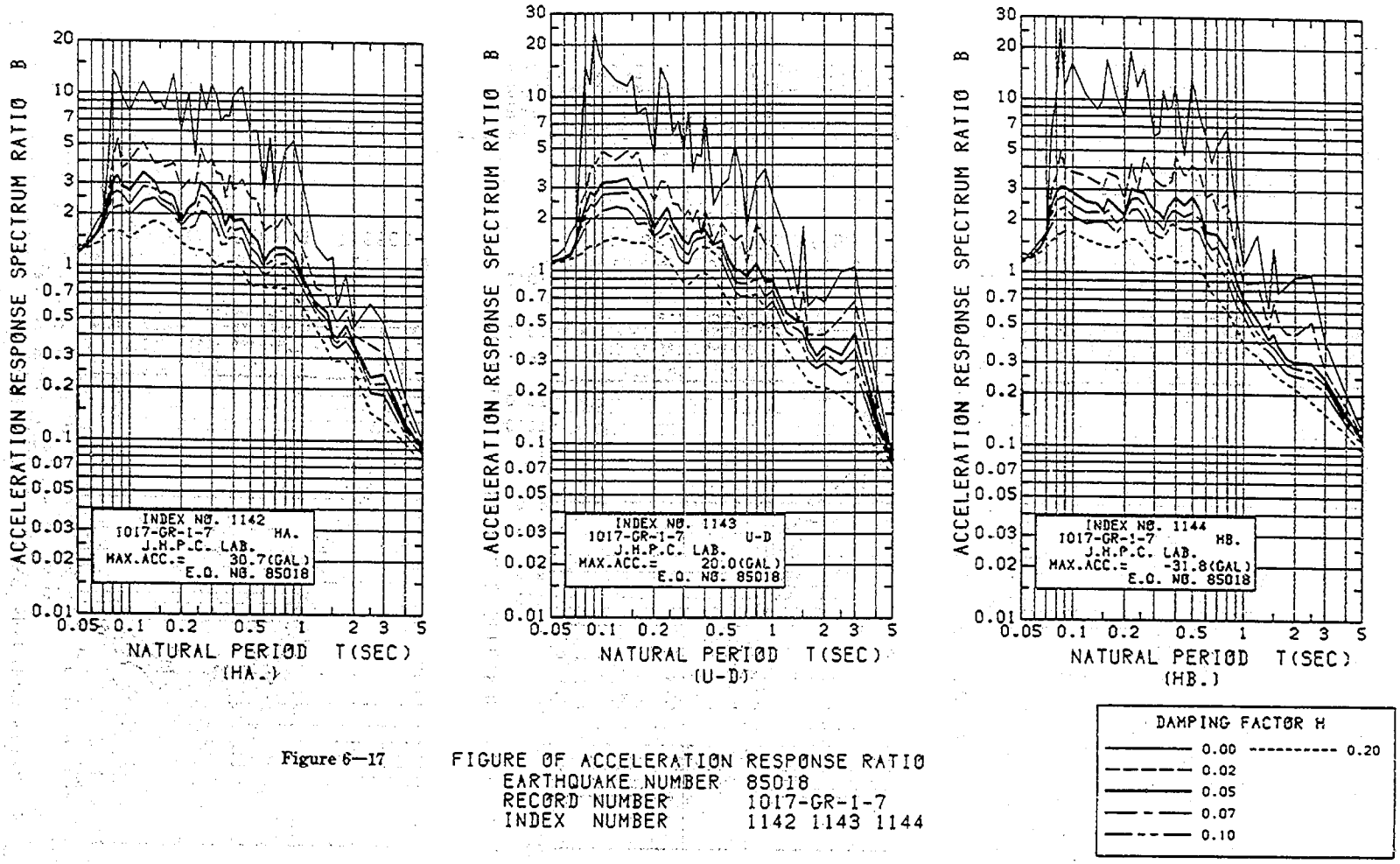


Figure 6—17 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER 85018
RECORD NUMBER 1017-GR-1-7
INDEX NUMBER 1142 1143 1144

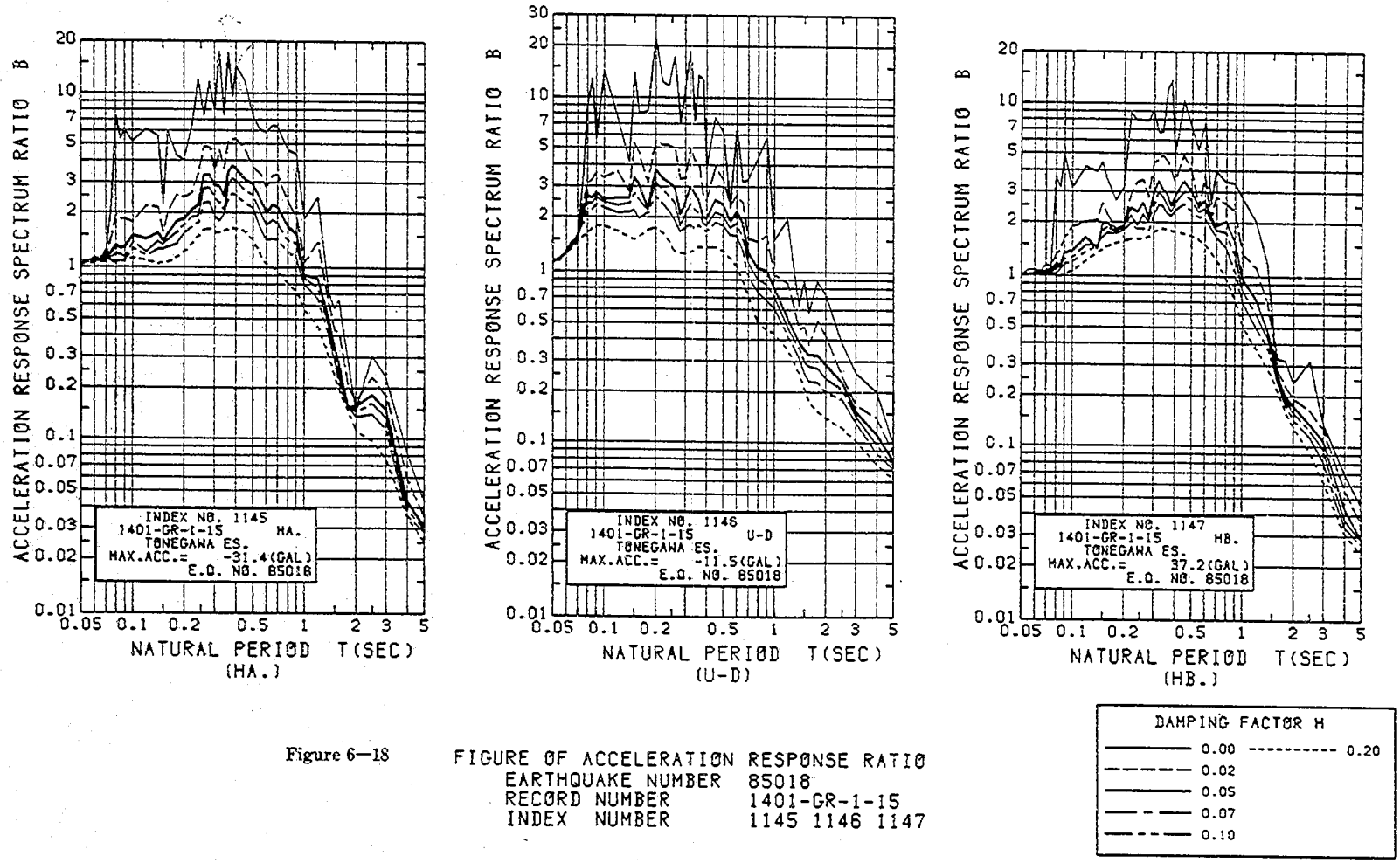
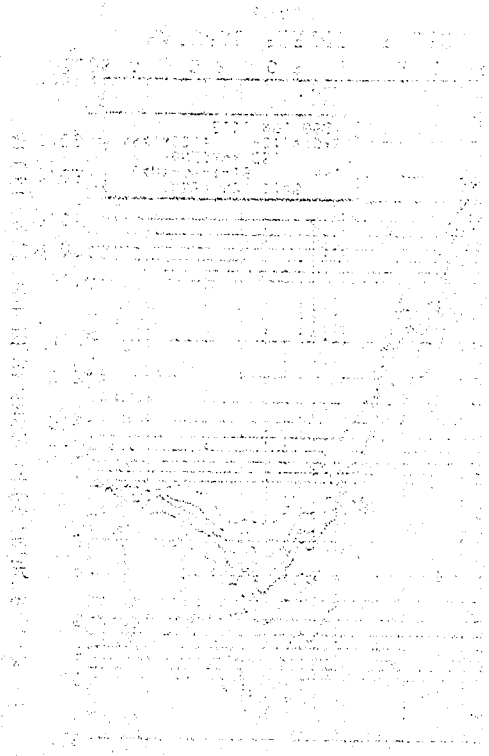
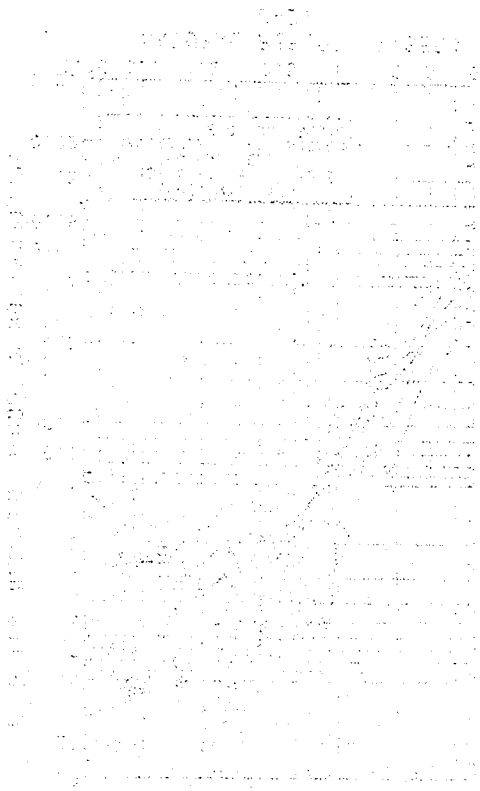


Figure 6—18 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 85018
RECORD NUMBER 1401-GR-1-15
INDEX NUMBER 1145 1146 1147





7. 地震記録のディジタル数値

INDEX NUMBERの順に従い，記録毎の地震動加速度のディジタル数値をTable 7－1～Table 7－54に示す。この数値は記録紙上にアナログ記録された加速度強震波形をディジタイガーを用いて読み取り，付録－3に示すように中心軸補正及び円弧補正を行った後1/100秒の等時間間隔化を行い，周波数領域において計器補正及び短，長周期成分のカットを行った数値である。表の上部には，INDEX NUMBER, RECORD NUMBER, STATION NAME, MAXIMUM ACCELERATION, VALUE 及び TIMEを示す。

Table 7—1—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1094 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.127	-2.151	-0.942	0.050	0.508	0.377	-0.134	-0.660	-0.861	-0.575
11	0.10	0.120	0.951	1.586	1.781	1.483	0.832	0.079	-0.531	-0.862	-0.923
21	0.20	-0.837	-0.757	-0.788	-0.941	-1.141	-1.277	-1.263	-1.075	-0.757	-0.402
31	0.30	-0.106	0.061	0.068	-0.077	-0.338	-0.665	-1.000	-1.282	-1.458	-1.493
41	0.40	-1.383	-1.160	-0.883	-0.620	-0.424	-0.316	-0.286	-0.304	-0.340	-0.381
51	0.50	-0.429	-0.489	-0.555	-0.597	-0.574	-0.454	-0.252	0.052	0.324	0.505
61	0.60	0.540	0.426	0.204	-0.053	-0.278	-0.431	-0.506	-0.519	-0.491	-0.424
71	0.70	-0.307	-0.131	0.092	0.310	0.448	0.425	0.194	-0.231	-0.770	-1.300
81	0.80	-1.695	-1.860	-1.760	-1.424	-0.925	-0.360	0.183	0.633	0.946	1.107
91	0.90	1.123	1.020	0.840	0.626	0.417	0.234	0.079	-0.052	-0.157	-0.216
101	1.00	-0.193	-0.052	0.215	0.562	0.889	1.071	1.003	0.651	0.081	-0.558
111	1.10	-1.078	-1.330	-1.255	-0.903	-0.406	0.084	0.434	0.668	0.754	0.765
121	1.20	0.727	0.614	0.359	-0.095	-0.742	-1.485	-2.152	-2.561	-2.590	-2.235
131	1.30	-1.607	-0.885	-0.235	0.259	0.613	0.910	1.229	1.577	1.868	1.952
141	1.40	1.702	1.096	0.259	-0.563	-1.087	-1.109	-0.590	0.328	1.374	2.257
151	1.50	2.773	2.868	2.635	2.244	1.857	1.553	1.316	1.059	0.697	0.199
161	1.60	-0.387	-0.954	-1.383	-1.592	-1.583	-1.392	-1.105	-0.891	-0.529	-0.316
171	1.70	-0.174	-0.117	-0.159	-0.306	-0.527	-0.754	-0.893	-0.858	-0.609	-0.181
181	1.80	0.324	0.775	1.060	1.131	1.016	0.801	0.584	0.439	0.301	0.426
191	1.90	0.516	0.650	0.840	1.103	1.429	1.758	1.985	1.992	1.706	1.141
201	2.00	0.420	-0.271	-0.738	-0.865	-0.651	-0.212	0.270	0.616	0.716	0.555
211	2.10	0.195	-0.262	-0.724	-1.132	-1.456	-1.674	-1.753	-1.649	-1.337	-0.834
221	2.20	-0.224	0.356	0.766	0.912	0.794	0.503	0.185	-0.032	-0.091	-0.024
231	2.30	0.073	0.102	0.026	-0.105	-0.180	-0.092	0.188	0.578	0.897	0.943
241	2.40	0.587	-0.161	-1.135	-2.069	-2.700	-2.865	-2.559	-1.928	-1.196	-0.579
251	2.50	-0.199	-0.059	-0.065	-0.085	-0.014	0.184	0.480	0.801	1.077	1.265
261	2.60	1.359	1.375	1.332	1.235	1.081	0.869	0.615	0.358	0.145	0.015
271	2.70	-0.023	-0.001	0.026	0.001	-0.107	-0.284	-0.476	-0.607	-0.612	-0.466
281	2.80	-0.188	0.145	0.441	0.612	0.604	0.413	0.087	-0.292	-0.630	-0.819
291	2.90	-0.909	-0.815	-0.612	-0.368	-0.146	0.012	0.098	0.134	0.154	0.186
301	3.00	0.238	0.294	0.330	0.328	0.293	0.255	0.252	0.316	0.446	0.604
311	3.10	0.726	0.743	0.614	0.344	-0.013	-0.371	-0.640	-0.753	-0.691	-0.477
321	3.20	-0.174	0.159	0.387	0.509	0.469	0.263	-0.082	-0.508	-0.935	-1.268
331	3.30	-1.425	-1.352	-1.041	-0.536	0.084	0.708	1.234	1.582	1.710	1.610
341	3.40	1.311	0.866	0.343	-0.179	-0.621	-0.920	-1.042	-0.994	-0.825	-0.613
351	3.50	-0.443	-0.378	-0.437	-0.591	-0.778	-0.921	-0.967	-0.898	-0.739	-0.541
361	3.60	-0.357	-0.224	-0.145	-0.093	-0.027	0.091	0.275	0.514	0.763	0.966
371	3.70	1.065	1.028	0.856	0.591	0.304	0.075	-0.030	0.009	0.161	0.344
381	3.80	0.457	0.412	0.174	-0.222	-0.578	-1.067	-1.270	-1.225	-0.939	-0.489
391	3.90	0.010	0.444	0.729	0.829	0.758	0.560	0.299	0.041	-0.155	-0.239
401	4.00	-0.180	0.020	0.324	0.655	0.916	1.016	0.910	0.619	0.233	-0.116
411	4.10	-0.305	-0.263	-0.003	0.378	0.740	0.947	0.920	0.661	0.244	-0.216
421	4.20	-0.616	-0.895	-1.054	-1.137	-1.202	-1.283	-1.573	-1.426	-1.380	-1.187
431	4.30	-0.843	-0.397	0.069	0.457	0.695	0.755	0.660	0.466	0.237	0.022
441	4.40	-0.166	-0.338	-0.520	-0.721	-0.922	-1.073	-1.109	-0.976	-0.658	-0.187
451	4.50	0.362	0.899	1.342	1.647	1.807	1.844	1.790	1.664	1.466	1.183
461	4.60	0.808	0.353	-0.140	-0.603	-0.962	-1.155	-1.149	-0.950	-0.600	-0.166
471	4.70	0.278	0.660	0.930	1.068	1.088	1.029	0.942	0.859	0.771	0.624
481	4.80	0.331	-0.188	-0.957	-1.910	-2.890	-3.687	-4.106	-4.037	-3.492	-2.604
491	4.90	-1.564	-0.554	0.317	1.028	1.615	2.109	2.484	2.649	2.482	1.905

Table 7—1—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1094 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.952	-0.215	-1.339	-2.159	-2.502	-2.344	-1.799	-1.061	-0.315	0.327
511	5.10	0.837	1.239	1.541	1.695	1.603	1.174	0.392	-0.632	-1.667	-2.440
521	5.20	-2.736	-2.483	-1.782	-0.861	0.018	0.656	0.978	1.021	0.885	0.653
531	5.30	0.352	-0.050	-0.600	-1.299	-2.072	-2.777	-3.265	-3.367	-3.035	-2.368
541	5.40	-1.390	-0.283	0.855	1.922	2.819	3.439	3.674	3.449	2.768	1.747
551	5.50	0.603	-0.396	-1.016	-1.139	-0.801	-0.184	0.465	0.919	1.053	0.881
561	5.60	0.532	0.189	0.010	0.067	0.331	0.683	0.976	1.086	0.955	0.627
571	5.70	0.214	-0.139	-0.308	-0.238	0.032	0.383	0.668	0.773	0.675	0.453
581	5.80	0.277	0.315	0.661	1.274	1.978	2.534	2.734	2.507	1.957	1.332
591	5.90	0.919	0.926	1.389	2.160	2.970	3.552	3.743	3.542	3.083	2.545
601	6.00	2.051	1.606	1.101	0.387	-0.627	-1.897	-3.230	-4.339	-4.966	-4.871
611	6.10	-4.100	-2.766	-1.105	0.627	2.209	3.480	4.329	4.675	4.456	3.641
621	6.20	2.261	0.439	-1.601	-3.566	-5.147	-6.111	-6.333	-5.834	-4.756	-3.318
631	6.30	-1.756	-0.282	0.943	1.814	2.271	2.296	1.914	1.192	0.240	-0.802
641	6.40	-1.782	-2.566	-3.045	-3.163	-2.894	-2.239	-1.225	0.076	1.525	2.882
651	6.50	3.812	3.941	2.949	0.711	-2.590	-6.413	-9.914	-12.327	-12.209	-9.712
661	6.60	-4.765	1.884	9.010	15.195	19.192	20.253	18.316	14.015	8.484	3.029
671	6.70	-1.232	-3.659	-4.209	-3.374	-1.947	-0.714	-0.174	-0.383	-0.986	-1.407
681	6.80	-1.133	0.026	1.806	3.559	4.468	3.869	1.523	-2.262	-6.705	-10.806
691	6.90	-13.664	-14.747	-14.015	-11.854	-8.883	-5.713	-2.771	-0.243	1.871	3.645
701	7.00	5.124	6.285	7.072	7.444	7.416	7.041	6.358	5.339	3.891	1.921
711	7.10	-0.562	-3.361	-6.088	-8.265	-9.490	-9.601	-8.744	-7.316	-5.802	-4.572
721	7.20	-3.748	-3.195	-2.631	-1.805	-0.640	0.717	1.959	2.769	2.948	2.501
731	7.30	1.605	0.538	-0.433	-1.118	-1.431	-1.394	-1.132	-0.875	-0.944	-1.691
741	7.40	-3.362	-5.924	-8.924	-11.488	-12.514	-11.033	-6.617	0.334	8.598	16.458
751	7.50	22.255	24.950	24.467	21.665	17.836	14.307	11.731	9.575	8.297	8.221
761	7.60	2.074	-2.697	-7.576	-11.376	-13.198	-12.872	-11.078	-9.069	-8.141	-9.029
771	7.70	-11.833	-15.566	-19.037	-21.127	-21.278	-19.638	-16.883	-13.817	-10.963	-8.337
781	7.80	-5.521	-1.975	2.571	7.849	13.047	17.090	19.079	18.683	16.324	13.029
791	7.90	10.043	8.343	8.266	9.419	10.891	11.666	11.068	9.025	6.065	3.060
801	8.00	0.838	-0.150	0.033	0.904	1.825	2.302	2.165	1.579	0.893	0.423
811	8.10	0.308	0.477	0.750	0.973	1.111	1.226	1.356	1.388	0.999	-0.243
821	8.20	-2.675	-6.291	-10.603	-14.688	-17.441	-17.928	-15.721	-11.060	-4.739	1.908
831	8.30	7.855	12.194	14.547	15.000	13.972	12.013	9.653	7.305	5.239	3.604
841	8.40	2.442	1.721	1.369	1.207	1.196	1.261	1.400	1.631	1.929	2.176
851	8.50	2.163	1.646	0.456	-1.390	-3.668	-5.682	-7.093	-8.380	-8.076	-6.790
861	8.60	-4.876	-2.792	-0.965	0.317	0.964	1.058	0.800	0.437	0.186	0.183
871	8.70	0.449	0.873	1.237	1.276	0.771	-0.361	-2.003	-3.855	-5.518	-6.630
881	8.80	-6.992	-6.626	-5.738	-4.611	-3.469	-2.403	-1.365	-0.262	0.938	2.129
891	8.90	3.080	3.538	3.356	2.594	1.502	0.442	-0.277	-0.523	-0.386	-0.118
901	9.00	0.001	-0.200	-0.707	-1.338	-1.833	-1.973	-1.670	-0.997	-0.147	0.631
911	9.10	1.119	1.183	0.807	0.090	-0.770	-1.531	-1.973	-1.982	-1.613	-1.087
921	9.20	-0.722	-0.791	-1.381	-2.320	-3.228	-3.701	-3.537	-2.902	-2.323	-2.473
931	9.30	-3.832	-4.376	-9.446	-11.926	-12.657	-10.914	-6.760	-1.078	4.749	9.363
941	9.40	11.953	12.510	11.744	10.680	10.169	10.522	11.445	12.277	12.382	11.486
951	9.50	9.795	7.841	6.161	5.006	4.221	3.378	2.059	0.142	-2.090	-4.062
961	9.60	-5.204	-5.240	-4.347	-3.062	-2.020	-1.638	-1.931	-2.542	-2.976	-2.892
971	9.70	-2.305	-1.578	-1.223	-1.599	-2.700	-4.128	-5.282	-5.661	-5.136	-4.004
981	9.80	-2.862	-2.294	-2.561	-3.450	-4.353	-4.536	-3.488	-1.168	1.956	5.088
991	9.90	7.418	8.427	8.053	6.653	4.810	3.076	1.777	0.956	0.448	0.050

Table 7—1—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1096 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.350	-0.712	-0.892	-0.757	-0.294	0.343	0.885	1.060	0.721	-0.087
1011	10.10	-1.144	-2.154	-2.874	-3.215	-3.273	-3.263	-3.610	-3.823	-4.430	-4.986
1021	10.20	-5.161	-4.674	-3.409	-1.482	0.729	2.920	4.499	5.214	4.986	3.978
1031	10.30	2.527	1.040	-0.138	-0.815	-0.999	-0.860	-0.648	-0.579	-0.752	-1.109
1041	10.40	-1.476	-1.644	-1.479	-0.995	-0.359	0.169	0.344	0.041	-0.683	-1.605
1051	10.50	-2.421	-2.862	-2.788	-2.228	-1.342	-0.336	0.621	1.457	2.185	2.854
1061	10.60	3.483	4.019	4.352	4.372	4.036	3.414	2.674	2.022	1.610	1.472
1071	10.70	1.510	1.539	1.380	0.939	0.253	-0.535	-1.244	-1.740	-1.998	-2.106
1081	10.80	-2.214	-2.461	-2.900	-3.470	-4.018	-4.352	-4.317	-3.865	-2.969	-1.799
1091	10.90	-0.484	0.837	2.063	3.133	4.015	4.694	5.156	5.393	5.409	5.233
1101	11.00	4.918	4.527	4.118	3.721	3.335	2.932	2.485	1.993	1.493	1.055
1111	11.10	0.750	0.612	0.600	0.595	0.428	-0.062	-0.957	-2.224	-3.707	-5.181
1121	11.20	-6.418	-7.265	-7.663	-7.658	-7.337	-6.777	-6.020	-5.083	-3.996	-2.869
1131	11.30	-1.793	-0.998	-0.584	-0.543	-0.723	-0.882	-0.799	-0.388	0.236	0.804
1141	11.40	1.013	0.701	-0.041	-0.866	-1.291	-0.907	0.428	2.503	4.818	6.778
1151	11.50	7.932	8.166	7.629	6.813	6.134	5.828	5.842	5.876	5.560	4.648
1161	11.60	3.150	1.342	-0.355	-1.551	-2.051	-1.918	-1.426	-0.929	-0.714	-0.899
1171	11.70	-1.414	-2.061	-2.618	-2.929	-2.956	-2.769	-2.496	-2.262	-2.138	-2.119
1181	11.80	-2.143	-2.121	-1.988	-1.742	-1.452	-1.251	-1.286	-1.663	-2.394	-3.372
1191	11.90	-4.398	-5.243	-5.726	-5.785	-5.486	-4.988	-4.465	-4.029	-3.685	-3.358
1201	12.00	-2.945	-2.397	-1.749	-1.102	-0.556	-0.135	0.244	0.736	1.478	2.500
1211	12.10	3.672	4.750	5.483	5.746	5.612	5.326	5.185	5.374	5.853	6.359
1221	12.20	6.521	6.058	4.934	3.611	1.958	1.042	0.927	1.544	2.524	3.362
1231	12.30	3.637	3.181	2.130	0.832	-0.330	-1.105	-1.468	-1.591	-1.735	-2.114
1241	12.40	-2.809	-3.753	-4.788	-5.735	-6.451	-6.833	-6.806	-6.301	-5.273	-3.744
1251	12.50	-1.852	0.145	1.919	3.191	3.839	3.966	3.867	3.906	4.349	5.238
1261	12.60	6.351	7.296	7.673	7.249	6.061	4.398	2.679	1.284	0.404	-0.010
1271	12.70	-0.197	-0.463	-1.044	-2.010	-3.256	-4.557	-5.666	-6.400	-6.677	-6.516
1281	12.80	-5.996	-5.213	-4.256	-3.208	-2.157	-1.201	-0.444	0.043	0.249	0.242
1291	12.90	0.159	0.155	0.366	0.760	1.315	1.855	2.214	2.286	2.083	1.731
1301	13.00	1.419	1.312	1.493	1.872	2.258	2.413	2.165	1.685	0.517	-0.478
1311	13.10	-1.223	-1.540	-1.428	-1.050	-0.670	-0.526	-0.733	-1.241	-1.868	-2.390
1321	13.20	-2.651	-2.625	-2.422	-2.225	-2.194	-2.399	-2.786	-3.216	-3.530	-3.617
1331	13.30	-3.446	-3.062	-2.543	-1.963	-1.373	-0.808	-0.312	0.052	0.210	0.120
1341	13.40	-0.187	-0.589	-0.897	-0.922	-0.556	0.166	1.068	1.892	2.395	2.445
1351	13.50	2.076	1.662	0.851	0.454	0.368	0.563	0.819	1.000	0.939	0.609
1361	13.60	0.105	-0.383	-0.644	-0.522	0.028	0.915	1.943	2.864	3.458	3.609
1371	13.70	3.350	2.858	2.399	2.240	2.537	3.271	4.231	5.077	5.455	5.132
1381	13.80	4.082	2.508	0.770	-0.741	-1.738	-2.126	-2.016	-1.657	-1.321	-1.194
1391	13.90	-1.320	-1.608	-1.902	-2.067	-2.062	-1.960	-1.915	-2.085	-2.559	-3.302
1401	14.00	-4.151	-4.852	-5.338	-4.805	-3.784	-2.162	-0.171	1.871	3.645	4.914
1411	14.10	5.587	5.230	5.530	5.216	4.970	4.862	4.827	4.712	4.355	3.672
1421	14.20	2.713	1.658	0.756	0.218	0.156	0.519	1.122	1.716	2.072	2.052
1431	14.30	1.641	0.920	0.019	-0.935	-1.857	-2.710	-3.486	-4.190	-4.817	-5.358
1441	14.40	-5.805	-6.156	-6.418	-6.597	-6.682	-6.640	-6.423	-5.987	-5.310	-4.612
1451	14.50	-3.350	-2.212	-1.093	-0.074	0.786	1.456	1.923	2.205	2.328	2.331
1461	14.60	2.256	2.137	1.991	1.817	1.600	1.331	1.022	0.718	0.477	0.348
1471	14.70	0.335	0.379	0.365	0.169	-0.294	-1.022	-1.913	-2.798	-3.503	-3.914
1481	14.80	-4.015	-3.888	-3.654	-3.413	-3.191	-2.928	-2.517	-1.872	-0.991	0.027
1491	14.90	1.003	1.748	2.143	2.185	1.990	1.746	1.636	1.775	2.167	2.724

Table 7—1—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1096 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.308	3.790	4.093	4.209	4.186	4.101	4.024	4.004	4.057	4.169
1511	15.10	4.303	4.400	4.391	4.204	3.786	3.125	2.283	1.297	0.360	-0.420
1521	15.20	-0.952	-1.213	-1.251	-1.160	-1.042	-0.973	-0.979	-1.034	-1.087	-1.089
1531	15.30	-1.017	-0.883	-0.731	-0.607	-0.548	-0.559	-0.620	-0.693	-0.739	-0.733
1541	15.40	-0.671	-0.568	-0.469	-0.336	-0.241	-0.161	-0.079	0.027	0.171	0.350
1551	15.50	0.541	0.698	0.768	0.703	0.481	0.115	-0.347	-0.828	-1.245	-1.533
1561	15.60	-1.659	-1.632	-1.493	-1.297	-1.059	-0.929	-0.796	-0.690	-0.597	-0.510
1571	15.70	-0.436	-0.397	-0.419	-0.519	-0.699	-0.946	-1.236	-1.543	-1.866	-2.126
1581	15.80	-2.361	-2.516	-2.539	-2.368	-1.969	-1.255	-0.313	0.798	1.967	2.982
1591	15.90	3.766	4.202	4.257	3.954	3.366	2.585	1.712	0.836	0.038	-0.616
1601	16.00	-1.074	-1.312	-1.340	-1.212	-1.011	-0.837	-0.765	-0.826	-0.991	-1.184
1611	16.10	-1.317	-1.333	-1.230	-1.071	-0.952	-0.960	-1.122	-1.388	-1.641	-1.744
1621	16.20	-1.599	-1.190	-0.604	-0.001	0.447	0.614	0.471	0.095	-0.369	-0.760
1631	16.30	-0.961	-0.962	-0.755	-0.506	-0.304	-0.216	-0.265	-0.337	-0.413	-0.404
1641	16.40	-0.288	-0.087	0.141	0.336	0.462	0.523	0.556	0.609	0.714	0.874
1651	16.50	1.060	1.232	1.361	1.443	1.507	1.592	1.726	1.894	2.058	2.153
1661	16.60	2.130	1.991	1.790	1.629	1.607	1.780	2.128	2.550	2.907	3.067
1671	16.70	2.965	2.624	2.143	1.650	1.247	0.967	0.771	0.572	0.291	-0.103
1681	16.80	-0.570	-1.021	-1.380	-1.529	-1.537	-1.449	-1.356	-1.326	-1.372	-1.452
1691	16.90	-1.499	-1.459	-1.330	-1.165	-1.068	-1.052	-1.201	-1.452	-1.717	-1.902
1701	17.00	-1.950	-1.860	-1.685	-1.500	-1.361	-1.284	-1.249	-1.218	-1.172	-1.121
1711	17.10	-1.102	-1.141	-1.229	-1.307	-1.282	-1.075	-0.868	-0.128	0.406	0.782
1721	17.20	0.903	0.778	0.525	0.322	0.329	0.606	1.090	1.620	2.012	2.150
1731	17.30	2.035	1.780	1.545	1.453	1.521	1.669	1.676	1.457	0.955	0.254
1741	17.40	-0.473	-1.050	-1.375	-1.471	-1.456	-1.476	-1.614	-1.846	-2.050	-2.082
1751	17.50	-1.859	-1.420	-0.922	-0.562	-0.482	-0.684	-1.018	-1.248	-1.160	-0.667
1761	17.60	0.145	1.053	1.796	2.195	2.222	2.000	1.732	1.588	1.620	1.737
1771	17.70	1.757	1.498	0.876	-0.054	-1.115	-2.084	-2.780	-3.125	-3.157	-2.989
1781	17.80	-2.748	-2.518	-2.323	-2.140	-1.936	-1.687	-1.411	-1.136	-0.873	-0.622
1791	17.90	-0.346	-0.007	0.410	0.885	1.366	1.788	2.110	2.324	2.461	2.566
1801	18.00	2.673	2.792	2.901	2.974	2.993	2.967	2.924	2.897	2.890	2.877
1811	18.10	2.799	2.591	2.213	1.667	0.997	0.277	-0.419	-1.038	-1.554	-1.960
1821	18.20	-2.251	-2.418	-2.445	-2.328	-2.095	-1.809	-1.559	-1.434	-1.478	-1.676
1831	18.30	-1.938	-2.147	-2.183	-1.981	-1.544	-0.950	-0.308	0.273	0.728	1.046
1841	18.40	1.256	1.405	1.529	1.637	1.719	1.759	1.760	1.748	1.763	1.864
1851	18.50	2.000	2.201	2.384	2.477	2.424	2.205	1.843	1.380	0.865	0.329
1861	18.60	-0.218	-0.782	-1.365	-1.946	-2.483	-2.924	-3.226	-3.376	-3.399	-3.344
1871	18.70	-3.263	-3.182	-3.093	-2.958	-2.730	-2.382	-1.928	-1.415	-0.912	-0.474
1881	18.80	-0.120	0.174	0.467	0.819	1.265	1.792	2.344	2.840	3.206	3.393
1891	18.90	3.406	3.283	3.084	2.864	2.657	2.463	2.257	2.002	1.667	1.242
1901	19.00	0.744	0.215	-0.289	-0.715	-1.031	-1.237	-1.368	-1.484	-1.656	-1.935
1911	19.10	-2.343	-2.852	-3.397	-3.887	-4.236	-4.376	-4.283	-3.969	-3.479	-2.875
1921	19.20	-2.219	-1.564	-0.953	-0.413	0.034	0.380	0.622	0.767	0.834	0.847
1931	19.30	0.832	0.813	0.806	0.818	0.848	0.889	0.929	0.963	0.989	1.016
1941	19.40	1.061	1.143	1.276	1.454	1.665	1.793	1.830	1.700	1.384	0.913
1951	19.50	0.373	-0.125	-0.471	-0.600	-0.510	-0.262	0.040	0.292	0.426	0.426
1961	19.60	0.332	0.210	0.125	0.107	0.165	0.196	0.204	0.134	-0.015	-0.207
1971	19.70	-0.380	-0.477	-0.464	-0.347	-0.166	0.012	0.129	0.151	0.083	-0.031
1981	19.80	-0.123	-0.131	-0.016	0.218	0.526	0.865	1.111	1.287	1.369	1.383
1991	19.90	1.367	1.346	1.325	1.289	1.216	1.103	0.972	0.863	0.818	0.845

Table 7—1—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1094 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.910	0.933	0.824	0.517	0.009	-0.633	-1.289	-1.835	-2.189	-2.339
2011	20.10	-2.346	-2.306	-2.302	-2.365	-2.466	-2.531	-2.487	-2.304	-2.007	-1.671
2021	20.20	-1.377	-1.174	-1.053	-0.953	-0.791	-0.511	-0.109	0.357	0.794	1.115
2031	20.30	1.284	1.323	1.311	1.339	1.477	1.742	2.097	2.475	2.810	3.066
2041	20.40	3.243	3.367	3.466	3.532	3.536	3.418	3.129	2.656	2.038	1.354
2051	20.50	0.697	0.135	-0.318	-0.704	-1.095	-1.554	-2.094	-2.666	-3.172	-3.509
2061	20.60	-3.621	-3.526	-3.317	-3.124	-3.048	-3.120	-3.278	-3.398	-3.351	-3.069
2071	20.70	-2.581	-2.008	-1.505	-1.192	-1.094	-1.131	-1.153	-1.006	-0.606	0.033
2081	20.80	0.807	1.579	2.239	2.745	3.116	3.395	3.595	3.673	3.542	3.121
2091	20.90	2.397	1.458	0.480	-0.338	-0.852	-1.042	-1.011	-0.936	-0.782	-1.218
2101	21.00	-1.589	-1.949	-2.140	-2.077	-1.794	-1.424	-1.132	-1.022	-1.085	-1.199
2111	21.10	-1.195	-0.946	-0.441	0.207	0.803	1.165	1.202	0.956	0.574	0.236
2121	21.20	0.071	0.110	0.283	0.477	0.600	0.633	0.631	0.683	0.853	1.129
2131	21.30	1.424	1.607	1.573	1.291	0.826	0.310	-0.113	-0.350	-0.395	-0.317
2141	21.40	-0.226	-0.214	-0.320	-0.517	-0.731	-0.887	-0.938	-0.882	-0.758	-0.620
2151	21.50	-0.512	-0.451	-0.426	-0.405	-0.354	-0.244	-0.056	0.228	0.602	1.052
2161	21.60	1.543	2.022	2.422	2.684	2.778	2.717	2.559	2.388	2.285	2.300
2171	21.70	2.436	2.651	2.877	3.053	3.143	3.161	3.067	2.940	2.763	2.518
2181	21.80	2.174	1.712	1.140	0.505	-0.118	-0.651	-1.042	-1.282	-1.408	-1.483
2191	21.90	-1.572	-1.713	-1.905	-2.120	-2.318	-2.473	-2.589	-2.695	-2.828	-3.010
2201	22.00	-3.231	-3.448	-3.598	-3.631	-3.536	-3.344	-3.126	-2.962	-2.902	-2.948
2211	22.10	-3.067	-3.109	-3.050	-2.819	-2.426	-1.932	-1.428	-0.998	-0.686	-0.490
2221	22.20	-0.366	-0.257	-0.124	0.061	0.212	0.348	0.417	0.413	0.361	0.303
2231	22.30	0.275	0.252	0.339	0.381	0.385	0.341	0.264	0.194	0.173	0.221
2241	22.40	0.325	0.460	0.516	0.508	0.424	0.311	0.248	0.316	0.566	0.990
2251	22.50	1.521	2.050	2.460	2.665	2.635	2.407	2.070	1.732	1.488	1.385
2261	22.60	1.417	1.531	1.655	1.729	1.723	1.651	1.549	1.458	1.393	1.336
2271	22.70	1.241	1.057	0.761	0.377	-0.026	-0.358	-0.539	-0.534	-0.367	-0.105
2281	22.80	0.169	0.395	0.556	0.668	0.764	0.853	0.905	0.856	0.645	0.245
2291	22.90	-0.300	-0.888	-1.368	-1.695	-1.776	-1.677	-1.497	-1.331	-1.226	-1.152
2301	23.00	-1.032	-0.789	-0.610	0.027	0.377	0.487	0.276	-0.214	-0.820	-1.324
2311	23.10	-1.539	-1.395	-0.963	-0.422	0.027	0.252	0.248	0.131	0.066	0.185
2321	23.20	0.512	0.952	1.335	1.500	1.366	0.974	0.459	-0.014	-0.323	-0.438
2331	23.30	-0.419	-0.372	-0.388	-0.498	-0.665	-0.810	-0.861	-0.790	-0.628	-0.440
2341	23.40	-0.293	-0.223	-0.229	-0.290	-0.386	-0.525	-0.736	-1.048	-1.459	-1.916
2351	23.50	-2.326	-2.587	-2.633	-2.469	-2.168	-1.844	-1.595	-1.463	-1.412	-1.354
2361	23.60	-1.189	-0.862	-0.385	0.161	0.671	1.063	1.318	1.483	1.644	1.881
2371	23.70	2.218	2.610	2.955	3.136	3.073	2.757	2.255	1.689	1.189	0.856
2381	23.80	0.731	0.800	1.002	1.261	1.506	1.689	1.771	1.734	1.573	1.291
2391	23.90	0.911	0.469	0.018	-0.389	-0.711	-0.930	-1.056	-1.118	-1.147	-1.165
2401	24.00	-1.174	-1.160	-1.103	-0.991	-0.834	-0.657	-0.493	-0.374	-0.313	-0.307
2411	24.10	-0.338	-0.385	-0.432	-0.467	-0.482	-0.462	-0.382	-0.214	0.066	0.463
2421	24.20	0.952	1.480	1.977	2.371	2.608	2.652	2.529	2.228	1.794	1.269
2431	24.30	0.712	0.189	-0.228	-0.478	-0.537	-0.434	-0.254	-0.113	-0.126	-0.354
2441	24.40	-0.781	-1.311	-1.804	-2.130	-2.220	-2.096	-1.857	-1.628	-1.506	-1.511
2451	24.50	-1.580	-1.599	-1.458	-1.111	-0.598	-0.038	0.427	0.680	0.682	0.475
2461	24.60	0.154	-0.174	-0.438	-0.622	-0.749	-0.860	-0.974	-1.077	-1.128	-1.084
2471	24.70	-0.924	-0.669	-0.371	-0.097	0.100	0.195	0.193	0.115	-0.019	-0.195
2481	24.80	-0.410	-0.656	-0.906	-1.131	-1.289	-1.357	-1.338	-1.262	-1.174	-1.110
2491	24.90	-1.079	-1.058	-1.000	-0.862	-0.622	-0.296	0.077	0.445	0.769	1.033

Table 7—1—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1094 112-GR-1-42 TR. (HA.) KINOKAWA BRIDGE MAX. ACC. = 24.950 (GAL) T= 7.52 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.243	1.413	1.553	1.662	1.734	1.766	1.773	1.785	1.836	1.918
2511	25.10	2.114	2.299	2.452	2.528	2.503	2.382	2.189	1.944	1.652	1.297
2521	25.20	0.859	0.336	-0.237	-0.786	-1.220	-1.468	-1.508	-1.381	-1.189	-1.046
2531	25.30	-1.039	-1.197	-1.432	-1.809	-2.082	-2.227	-2.215	-2.062	-1.813	-1.518
2541	25.40	-1.219	-0.946	-0.716	-0.545	-0.444	-0.415	-0.441	-0.487	-0.500	-0.432
2551	25.50	-0.254	0.023	0.355	0.679	0.939	1.111	1.210	1.284	1.391	1.573
2561	25.60	1.835	2.144	2.442	2.669	2.785	2.786	2.702	2.583	2.478	2.415
2571	25.70	2.395	2.388	2.351	2.245	2.050	1.774	1.448	1.118	0.824	0.584
2581	25.80	0.396	0.236	0.081	-0.085	-0.255	-0.403	-0.504	-0.546	-0.546	-0.546
2591	25.90	-0.595	-0.726	-0.936	-1.176	-1.375	-1.466	-1.424	-1.276	-1.101	-0.994
2601	26.00	-1.026	-1.209	-1.488	-1.764	-1.928	-1.909	-1.700	-1.355	-0.965	-0.618
2611	26.10	-0.367	-0.224	-0.162	-0.144	-0.150	-0.180	-0.255	-0.394	-0.592	-0.814
2621	26.20	-1.000	-1.084	-1.024	-0.811	-0.482	-0.099	0.265	0.553	0.731	0.797
2631	26.30	0.772	0.686	0.521	0.450	0.328	0.200	0.051	-0.135	-0.360	-0.611
2641	26.40	-0.853	-1.040	-1.127	-1.089	-0.938	-0.725	-0.524	-0.409	-0.430	-0.586
2651	26.50	-0.830	-1.082	-1.262	-1.316	-1.237	-1.063	-0.857	-0.682	-0.572	-0.530
2661	26.60	-0.524	-0.515	-0.471	-0.384	-0.271	-0.162	-0.085	-0.057	-0.073	-0.115
2671	26.70	-0.158	-0.184	-0.188	-0.176	-0.160	-0.152	-0.158	-0.173	-0.188	-0.190
2681	26.80	-0.170	-0.122	-0.069	0.063	0.142	0.231	0.295	0.321	0.299	0.250
2691	26.90	0.125	0.003	-0.111	-0.194	-0.232	-0.220	-0.166	-0.084	0.007	0.092
2701	27.00	0.165	0.223	0.267	0.297	0.311	0.301	0.260	0.187	0.090	-0.016
2711	27.10	-0.110	-0.169	-0.182	-0.143	-0.056	0.066	0.209	0.361	0.507	0.633
2721	27.20	0.729	0.787	0.809	0.808	0.808	0.836	0.916	1.043	1.204	1.364
2731	27.30	1.487	1.554	1.564	1.540	1.505	1.473	1.430	1.341	1.166	0.886
2741	27.40	0.518	0.133	-0.221	-0.465	-0.523	-0.482	-0.386	-0.309	-0.290	-0.324
2751	27.50	-0.359	-0.337	-0.226	-0.068	0.131	0.230	0.203	0.071	-0.085	-0.153
2761	27.60	-0.057	0.206	0.547	0.827	0.916	0.762	0.420	0.036	-0.229	-0.254
2771	27.70	-0.025	0.368	0.780	1.089	1.255	1.333	1.436	1.658	2.010	2.388
2781	27.80	2.615	2.512	1.995	1.123	0.092	-0.840	-1.447	-1.629	-1.437	-1.044
2791	27.90	-0.664	-0.459	-0.483	-0.672	-0.898	-1.031	-1.005	-0.839	-0.613	-0.428
2801	28.00	-0.345	-0.369	-0.453	-0.529	-0.550	-0.511	-0.451	-0.427	-0.483	-0.628
2811	28.10	-0.831	-1.035	-1.186	-1.268	-1.216	-1.107	-0.951	-0.775	-0.599	-0.434
2821	28.20	-0.289	-0.170	-0.082	-0.020	0.034	0.106	0.219	0.385	0.588	0.790
2831	28.30	0.942	1.005	0.962	0.852	0.658	0.490	0.366	0.297	0.264	0.234
2841	28.40	0.174	0.066	-0.089	-0.271	-0.454	-0.615	-0.741	-0.826	-0.866	-0.858
2851	28.50	-0.800	-0.698	-0.572	-0.453	-0.380	-0.381	-0.460	-0.595	-0.760	-0.866
2861	28.60	-0.876	-0.822	-0.705	-0.556	-0.403	-0.252	-0.088	0.112	0.360	0.640
2871	28.70	0.907	1.101	1.176	1.121	0.971	0.794	0.664	0.628	0.684	0.786
2881	28.80	0.862	0.846	0.711	0.569	0.371	-0.129	-0.392	-0.608	-0.792	-0.965
2891	28.90	-1.136	-1.292	-1.405	-1.445	-1.406	-1.307	-1.185	-1.078	-1.005	-0.953
2901	29.00	-0.896	-0.797	-0.654	-0.488	-0.341	-0.256	-0.248	-0.288	-0.316	-0.266
2911	29.10	-0.097	0.182	0.512	0.808	0.993	1.032	0.944	0.790	0.644	0.562
2921	29.20	0.560	0.612	0.668	0.681	0.619	0.480	0.279	0.039	-0.215	-0.462
2931	29.30	-0.679	-0.840	-0.914	-0.886	-0.762	-0.585	-0.420	-0.335	-0.375	-0.534
2941	29.40	-0.760	-0.971	-1.091	-1.085	-0.973	-0.818	-0.694	-0.648	-0.672	-0.712
2951	29.50	-0.687	-0.533	-0.241	0.140	0.517	0.793	0.906	0.856	0.691	0.501
2961	29.60	0.360	0.308	0.336	0.404						

Table 7—2—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1095 112-GR-1-62 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	-2.986	-2.576	-1.860	-1.030	-0.300	0.180	0.353	0.253	-0.028	-0.379
11	0.10	-0.704	-0.938	-1.056	-1.064	-0.987	-0.856	-0.673	-0.513	-0.310	-0.071
21	0.20	0.211	0.515	0.786	0.936	0.874	0.550	-0.011	-0.691	-1.305	-1.658
31	0.30	-1.621	-1.188	-0.498	0.209	0.674	0.713	0.287	-0.480	-1.351	-2.062
41	0.40	-2.411	-2.323	-1.855	-1.159	-0.412	0.238	0.705	0.966	1.026	0.910
51	0.50	0.638	0.242	-0.222	-0.664	-0.980	-1.077	-0.918	-0.540	-0.042	0.449
61	0.60	0.830	1.055	1.140	1.139	1.096	1.018	0.870	0.603	0.199	-0.297
71	0.70	-0.775	-1.102	-1.184	-1.015	-0.686	-0.358	-0.175	-0.208	-0.419	-0.680
81	0.80	-0.844	-0.821	-0.625	-0.367	-0.198	-0.224	-0.456	-0.788	-1.076	-1.190
91	0.90	-1.093	-0.855	-0.605	-0.458	-0.445	-0.494	-0.675	-0.281	0.093	0.527
101	1.00	0.827	0.818	0.454	-0.142	-0.716	-0.981	-0.773	-0.120	0.745	1.484
111	1.10	1.801	1.565	0.871	-0.011	-0.760	-1.141	-1.093	-0.735	-0.285	0.051
121	1.20	0.171	0.095	-0.073	-0.222	-0.357	-0.396	-0.540	-0.799	-1.136	-1.424
131	1.30	-1.496	-1.233	-0.630	0.178	0.975	1.568	1.779	1.689	1.412	1.117
141	1.40	0.923	0.842	0.785	0.630	0.297	-0.189	-0.697	-1.047	-1.095	-0.806
151	1.50	-0.275	0.310	0.750	0.919	0.814	0.544	0.274	0.143	0.202	0.398
161	1.60	0.596	0.669	0.540	0.236	-0.125	-0.375	-0.370	-0.047	0.549	1.269
171	1.70	1.914	2.296	2.297	1.908	1.228	0.432	-0.282	-0.750	-0.885	-0.690
181	1.80	-0.251	0.301	0.830	1.230	1.445	1.466	1.318	1.039	0.672	0.260
191	1.90	-0.156	-0.526	-0.798	-0.927	-0.892	-0.705	-0.412	-0.083	0.210	0.411
201	2.00	0.497	0.476	0.377	0.233	0.072	-0.093	-0.254	-0.405	-0.531	-0.615
211	2.10	-0.635	-0.580	-0.453	-0.271	-0.065	0.133	0.296	0.406	0.457	0.455
221	2.20	0.413	0.349	0.286	0.238	0.217	0.222	0.242	0.262	0.268	0.252
231	2.30	0.215	0.165	0.108	0.046	-0.025	-0.105	-0.188	-0.256	-0.279	-0.245
241	2.40	-0.156	-0.039	0.044	0.040	-0.078	-0.291	-0.528	-0.695	-0.706	-0.529
251	2.50	-0.198	0.194	0.534	0.736	0.770	0.672	0.518	0.387	0.321	0.308
261	2.60	0.302	0.251	0.134	-0.020	-0.147	-0.174	-0.066	0.159	0.439	0.469
271	2.70	0.743	0.680	0.491	0.244	0.013	-0.151	-0.244	-0.294	-0.340	-0.409
281	2.80	-0.490	-0.546	-0.529	-0.406	-0.178	0.112	0.397	0.606	0.691	0.662
291	2.90	0.488	0.285	0.093	-0.039	-0.094	-0.088	-0.059	-0.052	-0.098	-0.206
301	3.00	-0.343	-0.466	-0.523	-0.478	-0.335	-0.133	0.060	0.177	0.168	0.028
311	3.10	-0.210	-0.486	-0.737	-0.920	-1.021	-1.049	-1.025	-0.961	-0.856	-0.696
321	3.20	-0.474	-0.200	0.084	0.315	0.429	0.387	0.191	-0.107	-0.427	-0.686
331	3.30	-0.827	-0.835	-0.745	-0.616	-0.512	-0.470	-0.491	-0.538	-0.558	-0.507
341	3.40	-0.369	-0.166	0.042	0.187	0.209	0.087	-0.156	-0.457	-0.736	-0.913
351	3.50	-0.950	-0.843	-0.624	-0.352	-0.082	0.142	0.298	0.384	0.407	0.380
361	3.60	0.315	0.226	0.130	0.046	-0.007	-0.026	-0.020	-0.015	-0.039	-0.110
371	3.70	-0.222	-0.349	-0.456	-0.519	-0.540	-0.550	-0.584	-0.660	-0.750	-0.780
381	3.80	-0.654	-0.302	0.278	0.997	1.687	2.160	2.274	1.994	1.404	0.681
391	3.90	0.022	-0.431	-0.636	-0.657	-0.608	-0.593	-0.648	-0.722	-0.710	-0.517
401	4.00	-0.115	0.428	0.964	1.329	1.407	1.184	0.744	0.236	-0.195	-0.459
411	4.10	-0.551	-0.527	-0.467	-0.429	-0.422	-0.415	-0.366	-0.256	-0.097	0.060
421	4.20	0.166	0.195	0.156	0.087	0.022	-0.018	-0.040	-0.060	-0.077	-0.066
431	4.30	0.014	0.189	0.431	0.650	0.716	0.521	0.047	-0.597	-1.201	-1.533
441	4.40	-1.445	-0.954	-0.249	0.388	0.708	0.620	0.237	-0.169	-0.306	-0.012
451	4.50	0.657	1.435	1.976	2.005	1.479	0.588	-0.322	-0.916	-1.019	-0.686
461	4.60	-0.148	0.325	0.568	0.595	0.562	0.647	0.924	1.295	1.536	1.433
471	4.70	0.915	0.123	-0.645	-1.086	-1.059	-0.670	-0.221	-0.066	-0.318	-0.931
481	4.80	-1.545	-1.762	-1.351	-0.403	0.689	1.417	1.421	0.694	-0.389	-1.247
491	4.90	-1.386	-0.663	0.618	1.847	2.405	1.985	0.758	-0.699	-1.683	-1.716

Table 7—2—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1095 112-GR-1-62 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-0.783	0.659	1.904	2.352	1.799	0.537	-0.804	-1.544	-1.379	-0.364
511	5.10	1.044	2.153	2.503	1.986	0.872	-0.349	-1.225	-1.561	-1.374	-0.993
521	5.20	-0.675	-0.546	-0.537	-0.467	-0.188	0.287	0.770	0.995	0.775	0.126
531	5.30	-0.718	-1.410	-1.669	-1.421	-0.844	-0.271	-0.009	-0.168	-0.590	-0.919
541	5.40	-0.787	-0.007	1.302	2.742	3.795	4.035	3.313	1.811	-0.044	-1.755
551	5.50	-2.966	-3.480	-3.456	-3.109	-2.670	-2.249	-1.814	-1.245	-0.439	0.595
561	5.60	1.705	2.631	3.113	2.985	2.247	1.067	-0.279	-1.492	-2.331	-2.662
571	5.70	-2.459	-1.782	-0.746	0.499	1.786	2.928	3.741	4.078	3.865	3.138
581	5.80	2.050	0.832	-0.265	-1.651	-1.444	-1.488	-1.311	-1.072	-0.889	-0.804
591	5.90	-0.786	-0.765	-0.675	-0.496	-0.260	-0.032	0.117	0.143	0.040	-0.165
601	6.00	-0.429	-0.703	-0.943	-1.109	-1.172	-1.119	-0.965	-0.759	-0.571	-0.464
611	6.10	-0.456	-0.500	-0.492	-0.319	0.076	0.648	1.238	1.638	1.681	1.336
621	6.20	0.737	0.156	-0.125	0.055	0.648	1.402	1.962	2.027	1.488	0.472
631	6.30	-0.711	-1.722	-2.335	-2.525	-2.448	-2.325	-2.309	-2.393	-2.419	-2.179
641	6.40	-1.545	-0.558	0.572	1.565	2.204	2.439	2.393	2.276	2.256	2.354
651	6.50	2.433	2.288	1.779	0.940	-0.011	-0.762	-1.063	-0.857	-0.311	0.265
661	6.60	0.581	0.523	0.208	-0.073	-0.018	0.515	1.414	2.337	2.856	2.638
671	6.70	1.581	-0.151	-2.200	-4.151	-5.651	-6.478	-6.539	-5.836	-4.441	-2.499
681	6.80	-0.262	1.908	3.590	4.613	4.200	3.051	1.339	-0.625	-1.785	-2.514
691	6.90	-2.672	-2.531	-2.387	-2.375	-2.378	-2.090	-1.202	0.381	2.420	4.361
701	7.00	5.842	5.751	4.635	2.632	0.350	-1.595	-2.811	-3.253	-3.155	-2.852
711	7.10	-2.572	-2.325	-1.938	-1.203	-0.058	1.326	2.581	3.307	3.255	2.452
721	7.20	1.180	-0.157	-1.219	-1.861	-2.149	-2.262	-2.341	-2.392	-2.286	-1.872
731	7.30	-1.818	-0.196	0.553	0.776	0.299	-0.729	-1.857	-2.500	-2.190	-0.804
741	7.40	1.362	3.694	5.508	6.320	6.016	4.865	3.360	1.990	1.048	0.561
751	7.50	0.359	0.229	0.061	-0.090	-0.055	0.319	1.043	1.943	2.709	3.042
761	7.60	2.786	2.015	0.994	0.061	-0.526	-0.704	-0.511	-0.511	-0.654	-1.162
771	7.70	-1.978	-2.506	-3.706	-4.205	-4.357	-4.239	-3.986	-3.712	-3.458	-3.186
781	7.80	-2.824	-2.324	-1.705	-1.052	-0.460	-0.073	0.147	0.226	0.244	0.255
791	7.90	0.258	0.194	-0.009	-0.375	-0.831	-1.196	-1.239	-0.758	0.321	1.894
801	8.00	3.687	5.324	6.444	6.801	6.328	5.140	3.476	1.618	-0.187	-1.765
811	8.10	-3.014	-3.870	-4.276	-4.168	-3.502	-2.300	-0.689	1.075	2.643	3.652
821	8.20	3.822	3.062	1.421	-0.734	-2.987	-4.883	-6.056	-6.296	-5.601	-4.130
831	8.30	-2.154	0.016	2.099	3.882	5.238	6.078	6.402	6.208	5.527	4.426
841	8.40	3.025	1.507	0.104	-0.938	-1.415	-1.228	-0.416	0.845	2.277	3.571
851	8.50	4.463	4.783	4.470	3.558	2.138	0.330	-1.727	-3.859	-5.840	-7.397
861	8.60	-8.266	-8.174	-7.119	-5.229	-2.852	-0.455	1.506	2.723	3.119	2.847
871	8.70	2.209	1.529	1.032	0.787	0.721	0.696	0.604	0.433	0.269	0.247
881	8.80	0.469	0.967	1.586	2.218	2.672	2.637	2.688	2.278	1.698	1.029
891	8.90	0.319	-0.410	-1.143	-1.848	-2.471	-2.956	-3.269	-3.421	-3.459	-3.463
901	9.00	-3.606	-3.324	-3.133	-2.750	-2.122	-1.272	-0.303	0.615	1.296	1.591
911	9.10	1.623	0.809	-0.169	-1.278	-2.369	-3.199	-3.571	-3.354	-2.518	-1.158
921	9.20	0.516	2.221	3.679	4.695	5.201	5.265	5.036	4.663	4.259	3.757
931	9.30	3.142	2.317	1.265	0.072	-1.096	-2.051	-2.683	-2.905	-2.861	-2.677
941	9.40	-2.491	-2.379	-2.339	-2.320	-2.270	-2.174	-2.069	-2.009	-2.032	-2.125
951	9.50	-2.231	-2.286	-2.249	-2.145	-2.029	-1.947	-1.875	-1.702	-1.259	-0.601
961	9.60	0.898	2.490	4.067	5.248	5.717	5.339	4.221	2.676	1.115	-0.089
971	9.70	-0.716	-0.742	-0.311	0.339	0.968	1.401	1.552	1.420	1.061	0.568
981	9.80	0.049	-0.384	-0.661	-0.679	-0.524	-0.278	-0.092	-0.111	-0.408	-0.948
991	9.90	-1.587	-2.120	-2.368	-2.244	-1.784	-1.126	-0.443	0.137	0.577	0.929

Table 7—2—3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1095 112-GR-1-42 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.286	1.708	2.189	2.634	2.908	2.902	2.587	2.029	1.366	0.745
1011	10.10	0.266	-0.052	-0.244	-0.378	-0.501	-0.614	-0.681	-0.661	-0.539	-0.366
1021	10.20	-0.144	0.010	0.096	0.149	0.238	0.423	0.704	1.002	1.169	1.061
1031	10.30	0.513	-0.410	-1.589	-2.789	-3.742	-4.237	-4.176	-3.604	-2.676	-1.405
1041	10.40	-0.587	0.247	0.853	1.256	1.515	1.671	1.729	1.653	1.390	0.913
1051	10.50	0.253	-0.487	-1.151	-1.577	-1.667	-1.337	-0.729	0.001	0.644	1.017
1061	10.60	1.018	0.657	0.045	-0.634	-1.277	-1.715	-1.937	-1.982	-1.922	-1.820
1071	10.70	-1.692	-1.505	-1.190	-0.686	0.021	0.877	1.765	2.537	3.060	3.265
1081	10.80	3.163	2.841	2.430	2.056	1.800	1.679	1.649	1.639	1.584	1.456
1091	10.90	1.270	1.080	0.944	0.900	0.949	1.056	1.168	1.234	1.224	1.135
1101	11.00	0.983	0.785	0.552	0.280	-0.035	-0.390	-0.762	-1.112	-1.394	-1.579
1111	11.10	-1.670	-1.702	-1.729	-1.806	-1.961	-2.188	-2.445	-2.676	-2.831	-2.879
1121	11.20	-2.816	-2.653	-2.402	-2.068	-1.653	-1.164	-0.631	-0.113	0.309	0.553
1131	11.30	0.563	0.341	-0.054	-0.510	-0.896	-1.097	-1.045	-0.736	-0.230	0.369
1141	11.40	0.941	1.376	1.600	1.593	1.393	1.084	0.774	0.566	0.524	0.655
1151	11.50	0.900	1.165	1.369	1.391	1.294	1.123	0.975	0.931	1.015	1.178
1161	11.60	1.318	1.329	1.154	0.820	0.432	0.123	-0.005	0.060	0.230	0.350
1171	11.70	0.270	-0.082	-0.681	-1.316	-1.866	-2.090	-1.997	-1.625	-1.121	-0.662
1181	11.80	-0.284	-0.050	0.134	0.365	0.695	1.089	1.438	1.611	1.524	1.187
1191	11.90	0.710	0.255	-0.040	-0.119	-0.036	0.082	0.161	-0.045	-0.322	-0.611
1201	12.00	-0.764	-0.682	-0.371	0.061	0.438	0.601	0.467	0.065	-0.483	-1.013
1211	12.10	-1.391	-1.550	-1.504	-1.323	-1.087	-0.851	-0.631	-0.411	-0.174	0.082
1221	12.20	0.333	0.538	0.670	0.725	0.738	0.759	0.835	0.979	1.163	1.318
1231	12.30	1.365	1.239	0.919	0.437	-0.127	-0.669	-1.087	-1.309	-1.310	-1.116
1241	12.40	-0.798	-0.450	-0.165	-0.010	-0.011	-0.145	-0.354	-0.562	-0.702	-0.735
1251	12.50	-0.664	-0.521	-0.358	-0.222	-0.136	-0.096	-0.077	-0.043	0.043	0.191
1261	12.60	0.358	0.643	0.892	1.110	1.258	1.303	1.219	0.998	0.654	0.230
1271	12.70	-0.206	-0.571	-0.795	-0.837	-0.705	-0.448	-0.147	0.122	0.309	0.409
1281	12.80	0.458	0.506	0.594	0.725	0.859	0.933	0.886	0.694	0.387	0.040
1291	12.90	-0.255	-0.425	-0.442	-0.337	-0.178	-0.041	0.029	0.028	-0.003	-0.014
1301	13.00	0.035	0.144	0.280	0.394	0.447	0.433	0.378	0.323	0.299	0.301
1311	13.10	0.291	0.216	0.033	-0.263	-0.634	-1.036	-1.350	-1.610	-1.810	-1.992
1321	13.20	-2.194	-2.423	-2.644	-2.796	-2.824	-2.716	-2.513	-2.296	-2.138	-2.063
1331	13.30	-2.015	-1.879	-1.522	-0.866	0.065	1.136	2.132	2.840	3.120	2.960
1341	13.40	2.475	1.858	1.306	0.949	0.814	0.837	0.905	0.921	0.847	0.713
1351	13.50	0.597	0.574	0.673	0.863	1.055	1.147	1.064	0.796	0.405	-0.001
1361	13.60	-0.298	-0.398	-0.267	0.063	0.512	0.979	1.372	1.623	1.697	1.590
1371	13.70	1.323	0.937	0.489	0.050	-0.309	-0.534	-0.604	-0.550	-0.440	-0.365
1381	13.80	-0.397	-0.560	-0.816	-1.076	-1.245	-1.262	-1.141	-0.963	-0.846	-0.882
1391	13.90	-1.084	-1.369	-1.584	-1.571	-1.247	-0.647	0.069	0.681	0.993	0.915
1401	14.00	0.504	-0.065	-0.566	-0.820	-0.759	-0.440	-0.008	0.378	0.612	0.676
1411	14.10	0.631	0.567	0.554	0.610	0.708	0.799	0.855	0.886	0.927	1.009
1421	14.20	1.126	1.222	1.216	1.036	0.672	0.187	-0.298	-0.654	-0.801	-0.745
1431	14.30	-0.571	-0.400	-0.333	-0.399	-0.547	-0.676	-0.686	-0.537	-0.266	0.034
1441	14.40	0.260	0.356	0.329	0.295	0.327	0.501	0.809	1.166	1.449	1.556
1451	14.50	1.461	1.224	0.969	0.823	0.858	1.049	1.288	1.430	1.357	1.036
1461	14.60	0.523	-0.043	-0.513	-0.782	-0.826	-0.698	-0.499	-0.327	-0.239	-0.232
1471	14.70	-0.266	-0.292	-0.286	-0.258	-0.249	-0.301	-0.433	-0.633	-0.863	-1.083
1481	14.80	-1.274	-1.444	-1.617	-1.818	-2.046	-2.272	-2.447	-2.530	-2.508	-2.401
1491	14.90	-2.255	-2.104	-1.956	-1.774	-1.497	-1.072	-0.489	0.205	0.913	1.527

Table 7—2—4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1095 112-GR-1-42 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.973	2.232	2.350	2.403	2.461	2.549	2.640	2.669	2.578	2.362
1511	15.10	1.992	1.604	1.265	1.045	0.971	1.031	1.183	1.380	1.574	1.719
1521	15.20	1.763	1.637	1.277	0.645	-0.234	-1.261	-2.270	-3.073	-3.525	-3.572
1531	15.30	-3.275	-2.786	-2.289	-1.934	-1.784	-1.807	-1.905	-1.966	-1.917	-1.753
1541	15.40	-1.523	-1.301	-1.140	-1.051	-0.907	-0.924	-0.784	-0.566	-0.293	-0.005
1551	15.50	0.264	0.508	0.746	1.006	1.305	1.624	1.915	2.110	2.158	2.045
1561	15.60	1.805	1.506	1.228	1.028	0.923	0.886	0.859	0.780	0.608	0.336
1571	15.70	-0.004	-0.362	-0.676	-0.905	-1.028	-1.058	-1.030	-0.991	-0.986	-1.041
1581	15.80	-1.155	-1.301	-1.431	-1.495	-1.454	-1.295	-1.039	-0.728	-0.413	-0.136
1591	15.90	0.091	0.281	0.463	0.668	0.902	1.148	1.363	1.500	1.553	1.465
1601	16.00	1.334	1.198	1.104	1.073	1.089	1.108	1.082	0.982	0.816	0.625
1611	16.10	0.462	0.363	0.332	0.334	0.313	0.222	0.050	-0.174	-0.389	-0.537
1621	16.20	-0.594	-0.586	-0.585	-0.675	-0.910	-1.285	-1.723	-2.104	-2.309	-2.265
1631	16.30	-1.976	-1.521	-1.023	-0.604	-0.341	-0.245	-0.265	-0.320	-0.328	-0.239
1641	16.40	-0.044	0.229	0.536	0.833	1.090	1.294	1.444	1.552	1.629	1.690
1651	16.50	1.743	1.788	1.811	1.784	1.671	1.441	1.085	0.630	0.131	-0.332
1661	16.60	-0.688	-0.890	-0.931	-0.838	-0.656	-0.426	-0.173	0.095	0.373	0.642
1671	16.70	0.864	0.992	0.993	0.874	0.689	0.522	0.453	0.512	0.657	0.781
1681	16.80	0.758	0.500	0.012	-0.604	-1.174	-1.529	-1.573	-1.323	-0.925	-0.569
1691	16.90	-0.359	-0.421	-0.693	-1.048	-1.343	-1.488	-1.476	-1.376	-1.281	-1.249
1701	17.00	-1.265	-1.255	-1.126	-0.831	-0.401	0.053	0.396	0.535	0.468	0.292
1711	17.10	0.161	0.207	0.475	0.896	1.323	1.595	1.625	1.437	1.165	0.982
1721	17.20	1.024	1.319	1.776	2.222	2.492	2.452	2.135	1.633	1.093	0.642
1731	17.30	0.340	0.174	0.086	0.016	-0.066	-0.148	-0.198	-0.192	-0.140	-0.083
1741	17.40	-0.070	-0.131	-0.258	-0.405	-0.517	-0.558	-0.538	-0.502	-0.510	-0.596
1751	17.50	-0.750	-0.915	-1.018	-1.003	-0.869	-0.673	-0.505	-0.452	-0.555	-0.797
1761	17.60	-1.131	-1.414	-1.661	-1.771	-1.819	-1.825	-1.820	-1.816	-1.798	-1.749
1771	17.70	-1.661	-1.549	-1.441	-1.364	-1.319	-1.278	-1.190	-1.008	-0.716	-0.334
1781	17.80	0.067	0.414	0.648	0.755	0.763	0.733	0.726	0.779	0.899	1.065
1791	17.90	1.249	1.431	1.610	1.793	1.985	2.173	2.327	2.406	2.383	2.257
1801	18.00	2.057	1.836	1.652	1.533	1.481	1.467	1.444	1.371	1.221	0.986
1811	18.10	0.676	0.300	-0.132	-0.611	-1.120	-1.623	-2.072	-2.406	-2.580	-2.576
1821	18.20	-2.421	-2.176	-1.925	-1.745	-1.684	-1.750	-1.911	-2.113	-2.294	-2.406
1831	18.30	-2.420	-2.332	-2.154	-1.908	-1.617	-1.304	-0.983	-0.666	-0.356	-0.052
1841	18.40	0.266	0.535	0.806	1.047	1.243	1.396	1.479	1.533	1.565	1.585
1851	18.50	1.596	1.584	1.545	1.474	1.387	1.313	1.283	1.315	1.396	1.484
1861	18.60	1.530	1.500	1.401	1.287	1.240	1.329	1.568	1.897	2.191	2.304
1871	18.70	2.115	1.671	1.008	0.311	-0.244	-0.545	-0.589	-0.475	-0.356	-0.368
1881	18.80	-0.569	-0.914	-1.284	-1.544	-1.611	-1.493	-1.280	-1.104	-1.073	-1.223
1891	18.90	-1.506	-1.813	-2.027	-2.069	-1.927	-1.650	-1.318	-1.008	-0.766	-0.600
1901	19.00	-0.500	-0.447	-0.436	-0.465	-0.537	-0.638	-0.744	-0.818	-0.828	-0.761
1911	19.10	-0.618	-0.619	-0.183	0.073	0.336	0.590	0.813	0.978	1.066	1.076
1921	19.20	1.038	1.008	1.036	1.148	1.318	1.473	1.522	1.398	1.096	0.682
1931	19.30	0.284	0.026	-0.014	0.156	0.447	0.727	0.878	0.843	0.642	0.356
1941	19.40	0.080	-0.114	-0.209	-0.234	-0.242	-0.275	-0.366	-0.461	-0.535	-0.613
1951	19.50	-0.676	-0.736	-0.794	-0.829	-0.802	-0.674	-0.436	-0.132	0.150	0.311
1961	19.60	0.286	0.083	-0.206	-0.435	-0.461	-0.200	0.329	1.013	1.686	2.190
1971	19.70	2.430	2.403	2.183	1.881	1.603	1.405	1.290	1.222	1.148	1.029
1981	19.80	0.851	0.628	0.384	0.149	-0.061	-0.236	-0.378	-0.494	-0.597	-0.700
1991	19.90	-0.817	-0.953	-1.107	-1.261	-1.396	-1.493	-1.547	-1.572	-1.599	-1.652

Table 7--2—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1095 112-GR-1-42 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.743	-1.851	-1.926	-1.909	-1.756	-1.451	-1.036	-0.576	-0.158	0.155
2011	20.10	0.333	0.395	0.388	0.371	0.389	0.462	0.582	0.721	0.846	0.932
2021	20.20	0.964	0.938	0.859	0.737	0.587	0.425	0.272	0.144	0.057	0.012
2031	20.30	0.003	0.015	0.031	0.035	0.017	-0.025	-0.091	-0.176	-0.271	-0.363
2041	20.40	-0.457	-0.473	-0.458	-0.384	-0.258	-0.101	0.059	0.198	0.299	0.359
2051	20.50	0.388	0.401	0.410	0.419	0.423	0.413	0.383	0.329	0.257	0.172
2061	20.60	0.082	-0.010	-0.104	-0.199	-0.295	-0.388	-0.478	-0.559	-0.632	-0.694
2071	20.70	-0.741	-0.763	-0.756	-0.719	-0.663	-0.608	-0.582	-0.597	-0.648	-0.698
2081	20.80	-0.695	-0.590	-0.358	-0.021	0.358	0.693	0.909	0.972	0.904	0.769
2091	20.90	0.665	0.587	0.603	0.654	0.682	0.640	0.525	0.382	0.278	0.270
2101	21.00	0.370	0.528	0.658	0.672	0.530	0.259	-0.052	-0.293	-0.382	-0.302
2111	21.10	-0.116	0.067	0.161	0.065	-0.203	-0.523	-0.805	-0.963	-0.965	-0.847
2121	21.20	-0.686	-0.561	-0.527	-0.573	-0.657	-0.718	-0.713	-0.635	-0.513	-0.393
2131	21.30	-0.312	-0.287	-0.303	-0.334	-0.356	-0.368	-0.384	-0.429	-0.516	-0.632
2141	21.40	-0.736	-0.771	-0.691	-0.476	-0.149	0.229	0.581	0.841	0.970	0.970
2151	21.50	0.878	0.746	0.627	0.553	0.532	0.552	0.592	0.628	0.649	0.648
2161	21.60	0.629	0.594	0.547	0.488	0.419	0.348	0.284	0.239	0.221	0.229
2171	21.70	0.255	0.283	0.297	0.285	0.247	0.191	0.129	0.071	0.021	-0.024
2181	21.80	-0.073	-0.129	-0.191	-0.250	-0.295	-0.320	-0.328	-0.331	-0.345	-0.379
2191	21.90	-0.627	-0.466	-0.470	-0.405	-0.260	-0.050	0.187	0.396	0.531	0.565
2201	22.00	0.502	0.377	0.243	0.153	0.145	0.226	0.375	0.547	0.686	0.748
2211	22.10	0.707	0.572	0.382	0.199	0.083	0.076	0.178	0.348	0.510	0.582
2221	22.20	0.509	0.282	-0.046	-0.388	-0.647	-0.765	-0.743	-0.641	-0.553	-0.560
2231	22.30	-0.690	-0.901	-1.096	-1.167	-1.044	-0.733	-0.322	0.052	0.254	0.209
2241	22.40	-0.970	-0.688	-0.908	-1.199	-1.284	-1.160	-0.887	-0.549	-0.225	0.051
2251	22.50	0.272	0.462	0.647	0.829	0.991	1.100	1.127	1.060	0.916	0.730
2261	22.60	0.547	0.408	0.337	0.342	0.414	0.532	0.668	0.790	0.867	0.879
2271	22.70	0.822	0.712	0.582	0.472	0.415	0.423	0.477	0.537	0.551	0.478
2281	22.80	0.300	0.036	-0.274	-0.574	-0.812	-0.953	-0.984	-0.911	-0.758	-0.554
2291	22.90	-0.335	-0.139	0.003	0.065	0.039	-0.064	-0.213	-0.367	-0.488	-0.551
2301	23.00	-0.559	-0.534	-0.510	-0.517	-0.568	-0.655	-0.750	-0.826	-0.860	-0.847
2311	23.10	-0.799	-0.737	-0.681	-0.661	-0.613	-0.586	-0.549	-0.494	-0.423	-0.343
2321	23.20	-0.265	-0.195	-0.136	-0.082	-0.024	0.043	0.124	0.220	0.325	0.431
2331	23.30	0.527	0.597	0.632	0.622	0.569	0.483	0.383	0.292	0.229	0.201
2341	23.40	0.206	0.229	0.256	0.268	0.271	0.273	0.284	0.322	0.388	0.471
2351	23.50	0.569	0.600	0.606	0.564	0.485	0.388	0.298	0.230	0.188	0.164
2361	23.60	0.145	0.114	0.065	-0.003	-0.076	-0.141	-0.181	-0.189	-0.169	-0.130
2371	23.70	-0.091	-0.065	-0.059	-0.071	-0.089	-0.100	-0.098	-0.085	-0.077	-0.093
2381	23.80	-0.148	-0.246	-0.370	-0.489	-0.568	-0.581	-0.523	-0.413	-0.284	-0.172
2391	23.90	-0.100	-0.067	-0.053	-0.030	0.025	0.115	0.222	0.314	0.366	0.367
2401	24.00	0.331	0.289	0.271	0.291	0.337	0.374	0.357	0.257	0.076	-0.143
2411	24.10	-0.333	-0.417	-0.340	-0.091	0.290	0.721	1.096	1.322	1.336	1.132
2421	24.20	0.755	0.291	-0.158	-0.504	-0.701	-0.754	-0.713	-0.654	-0.644	-0.717
2431	24.30	-0.855	-0.997	-1.063	-0.989	-0.759	-0.415	-0.068	0.240	0.368	0.312
2441	24.40	0.113	-0.142	-0.354	-0.446	-0.392	-0.222	0.002	0.208	0.344	0.394
2451	24.50	0.374	0.326	0.290	0.300	0.368	0.484	0.623	0.745	0.808	0.777
2461	24.60	0.636	0.399	0.117	-0.134	-0.270	-0.234	-0.021	0.316	0.668	0.915
2471	24.70	0.962	0.778	0.603	-0.062	-0.503	-0.829	-1.005	-1.054	-1.036	-1.011
2481	24.80	-1.013	-1.035	-1.041	-0.991	-0.865	-0.674	-0.454	-0.246	-0.078	0.048
2491	24.90	0.153	0.262	0.391	0.538	0.683	0.803	0.883	0.921	0.922	0.889

Table 7—2—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1095 112-GR-1-42 U-D (U-D) KINOKAWA BRIDGE MAX. ACC. = -8.246 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.811	0.668	0.462	0.135	-0.221	-0.563	-0.822	-0.945	-0.922	-0.788
2511	25.10	-0.614	-0.473	-0.407	-0.414	-0.449	-0.455	-0.391	-0.262	-0.115	-0.023
2521	25.20	-0.044	-0.197	-0.447	-0.717	-0.920	-0.996	-0.935	-0.773	-0.579	-0.617
2531	25.30	-0.324	-0.301	-0.319	-0.362	-0.344	-0.320	-0.276	-0.221	-0.147	-0.032
2541	25.40	0.148	0.402	0.711	1.024	1.276	1.411	1.411	1.303	1.147	1.010
2551	25.50	0.941	0.945	0.989	1.022	1.001	0.915	0.784	0.648	0.564	0.477
2561	25.60	0.426	0.353	0.229	0.054	-0.141	-0.307	-0.403	-0.428	-0.416	-0.428
2571	25.70	-0.511	-0.675	-0.876	-1.031	-1.060	-0.926	-0.655	-0.338	-0.084	0.020
2581	25.80	-0.043	-0.218	-0.392	-0.453	-0.336	-0.053	0.312	0.637	0.815	0.794
2591	25.90	0.595	0.294	-0.008	-0.228	-0.329	-0.320	-0.244	-0.151	-0.075	-0.024
2601	26.00	0.016	0.066	0.139	0.231	0.323	0.385	0.392	0.334	0.222	0.085
2611	26.10	-0.038	-0.113	-0.118	-0.055	0.053	0.170	0.258	0.295	0.281	0.237
2621	26.20	0.195	0.184	0.212	0.271	0.334	0.382	0.408	0.428	0.468	0.551
2631	26.30	0.674	0.804	0.886	0.867	0.724	0.478	0.195	-0.042	-0.164	-0.145
2641	26.40	-0.092	0.147	0.316	0.373	0.332	0.222	0.098	0.010	-0.018	0.002
2651	26.50	0.035	0.042	-0.003	-0.100	-0.232	-0.367	-0.480	-0.558	-0.598	-0.603
2661	26.60	-0.526	-0.521	-0.440	-0.344	-0.250	-0.179	-0.151	-0.175	-0.247	-0.350
2671	26.70	-0.462	-0.566	-0.669	-0.710	-0.748	-0.761	-0.746	-0.699	-0.620	-0.519
2681	26.80	-0.416	-0.332	-0.281	-0.266	-0.276	-0.292	-0.295	-0.274	-0.231	-0.178
2691	26.90	-0.126	-0.083	-0.049	-0.014	0.031	0.090	0.155	0.203	0.217	0.179
2701	27.00	0.085	-0.052	-0.202	-0.326	-0.390	-0.372	-0.274	-0.119	0.053	0.195
2711	27.10	0.274	0.280	0.227	0.149	0.086	0.066	0.088	0.140	0.187	0.200
2721	27.20	0.166	0.090	-0.009	-0.115	-0.218	-0.328	-0.453	-0.596	-0.736	-0.833
2731	27.30	-0.843	-0.738	-0.531	-0.275	-0.065	0.093	0.116	0.056	-0.018	-0.014
2741	27.40	0.115	0.357	0.639	0.852	0.901	0.749	0.435	0.057	-0.271	-0.464
2751	27.50	-0.503	-0.435	-0.348	-0.325	-0.401	-0.560	-0.705	-0.846	-0.838	-0.703
2761	27.60	-0.480	-0.236	-0.033	0.095	0.153	0.175	0.210	0.246	0.314	0.507
2771	27.70	0.636	0.729	0.770	0.755	0.692	0.597	0.485	0.368	0.261	0.175
2781	27.80	0.123	0.115	0.155	0.238	0.348	0.467	0.571	0.647	0.691	0.708
2791	27.90	0.709	0.706	0.703	0.696	0.676	0.630	0.555	0.458	0.358	0.281
2801	28.00	0.246	0.262	0.315	0.379	0.419	0.408	0.336	0.216	0.071	-0.062
2811	28.10	-0.162	-0.222	-0.252	-0.272	-0.294	-0.326	-0.352	-0.363	-0.347	-0.308
2821	28.20	-0.263	-0.237	-0.250	-0.305	-0.386	-0.463	-0.503	-0.487	-0.414	-0.303
2831	28.30	-0.182	-0.077	-0.002	0.041	0.057	0.052	0.029	-0.014	-0.081	-0.165
2841	28.40	-0.256	-0.335	-0.390	-0.418	-0.429	-0.442	-0.471	-0.509	-0.530	-0.491
2851	28.50	-0.351	-0.098	0.250	0.620	0.930	1.103	1.101	0.965	0.703	0.468
2861	28.60	0.320	0.293	0.366	0.462	0.508	0.450	0.292	0.095	-0.049	-0.056
2871	28.70	0.104	0.392	0.710	0.931	0.960	0.765	0.397	-0.028	-0.375	-0.543
2881	28.80	-0.495	-0.278	0.004	0.232	0.315	0.223	-0.008	-0.293	-0.537	-0.662
2891	28.90	-0.638	-0.482	-0.250	-0.013	0.168	0.259	0.259	0.194	0.109	0.044
2901	29.00	0.026	0.050	0.093	0.113	0.068	-0.060	-0.259	-0.486	-0.679	-0.780
2911	29.10	-0.759	-0.626	-0.428	-0.229	-0.089	-0.036	-0.064	-0.134	-0.198	-0.218
2921	29.20	-0.183	-0.106	-0.017	0.056	0.097	0.105	0.091	0.066	0.035	-0.003
2931	29.30	-0.050	-0.106	-0.161	-0.206	-0.236	-0.256	-0.282	-0.327	-0.397	-0.482
2941	29.40	-0.557	-0.599	-0.600	-0.576	-0.558	-0.580	-0.653	-0.757	-0.841	-0.850
2951	29.50	-0.753	-0.564	-0.340	-0.162	-0.094	-0.153	-0.292	-0.425	-0.462	-0.352
2961	29.60	-0.108	0.191	0.444							

Table 7—3—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.083	-1.531	-0.871	-0.404	-0.278	-0.422	-0.599	-0.536	-0.095	0.663
11	0.10	1.465	1.970	1.923	1.286	0.258	-0.804	-1.552	-1.787	-1.537	-1.020
21	0.20	-0.533	-0.395	-0.610	-0.752	-1.135	-1.371	-1.369	-1.166	-0.881	-0.662
31	0.30	-0.598	-0.696	-0.896	-1.118	-1.306	-1.448	-1.561	-1.661	-1.731	-1.728
41	0.40	-1.605	-1.350	-1.008	-0.674	-0.449	-0.392	-0.480	-0.620	-0.685	-0.588
51	0.50	-0.328	-0.003	0.234	0.247	-0.010	-0.459	-0.922	-1.192	-1.135	-0.745
61	0.60	-0.163	0.387	0.687	0.630	0.258	-0.246	-0.644	-0.744	-0.682	0.053
71	0.70	0.658	1.107	1.244	1.037	0.575	0.023	-0.463	-0.793	-0.964	-1.036
81	0.80	-1.026	-1.161	-1.262	-1.356	-1.412	-1.423	-1.418	-1.432	-1.480	-1.538
91	0.90	-1.559	-1.460	-1.254	-0.975	-0.709	-0.536	-0.483	-0.495	-0.465	-0.288
101	1.00	0.064	0.517	0.917	1.107	1.020	0.731	0.440	0.376	0.679	1.312
111	1.10	2.056	2.600	2.685	2.236	1.404	0.500	-0.154	-0.380	-0.230	0.042
121	1.20	0.121	-0.197	-0.889	-1.699	-2.254	-2.246	-1.588	-0.468	0.729	1.588
131	1.30	1.839	1.663	0.675	-0.190	-0.836	-1.123	-1.093	-0.910	-0.751	-0.716
141	1.40	-0.783	-0.872	-0.889	-0.799	-0.628	-0.630	-0.224	0.030	0.416	0.993
151	1.50	1.729	2.475	3.006	3.118	2.736	1.971	1.085	0.383	0.081	0.201
161	1.60	0.566	0.892	0.928	0.581	-0.034	-0.653	-0.994	-0.891	-0.378	0.333
171	1.70	0.948	1.225	1.078	0.599	-0.005	-0.513	-0.790	-0.834	-0.746	-0.666
181	1.80	-0.697	-0.858	-1.095	-1.317	-1.448	-1.451	-1.323	-1.075	-0.706	-0.204
191	1.90	0.429	1.145	1.841	2.374	2.621	2.530	2.159	1.659	1.214	0.964
201	2.00	0.938	1.069	1.135	1.044	0.714	0.201	-0.339	-0.722	-0.824	-0.629
211	2.10	-0.233	0.200	0.516	0.623	0.520	0.269	-0.047	-0.365	-0.666	-0.956
221	2.20	-1.241	-1.504	-1.699	-1.775	-1.708	-1.517	-1.262	-1.014	-0.817	-0.666
231	2.30	-0.512	-0.294	0.016	0.386	0.732	0.951	0.978	0.816	0.547	0.296
241	2.40	0.167	0.213	0.403	0.666	0.863	0.934	0.924	0.871	0.847	0.898
251	2.50	1.014	1.141	1.207	1.168	1.022	0.810	0.583	0.368	0.150	-0.121
261	2.60	-0.496	-0.983	-1.529	-2.023	-2.337	-2.370	-2.097	-1.574	-0.922	-0.283
271	2.70	0.226	0.532	0.631	0.553	0.355	0.097	-0.158	-0.356	-0.446	-0.397
281	2.80	-0.207	0.080	0.382	0.604	0.667	0.550	0.301	0.023	-0.165	-0.177
291	2.90	0.004	0.368	0.651	0.890	0.966	0.882	0.706	0.534	0.445	0.456
301	3.00	0.519	0.542	0.432	0.143	-0.299	-0.799	-1.228	-1.671	-1.474	-1.259
311	3.10	-0.919	-0.573	-0.328	-0.234	-0.274	-0.376	-0.452	-0.435	-0.307	-0.103
321	3.20	0.111	0.267	0.331	0.310	0.268	0.198	0.188	0.212	0.222	0.160
331	3.30	-0.024	-0.338	-0.747	-1.182	-1.566	-1.831	-1.934	-1.850	-1.570	-1.093
341	3.40	-0.432	0.370	1.230	2.020	2.599	2.846	2.708	2.227	1.537	0.820
351	3.50	0.253	-0.049	-0.067	0.130	0.424	0.690	0.643	0.850	0.723	0.501
361	3.60	0.228	-0.056	-0.317	-0.525	-0.655	-0.705	-0.702	-0.705	-0.785	-0.988
371	3.70	-1.259	-1.624	-1.813	-1.716	-1.252	-0.465	0.474	1.320	1.836	1.898
381	3.80	1.538	0.939	0.361	0.039	0.092	0.486	1.052	1.569	1.850	1.807
391	3.90	1.478	0.989	0.499	0.137	-0.037	-0.038	0.063	0.179	0.233	0.181
401	4.00	0.016	-0.238	-0.534	-0.820	-1.051	-1.202	-1.278	-1.306	-1.321	-1.365
411	4.10	-1.364	-1.322	-1.140	-0.750	-0.161	0.620	1.390	1.994	2.280	2.177
421	4.20	1.727	1.062	0.362	-0.213	-0.573	-0.717	-0.714	-0.652	-0.597	-0.561
431	4.30	-0.504	-0.367	-0.110	0.258	0.668	1.016	1.196	1.142	0.857	0.414
441	4.40	-0.070	-0.480	-0.744	-0.870	-0.960	-1.084	-1.414	-1.963	-2.648	-3.276
451	4.50	-3.598	-3.402	-2.607	-1.311	0.223	1.643	2.830	3.000	2.761	2.082
461	4.60	1.215	0.382	-0.302	-0.843	-1.317	-1.791	-2.249	-2.580	-2.630	-2.243
471	4.70	-1.426	-0.290	0.943	2.026	2.774	3.107	3.051	2.689	2.104	1.346
481	4.80	0.451	-0.527	-1.473	-2.221	-2.597	-2.494	-1.962	-1.109	-0.249	0.401
491	4.90	0.716	0.733	0.620	0.581	0.751	1.126	1.562	1.846	1.804	1.380

Table 7—3—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.659	-0.169	-0.900	-1.390	-1.603	-1.589	-1.444	-1.249	-1.048	-0.866
511	5.10	-0.838	-0.436	-0.267	-0.160	-0.118	-0.111	-0.091	-0.032	0.043	0.058
521	5.20	-0.081	-0.430	-0.948	-1.496	-1.873	-1.907	-1.534	-0.837	-0.020	0.675
531	5.30	1.074	1.141	0.979	0.767	0.667	0.740	0.922	1.077	1.073	0.874
541	5.40	0.561	0.302	0.257	0.493	0.929	1.362	1.565	1.303	0.609	-0.396
551	5.50	-1.455	-2.300	-2.747	-2.758	-2.435	-1.958	-1.502	-1.167	-0.956	-0.801
561	5.60	-0.616	-0.359	-0.055	0.213	0.347	0.294	0.076	-0.209	-0.425	-0.453
571	5.70	-0.241	0.176	0.694	1.190	1.572	1.813	1.952	2.060	2.194	2.359
581	5.80	2.501	2.531	2.375	2.011	1.487	0.903	0.364	-0.067	-0.394	-0.679
591	5.90	-1.003	-1.416	-1.910	-2.414	-2.827	-3.062	-3.079	-2.898	-2.573	-2.169
601	6.00	-1.732	-1.284	-0.836	-0.399	0.010	0.382	0.736	1.134	1.660	2.383
611	6.10	3.302	4.330	5.316	6.123	6.712	7.197	7.804	8.759	10.113	11.625
621	6.20	12.742	13.761	14.693	15.263	15.792	16.510	16.485	16.976	17.205	16.987
631	6.30	14.734	11.256	7.452	4.037	1.391	0.412	1.468	1.875	1.661	0.698
641	6.40	0.997	-3.386	-6.163	-9.038	11.652	13.778	15.333	16.294	16.571	15.910
651	6.50	13.916	10.214	4.696	2.278	9.827	16.725	21.746	24.067	23.569	20.779
661	6.60	16.868	12.951	9.979	8.267	7.573	7.292	6.775	5.616	3.779	1.545
671	6.70	-0.677	-2.586	-4.021	-5.171	-6.263	-7.519	-9.020	-10.679	-12.302	-13.690
681	6.80	-14.720	-15.371	-15.685	-15.882	-15.288	-14.303	-12.434	-9.396	-5.018	0.611
691	6.90	7.097	13.740	19.639	23.890	25.826	25.244	22.520	18.568	14.606	11.796
701	7.00	10.868	11.869	14.139	16.542	17.882	17.335	14.742	10.647	6.066	2.079
711	7.10	-0.547	-1.630	-1.576	-1.178	-1.304	-2.597	-5.302	-9.261	-13.906	-18.622
721	7.20	-22.703	-25.579	-26.900	-26.608	-24.987	-22.533	-20.010	-18.031	-16.900	-16.430
731	7.30	-15.956	-14.571	-11.518	-6.584	-0.308	6.119	11.253	13.959	13.890	11.679
741	7.40	8.741	6.753	7.030	10.061	15.377	21.796	27.909	32.578	35.239	35.903
751	7.50	34.905	32.583	28.936	23.804	16.863	8.030	-2.317	-13.280	-23.603	-32.000
761	7.60	-37.698	-39.679	-38.749	-35.418	-30.672	-25.520	-20.785	-16.984	-14.295	-12.600
771	7.70	-11.581	-10.844	-10.063	-9.073	-7.919	-6.805	-5.965	-5.499	-5.256	-4.813
781	7.80	-3.596	-1.101	2.873	8.081	13.863	19.231	23.347	25.599	25.846	24.390
791	7.90	21.803	18.694	15.502	12.407	9.352	6.168	2.713	-1.033	-4.952	-8.823
801	8.00	-12.398	-15.449	-17.793	-19.279	-19.780	-19.207	-17.569	-14.930	-11.661	-8.131
811	8.10	-4.933	-2.544	-1.294	-1.250	-2.183	-3.609	-4.911	-5.487	-5.898	-5.971
821	8.20	0.175	4.181	8.547	12.766	16.412	19.218	21.047	21.868	21.712	20.656
831	8.30	18.849	16.545	14.113	11.990	10.580	10.002	10.178	10.615	10.631	9.568
841	8.40	7.053	3.175	-1.504	-6.128	-9.839	-12.078	-12.767	-12.286	-11.285	-10.406
851	8.50	-10.038	-10.225	-10.724	-11.189	-11.359	-11.162	-10.695	-10.110	-9.473	-8.708
861	8.60	-7.629	-6.066	-3.991	-1.577	0.856	2.975	4.579	5.676	6.442	7.098
871	8.70	7.768	8.405	8.824	8.858	8.484	7.910	7.508	7.661	8.460	9.763
881	8.80	11.024	11.564	10.811	8.525	4.895	0.468	-4.039	-7.967	-10.881	-12.614
891	8.90	-13.233	-12.941	-12.004	-10.716	-9.384	-8.301	-7.670	-7.512	-7.599	-7.492
901	9.00	-6.683	-4.834	-1.967	1.475	4.763	7.181	8.344	8.382	7.878	7.574
911	9.10	7.969	9.034	10.173	10.503	9.303	6.838	2.507	-1.348	-5.932	-9.534
921	9.20	-13.272	-16.061	0.776	1.084	-0.639	-4.067	-8.247	-12.054	-14.681	-15.913
931	9.30	-16.085	-15.783	-15.459	-15.188	-14.660	-13.419	-11.166	-7.966	-4.243	-0.573
941	9.40	2.599	5.148	7.270	9.288	11.405	13.528	15.287	16.224	16.045	14.793
951	9.50	12.843	10.722	8.868	7.455	6.379	5.409	4.382	3.328	2.441	1.918
961	9.60	1.768	1.731	1.373	0.324	-1.471	-3.647	-5.542	-6.502	-6.230	-4.981
971	9.70	-3.485	-2.620	-2.988	-4.605	-6.868	-8.828	-9.628	-8.896	-6.901	-4.390
981	9.80	-2.213	-0.911	-0.487	-0.462	-0.162	0.911	2.823	5.190	7.385	8.852
991	9.90	9.361	9.069	8.398	7.780	7.454	7.375	7.302	6.968	6.241	5.179

Table 7—3—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	3.969	2.799	1.742	0.742	-0.316	-1.492	-2.722	-3.830	-4.633	-5.055
1011	10.10	-5.186	-5.242	-5.439	-5.859	-6.391	-6.800	-6.867	-6.553	-6.053	-5.714
1021	10.20	-5.835	-6.660	-7.270	-7.669	-7.023	-4.960	-1.583	2.516	6.449	9.372
1031	10.30	10.789	10.717	9.620	8.170	6.942	6.193	5.807	5.429	4.683	3.385
1041	10.40	1.636	-0.231	-1.806	-2.780	-3.063	-2.787	-2.226	-1.680	-1.370	-1.401
1051	10.50	-1.777	-2.437	-3.290	-4.226	-5.107	-5.769	-6.045	-5.814	-5.046	-3.826
1061	10.60	-2.325	-0.761	0.766	2.114	3.289	4.294	5.096	5.594	5.654	5.180
1071	10.70	4.187	2.836	1.407	0.200	-0.570	-0.846	-0.733	-0.425	-0.104	0.135
1081	10.80	0.302	0.456	0.619	0.718	0.591	0.067	-0.922	-2.267	-3.689	-4.860
1091	10.90	-5.456	-5.484	-5.116	-4.696	-4.559	-4.851	-5.648	-6.005	-6.121	-5.538
1101	11.00	-4.279	-2.651	-1.110	-0.050	0.387	0.379	0.344	0.751	1.896	3.766
1111	11.10	6.031	8.176	9.692	10.259	9.831	8.609	6.922	5.093	3.539	1.746
1121	11.20	0.305	-1.011	-2.200	-3.202	-3.925	-4.288	-4.256	-3.863	-3.206	-2.425
1131	11.30	-1.677	-1.110	-0.829	-0.877	-1.210	-1.704	-2.187	-2.493	-2.527	-2.259
1141	11.40	-1.915	-1.514	-1.183	-0.691	-0.682	0.252	1.450	3.073	4.862	6.402
1151	11.50	7.268	7.208	6.251	4.715	3.075	1.729	1.071	0.916	1.056	1.167
1161	11.60	1.024	0.603	0.062	-0.376	-0.584	-0.624	-0.738	-1.220	-2.249	-3.757
1171	11.70	-5.415	-6.751	-7.338	-6.983	-5.806	-4.177	-2.570	-1.342	-0.611	-0.230
1181	11.80	0.096	0.669	1.534	2.622	3.694	4.161	4.004	3.205	1.985	0.751
1191	11.90	-0.181	-0.514	-0.252	0.419	1.196	1.775	1.960	1.714	1.152	0.480
1201	12.00	-0.082	-0.382	-0.379	-0.153	0.127	0.261	0.080	-0.493	-1.408	-2.692
1211	12.10	-3.484	-4.102	-4.123	-3.448	-2.140	-0.611	1.436	3.088	4.312	5.014
1221	12.20	5.250	5.178	4.980	4.770	4.543	4.176	3.488	2.343	0.745	-1.115
1231	12.30	-2.888	-4.172	-4.658	-4.254	-3.137	-1.703	-0.437	0.264	0.226	-0.450
1241	12.40	-1.443	-2.363	-2.902	-2.959	-2.651	-2.236	-1.993	-2.063	-2.420	-2.880
1251	12.50	-3.205	-3.214	-2.862	-2.264	-1.532	-0.886	-0.375	0.030	0.415	0.865
1261	12.60	1.310	1.712	1.927	1.884	1.636	1.366	1.322	1.707	2.568	3.754
1271	12.70	4.947	5.790	6.025	5.609	4.692	3.629	2.753	2.281	2.221	2.384
1281	12.80	2.485	2.269	1.628	0.636	-0.477	-1.452	-2.085	-2.312	-2.209	-1.938
1291	12.90	-1.660	-1.468	-1.359	-1.262	-1.098	-0.857	-0.527	-0.272	-0.181	-0.312
1301	13.00	-0.633	-1.026	-1.327	-1.391	-1.339	-0.586	0.170	0.987	1.718	2.249
1311	13.10	2.513	2.484	2.169	1.602	0.836	-0.055	-0.975	-1.824	-2.513	-2.987
1321	13.20	-3.235	-3.295	-3.228	-3.104	-2.979	-2.891	-2.864	-2.908	-3.028	-3.207
1331	13.30	-3.395	-3.501	-3.405	-2.994	-2.214	-1.114	0.145	1.320	2.163	2.502
1341	13.40	2.311	1.722	0.977	0.341	-0.000	0.003	0.259	0.596	0.847	0.937
1351	13.50	0.907	0.891	1.044	1.452	2.085	2.795	3.368	3.611	3.424	2.832
1361	13.60	1.967	1.009	0.117	-0.621	-1.197	-1.663	-2.080	-2.478	-2.843	-3.128
1371	13.70	-3.282	-3.280	-3.137	-2.899	-2.618	-2.324	-2.011	-1.650	-1.212	-0.695
1381	13.80	-0.149	0.337	0.660	0.743	0.576	0.259	-0.158	-0.418	-0.411	-0.070
1391	13.90	0.566	1.364	2.132	2.684	2.890	2.723	2.252	1.621	0.992	0.492
1401	14.00	0.176	0.027	-0.021	-0.040	-0.063	-0.070	0.002	0.223	0.626	1.178
1411	14.10	1.783	2.306	2.633	2.706	2.554	2.273	1.993	1.819	1.795	1.887
1421	14.20	2.006	2.050	1.945	1.680	1.307	0.919	0.610	0.466	0.459	0.552
1431	14.30	0.716	0.852	0.894	0.801	0.562	0.189	-0.283	-0.803	-1.310	-1.743
1441	14.40	-2.045	-2.180	-2.140	-1.964	-1.637	-1.273	-0.907	-0.584	-0.330	-0.158
1451	14.50	-0.064	-0.057	-0.058	-0.109	-0.183	-0.289	-0.461	-0.745	-1.187	-1.798
1461	14.60	-2.534	-3.278	-3.864	-4.120	-3.925	-3.266	-2.258	-1.116	-0.095	0.597
1471	14.70	0.862	0.742	0.589	0.404	-0.277	-0.560	-0.284	-0.148	-0.054	-0.057
1481	14.80	-0.166	-0.246	-0.288	-0.231	-0.095	0.069	0.124	0.080	-0.073	-0.276
1491	14.90	-0.456	-0.552	-0.557	-0.500	-0.424	-0.361	-0.308	-0.246	-0.159	-0.066

Table 7—3—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-0.024	-0.102	-0.333	-0.673	-0.992	-1.156	-0.893	-0.282	0.615	1.567
1511	15.10	2.294	2.582	2.366	1.744	1.029	0.450	0.234	0.436	0.944	1.556
1521	15.20	2.063	2.336	2.363	2.230	2.051	1.905	1.799	1.677	1.460	1.102
1531	15.30	0.619	0.075	-0.446	-0.888	-1.239	-1.529	-1.789	-2.010	-2.164	-2.145
1541	15.40	-1.891	-1.397	-0.739	-0.062	0.472	0.751	0.754	0.562	0.316	0.166
1551	15.50	0.205	0.441	0.807	1.199	1.518	1.706	1.760	1.711	1.605	1.478
1561	15.60	1.350	1.227	1.107	0.994	0.890	0.798	0.714	0.630	0.540	0.451
1571	15.70	0.375	0.329	0.319	0.329	0.326	0.269	0.138	-0.058	-0.274	-0.453
1581	15.80	-0.569	-0.559	-0.526	-0.520	-0.606	-0.804	-1.073	-1.323	-1.455	-1.410
1591	15.90	-1.204	-0.929	-0.720	-0.705	-0.946	-1.414	-2.002	-2.564	-2.977	-3.183
1601	16.00	-3.204	-3.124	-3.040	-3.014	-3.042	-3.052	-2.963	-2.630	-2.096	-1.406
1611	16.10	-0.698	-0.128	0.183	0.205	0.012	-0.265	-0.393	-0.317	-0.003	0.442
1621	16.20	0.839	1.006	0.835	0.559	-0.269	-0.823	-1.092	-0.988	-0.483	0.208
1631	16.30	0.897	1.408	1.666	1.713	1.470	1.169	1.781	1.984	2.182	2.255
1641	16.40	2.125	1.803	1.383	1.006	0.802	0.837	1.093	1.488	1.907	2.249
1651	16.50	2.451	2.497	2.407	2.222	1.990	1.757	1.557	1.401	1.269	1.104
1661	16.60	0.831	0.386	-0.248	-1.009	-1.760	-2.335	-2.593	-2.488	-2.090	-1.561
1671	16.70	-1.089	-0.805	-0.725	-0.750	-0.718	-0.488	-0.017	0.621	1.265	1.741
1681	16.80	1.945	1.980	1.643	1.366	1.149	1.019	0.938	0.843	0.700	0.533
1691	16.90	0.410	0.394	0.496	0.656	0.763	0.719	0.495	0.156	-0.169	-0.351
1701	17.00	-0.334	-0.169	0.014	0.068	-0.035	-0.412	-0.783	-1.040	-1.083	-0.915
1711	17.10	-0.665	-0.418	-0.339	-0.109	-0.533	-0.580	-0.464	-0.201	0.091	0.262
1721	17.20	0.217	0.011	-0.258	-0.349	-0.108	0.453	1.158	1.730	1.902	1.542
1731	17.30	0.713	-0.380	-1.385	-2.124	-2.680	-2.505	-2.347	-2.159	-2.030	-1.966
1741	17.40	-1.927	-1.885	-1.861	-1.924	-2.137	-2.500	-2.911	-3.197	-3.177	-2.757
1751	17.50	-1.985	-1.039	-0.161	0.451	0.718	0.711	0.598	0.556	0.686	0.969
1761	17.60	1.291	1.507	1.523	1.336	1.025	0.701	0.446	0.276	0.150	0.007
1771	17.70	-0.183	-0.391	-0.547	-0.581	-0.467	-0.242	0.010	0.206	0.313	0.365
1781	17.80	0.434	0.583	0.809	1.027	1.103	0.915	0.428	-0.274	-1.008	-1.571
1791	17.90	-1.816	-1.716	-1.363	-0.914	-0.511	-0.213	0.018	0.275	0.635	1.099
1801	18.00	1.565	1.873	1.879	1.530	0.901	0.186	-0.469	-0.852	-0.939	-0.797
1811	18.10	-0.556	-0.333	-0.182	-0.078	0.050	0.257	0.541	0.832	1.021	1.025
1821	18.20	0.832	0.512	0.189	-0.024	-0.078	-0.013	0.072	0.069	-0.063	-0.276
1831	18.30	-0.442	-0.418	-0.115	0.449	1.148	1.800	2.244	2.408	2.332	2.146
1841	18.40	1.994	1.966	2.054	2.160	2.152	1.931	1.692	0.932	0.405	0.060
1851	18.50	-0.034	0.091	0.311	0.472	0.462	0.252	-0.096	-0.463	-0.732	-0.860
1861	18.60	-0.795	-0.669	-0.548	-0.498	-0.535	-0.632	-0.745	-0.838	-0.905	-0.961
1871	18.70	-1.024	-1.096	-1.155	-1.166	-1.109	-0.998	-0.881	-0.816	-0.861	-0.933
1881	18.80	-1.016	-0.979	-0.733	-0.259	0.370	1.009	1.496	1.722	1.677	1.453
1891	18.90	1.203	1.068	1.112	1.296	1.496	1.565	1.398	0.987	0.418	-0.168
1901	19.00	-0.636	-0.914	-1.019	-1.031	-1.057	-1.168	-1.376	-1.629	-1.845	-1.948
1911	19.10	-1.906	-1.757	-1.498	-1.254	-1.051	-0.904	-0.799	-0.706	-0.595	-0.450
1921	19.20	-0.263	-0.029	0.254	0.588	0.966	1.383	1.736	2.029	2.190	2.192
1931	19.30	2.043	1.788	1.491	1.214	0.992	0.821	0.666	0.474	0.202	-0.165
1941	19.40	-0.611	-1.090	-1.554	-1.988	-2.322	-2.633	-2.922	-3.200	-3.448	-3.614
1951	19.50	-3.635	-3.453	-3.050	-2.453	-1.732	-0.996	-0.266	0.355	0.881	1.336
1961	19.60	1.748	2.124	2.441	2.658	2.740	2.681	2.517	2.321	2.172	2.121
1971	19.70	2.170	2.266	2.320	2.249	2.006	1.601	1.100	0.593	0.170	-0.114
1981	19.80	-0.247	-0.256	-0.190	-0.099	-0.021	0.027	0.045	0.041	0.031	0.026
1991	19.90	0.027	0.033	0.026	-0.021	-0.140	-0.356	-0.678	-1.091	-1.555	-2.015

Table 7—3—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.412	-2.699	-2.848	-2.859	-2.756	-2.585	-2.404	-2.278	-2.264	-2.389
2011	20.10	-2.640	-2.952	-3.216	-3.313	-3.153	-2.709	-2.039	-1.267	-0.560	0.032
2021	20.20	0.613	0.654	0.855	1.110	1.446	1.808	2.076	2.132	1.925	1.516
2031	20.30	1.061	0.759	0.757	1.092	1.667	2.296	2.775	2.984	2.913	2.662
2041	20.40	2.377	2.177	2.099	2.088	2.038	1.855	1.505	1.037	0.555	0.148
2051	20.50	-0.062	-0.139	-0.127	-0.106	-0.136	-0.232	-0.364	-0.486	-0.562	-0.591
2061	20.60	-0.598	-0.616	-0.668	-0.749	-0.832	-0.883	-0.878	-0.815	-0.719	-0.585
2071	20.70	-0.458	-0.337	-0.224	-0.127	-0.060	-0.043	-0.087	-0.183	-0.301	-0.392
2081	20.80	-0.413	-0.345	-0.205	-0.036	0.111	0.197	0.219	0.199	0.172	0.164
2091	20.90	0.173	0.168	0.112	-0.018	-0.211	-0.415	-0.556	-0.567	-0.412	-0.104
2101	21.00	0.299	0.716	1.070	1.316	1.446	1.490	1.495	1.506	1.550	1.627
2111	21.10	1.712	1.764	1.739	1.605	1.353	1.004	0.608	0.227	-0.075	-0.259
2121	21.20	-0.324	-0.310	-0.282	-0.311	-0.440	-0.669	-0.950	-1.207	-1.365	-1.381
2131	21.30	-1.265	-1.075	-0.894	-0.792	-0.801	-0.900	-1.027	-1.109	-1.097	-0.987
2141	21.40	-0.819	-0.662	-0.576	-0.579	-0.653	-0.732	-0.742	-0.631	-0.394	-0.071
2151	21.50	0.262	0.530	0.683	0.712	0.667	0.538	0.432	0.356	0.311	0.275
2161	21.60	0.218	0.121	-0.022	-0.199	-0.386	-0.556	-0.679	-0.749	-0.763	-0.736
2171	21.70	-0.692	-0.661	-0.662	-0.696	-0.738	-0.740	-0.646	-0.418	-0.056	0.392
2181	21.80	0.839	1.191	1.379	1.389	1.269	1.104	0.978	0.936	0.960	0.983
2191	21.90	0.916	0.701	0.359	-0.106	-0.532	-0.860	-0.979	-0.959	-0.842	-0.704
2201	22.00	-0.606	-0.563	-0.555	-0.546	-0.509	-0.466	-0.382	-0.345	-0.346	-0.370
2211	22.10	-0.385	-0.363	-0.303	-0.238	-0.220	-0.289	-0.461	-0.623	-0.744	-0.716
2221	22.20	-0.492	-0.094	0.394	0.857	1.195	1.357	1.359	1.261	1.139	1.046
2231	22.30	0.997	0.972	0.935	0.862	0.750	0.623	0.510	0.430	0.384	0.354
2241	22.40	0.318	0.258	0.176	0.083	-0.001	-0.061	-0.091	-0.091	-0.062	0.001
2251	22.50	0.105	0.256	0.445	0.650	0.836	0.968	1.022	0.992	0.893	0.755
2261	22.60	0.609	0.481	0.385	0.326	0.302	0.302	0.311	0.307	0.265	0.167
2271	22.70	0.010	-0.199	-0.392	-0.553	-0.636	-0.635	-0.573	-0.500	-0.465	-0.497
2281	22.80	-0.591	-0.711	-0.808	-0.844	-0.814	-0.765	-0.678	-0.649	-0.661	-0.690
2291	22.90	-0.690	-0.628	-0.506	-0.368	-0.286	-0.328	-0.525	-0.849	-1.221	-1.538
2301	23.00	-1.720	-1.734	-1.612	-1.431	-1.276	-1.205	-1.226	-1.296	-1.348	-1.321
2311	23.10	-1.193	-0.984	-0.744	-0.530	-0.378	-0.291	-0.246	-0.208	-0.157	-0.091
2321	23.20	-0.028	0.015	0.037	0.061	0.129	0.227	0.515	0.811	1.102	1.316
2331	23.30	1.402	1.556	1.219	1.061	0.965	0.896	0.893	0.883	0.804	0.627
2341	23.40	0.367	0.082	-0.160	-0.308	-0.356	-0.340	-0.316	-0.330	-0.392	-0.471
2351	23.50	-0.518	-0.487	-0.368	-0.182	0.026	0.223	0.403	0.588	0.808	1.071
2361	23.60	1.335	1.519	1.528	1.306	0.870	0.322	-0.185	-0.502	-0.542	-0.320
2371	23.70	0.060	0.452	0.725	0.820	0.757	0.617	0.489	0.429	0.438	0.469
2381	23.80	0.467	0.404	0.297	0.197	0.162	0.221	0.357	0.516	0.635	0.676
2391	23.90	0.641	0.569	0.512	0.500	0.525	0.545	0.510	0.387	0.190	-0.030
2401	24.00	-0.203	-0.275	-0.231	-0.101	0.051	0.165	0.202	0.166	0.087	0.008
2411	24.10	-0.066	-0.022	-0.093	-0.138	-0.227	-0.358	-0.510	-0.652	-0.763	-0.838
2421	24.20	-0.887	-0.927	-0.970	-1.013	-1.039	-1.027	-0.960	-0.837	-0.670	-0.482
2431	24.30	-0.295	-0.125	0.022	0.166	0.244	0.314	0.348	0.347	0.320	0.290
2441	24.40	0.283	0.319	0.401	0.504	0.584	0.595	0.505	0.319	0.074	-0.168
2451	24.50	-0.365	-0.420	-0.397	-0.316	-0.239	-0.216	-0.266	-0.368	-0.474	-0.528
2461	24.60	-0.499	-0.393	-0.249	-0.121	-0.048	-0.040	-0.072	-0.104	-0.105	-0.075
2471	24.70	-0.044	-0.061	-0.163	-0.351	-0.577	-0.766	-0.839	-0.752	-0.511	-0.170
2481	24.80	0.195	0.522	0.784	0.992	1.178	1.363	1.537	1.650	1.661	1.460
2491	24.90	1.105	0.630	0.127	-0.307	-0.605	-0.756	-0.798	-0.798	-0.815	-0.876

Table 7—3—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1096 112-GR-1-42 LG. (HB.) KINOKAWA BRIDGE MAX. ACC. = -39.679 (GAL) T= 7.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.968	-1.050	-1.076	-1.012	-0.866	-0.663	-0.445	-0.246	-0.086	0.030
2511	25.10	0.111	0.166	0.205	0.237	0.267	0.301	0.339	0.372	0.380	0.341
2521	25.20	0.238	0.076	-0.118	-0.299	-0.420	-0.453	-0.398	-0.283	-0.148	-0.025
2531	25.30	0.078	0.180	0.309	0.477	0.666	0.820	0.869	0.754	0.463	0.061
2541	25.40	-0.421	-0.814	-1.051	-1.094	-0.958	-0.698	-0.375	-0.036	0.302	0.640
2551	25.50	0.979	1.303	1.570	1.726	1.729	1.569	1.282	0.931	0.592	0.319
2561	25.60	0.128	0.001	-0.096	-0.193	-0.293	-0.372	-0.396	-0.342	-0.221	-0.079
2571	25.70	0.017	0.003	-0.147	-0.414	-0.736	-1.032	-1.234	-1.314	-1.289	-1.211
2581	25.80	-1.140	-1.117	-1.146	-1.199	-1.230	-1.201	-1.103	-0.959	-0.817	-0.723
2591	25.90	-0.704	-0.757	-0.844	-0.917	-0.929	-0.854	-0.691	-0.457	-0.177	0.126
2601	26.00	0.436	0.739	1.014	1.230	1.352	1.349	1.212	0.962	0.648	0.357
2611	26.10	0.092	-0.048	-0.075	-0.011	0.110	0.250	0.387	0.510	0.621	0.717
2621	26.20	0.795	0.847	0.868	0.865	0.852	0.846	0.855	0.868	0.855	0.784
2631	26.30	0.635	0.419	0.178	-0.027	-0.141	-0.139	-0.038	0.108	0.234	0.292
2641	26.40	0.270	0.196	0.117	0.077	0.095	0.153	0.215	0.242	0.220	0.162
2651	26.50	0.103	0.078	0.105	0.177	0.268	0.350	0.408	0.448	0.483	0.518
2661	26.60	0.536	0.502	0.375	0.141	-0.172	-0.492	-0.729	-0.810	-0.716	-0.495
2671	26.70	-0.245	-0.074	-0.049	-0.172	-0.378	-0.568	-0.656	-0.609	-0.461	-0.290
2681	26.80	-0.180	-0.173	-0.253	-0.352	-0.388	-0.302	-0.094	0.184	0.449	0.626
2691	26.90	0.680	0.676	0.513	0.391	0.287	0.192	0.066	-0.130	-0.410	-0.755
2701	27.00	-1.105	-1.403	-1.602	-1.689	-1.684	-1.624	-1.542	-1.452	-1.348	-1.217
2711	27.10	-1.051	-0.862	-0.677	-0.526	-0.424	-0.361	-0.309	-0.230	-0.105	0.054
2721	27.20	0.208	0.308	0.318	0.244	0.131	0.051	0.073	0.232	0.509	0.839
2731	27.30	1.136	1.324	1.368	1.281	1.112	0.922	0.755	0.622	0.508	0.389
2741	27.40	0.251	0.105	-0.018	-0.082	-0.065	0.026	0.159	0.288	0.379	0.415
2751	27.50	0.417	0.401	0.388	0.379	0.354	0.289	0.170	0.008	-0.161	-0.292
2761	27.60	-0.352	-0.335	-0.268	-0.196	-0.153	-0.158	-0.197	-0.242	-0.270	-0.279
2771	27.70	-0.296	-0.352	-0.462	-0.603	-0.708	-0.691	-0.487	-0.081	0.471	1.060
2781	27.80	1.562	1.887	2.008	1.968	1.850	1.732	1.651	1.589	1.493	1.308
2791	27.90	1.018	0.661	0.314	0.062	-0.046	-0.023	0.060	0.100	0.007	-0.264
2801	28.00	-0.695	-1.222	-1.758	-2.228	-2.588	-2.825	-2.945	-2.959	-2.872	-2.686
2811	28.10	-2.408	-2.062	-1.685	-1.322	-1.005	-0.744	-0.517	-0.287	-0.020	0.300
2821	28.20	0.654	0.995	1.271	1.442	1.503	1.486	1.465	1.437	1.494	1.650
2831	28.30	1.744	1.831	1.812	1.655	1.374	1.022	0.674	0.400	0.240	0.188
2841	28.40	0.196	0.188	0.105	-0.088	-0.377	-0.708	-1.013	-1.236	-1.356	-1.392
2851	28.50	-1.389	-1.389	-1.406	-1.411	-1.345	-1.146	-0.786	-0.291	0.255	0.740
2861	28.60	1.061	1.168	1.084	0.892	0.703	0.610	0.648	0.784	0.935	1.006
2871	28.70	0.936	0.713	0.398	0.079	-0.156	-0.254	-0.223	-0.115	-0.009	0.029
2881	28.80	-0.035	-0.187	-0.379	-0.549	-0.645	-0.642	-0.541	-0.366	-0.149	0.079
2891	28.90	0.293	0.472	0.597	0.649	0.614	0.487	0.285	0.037	-0.212	-0.425
2901	29.00	-0.574	-0.636	-0.685	-0.684	-0.670	-0.650	-0.617	-0.562	-0.481	-0.384
2911	29.10	-0.288	-0.212	-0.158	-0.115	-0.055	0.045	0.191	0.359	0.501	0.566
2921	29.20	0.521	0.373	0.172	-0.011	-0.104	-0.070	0.082	0.301	0.514	0.657
2931	29.30	0.689	0.602	0.414	0.156	-0.148	-0.463	-0.760	-0.999	-1.138	-1.141
2941	29.40	-1.001	-0.747	-0.440	-0.156	0.050	0.161	0.205	0.234	0.292	0.385
2951	29.50	0.469	0.474	0.339	0.058	-0.309	-0.643	-0.823	-0.772	-0.499	-0.100
2961	29.60	0.282									

Table 7—4—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.070	1.240	2.433	3.270	3.709	3.887	3.994	4.098	4.040	3.461
11	0.10	1.991	-0.489	-3.645	-6.680	-8.571	-8.470	-6.106	-1.992	2.692	6.512
21	0.20	8.333	7.755	5.242	1.878	-1.133	-2.994	-3.599	-3.466	-3.340	-3.717
31	0.30	-4.505	-5.045	-4.470	-2.229	1.506	5.780	9.190	10.491	9.160	5.667
41	0.40	1.297	-2.403	-4.279	-4.050	-2.367	-0.456	0.483	-0.156	-2.131	-4.489
51	0.50	-6.036	-5.896	-3.895	-0.655	2.695	4.971	5.618	3.958	1.196	-1.837
61	0.60	-4.071	-4.760	-3.706	-1.292	1.673	4.234	5.596	5.381	3.732	1.257
71	0.70	-1.201	-2.886	-3.426	-2.983	-2.185	-1.845	-2.576	-4.467	-6.974	-9.093
81	0.80	-9.761	-8.312	-4.783	0.059	5.008	8.883	10.961	11.199	10.148	8.625
91	0.90	7.314	6.483	5.934	5.191	3.799	1.575	-1.301	-4.389	-7.203	-9.394
101	1.00	-10.835	-11.557	-11.609	-10.955	-9.468	-7.041	-3.742	0.083	3.847	6.886
111	1.10	8.689	9.099	8.346	6.947	5.486	4.394	3.823	3.652	3.599	3.375
121	1.20	2.799	1.824	0.506	-1.055	-2.751	-4.453	-5.977	-7.076	-7.480	-6.989
131	1.30	-5.583	-3.474	-1.071	1.144	2.786	3.688	3.955	3.860	3.695	3.625
141	1.40	3.609	3.446	2.913	1.918	0.596	-0.733	-1.680	-1.992	-1.688	-1.075
151	1.50	-0.626	-0.757	-1.620	-2.582	-4.293	-4.890	-4.285	-2.391	0.396	3.318
161	1.60	5.532	6.419	5.820	4.082	1.910	0.085	-0.824	-0.654	0.348	1.663
171	1.70	2.735	3.178	2.878	1.976	0.751	-0.502	-1.568	-2.324	-2.713	-2.713
181	1.80	-2.331	-1.643	-0.817	-0.113	0.208	-0.004	-0.673	-1.477	-1.948	-1.657
191	1.90	-0.428	1.549	3.749	5.501	6.247	5.765	4.242	2.180	0.185	-1.281
201	2.00	-2.038	-2.199	-2.050	-1.878	-1.850	-1.976	-2.168	-2.327	-2.404	-2.395
211	2.10	-2.283	-1.992	-1.393	-0.377	1.031	2.605	3.947	4.629	4.377	3.228
221	2.20	1.542	-0.119	-1.233	-1.534	-1.119	-0.387	0.168	0.193	-0.364	-1.253
231	2.30	-2.067	-2.464	-2.329	-1.816	-1.239	-0.889	-0.871	-1.060	-1.177	-0.962
241	2.40	-0.325	0.583	1.446	1.928	1.844	1.247	0.187	-0.408	-0.898	-1.034
251	2.50	-0.951	-0.879	-0.998	-1.340	-1.760	-2.019	-1.901	-1.330	-0.413	0.594
261	2.60	1.392	1.752	1.590	0.982	0.111	-0.802	-1.577	-2.107	-2.355	-2.334
271	2.70	-2.080	-1.636	-1.060	-0.425	0.174	0.642	0.912	0.968	0.857	0.678
281	2.80	0.541	0.533	0.683	0.950	1.243	1.443	1.443	1.176	0.634	-0.127
291	2.90	-0.990	-1.790	-2.342	-2.483	-2.122	-1.287	-0.135	1.062	1.999	2.428
301	3.00	2.256	1.580	0.674	-0.128	-0.554	-0.505	-0.090	0.429	0.761	0.720
311	3.10	0.311	-0.278	-0.776	-0.957	-0.750	-0.259	0.298	0.706	0.856	0.776
321	3.20	0.582	0.376	0.171	-0.131	-0.660	-1.463	-2.419	-3.239	-3.573	-3.176
331	3.30	-2.066	-0.457	1.146	2.340	2.908	2.923	2.673	2.489	2.545	2.760
341	3.40	2.868	2.504	1.600	0.304	-0.982	-1.821	-1.978	-1.569	-1.017	-0.839
351	3.50	-1.556	-2.590	-3.752	-4.459	-4.058	-2.413	0.095	2.707	4.609	5.268
361	3.60	4.639	3.146	1.456	0.185	-0.347	-0.185	0.359	0.910	1.202	1.159
371	3.70	0.854	0.399	-0.145	-0.793	-1.574	-2.459	-3.313	-3.932	-4.135	-3.859
381	3.80	-3.194	-2.333	-1.476	-0.736	-0.107	0.479	1.065	1.606	1.985	2.113
391	3.90	2.033	1.963	2.222	3.045	4.397	5.889	6.876	6.717	5.085	2.166
401	4.00	-1.363	-4.592	-6.753	-7.532	-7.173	-6.307	-5.613	-5.669	-5.793	-6.133
411	4.10	-5.955	-4.967	-3.284	-1.353	0.316	1.472	2.279	3.225	4.809	7.184
421	4.20	9.945	12.224	13.049	11.814	8.614	4.264	-0.022	-3.154	-4.626	-4.711
431	4.30	-4.269	-4.284	-5.350	-7.361	-9.550	-10.862	-10.471	-8.184	-4.561	-0.673
441	4.40	2.358	3.834	3.754	2.778	1.913	2.059	3.643	6.443	9.688	12.347
451	4.50	13.498	12.622	9.755	5.447	0.577	-3.910	-7.255	-9.080	-9.447	-8.795
461	4.60	-7.754	-6.912	-6.598	-6.770	-7.055	-6.926	-5.945	-3.972	-1.238	1.748
471	4.70	4.416	6.383	7.495	8.000	8.178	8.230	8.124	7.617	6.427	4.455
481	4.80	1.922	-0.659	-2.703	-3.832	-4.076	-3.866	-3.807	-4.335	-5.437	-6.599
491	4.90	-7.028	-6.060	-3.569	-0.029	3.448	5.749	6.165	4.748	2.303	0.030

Table 7—4—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.011	-0.369	1.618	4.012	5.726	6.025	4.819	2.636	0.313	-1.438
511	5.10	-2.346	-2.637	-2.821	-3.344	-4.298	-5.353	-5.932	-5.553	-4.119	-2.027
521	5.20	-0.009	1.208	1.256	0.322	-0.918	-1.599	-1.055	0.875	3.761	6.751
531	5.30	8.897	9.518	8.421	5.942	2.780	-0.258	-2.517	-3.659	-3.698	-2.934
541	5.40	-1.827	-0.857	-0.411	-0.695	-1.688	-3.133	-4.578	-5.483	-5.371	-4.002
551	5.50	-1.491	1.670	4.722	6.869	7.541	6.610	4.451	1.828	-0.377	-1.488
561	5.60	-1.289	-0.096	1.377	2.316	2.150	0.790	-1.333	-3.450	-4.783	-4.883
571	5.70	-3.809	-2.096	-0.497	0.363	0.279	-0.449	-1.167	-1.187	-0.162	1.821
581	5.80	4.075	5.778	6.253	5.286	3.223	0.819	-1.100	-1.984	-1.781	-0.914
591	5.90	-0.057	0.180	-0.485	-1.915	-5.654	-5.150	-5.984	-6.000	-5.290	-4.084
601	6.00	-2.613	-1.028	0.592	2.167	3.559	4.564	4.984	4.736	3.921	2.821
611	6.10	1.792	1.117	0.890	0.988	1.144	1.087	0.664	-0.105	-1.073	-2.063
621	6.20	-2.955	-3.723	-4.380	-4.904	-5.176	-5.008	-4.244	-2.888	-1.177	0.457
631	6.30	1.549	1.811	1.291	0.392	-0.278	-0.176	0.921	2.778	4.771	6.134
641	6.40	6.267	5.002	2.669	-0.028	-2.298	-3.567	-3.690	-2.978	-2.045	-1.541
651	6.50	-1.888	-3.106	-4.797	-6.286	-6.862	-6.051	-3.833	-0.723	2.328	4.220
661	6.60	4.111	1.833	-1.867	-5.403	-6.806	-4.475	2.029	11.478	21.069	27.188
671	6.70	26.663	18.059	2.401	-16.876	-35.119	-48.009	-53.183	-50.857	-43.427	-34.058
681	6.80	-24.992	-16.437	-6.650	6.746	24.861	46.048	65.754	78.008	78.001	64.568
691	6.90	41.286	15.454	-4.784	-13.939	-11.673	-2.989	4.101	2.458	-10.570	-31.562
701	7.00	-52.327	-63.550	-59.115	-39.029	-9.537	19.617	39.463	45.538	39.311	26.716
711	7.10	14.705	7.671	5.627	5.001	1.499	-6.684	-17.192	-24.627	-22.652	-9.630
721	7.20	11.286	31.916	42.717	37.324	15.863	-14.696	-43.458	-60.396	-60.687	-46.460
731	7.30	-25.144	-5.379	7.345	13.023	16.265	22.763	35.108	50.316	60.596	57.140
741	7.40	35.088	-2.904	-46.500	-81.281	-94.624	-81.196	-45.543	-0.512	37.779	56.245
751	7.50	49.673	22.150	-15.282	-49.465	-70.207	-73.484	-61.710	-41.389	-19.587	-0.970
761	7.60	13.371	25.088	36.495	48.499	59.641	66.703	66.499	57.919	43.172	27.559
771	7.70	17.738	19.136	33.503	57.633	83.846	102.199	103.735	83.647	43.228	-10.200
781	7.80	-65.413	-110.783	-137.905	-144.010	-132.292	-110.087	-85.716	-65.322	-51.043	-41.160
791	7.90	-32.016	-20.619	-6.587	7.567	17.943	21.765	19.411	15.138	15.347	25.682
801	8.00	47.912	78.302	108.400	128.075	129.610	111.065	77.285	38.378	5.655	-12.673
811	8.10	-14.625	-4.293	6.833	10.769	0.012	-26.516	-66.098	-106.351	-138.429	-159.917
821	8.20	-166.281	-158.559	-139.782	-113.132	-80.822	-44.122	-4.286	36.405	74.304	105.163
831	8.30	125.725	135.293	136.327	133.523	131.623	132.900	135.600	134.230	121.805	93.127
841	8.40	47.645	-9.488	-68.749	-119.462	-153.499	-167.824	-166.843	-150.548	-131.513	-112.250
851	8.50	-94.166	-76.376	-57.684	-38.256	-20.314	-6.836	0.312	1.976	1.792	4.582
861	8.60	13.853	29.887	49.599	68.623	83.227	94.522	106.469	124.306	150.327	180.595
871	8.70	204.482	207.880	179.082	114.765	23.185	-77.266	-163.909	-217.724	-230.070	-205.306
881	8.80	-158.307	-108.113	-70.571	-53.101	-53.497	-62.756	-70.137	-67.961	-56.010	-31.315
891	8.90	-5.468	18.235	36.769	49.729	58.426	64.651	69.879	75.120	81.060	87.963
901	9.00	95.151	100.418	100.058	89.994	67.799	34.686	-3.797	-39.135	-63.033	-71.061
911	9.10	-64.922	-51.957	-41.852	-41.979	-53.663	-71.245	-84.927	-85.514	-69.303	-40.202
921	9.20	-8.050	16.125	25.551	21.040	10.477	4.667	11.656	32.431	60.225	83.790
931	9.30	92.982	83.287	60.261	32.433	11.175	3.047	7.130	15.994	19.827	11.677
941	9.40	-8.908	-35.633	-58.649	-69.456	-65.024	-49.083	-30.076	-16.894	-14.618	-22.325
951	9.50	-33.936	-41.494	-39.139	-25.815	-5.502	14.968	29.138	33.923	30.429	22.973
961	9.60	16.659	14.918	18.172	24.103	29.173	30.494	27.098	20.100	11.841	4.598
971	9.70	-0.442	-3.497	-5.760	-8.568	-12.643	-17.749	-22.840	-26.540	-27.676	-25.636
981	9.30	-20.491	-12.920	-4.037	4.809	12.266	17.244	19.181	18.229	15.232	11.447
991	9.90	8.086	5.849	4.699	3.980	2.848	0.792	-2.042	-4.916	-6.918	-7.506

Table 7—4—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-6.858	-5.804	-5.339	-5.996	-7.431	-8.506	-7.866	-4.736	0.515	6.382
1011	10.10	10.868	12.455	10.913	7.474	4.241	3.107	4.725	8.082	10.972	11.093
1021	10.20	7.286	0.211	-7.866	-14.224	-16.857	-15.584	-12.000	-8.596	-7.411	-8.933
1031	10.30	-11.839	-13.714	-12.363	-7.030	1.137	9.601	15.678	17.826	16.325	13.013
1041	10.40	10.232	9.595	11.205	13.729	15.242	14.317	10.776	5.688	0.671	-3.061
1051	10.50	-5.331	-6.965	-9.107	-12.341	-16.152	-19.077	-19.491	-16.576	-10.904	-4.270
1061	10.60	1.158	3.924	3.985	2.669	1.764	2.628	5.243	8.333	10.127	9.445
1071	10.70	6.446	2.586	-0.226	-0.799	0.520	1.896	0.963	-3.807	-12.069	-21.603
1081	10.80	-28.473	-30.408	-26.296	-17.654	-7.729	0.047	3.676	3.464	1.741	1.572
1091	10.90	5.152	12.684	22.271	30.826	35.490	34.839	29.309	20.730	11.315	2.665
1101	11.00	-4.689	-11.063	-16.962	-22.429	-26.808	-29.045	-28.321	-24.607	-18.827	-12.509
1111	11.10	-7.144	-3.589	-1.829	-1.188	-0.804	-0.089	1.103	2.628	4.573	6.480
1121	11.20	9.295	13.065	17.472	21.680	24.372	24.403	21.371	15.910	9.498	3.818
1131	11.30	0.008	-1.827	-2.565	-3.510	-5.608	-8.874	-12.337	-14.544	-14.370	-11.683
1141	11.40	-7.506	-3.575	-1.488	-1.891	-4.139	-6.477	-7.035	-4.555	0.906	7.989
1151	11.50	14.607	18.822	19.596	17.106	12.523	7.424	3.149	0.396	-0.816	-0.894
1161	11.60	-0.318	0.572	1.595	2.572	3.190	3.000	1.613	-1.026	-4.455	-7.750
1171	11.70	-9.656	-10.039	-8.259	-5.243	-2.206	-0.334	-0.256	-1.766	-3.956	-5.628
1181	11.80	-5.872	-4.457	-1.901	0.829	2.808	3.594	3.385	2.850	2.712	3.337
1191	11.90	4.529	5.658	6.023	5.283	3.688	2.000	1.116	1.586	3.276	5.344
1201	12.00	6.590	5.963	3.054	-1.712	-7.244	-12.248	-15.744	-17.397	-17.525	-16.780
1211	12.10	-15.707	-14.390	-12.398	-9.044	-3.834	3.115	10.923	18.135	23.205	25.049
1221	12.20	23.455	19.155	15.560	8.259	4.505	2.863	3.137	4.552	6.081	6.767
1231	12.30	5.957	3.399	-0.757	-6.017	-11.608	-16.585	-19.988	-21.069	-19.538	-15.740
1241	12.40	-10.652	-5.632	-1.980	-0.444	-0.890	-2.311	-3.208	-2.238	1.156	6.398
1251	12.50	11.918	15.744	16.329	13.235	7.378	0.677	-4.738	-7.430	-7.257	-5.374
1261	12.60	-3.637	-3.677	-6.070	-10.022	-13.714	-15.163	-13.197	-8.059	-1.353	4.655
1271	12.70	8.059	8.168	5.684	2.465	0.418	0.666	3.025	6.168	8.357	8.346
1281	12.80	6.003	2.336	-1.064	-2.858	-2.626	-1.022	0.669	1.180	0.122	-1.991
1291	12.90	-5.977	-4.695	-3.693	-1.459	0.863	2.147	1.936	0.724	-0.522	-0.053
1301	13.00	1.951	5.040	7.748	8.534	6.615	2.459	-2.360	-5.871	-6.653	-4.510
1311	13.10	-0.553	3.364	5.546	5.243	2.918	-0.111	-2.430	-3.278	-2.876	-2.186
1321	13.20	-2.270	-3.607	-5.775	-7.664	-8.106	-6.553	-3.433	0.030	2.437	2.949
1331	13.30	1.731	-0.133	-1.208	-0.475	2.123	5.625	8.520	9.487	8.036	4.718
1341	13.40	0.823	-2.259	-3.696	-3.542	-2.620	-2.023	-2.529	-4.215	-6.453	-8.261
1351	13.50	-8.812	-7.836	-5.730	-3.369	-1.595	-1.020	-1.607	-2.820	-3.850	-3.955
1361	13.60	-2.721	-0.182	3.226	6.829	9.916	11.930	12.592	11.956	10.381	8.426
1371	13.70	6.689	5.623	5.387	5.788	6.351	6.482	5.690	3.757	0.817	-2.703
1381	13.80	-6.223	-9.180	-11.163	-11.966	-11.579	-10.169	-7.940	-5.303	-2.640	-0.349
1391	13.90	1.271	2.107	2.286	2.129	2.036	2.313	3.045	4.069	5.060	5.701
1401	14.00	5.836	5.525	4.981	4.413	3.879	3.234	2.208	0.592	-1.585	-3.981
1411	14.10	-6.030	-7.164	-7.057	-5.782	-3.795	-1.738	-0.187	0.587	0.687	0.497
1421	14.20	0.471	0.917	1.870	3.106	4.272	5.052	5.287	5.010	4.379	3.577
1431	14.30	2.724	1.850	0.917	-0.118	-1.255	-2.433	-3.547	-4.482	-5.150	-5.508
1441	14.40	-5.564	-5.368	-4.998	-4.545	-4.077	-3.617	-3.118	-2.676	-1.573	-0.353
1451	14.50	1.113	2.603	3.797	4.384	4.202	3.320	2.041	0.791	-0.046	-0.290
1461	14.60	-0.030	0.421	0.679	0.465	-0.268	-1.327	-2.370	-3.066	-3.231	-2.891
1471	14.70	-2.229	-1.686	-0.829	-0.294	0.209	0.822	1.643	2.671	3.791	4.819
1481	14.80	5.569	5.903	5.755	5.132	4.092	2.737	1.201	-0.336	-1.701	-2.727
1491	14.90	-3.313	-3.449	-3.214	-2.751	-2.210	-1.699	-1.270	-0.919	-0.625	-0.374

Table 7—4—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.170	-0.020	0.084	0.179	0.308	0.483	0.658	0.723	0.552	0.078
1511	15.10	-0.639	-1.400	-1.918	-1.939	-1.367	-0.331	0.834	1.707	1.956	1.455
1521	15.20	0.360	-0.987	-2.192	-2.976	-3.260	-3.159	-2.880	-2.586	-2.316	-1.991
1531	15.30	-1.502	-0.820	-0.066	0.532	0.756	0.546	0.076	-0.296	-0.195	0.548
1541	15.40	1.766	2.962	3.533	3.050	1.512	-0.597	-2.485	-3.417	-3.079	-1.765
1551	15.50	-0.271	0.489	-0.042	-1.715	-3.665	-4.664	-3.707	-0.556	4.033	8.535
1561	15.60	11.265	11.114	8.065	3.242	-1.529	-4.507	-4.762	-2.553	0.836	3.703
1571	15.70	4.703	3.421	0.508	-2.691	-4.783	-4.958	-3.301	-0.667	1.781	3.118
1581	15.80	3.119	2.103	0.841	0.033	-0.001	0.587	1.368	1.835	1.857	1.543
1591	15.90	1.205	1.105	1.270	1.475	1.390	0.802	-0.240	-1.431	-2.381	-2.842
1601	16.00	-2.853	-2.714	-2.806	-3.344	-4.231	-5.086	-5.443	-5.007	-3.826	-2.271
1611	16.10	-0.844	0.097	0.510	0.666	0.947	1.582	2.462	3.370	3.208	2.313
1621	16.20	0.670	-1.097	-2.200	-2.073	-0.690	1.365	3.141	3.749	2.787	0.547
1631	16.30	-2.108	-4.128	-4.747	-3.808	-1.802	0.393	1.921	2.316	1.668	0.414
1641	16.40	-0.750	-1.378	-1.347	-0.849	-0.223	0.265	0.541	0.707	0.916	1.228
1651	16.50	1.547	1.676	1.456	0.890	0.176	-0.372	-0.496	-0.161	0.501	1.073
1661	16.60	1.236	0.842	0.012	-0.924	-1.585	-1.733	-1.367	-0.711	-0.030	0.272
1671	16.70	0.269	0.006	-0.335	-0.612	-0.798	-0.973	-1.235	-1.599	-1.945	-2.058
1681	16.80	-1.743	-0.949	0.167	1.286	2.059	2.273	1.946	1.315	0.733	0.482
1691	16.90	0.653	1.112	1.587	1.809	1.651	1.185	0.627	0.224	0.117	0.284
1701	17.00	0.557	0.727	0.655	0.345	-0.058	-0.349	-0.362	-0.053	0.486	1.073
1711	17.10	1.514	1.677	1.525	1.108	0.523	-0.128	-0.755	-1.287	-1.663	-1.830
1721	17.20	-1.765	-1.485	-1.079	-0.650	-0.320	-0.158	-0.157	-0.240	-0.305	-0.277
1731	17.30	-0.147	0.024	0.153	0.191	0.162	0.162	0.304	0.637	1.092	1.475
1741	17.40	1.539	1.094	0.113	-1.220	-2.550	-3.472	-3.685	-3.113	-1.940	-0.549
1751	17.50	0.626	1.255	1.230	0.688	-0.054	-0.632	-0.770	-0.373	0.452	1.453
1761	17.60	2.338	2.870	2.945	2.605	1.999	1.319	0.724	0.284	-0.029	-0.322
1771	17.70	-0.723	-1.316	-2.087	-2.912	-3.583	-3.878	-3.643	-2.867	-1.698	-0.411
1781	17.80	0.688	1.373	1.581	1.430	1.166	1.044	1.213	1.647	2.159	2.493
1791	17.90	2.460	2.039	1.396	0.809	0.536	0.671	1.093	1.507	1.584	1.125
1801	18.00	0.170	-1.011	-2.031	-2.567	-2.503	-1.974	-1.290	-0.770	-0.584	-0.680
1811	18.10	-0.833	-0.788	-0.423	0.174	0.742	0.998	0.812	0.310	-0.163	-0.206
1821	18.20	0.418	1.628	3.020	4.023	4.157	3.253	1.550	-0.408	-2.003	-2.809
1831	18.30	-2.749	-2.092	-1.281	-0.711	-0.541	-0.667	-0.830	-0.802	-0.541	-0.217
1841	18.40	-0.107	-0.408	-1.093	-1.875	-2.331	-2.113	-1.136	0.351	1.667	2.910
1851	18.50	3.192	2.763	1.963	1.233	0.882	0.925	1.098	1.015	0.413	-0.668
1861	18.60	-1.857	-2.615	-2.504	-1.435	0.234	1.812	2.562	2.028	0.261	-2.166
1871	18.70	-4.369	-5.512	-5.130	-3.311	-0.651	1.998	3.857	4.502	3.975	2.702
1881	18.80	1.272	0.183	-0.321	-0.292	0.030	0.372	0.562	0.580	0.513	0.459
1891	18.90	0.446	0.411	0.252	-0.090	-0.565	-1.022	-1.271	-1.194	-0.802	-0.243
1901	19.00	0.282	0.625	0.768	0.817	0.908	1.066	1.214	1.021	0.228	-1.253
1911	19.10	-3.181	-4.993	-5.985	-5.613	-3.766	-0.890	2.131	4.296	4.891	3.786
1921	19.20	1.487	-1.058	-2.871	-3.338	-2.441	-0.722	0.995	1.983	1.915	0.958
1931	19.30	-0.359	-1.432	-1.867	-1.634	-1.020	-0.441	-0.213	-0.405	-0.839	-1.216
1941	19.40	-1.289	-0.992	-0.445	0.125	0.520	0.661	0.596	0.441	0.284	0.136
1951	19.50	-0.051	-0.319	-0.633	-0.864	-0.848	-0.482	0.190	0.971	1.590	1.833
1961	19.60	1.653	1.197	0.719	0.434	0.389	0.425	0.270	-0.295	-1.270	-2.379
1971	19.70	-3.161	-3.171	-2.213	-0.461	1.577	3.253	4.052	3.806	2.755	1.431
1981	19.80	0.415	0.094	0.510	1.380	2.246	2.689	2.694	1.706	0.565	-0.628
1991	19.90	-1.641	-2.366	-2.808	-3.011	-2.993	-2.724	-2.179	-1.383	-0.469	0.340

Table 7—4—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	0.800	0.753	0.204	-0.659	-1.528	-2.082	-2.110	-1.579	-0.638	0.456
2011	20.10	1.421	2.067	2.321	2.236	1.933	1.563	1.239	1.023	0.924	0.916
2021	20.20	0.955	0.996	0.995	0.918	0.764	0.672	0.123	-0.260	-0.622	-0.912
2031	20.30	-1.091	-1.144	-1.075	-0.895	-0.612	-0.229	0.253	0.818	1.421	1.975
2041	20.40	2.363	2.469	2.212	1.591	0.705	-0.262	-1.081	-1.551	-1.566	-1.152
2051	20.50	-0.477	0.220	0.706	0.842	0.635	0.230	-0.153	-0.335	-0.171	0.212
2061	20.60	0.637	0.862	0.705	0.132	-0.715	-1.571	-2.163	-2.230	-1.803	-1.023
2071	20.70	-0.180	0.411	0.532	0.137	-0.632	-1.503	-2.168	-2.395	-2.098	-1.559
2081	20.80	-0.388	0.559	1.265	1.619	1.631	1.410	1.101	0.826	0.637	0.517
2091	20.90	0.399	0.219	-0.045	-0.359	-0.664	-0.822	-0.854	-0.761	-0.624	-0.542
2101	21.00	-0.585	-0.765	-1.029	-1.282	-1.428	-1.410	-1.225	-0.914	-0.532	-0.123
2111	21.10	0.295	0.719	1.148	1.564	1.940	2.258	2.523	2.771	3.043	3.345
2121	21.20	3.609	3.691	3.615	3.655	1.415	-0.127	-1.656	-2.821	-3.379	-3.294
2131	21.30	-2.768	-2.153	-1.800	-1.890	-2.349	-2.869	-3.046	-2.567	-1.368	0.312
2141	21.40	2.021	3.263	3.695	3.257	2.181	0.876	-0.235	-0.879	-1.004	-0.756
2151	21.50	-0.377	-0.088	-0.004	-0.122	-0.365	-0.668	-0.925	-1.192	-1.458	-1.698
2161	21.60	-1.843	-1.796	-1.485	-0.912	-0.172	0.576	1.167	1.493	1.544	1.389
2171	21.70	1.137	0.877	0.646	0.431	0.205	-0.034	-0.264	-0.360	-0.334	-0.183
2181	21.80	0.003	0.090	-0.037	-0.408	-0.945	-1.480	-1.833	-1.881	-1.614	-1.130
2191	21.90	-0.579	-0.097	0.256	0.496	0.683	0.860	1.013	1.076	0.970	0.668
2201	22.00	0.231	-0.200	-0.465	-0.457	-0.182	0.240	0.628	0.824	0.758	0.473
2211	22.10	0.089	-0.271	-0.531	-0.689	-0.782	-0.830	-0.798	-0.602	-0.163	0.513
2221	22.20	1.299	1.965	2.268	2.072	1.426	0.562	-0.206	-0.626	-0.639	-0.402
2231	22.30	-0.210	-0.329	-0.835	-1.548	-2.098	-2.100	-1.363	-0.007	1.556	2.794
2241	22.40	3.292	2.945	2.009	0.984	0.323	0.454	1.147	2.059	2.677	2.612
2251	22.50	1.779	0.431	-0.967	-1.952	-2.265	-1.944	-1.274	-0.623	-0.266	-0.253
2261	22.60	-0.432	-0.532	-0.328	0.247	1.066	1.867	2.389	2.468	2.100	1.422
2271	22.70	0.635	-0.084	-0.666	-1.064	-1.340	-1.598	-1.844	-2.061	-2.200	-2.210
2281	22.80	-2.060	-1.756	-1.335	-0.861	-0.407	-0.051	0.148	0.166	0.030	-0.175
2291	22.90	-0.327	-0.306	-0.048	0.413	0.946	1.358	1.470	1.189	0.559	-0.261
2301	23.00	-1.053	-1.635	-1.932	-1.997	-1.971	-1.997	-2.135	-2.324	-2.403	-2.194
2311	23.10	-1.596	-0.661	0.416	1.357	1.919	1.993	1.649	1.110	0.667	0.471
2321	23.20	0.640	1.040	1.446	1.626	1.440	0.905	0.178	-0.517	-0.986	-1.151
2331	23.30	-1.062	-0.869	-0.734	-0.743	-0.894	-1.057	-1.087	-0.881	-0.439	0.128
2341	23.40	0.665	0.953	0.980	0.773	0.478	0.271	0.282	0.540	0.960	1.386
2351	23.50	1.654	1.654	1.367	0.858	0.241	-0.365	-0.871	-1.231	-1.438	-1.499
2361	23.60	-1.434	-1.260	-1.001	-0.685	-0.343	-0.001	0.330	0.645	0.940	1.196
2371	23.70	1.374	1.428	1.330	1.097	0.803	0.560	0.475	0.592	0.866	1.169
2381	23.80	1.337	1.241	0.849	0.239	-0.433	-1.003	-1.363	-1.503	-1.487	-1.405
2391	23.90	-1.317	-1.225	-1.094	-0.895	-0.668	-0.430	-0.326	-0.366	-0.483	-0.503
2401	24.00	-0.240	0.397	1.316	2.238	2.793	2.690	1.870	0.574	-0.733	-1.569
2411	24.10	-1.566	-0.813	0.343	1.356	1.753	1.346	0.319	-0.862	-1.673	-1.770
2421	24.20	-1.139	-0.084	0.961	1.544	1.569	1.130	0.511	-0.008	-0.295	-0.611
2431	24.30	-0.526	-0.772	-1.123	-1.374	-1.257	-0.536	0.703	2.160	3.356	3.865
2441	24.40	3.615	2.191	0.587	-0.868	-1.747	-1.887	-1.425	-0.699	-0.078	0.198
2451	24.50	0.097	-0.240	-0.605	-0.859	-0.903	-0.867	-0.840	-0.889	-0.992	-1.050
2461	24.60	-0.947	-0.616	-0.088	0.524	1.066	1.408	1.494	1.349	1.060	0.732
2471	24.70	0.456	0.266	0.229	0.256	0.301	0.279	0.099	-0.302	-0.931	-1.709
2481	24.80	-2.478	-3.037	-3.207	-2.905	-2.177	-1.197	-0.204	0.525	1.069	1.197
2491	24.90	1.146	1.054	1.043	1.147	1.305	1.405	1.341	1.073	0.639	0.141

Table 7—4—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-0.310	-0.638	-0.840	-0.976	-1.140	-1.411	-1.802	-2.248	-2.609	-2.717
2511	25.10	-2.436	-1.725	-0.673	0.505	1.522	2.115	2.138	1.635	0.834	0.078
2521	25.20	-0.310	-0.153	0.492	1.354	2.053	2.259	1.837	0.905	-0.215	-1.142
2531	25.30	-1.597	-1.522	-1.085	-0.590	-0.321	-0.413	-0.799	-1.269	-1.583	-1.600
2541	25.40	-1.333	-0.926	-0.547	-0.292	-0.126	0.085	0.480	1.094	1.811	2.398
2551	25.50	2.614	2.332	1.612	0.683	-0.161	-0.696	-0.860	-0.767	-0.619	-0.588
2561	25.60	-0.717	-0.902	-0.964	-0.765	-0.296	0.281	0.733	0.866	0.641	0.211
2571	25.70	-0.153	-0.199	0.175	0.846	1.518	1.853	1.637	0.880	-0.178	-1.175
2581	25.80	-1.785	-1.859	-1.469	-0.854	-0.298	0.007	0.029	-0.116	-0.253	-0.257
2591	25.90	-0.124	0.037	0.071	-0.126	-0.536	-1.015	-1.355	-1.380	-1.029	-0.380
2601	26.00	0.382	1.047	1.467	1.601	1.513	1.321	1.138	1.018	0.958	0.915
2611	26.10	0.849	0.750	0.639	0.550	0.503	0.483	0.452	0.373	0.235	0.065
2621	26.20	-0.078	-0.139	-0.093	0.040	0.203	0.334	0.397	0.399	0.381	0.384
2631	26.30	0.418	0.443	0.383	0.166	-0.230	-0.754	-1.287	-1.684	-1.833	-1.708
2641	26.40	-1.375	-0.969	-0.638	-0.473	-0.478	-0.571	-0.620	-0.506	-0.175	0.341
2651	26.50	0.936	1.465	1.802	1.874	1.684	1.301	0.839	0.416	0.129	0.021
2661	26.60	0.077	0.222	0.350	0.356	0.178	-0.175	-0.614	-1.002	-1.201	-1.135
2671	26.70	-0.828	-0.403	-0.037	0.117	0.001	-0.319	-0.667	-0.840	-0.696	-0.226
2681	26.80	0.436	1.065	1.442	1.445	1.093	0.566	0.012	-0.335	-0.423	-0.296
2691	26.90	-0.076	0.113	0.201	0.192	0.142	0.103	0.080	0.027	-0.123	-0.401
2701	27.00	-0.766	-1.088	-1.222	-1.053	-0.574	0.106	0.797	1.308	1.527	1.462
2711	27.10	1.223	0.961	0.790	0.736	0.736	0.681	0.483	0.124	-0.337	-0.800
2721	27.20	-1.171	-1.415	-1.557	-1.655	-1.751	-1.834	-1.833	-1.658	-1.245	-0.607
2731	27.30	0.160	0.906	1.486	1.851	1.883	1.778	1.606	1.465	1.397	1.387
2741	27.40	1.379	1.312	1.142	0.861	0.488	0.067	-0.355	-0.730	-1.013	-1.178
2751	27.50	-1.220	-1.168	-1.087	-1.053	-1.128	-1.317	-1.558	-1.729	-1.688	-1.340
2761	27.60	-0.683	0.176	1.047	1.718	2.034	1.945	1.522	0.921	0.321	-0.136
2771	27.70	-0.380	-0.435	-0.377	-0.306	-0.308	-0.431	-0.684	-1.033	-1.413	-1.737
2781	27.80	-1.907	-1.866	-1.516	-0.949	-0.243	0.455	0.990	1.258	1.236	0.991
2791	27.90	0.649	0.343	0.156	0.098	0.110	0.103	0.012	-0.177	-0.619	-0.636
2801	28.00	-0.758	-0.759	-0.665	-0.535	-0.432	-0.389	-0.405	-0.450	-0.495	-0.528
2811	28.10	-0.566	-0.635	-0.748	-0.888	-1.006	-1.039	-0.943	-0.719	-0.412	-0.100
2821	28.20	0.147	0.298	0.371	0.428	0.534	0.722	0.967	1.192	1.293	1.189
2831	28.30	0.856	0.346	-0.229	-0.733	-1.056	-1.148	-1.023	-0.759	-0.442	-0.149
2841	28.40	0.080	0.244	0.362	0.451	0.513	0.531	0.489	0.389	0.265	0.175
2851	28.50	0.171	0.277	0.464	0.656	0.758	0.698	0.468	0.332	-0.191	-0.375
2861	28.60	-0.340	-0.082	0.324	0.760	1.112	1.309	1.344	1.254	1.091	0.891
2871	28.70	0.668	0.421	0.163	-0.066	-0.193	-0.166	0.029	0.332	0.624	0.766
2881	28.80	0.669	0.340	-0.108	-0.496	-0.649	-0.477	-0.010	0.609	1.183	1.539
2891	28.90	1.587	1.346	0.920	0.446	0.040	-0.232	-0.358	-0.361	-0.280	-0.153
2901	29.00	-0.026	0.058	0.038	-0.122	-0.423	-0.809	-1.175	-1.403	-1.411	-1.195
2911	29.10	-0.835	-0.464	-0.211	-0.137	-0.218	-0.354	-0.429	-0.370	-0.184	0.050
2921	29.20	0.237	0.320	0.321	0.334	0.465	0.765	1.181	1.561	1.711	1.487
2931	29.30	0.874	0.002	-0.895	-1.573	-1.882	-1.822	-1.535	-1.231	-1.090	-1.177
2941	29.40	-1.620	-1.645	-1.669	-1.383	-0.805	-0.068	0.638	1.151	1.399	1.420
2951	29.50	1.328	1.247	1.249	1.325	1.390	1.334	1.080	0.621	0.027	-0.584
2961	29.60	-1.094	-1.428	-1.571	-1.559	-1.451	-1.295	-1.125	-0.916	-0.701	-0.487
2971	29.70	-0.308	-0.201	-0.179	-0.210	-0.226	-0.142	0.095	0.473	0.911	1.282
2981	29.80	1.467	1.412	1.150	0.789	0.465	0.275	0.234	0.272	0.272	0.136
2991	29.90	-0.163	-0.566	-0.954	-1.212	-1.287	-1.216	-1.102	-1.061	-1.151	-1.335

Table 7—4—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1097 312-GR-1-9 TR. (HA.) AKAGI BRIDGE MAX. ACC. = -230.070 (GAL) T= 8.79 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.695	-1.682	-1.192	-0.619	0.129	0.875	1.442	1.718	1.691	1.439
3011	30.10	1.087	0.751	0.504	0.363	0.313	0.333	0.411	0.566	0.728	0.926
3021	30.20	1.084	1.138	1.066	0.812	0.488	0.156	-0.108	-0.260	-0.308	-0.293
3031	30.30	-0.261	-0.239	-0.216	-0.161	-0.065	0.129	0.323	0.469	0.509	0.419
3041	30.40	0.232	0.020	-0.133	-0.167	-0.072	0.107	0.298	0.428	0.457	0.386
3051	30.50	0.253	0.109	-0.005	-0.061	-0.069	-0.041	0.005	0.058	0.114	0.172
3061	30.60	0.226	0.270	0.295	0.297	0.283	0.265	0.253	0.249	0.241	0.208
3071	30.70	0.129	-0.003	-0.171	-0.338	-0.450	-0.463	-0.356	-0.144	0.126	0.377
3081	30.80	0.550	0.602	0.532	0.379	0.207	0.078	0.033	0.075	0.168	0.257
3091	30.90	0.290	0.243	0.131	0.006	-0.061	-0.011	0.182	0.496	0.865	1.193
3101	31.00	1.389	1.383	1.155	0.735	0.196	-0.563	-0.869	-1.185	-1.376	-1.417
3111	31.10	-1.381	-1.364	-1.368	-1.473	-1.629	-1.761	-1.778	-1.605	-1.219	-0.660
3121	31.20	-0.029	0.566	0.969	1.109	1.023	0.747	0.376	0.004	-0.301	-0.513
3131	31.30	-0.651	-0.755	-0.871	-1.027	-1.223	-1.437	-1.650	-1.759	-1.796	-1.731
3141	31.40	-1.576	-1.358	-1.114	-0.877	-0.666	-0.477	-0.298	-0.109	0.100	0.319
3151	31.50	0.515	0.641	0.654	0.536	0.300	0.012	-0.249	-0.598	-0.383	-0.201
3161	31.60	0.098	0.624	0.678	0.782	0.709	0.491	0.208	-0.040	-0.171	-0.151
3171	31.70	-0.010	0.176	0.313	0.328	0.205	-0.014	-0.251	-0.431	-0.520	-0.544
3181	31.80	-0.575	-0.681	-0.884	-1.127	-1.289	-1.231	-0.869	-0.225	0.563	1.300
3191	31.90	1.804	1.988	1.896	1.671	1.479	1.420	1.475	1.516	1.387	0.990
3201	32.00	0.357	-0.358	-0.950	-1.269	-1.304	-1.191	-1.147	-1.362	-1.799	-2.358
3211	32.10	-2.736	-2.652	-1.984	-0.821	0.549	1.759	2.517	2.712	2.442	1.939
3221	32.20	1.446	1.107	0.926	0.794	0.594	0.270	-0.139	-0.532	-0.823	-1.007
3231	32.30	-1.164	-1.413	-1.815	-2.314	-2.729	-2.825	-2.653	-1.539	-0.319	0.927
3241	32.40	1.893	2.394	2.422	2.130	1.752	1.389	1.146	0.932	0.637	0.202
3251	32.50	-0.317	-0.767	-0.959	-0.817	-0.348	0.268	0.797	1.049	0.965	0.625
3261	32.60	0.224	-0.047	-0.077	0.124	0.442	0.726	0.859	0.803	0.594	0.308
3271	32.70	0.014	-0.248	-0.460	-0.641	-0.739	-0.718	-0.536	-0.187	0.280	0.766
3281	32.80	1.157	1.378	1.417	1.331	1.213	1.140	1.143	1.196	1.269	1.269
3291	32.90	1.271	1.321	1.503	1.865	2.380	2.938	3.375	3.536	3.333	2.782
3301	33.00	2.001	1.169	0.670	0.039	-0.968	-0.120	0.503	0.942	1.288	1.415
3311	33.10	1.249	0.784	0.094	-0.684	-1.378	-1.837				

Table 7—5—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1098 312-GR-1-9 U-D (U-D) AKAGI BRIDGE MAX. ACC. = 39.337 (GAL) T= 4.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.215	-2.409	-2.112	-1.332	-0.241	0.878	1.720	2.064	1.843	1.171
11	0.10	0.295	-0.480	-0.893	-0.805	-0.241	0.620	1.506	2.132	2.290	1.920
21	0.20	1.122	0.129	-0.778	-1.368	-1.542	-1.368	-1.041	-0.796	-0.798	-1.066
31	0.30	-1.448	-1.706	-1.607	-1.068	-0.103	0.969	1.869	2.337	2.270	1.754
41	0.40	1.010	0.300	-0.181	-0.365	-0.311	-0.149	-0.011	0.026	-0.049	-0.199
51	0.50	-0.379	-0.554	-0.105	-0.810	-0.633	-0.730	-0.478	-0.108	0.290	0.590
61	0.60	0.690	0.576	0.364	0.175	0.230	0.650	1.298	1.964	2.355	2.241
71	0.70	1.571	0.507	-0.626	-1.471	-1.777	-1.496	-0.784	0.070	0.779	1.160
81	0.80	1.184	0.955	0.635	0.360	0.192	0.125	0.114	0.123	0.148	0.206
91	0.90	0.305	0.429	0.531	0.561	0.501	0.381	0.266	0.217	0.248	0.311
101	1.00	0.321	0.211	-0.010	-0.240	-0.322	-0.122	0.377	1.033	1.575	1.710
111	1.10	1.259	0.259	-1.020	-2.162	-2.764	-2.600	-1.722	-0.442	0.790	1.561
121	1.20	1.658	1.137	0.285	-0.503	-0.910	-0.771	-0.161	0.674	1.424	1.833
131	1.30	1.780	1.299	0.544	-0.281	-0.995	-1.478	-1.697	-1.690	-1.537	-1.334
141	1.40	-1.160	-1.053	-0.998	-0.914	-0.781	-0.479	-0.028	0.485	0.914	1.101
151	1.50	0.959	0.527	-0.024	-0.441	-0.503	-0.130	0.560	1.278	1.675	1.498
161	1.60	0.715	-0.451	-1.598	-2.315	-2.347	-1.710	-0.678	0.342	0.985	1.079
171	1.70	0.698	0.103	-0.404	-0.619	-0.523	-0.259	-0.030	0.019	-0.115	-0.299
181	1.80	-0.344	-0.115	0.387	1.018	1.552	1.780	1.599	1.063	0.261	-0.545
191	1.90	-1.185	-1.527	-1.507	-1.134	-0.485	0.291	0.983	1.366	1.278	0.711
201	2.00	-0.138	-0.894	-1.144	-0.622	0.622	2.168	3.350	3.514	2.324	-0.028
211	2.10	-2.836	-5.104	-5.945	-4.945	-2.367	0.931	3.820	5.336	5.056	3.237
221	2.20	0.680	-1.613	-2.842	-2.712	-1.496	0.116	1.327	1.561	0.669	-1.027
231	2.30	-2.877	-4.146	-4.282	-3.111	-0.910	1.668	3.797	4.750	4.163	2.202
241	2.40	-0.447	-2.787	-3.872	-3.192	-0.943	1.972	4.229	4.590	2.429	-1.961
251	2.50	-7.294	-11.091	-14.311	-13.068	-8.948	-2.943	3.201	7.827	9.944	9.499
261	2.60	7.281	4.508	2.311	1.324	1.529	2.387	3.141	3.156	2.151	0.251
271	2.70	-2.108	-4.367	-6.021	-6.748	-6.453	-5.255	-3.428	-1.322	0.733	2.502
281	2.80	3.894	4.951	5.772	6.411	6.800	6.749	6.050	4.637	2.718	0.791
291	2.90	-0.514	-0.717	0.234	1.831	3.135	3.133	1.192	-2.592	-7.332	-11.632
301	3.00	-14.094	-13.847	-10.859	-5.903	-0.214	5.003	8.983	11.550	12.987	13.725
311	3.10	14.037	13.894	13.023	11.116	8.069	3.990	-0.637	-5.278	-9.393	-12.530
321	3.20	-14.342	-14.610	-13.305	-10.598	-7.450	-4.504	-2.787	-2.744	-3.947	-5.009
331	3.30	-4.007	0.683	7.432	20.756	31.440	37.530	35.825	25.323	7.968	-11.778
341	3.40	-28.397	-37.301	-36.518	-27.369	-13.833	-0.883	7.487	9.696	6.895	2.105
351	3.50	-1.365	-1.454	1.836	6.660	10.383	10.908	7.632	1.614	-5.020	-10.103
361	3.60	-12.328	-11.633	-8.954	-5.583	-2.490	0.004	2.124	4.209	6.286	7.897
371	3.70	8.299	6.894	3.636	-0.841	-5.460	-9.188	-11.491	-12.530	-12.961	-13.461
381	3.80	-14.231	-14.747	-13.929	-10.652	-4.372	4.433	14.246	22.925	28.402	29.373
391	3.90	25.693	18.358	9.092	-0.241	-8.182	-13.960	-17.471	-19.027	-19.033	-17.751
401	4.00	-15.251	-11.528	-6.695	-1.121	4.557	9.570	13.230	15.123	15.185	13.648
411	4.10	10.872	7.177	2.748	-2.328	-7.936	-13.772	-19.278	-23.709	-26.327	-26.641
421	4.20	-24.568	-20.430	-14.798	-8.239	-1.121	6.423	14.340	22.397	29.969	36.019
431	4.30	39.337	38.966	34.621	26.923	17.295	7.550	-0.660	-6.319	-9.247	-9.975
441	4.40	-9.379	-8.287	-7.230	-6.416	-5.894	-5.746	-6.152	-7.295	-9.140	-11.273
451	4.50	-12.918	-13.193	-11.496	-7.836	-2.924	2.058	5.913	7.908	8.069	7.022
461	4.60	5.838	5.366	5.963	7.405	9.056	10.223	10.436	9.579	7.801	5.360
471	4.70	2.349	-1.066	-4.741	-8.299	-11.134	-12.561	-12.230	-10.205	-7.244	-4.468
481	4.80	-2.937	-3.161	-4.846	-6.991	-8.328	-7.899	-5.488	-1.717	2.255	5.261
491	4.90	6.628	6.412	5.273	4.083	3.481	3.604	4.109	4.439	4.172	3.263

Table 7—5—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1098 312-GR-1-9 U-D (U-D) AKAGI BRIDGE MAX. ACC. = 39.337 (GAL) T= 4.31 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.949	0.749	0.004	-0.185	0.040	0.462	0.977	1.668	2.703	4.106
511	5.10	5.565	6.411	5.882	3.309	-1.112	-6.565	-11.599	-14.642	-16.587	-11.238
521	5.20	-5.434	1.236	6.978	10.410	10.997	9.150	5.981	2.862	0.830	0.443
531	5.30	1.697	3.294	4.948	5.734	5.336	3.915	1.995	0.223	-0.895	-1.187
541	5.40	-0.861	-0.397	-0.318	-0.952	-2.265	-3.871	-5.191	-5.713	-5.230	-3.938
551	5.50	-2.348	-1.044	-0.401	-0.402	-0.656	-0.601	0.182	1.716	3.560	4.973
561	5.60	5.239	4.005	1.471	-1.658	-4.444	-6.081	-6.390	-4.926	-2.861	-0.714
571	5.70	0.927	1.792	1.938	1.627	1.154	0.711	0.349	0.019	-0.354	-0.813
581	5.80	-1.362	-1.989	-2.677	-3.384	-4.011	-4.369	-4.224	-3.397	-1.901	-0.027
591	5.90	1.687	2.622	2.336	0.779	-1.630	-4.122	-5.865	-6.290	-5.306	-3.312
601	6.00	-1.006	0.931	2.096	2.477	2.366	2.148	2.074	2.167	2.270	2.214
611	6.10	1.975	1.730	1.760	2.262	3.182	4.175	4.739	4.456	3.220	1.327
621	6.20	-0.635	-2.048	-2.561	-2.149	-1.269	-0.443	-0.078	-0.257	-0.730	-1.086
631	6.30	-1.003	-0.434	0.361	0.961	1.019	0.450	-0.531	-1.525	-2.166	-2.303
641	6.40	-2.048	-1.670	-1.394	-1.237	-0.971	-0.256	1.143	3.160	5.370	7.125
651	6.50	7.805	7.086	5.074	2.269	-0.639	-3.034	-4.562	-5.184	-5.088	-4.517
661	6.60	-3.654	-2.560	-1.241	0.255	1.768	3.036	3.787	3.856	3.260	2.192
671	6.70	0.933	-0.255	-1.211	-1.884	-2.278	-2.392	-2.186	-1.615	-0.697	0.434
681	6.80	1.529	2.331	2.590	2.358	1.799	1.191	0.766	0.583	0.504	0.283
691	6.90	-0.276	-1.172	-2.169	-2.899	-3.049	-2.551	-1.656	-0.862	-0.598	-1.170
701	7.00	-2.417	-3.845	-4.806	-4.806	-3.709	-1.831	0.212	1.767	2.427	2.181
711	7.10	1.383	0.561	0.151	0.310	0.868	1.445	1.662	1.328	0.531	-0.418
721	7.20	-1.138	-1.363	-1.042	-0.368	0.424	0.995	1.213	1.082	0.724	0.290
731	7.30	-0.112	-0.444	-0.720	-0.950	-1.115	-1.181	-1.041	-0.766	-0.420	-0.137
741	7.40	-0.035	-0.136	-0.382	-0.567	-0.514	-0.131	0.520	1.230	1.735	1.836
751	7.50	1.511	0.935	0.419	0.248	0.688	1.454	2.432	3.197	3.644	3.069
761	7.60	2.203	1.141	0.192	-0.462	-0.842	-1.139	-1.586	-2.303	-3.196	-3.964
771	7.70	-4.216	-3.649	-2.208	-0.147	2.039	3.785	4.662	4.525	3.549	2.142
781	7.80	0.775	-0.192	-0.624	-0.615	-0.401	-0.232	-0.249	-0.439	-0.660	-0.728
791	7.90	-0.511	-0.002	0.678	1.324	1.733	1.779	1.455	0.870	0.197	-0.389
801	8.00	-0.777	-0.941	-0.935	-0.853	-0.779	-0.749	-0.751	-0.740	-0.688	-0.613
811	8.10	-0.589	-0.715	-1.063	-1.615	-2.249	-2.755	-2.916	-2.596	-1.813	-0.744
821	8.20	0.329	1.129	1.689	1.610	1.049	0.626	0.313	0.154	0.053	-0.155
831	8.30	-0.597	-1.263	-1.982	-2.488	-2.537	-2.037	-1.102	-0.026	0.853	1.273
841	8.40	1.170	0.682	0.063	-0.442	-0.713	-0.787	-0.803	-0.895	-1.086	-1.263
851	8.50	-1.224	-0.806	0.005	1.027	1.937	2.408	2.261	1.571	0.618	-0.202
861	8.60	-0.569	-0.371	0.252	0.993	1.522	1.668	1.455	1.109	0.909	1.038
871	8.70	1.477	2.010	2.324	2.168	1.482	0.434	-0.647	-1.414	-1.652	-1.362
881	8.80	-0.741	-0.079	0.383	0.555	0.520	0.470	0.589	0.945	1.454	1.914
891	8.90	2.110	1.913	1.552	0.601	-0.090	-0.500	-0.516	-0.155	0.446	1.111
901	9.00	1.682	2.053	2.178	2.049	1.879	1.103	0.391	-0.334	-0.906	-1.164
911	9.10	-1.013	-0.485	0.245	0.906	1.229	1.050	0.392	-0.547	-1.463	-2.073
921	9.20	-2.227	-1.950	-1.416	-0.838	-0.376	-0.059	0.203	0.537	1.006	1.545
931	9.30	1.969	2.053	1.654	0.805	-0.272	-1.240	-1.779	-1.720	-1.113	-0.206
941	9.40	0.666	1.215	1.301	0.945	0.333	-0.272	-0.829	-1.246	-1.569	-1.779
951	9.50	-1.935	-1.961	-1.775	-1.332	-0.873	0.066	0.695	1.049	1.051	0.747
961	9.60	0.267	-0.230	-0.633	-0.913	-1.112	-1.291	-1.482	-1.655	-1.736	-1.653
971	9.70	-1.387	-0.994	-0.583	-0.265	-0.095	-0.050	-0.045	0.010	0.153	0.340
981	9.80	0.464	0.411	0.126	-0.343	-0.859	-1.250	-1.384	-1.227	-0.853	-0.405
991	9.90	-0.028	0.188	0.239	0.187	0.116					

Table 7—6—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-14.126	-10.718	-6.624	-3.160	-0.913	0.479	2.015	4.669	8.613	13.098
11	0.10	16.495	17.089	13.897	7.219	-1.356	-9.515	-15.105	-16.921	-15.072	-10.778
21	0.20	-5.732	-1.361	1.679	3.567	4.958	6.443	8.121	9.506	9.796	8.353
31	0.30	5.124	0.784	-3.480	-6.445	-7.351	-6.199	-3.714	-0.997	0.954	1.643
41	0.40	1.210	0.283	-0.377	-0.244	0.747	2.221	3.574	4.273	4.079	3.114
51	0.50	1.743	0.375	-0.728	-1.521	-2.119	-2.652	-3.136	-3.429	-3.309	-2.619
61	0.60	-1.387	0.142	1.595	2.644	3.152	3.231	3.149	3.157	3.309	3.393
71	0.70	3.014	1.802	-0.352	-3.160	-5.976	-8.000	-8.580	-7.455	-4.861	-1.446
81	0.80	1.963	4.608	6.021	6.101	5.077	3.404	1.632	0.296	-0.193	0.355
91	0.90	1.828	3.781	5.502	6.217	5.367	2.873	-0.748	-4.509	-7.303	-8.366
101	1.00	-7.510	-5.382	-2.993	-1.332	-0.873	-1.367	-1.998	-1.858	-0.479	1.851
111	1.10	4.183	5.386	4.775	2.555	-0.178	-1.920	-1.516	1.197	5.195	8.657
121	1.20	9.791	7.696	2.849	-3.055	-7.838	-9.815	-8.546	-4.999	-1.051	1.419
131	1.30	1.407	-0.792	-3.803	-5.906	-5.895	-3.643	-0.103	3.224	5.057	4.947
141	1.40	3.418	1.605	0.605	0.886	2.074	3.212	3.327	1.987	-0.443	-2.992
151	1.50	-4.594	-4.652	-3.334	-1.460	-0.052	0.219	-0.627	-1.920	-2.731	-2.393
161	1.60	-0.865	1.257	3.079	3.912	3.646	2.786	2.146	2.350	3.434	4.777
171	1.70	5.416	4.575	2.135	-1.218	-4.272	-5.855	-5.414	-3.304	-0.626	1.292
181	1.80	1.537	0.042	-2.404	-4.560	-5.349	-4.366	-2.048	0.578	2.413	2.815
191	1.90	1.861	0.248	-1.098	-1.497	-0.815	0.527	1.817	2.438	2.156	1.195
201	2.00	0.072	-0.679	-0.753	-0.168	0.799	1.782	2.472	2.691	2.380	1.551
211	2.10	0.226	-1.276	-2.801	-3.878	-4.087	-3.210	-1.400	0.795	2.600	3.341
221	2.20	2.770	1.216	-0.544	-1.656	-1.615	-0.559	0.805	1.559	1.087	-0.542
231	2.30	-2.544	-3.791	-3.396	-1.235	1.894	4.589	5.491	3.971	0.492	-3.547
241	2.40	-6.423	-6.880	-4.713	-0.867	3.004	5.293	5.160	2.873	-0.375	-3.060
251	2.50	-4.038	-3.035	-0.702	1.751	3.145	2.855	1.041	-1.482	-3.642	-4.559
261	2.60	-3.859	-1.746	1.144	4.004	6.112	7.002	6.528	4.855	2.402	-0.249
271	2.70	-2.476	-3.782	-3.946	-3.121	-1.796	-0.622	-0.143	-0.556	-1.609	-2.708
281	2.80	-3.189	-2.643	-1.120	0.868	2.579	3.372	2.994	1.674	-0.003	-1.385
291	2.90	-2.048	-1.948	-1.386	-0.807	-0.553	-0.703	-1.072	-1.339	-1.236	-0.684
301	3.00	0.184	1.109	1.841	2.267	2.333	2.209	2.005	1.818	1.690	1.620
311	3.10	1.581	1.508	1.282	0.730	-0.323	-1.956	-4.037	-6.183	-7.818	-8.357
321	3.20	-7.436	-5.095	-1.809	1.657	4.510	6.208	6.623	6.029	4.927	3.808
331	3.30	2.961	2.407	1.980	1.465	0.739	-0.179	-1.158	-2.039	-2.700	-3.081
341	3.40	-3.154	-2.904	-2.331	-1.503	-0.602	0.077	0.217	-0.358	-1.535	-2.867
351	3.50	-3.685	-3.359	-1.589	1.403	4.888	7.871	9.458	9.191	7.210	4.167
361	3.60	0.950	-1.659	-3.235	-3.774	-3.579	-3.050	-2.492	-2.035	-1.672	-1.360
371	3.70	-1.107	-0.983	-1.066	-1.344	-1.695	-1.905	-1.771	-1.203	-0.276	0.802
381	3.80	1.784	2.486	2.843	2.893	2.719	2.380	1.899	1.283	0.579	-0.109
391	3.90	-0.643	-0.922	-0.945	-0.830	-0.749	-0.827	-1.054	-1.279	-1.297	-0.984
401	4.00	-0.408	0.180	0.461	0.260	-0.408	-1.133	-1.462	-1.050	0.110	1.637
411	4.10	2.926	3.444	3.016	1.932	0.808	0.260	0.548	1.399	2.106	1.886
421	4.20	0.306	-2.417	-5.453	-7.685	-8.221	-6.813	-3.990	-0.830	1.523	2.356
431	4.30	1.678	0.149	-1.279	-1.832	-1.261	0.106	1.595	2.571	2.759	2.349
441	4.40	1.834	1.707	2.163	2.996	3.705	3.761	2.870	1.102	-1.170	-3.467
451	4.50	-5.605	-6.797	-7.610	-7.829	-7.356	-6.017	-3.706	-0.571	2.878	5.851
461	4.60	7.546	7.492	5.806	3.206	0.747	-0.599	-0.356	1.275	3.531	5.445
471	4.70	6.280	5.816	4.373	2.582	1.028	-0.017	-0.665	-1.261	-2.108	-3.256
481	4.80	-4.460	-5.331	-5.577	-5.183	-4.416	-3.642	-3.078	-2.631	-1.937	-0.605
491	4.90	1.480	3.964	6.096	7.049	6.355	4.208	1.465	-0.698	-1.336	-0.205

Table 7—6—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.070	4.261	5.104	3.918	0.958	-2.680	-5.555	-6.551	-5.391	-2.749
511	5.10	0.096	1.887	1.982	0.639	-1.163	-2.232	-1.779	0.196	2.901	5.154
521	5.20	5.928	4.834	2.267	-0.803	-3.288	-4.445	-4.133	-2.777	-1.090	0.283
531	5.30	1.011	1.122	0.862	0.486	0.105	-0.316	-0.852	-1.472	-1.991	-2.133
541	5.40	-1.709	-0.776	0.311	1.024	0.908	-0.174	-1.910	-3.632	-4.575	-4.220
551	5.50	-2.529	0.011	2.585	4.374	4.883	4.107	2.485	0.672	-0.757	-1.516
561	5.60	-1.665	-1.489	-1.293	-1.222	-1.211	-1.064	-0.627	0.060	0.736	1.012
571	5.70	0.601	-0.508	-1.962	-3.147	-3.452	-2.507	-0.481	2.015	4.097	4.970
581	5.80	4.262	2.203	-0.450	-2.710	-3.758	-3.283	-1.599	0.490	2.038	2.355
591	5.90	1.291	-0.713	-2.828	-4.185	-4.228	-2.913	-0.688	1.719	3.601	4.517
601	6.00	4.397	3.485	2.174	0.841	-0.271	-1.061	-1.539	-1.766	-1.837	-1.879
611	6.10	-2.040	-2.436	-3.059	-3.709	-4.004	-3.528	-2.075	0.135	2.411	3.791
621	6.20	3.478	1.306	-2.012	-4.999	-6.003	-3.959	0.971	7.243	12.422	14.160
631	6.30	11.260	4.330	-4.313	-11.521	-14.604	-12.476	-6.132	1.776	8.075	10.413
641	6.40	8.213	2.805	-3.255	-7.371	-8.015	-5.302	-0.809	3.209	4.812	3.153
651	6.50	-1.269	-6.763	-11.263	-12.825	-10.307	-3.665	5.998	16.666	25.878	31.393
661	6.60	31.909	27.594	20.155	12.280	6.544	4.191	4.368	4.314	0.592	-2.081
671	6.70	-24.256	-41.309	-54.561	-58.627	-50.956	-35.305	-11.256	8.151	19.680	22.370
681	6.80	19.953	18.285	24.209	37.170	52.913	62.674	57.779	34.247	-4.611	-47.765
691	6.90	-82.388	-97.397	-89.041	-62.097	-27.383	3.395	22.911	31.000	33.581	38.385
701	7.00	49.792	65.586	77.485	75.311	52.747	11.668	-37.361	-78.818	-98.923	-91.558
711	7.10	-61.106	-20.437	14.896	33.518	32.847	19.367	4.539	-1.469	4.913	18.960
721	7.20	30.318	28.630	9.286	-23.736	-58.965	-82.555	-84.365	-62.374	-25.633	19.152
731	7.30	53.080	70.349	70.875	61.257	50.847	46.947	51.443	60.286	65.871	60.957
741	7.40	42.207	11.758	-23.746	-56.002	-78.359	-88.099	-86.821	-78.996	-69.570	-61.778
751	7.50	-56.097	-50.635	-42.561	-29.800	-12.186	8.690	29.310	46.757	59.811	68.511
761	7.60	74.617	80.356	87.105	94.368	99.525	98.533	87.606	63.950	29.092	-12.811
771	7.70	-54.934	-89.961	-112.432	-120.376	-115.908	-103.876	-89.687	-76.892	-65.777	-53.644
781	7.80	-36.708	-12.738	16.884	46.808	69.526	78.000	69.797	47.689	19.357	-5.889
791	7.90	-19.961	-20.942	-11.733	0.895	10.093	12.389	9.276	6.138	9.057	21.127
801	8.00	40.198	59.263	69.387	63.814	41.240	6.689	-30.450	-60.248	-76.112	-76.922
811	8.10	-66.597	-51.526	-37.329	-26.609	-18.657	-11.037	-1.904	8.357	17.106	21.012
821	8.20	18.235	9.919	0.062	-6.236	-5.265	3.376	16.443	28.476	34.278	31.219
831	8.30	20.296	5.550	-7.734	-15.119	-14.688	-6.295	6.834	21.301	33.326	39.511
841	8.40	37.215	25.024	5.468	-24.511	-53.385	-76.319	-87.128	-82.619	-64.120	-37.332
851	8.50	-10.313	9.655	18.931	18.776	14.360	12.017	16.080	26.879	40.844	52.587
861	8.60	57.758	55.166	47.034	37.371	29.454	23.928	18.632	10.256	-3.142	-20.286
871	8.70	-36.696	-46.710	-46.533	-36.604	-21.899	-9.796	-6.450	-13.517	-26.952	-38.631
881	8.80	-40.137	-26.891	-0.630	31.012	57.652	70.554	66.223	47.590	22.365	-0.521
891	8.90	-14.640	-18.272	-14.266	-7.911	-4.062	-4.974	-9.775	-15.581	-19.469	-20.120
901	9.00	-18.348	-16.325	-16.058	-18.021	-20.692	-21.239	-16.989	-6.926	7.521	22.790
911	9.10	34.469	38.994	35.062	24.182	10.172	-2.195	-8.880	-7.973	-0.313	10.914
921	9.20	21.418	27.442	27.169	21.320	12.706	4.881	0.470	-0.078	1.287	3.206
931	9.30	-3.314	-13.154	-26.259	-38.239	-44.245	-41.278	-29.838	-14.021	0.102	7.171
941	9.40	5.039	-6.110	-14.633	-19.955	-15.598	-1.290	18.845	38.097	50.117	51.595
951	9.50	43.423	29.865	16.250	6.389	1.038	-2.033	-6.126	-13.568	-24.041	-34.553
961	9.60	-40.920	-39.968	-31.293	-17.613	-3.716	5.992	9.212	6.774	1.953	-1.337
971	9.70	-0.523	6.480	11.480	17.395	20.008	19.126	16.546	14.862	15.804	19.030
981	9.80	22.065	21.483	14.641	1.442	-15.386	-31.094	-40.832	-41.707	-34.033	-21.212
991	9.90	-8.319	-0.007	1.327	-3.643	-11.667	-18.441	-20.438	-16.274	-7.072	4.233

Table 7--6--3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	14.245	20.499	22.296	20.689	17.729	15.387	14.450	15.203	15.769	14.907
1011	10.10	11.860	6.911	1.438	-2.931	-5.069	-4.976	-3.823	-3.423	-5.302	-9.874
1021	10.20	-16.100	-21.831	-24.716	-25.248	-17.466	-8.971	-0.215	6.554	10.224	11.166
1031	10.30	10.830	10.825	11.968	13.799	14.827	13.381	8.619	1.154	-7.039	-13.433
1041	10.40	-16.058	-14.377	-9.495	-3.613	0.980	2.859	1.906	-0.905	-4.212	-6.999
1051	10.50	-8.965	-10.361	-11.469	-12.103	-11.496	-8.682	-3.206	4.367	12.305	18.506
1061	10.60	21.272	20.246	16.638	12.673	10.482	10.988	13.366	15.392	14.543	9.323
1071	10.70	0.143	-10.674	-19.805	-24.323	-22.926	-16.443	-7.618	0.991	6.265	7.370
1081	10.80	4.894	0.531	-3.884	-6.938	-8.190	-7.958	-6.929	-5.728	-4.668	-3.745
1091	10.90	-2.791	-1.650	-0.269	1.303	2.951	4.509	5.751	6.408	6.252	5.255
1101	11.00	3.726	2.316	1.795	2.705	4.974	7.792	9.838	9.819	7.093	2.060
1111	11.10	-3.909	-9.022	-11.842	-11.918	-9.954	-7.406	-5.726	-5.620	-6.715	-7.806
1121	11.20	-7.527	-5.113	-0.822	4.185	8.439	10.900	11.436	10.786	10.047	9.975
1131	11.30	10.496	10.705	9.350	5.569	-0.550	-7.852	-14.525	-18.830	-19.778	-17.444
1141	11.40	-12.813	-7.268	-2.023	2.212	5.232	7.082	7.767	7.155	5.130	1.898
1151	11.50	-1.793	-4.206	-5.509	-5.339	1.715	8.485	15.044	19.358	20.006	16.659
1161	11.60	10.128	2.000	-5.954	-12.322	-16.360	-17.970	-17.475	-15.328	-11.945	-7.693
1171	11.70	-2.994	1.587	5.360	7.675	8.153	6.872	4.401	1.643	-0.455	-1.213
1181	11.80	-0.622	1.620	4.250	6.686	8.271	8.685	7.979	6.531	4.882	3.537
1191	11.90	2.780	2.550	2.445	1.837	0.118	-3.027	-7.402	-12.244	-16.381	-18.595
1201	12.00	-18.050	-14.639	-9.090	-2.755	2.847	6.574	8.056	7.785	6.832	6.340
1211	12.10	6.985	8.673	10.614	11.725	11.208	8.991	5.842	3.058	1.869	2.825
1221	12.20	5.454	8.370	9.819	8.619	3.787	-3.233	-10.842	-16.946	-19.932	-19.219
1231	12.30	-15.398	-9.914	-4.472	-0.632	1.568	1.656	0.481	-1.149	-2.566	-3.370
1241	12.40	-3.389	-2.565	-0.878	1.666	4.857	8.408	11.776	14.320	15.702	15.516
1251	12.50	13.815	10.798	6.743	1.945	-3.261	-8.425	-12.934	-16.094	-17.350	-16.560
1261	12.60	-14.172	-11.156	-8.667	-7.557	-7.961	-9.190	-10.005	-9.196	-6.176	-1.304
1271	12.70	4.242	8.984	11.817	12.472	11.550	10.122	9.102	8.759	8.631	7.877
1281	12.80	5.874	2.691	-0.842	-3.532	-4.500	-3.726	-2.166	-1.292	-2.331	-5.523
1291	12.90	-9.888	-13.610	-14.895	-12.863	-8.009	-1.995	3.150	5.997	6.359	5.275
1301	13.00	6.367	4.908	7.117	10.056	12.176	12.217	9.954	6.386	3.244	2.068
1311	13.10	3.357	6.229	8.798	9.081	5.978	-0.163	-7.682	-14.352	-18.363	-19.037
1321	13.20	-16.974	-13.580	-10.277	-7.829	-6.108	-4.386	-1.956	1.314	4.783	7.328
1331	13.30	7.943	6.326	3.131	-0.267	-2.368	-2.221	0.159	3.822	7.334	9.610
1341	13.40	9.447	7.694	5.041	2.539	0.915	0.287	0.201	-0.058	-1.075	-2.997
1351	13.50	-5.454	-7.729	-9.073	-9.020	-7.578	-5.218	-2.685	-0.714	0.235	0.120
1361	13.60	-0.696	-1.600	-1.975	-1.425	0.085	2.239	4.499	6.316	7.318	7.416
1371	13.70	6.780	5.717	4.512	3.309	2.097	0.781	-0.694	-2.249	-3.669	-4.692
1381	13.80	-5.141	-5.029	-4.561	-4.037	-3.680	-3.498	-3.249	-2.539	-1.022	1.398
1391	13.90	4.454	7.563	10.006	11.188	10.839	9.107	6.489	3.637	1.148	-0.612
1401	14.00	-1.562	-1.857	-1.769	-1.561	-1.406	-1.372	-1.454	-1.634	-1.915	-2.329
1411	14.10	-2.906	-3.629	-4.401	-5.069	-5.360	-5.153	-4.350	-3.026	-1.405	0.200
1421	14.20	1.683	2.259	2.520	2.436	2.274	2.277	2.543	2.977	3.331	3.316
1431	14.30	2.766	1.635	0.205	-1.207	-2.290	-2.892	-3.066	-3.022	-3.002	-3.141
1441	14.40	-3.398	-3.584	-3.464	-2.895	-1.914	-0.736	0.335	1.030	1.230	0.990
1451	14.50	0.501	-0.007	-0.351	-0.440	-0.263	0.144	0.732	1.428	2.116	2.614
1461	14.60	2.701	2.196	1.065	-0.505	-2.113	-3.264	-3.548	-2.823	-1.292	0.549
1471	14.70	2.102	2.895	2.765	1.902	0.744	-0.229	-0.703	-0.642	-0.262	0.106
1481	14.80	0.201	-0.050	-0.509	-0.925	-1.074	-0.878	-0.436	0.052	0.381	0.470
1491	14.90	0.393	0.326	0.448	0.844	1.457	2.128	2.683	3.024	3.170	3.227

Table 7--6--4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.307	3.436	3.515	3.352	2.756	1.645	0.101	-1.613	-3.155	-4.216
1511	15.10	-4.614	-4.338	-3.523	-2.373	-1.096	0.143	1.214	2.003	2.394	2.291
1521	15.20	1.672	0.665	-0.538	-1.530	-2.008	-1.801	-0.976	0.175	1.249	1.900
1531	15.30	1.988	1.626	1.108	0.741	0.667	0.770	0.726	0.169	-1.085	-2.901
1541	15.40	-4.818	-6.222	-6.605	-5.799	-4.075	-2.033	-0.356	0.497	0.467	-0.079
1551	15.50	-0.544	-0.387	0.621	2.294	4.122	5.504	6.020	5.597	4.513	3.243
1561	15.60	2.231	1.701	1.592	1.627	1.677	0.922	-0.061	-1.312	-2.575	-3.605
1571	15.70	-4.236	-4.397	-4.080	-3.325	-2.216	-0.910	0.340	1.220	1.445	0.891
1581	15.80	-0.307	-1.745	-2.867	-3.163	-2.375	-0.617	1.668	3.873	5.465	6.169
1591	15.90	6.026	5.306	4.335	3.340	2.387	1.435	0.464	-0.429	-1.029	-1.120
1601	16.00	-0.649	0.156	0.821	0.813	-0.189	-2.082	-4.313	-6.068	-6.626	-5.685
1611	16.10	-3.557	-1.035	0.923	1.621	0.923	-0.699	-2.399	-3.360	-3.157	-1.930
1621	16.20	-0.275	1.066	1.563	1.114	0.041	-1.126	-1.938	-2.231	-2.165	-1.968
1631	16.30	-1.906	-1.930	-1.783	-1.155	0.085	1.745	3.362	4.318	4.324	3.419
1641	16.40	2.069	0.930	0.521	0.953	1.862	2.586	2.501	1.359	-0.568	-2.591
1651	16.50	-3.922	-4.048	-2.973	-1.212	0.449	1.312	1.071	-0.089	-1.621	-2.897
1661	16.60	-3.489	-3.316	-2.594	-1.672	-0.804	-0.053	0.675	1.485	2.337	2.997
1671	16.70	3.126	2.475	1.066	-0.737	-2.367	-3.197	-3.005	-1.919	-0.469	0.664
1681	16.80	0.952	0.254	-1.139	-2.656	-3.713	-3.979	-3.691	-2.589	-1.705	-1.129
1691	16.90	-0.856	-0.664	-0.166	0.856	2.409	4.163	5.686	6.586	6.692	6.106
1701	17.00	5.128	4.100	3.247	2.601	2.032	1.354	0.447	-0.668	-1.842	-2.888
1711	17.10	-3.571	-3.867	-3.767	-3.332	-2.635	-1.732	-0.681	0.426	1.457	2.264
1721	17.20	2.750	2.935	2.975	3.109	3.544	4.326	5.271	5.995	6.050	5.117
1731	17.30	3.170	0.540	-2.174	-4.290	-5.289	-4.990	-3.616	-1.707	0.067	1.161
1741	17.40	1.226	0.394	-0.972	-2.320	-3.125	-3.049	-2.074	-0.487	1.203	2.436
1751	17.50	2.795	2.152	0.735	-0.950	-2.285	-2.773	-2.221	-0.824	0.905	2.330
1761	17.60	2.938	2.528	1.277	-0.352	-1.809	-2.677	-2.812	-2.359	-1.639	-0.985
1771	17.70	-0.596	-0.484	-0.521	-0.539	-0.434	-0.199	0.106	0.424	0.760	1.176
1781	17.80	1.728	2.389	2.999	3.300	3.047	2.136	0.694	-0.934	-2.303	-3.047
1791	17.90	-3.025	-2.374	-1.438	-0.608	-0.156	-0.133	-0.387	-0.673	-0.797	-0.715
1801	18.00	-0.535	-0.435	-0.539	-0.828	-1.139	-1.247	-0.986	-0.351	0.488	1.254
1811	18.10	1.683	1.645	1.186	0.496	-0.182	-0.652	-0.830	-0.738	-0.636	-0.073
1821	18.20	0.545	0.739	1.027	1.092	0.810	0.118	-0.916	-2.070	-3.020	-3.459
1831	18.30	-3.236	-2.438	-1.352	-0.350	0.298	0.560	0.660	0.953	1.721	2.979
1841	18.40	4.404	5.439	5.535	4.427	2.303	-0.217	-2.311	-3.287	-2.877	-1.365
1851	18.50	0.535	1.975	2.325	1.429	-0.356	-2.333	-3.774	-4.219	-3.634	-2.374
1861	18.60	-0.992	0.017	0.406	0.232	-0.230	-0.650	-0.803	-0.647	-0.303	0.037
1871	18.70	0.219	0.185	-0.014	-0.272	-0.479	-0.571	-0.536	-0.394	-0.201	-0.016
1881	18.80	0.087	0.030	-0.249	-0.762	-1.446	-2.144	-2.667	-2.840	-2.581	-1.960
1891	18.90	-1.082	-0.224	0.449	0.848	0.990	0.962	0.861	0.747	0.631	0.501
1901	19.00	0.368	0.282	0.314	0.510	0.848	1.221	1.488	1.538	1.360	1.058
1911	19.10	0.797	0.709	0.814	0.991	1.047	0.825	0.309	-0.323	-0.786	-0.824
1921	19.20	-0.351	0.473	1.294	1.719	1.508	0.692	-0.425	-1.402	-1.851	-1.607
1931	19.30	-0.781	0.307	1.290	1.900	2.058	1.841	1.395	0.831	0.186	-0.547
1941	19.40	-1.325	-2.012	-2.391	-2.255	-1.542	-0.410	0.779	1.602	1.760	1.228
1951	19.50	0.277	-0.644	-1.122	-0.973	-0.328	0.445	0.931	0.889	0.365	-0.331
1961	19.60	-0.799	-0.759	-0.207	0.568	1.217	1.344	0.880	0.027	-0.827	-1.301
1971	19.70	-1.208	-0.638	0.099	0.642	0.757	0.452	-0.047	-0.416	-0.410	0.014
1981	19.80	0.681	1.279	1.513	1.232	0.490	-0.492	-1.421	-2.051	-2.251	-2.023
1991	19.90	-1.460	-0.692	0.156	0.979	1.686	2.195	2.440	2.403	2.132	1.749

Table 7—6—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	1.407	1.232	1.262	1.419	1.536	1.421	0.967	0.193	-0.736	-1.573
2011	20.10	-2.080	-2.123	-1.729	-1.066	-0.382	0.092	0.226	0.027	-0.377	-0.796
2021	20.20	-1.068	-1.038	-0.770	-0.362	0.101	0.424	0.555	0.509	0.382	0.306
2031	20.30	0.394	0.678	1.086	1.452	1.578	1.313	0.636	-0.322	-1.286	-1.965
2041	20.40	-2.063	-1.578	-0.650	0.436	1.275	1.606	1.332	0.591	-0.329	-1.104
2051	20.50	-1.500	-1.453	-1.070	-0.557	-0.116	0.138	0.216	0.190	0.191	0.282
2061	20.60	0.467	0.706	0.956	1.208	1.486	1.804	2.130	2.342	2.270	1.773
2071	20.70	0.822	-0.434	-1.693	-2.600	-2.887	-2.494	-1.607	-0.587	0.183	0.656
2081	20.80	0.231	-0.267	-0.697	-0.775	-0.406	0.268	0.951	1.340	1.276	0.825
2091	20.90	0.260	-0.170	-0.192	0.180	0.746	1.199	1.275	0.889	0.175	-0.570
2101	21.00	-1.029	-1.001	-0.693	0.268	1.024	1.419	1.306	0.694	-0.257	-1.314
2111	21.10	-2.251	-2.912	-3.227	-3.202	-2.889	-2.366	-1.730	-1.087	-0.542	-0.178
2121	21.20	-0.028	-0.059	-0.191	-0.322	-0.377	-0.336	-0.243	-0.168	-0.170	-0.261
2131	21.30	-0.398	-0.513	-0.555	-0.522	-0.462	-0.446	-0.514	-0.653	-0.789	-0.836
2141	21.40	-0.743	-0.538	-0.320	-0.215	-0.307	-0.583	-0.930	-1.179	-1.188	-0.907
2151	21.50	-0.405	0.172	0.685	0.943	1.031	0.991	0.918	0.865	0.823	0.739
2161	21.60	0.572	0.345	0.158	0.143	0.385	0.859	1.401	1.729	1.762	1.252
2171	21.70	0.327	-0.786	-1.799	-2.474	-2.706	-2.532	-2.092	-1.524	-0.896	-0.221
2181	21.80	0.513	1.280	1.969	2.409	2.441	2.010	1.222	0.325	-0.385	-0.690
2191	21.90	-0.542	-0.091	0.397	0.660	0.565	0.159	-0.363	-0.766	-0.891	-0.723
2201	22.00	-0.383	-0.051	0.143	0.183	0.166	0.237	0.492	0.911	1.357	1.641
2211	22.10	1.622	1.285	0.757	0.248	-0.047	-0.041	0.205	0.521	0.711	0.654
2221	22.20	0.358	-0.048	-0.392	-0.544	-0.481	-0.293	-0.127	-0.104	-0.250	-0.483
2231	22.30	-0.654	-0.637	-0.356	-0.023	0.305	0.406	0.187	-0.299	-0.865	-1.262
2241	22.40	-1.280	-0.842	-0.028	0.955	1.858	2.481	2.737	2.655	2.336	1.892
2251	22.50	1.398	0.880	0.364	-0.187	-0.647	-0.942	-0.996	-0.792	-0.415	-0.017
2261	22.60	0.244	0.276	0.102	-0.164	-0.287	-0.196	0.163	0.615	1.035	1.232
2271	22.70	1.141	0.825	0.437	0.136	-0.014	-0.054	-0.115	-0.320	-0.693	-1.122
2281	22.80	-1.401	-1.335	-0.855	-0.073	0.751	1.326	1.466	1.180	0.661	6.182
2291	22.90	-0.053	-0.017	0.126	0.128	-0.192	-0.817	-1.506	-1.894	-1.679	-0.796
2301	23.00	0.512	1.774	2.483	2.328	1.344	-0.097	-1.439	-2.187	-2.116	-1.356
2311	23.10	-0.314	0.521	0.800	0.454	-0.296	-1.071	-1.515	-1.455	-0.957	-0.266
2321	23.20	0.326	0.622	0.597	0.381	0.178	0.150	0.344	0.682	1.011	1.181
2331	23.30	1.117	0.834	0.421	-0.014	-0.393	-0.688	-0.913	-1.094	-1.238	-1.321
2341	23.40	-1.303	-1.148	-0.852	-0.454	-0.025	0.352	0.615	0.740	0.745	0.677
2351	23.50	0.593	0.540	0.534	0.564	0.593	0.579	0.492	0.329	0.116	-0.096
2361	23.60	-0.252	-0.313	-0.270	-0.149	-0.003	0.110	0.140	0.058	-0.144	-0.459
2371	23.70	-0.872	-1.360	-1.282	-2.371	-2.730	-2.853	-2.655	-2.117	-1.305	-0.371
2381	23.80	0.490	1.100	1.360	1.285	0.995	0.659	0.424	0.362	0.442	0.560
2391	23.90	0.598	0.481	0.218	-0.109	-0.383	-0.512	-0.472	-0.315	-0.145	-0.065
2401	24.00	-0.132	-0.336	-0.610	-0.862	-1.018	-1.046	-0.962	-0.815	-0.659	-0.531
2411	24.10	-0.441	-0.372	-0.293	-0.172	0.013	0.261	0.547	0.818	1.000	1.018
2421	24.20	0.824	0.428	-0.091	-0.597	-0.935	-0.994	-0.760	-0.327	0.126	0.407
2431	24.30	0.395	0.098	-0.348	-0.734	-0.880	-0.719	-0.340	0.049	0.221	0.039
2441	24.40	-0.465	-1.087	-1.535	-1.553	-1.037	-0.090	1.019	1.963	2.486	2.505
2451	24.50	2.124	1.572	1.094	0.862	0.822	0.916	0.953	0.806	0.454	-0.013
2461	24.60	-0.442	-0.691	-0.694	-0.487	-0.180	0.092	0.233	0.214	0.076	-0.101
2471	24.70	-0.242	-0.298	-0.262	-0.148	0.021	0.251	0.479	0.757	1.047	1.311
2481	24.80	1.501	1.576	1.516	1.335	1.075	0.790	0.533	0.336	0.210	0.147
2491	24.90	0.131	0.146	0.181	0.233	0.303	0.391	0.490	0.586	0.659	0.687

Table 7—6—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1099 312-GR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	0.650	0.541	0.371	0.169	-0.023	-0.163	-0.224	-0.202	-0.115	0.003
2511	25.10	0.119	0.217	0.299	0.380	0.472	0.571	0.650	0.667	0.588	0.400
2521	25.20	0.123	-0.198	-0.514	-0.795	-1.035	-1.251	-1.462	-1.666	-1.833	-1.910
2531	25.30	-1.850	-1.640	-1.317	-0.958	-0.652	-0.455	-0.364	-0.316	-0.219	0.005
2541	25.40	0.378	0.845	1.293	1.596	1.658	1.462	1.064	0.570	0.098	-0.271
2551	25.50	-0.510	-0.650	-0.755	-0.893	-1.111	-1.417	-1.778	-2.135	-2.407	-2.519
2561	25.60	-2.411	-2.057	-1.474	-0.726	0.091	0.870	1.518	1.984	2.261	2.379
2571	25.70	2.379	2.297	2.144	1.918	1.620	1.268	0.907	0.596	0.375	0.241
2581	25.80	0.180	-0.016	-0.306	-0.759	-1.320	-1.862	-2.230	-2.299	-2.034	-1.507
2591	25.90	-0.875	-0.317	0.028	0.117	0.010	-0.156	-0.272	-0.217	0.009	0.342
2601	26.00	0.677	0.920	1.022	0.993	0.886	0.765	0.673	0.614	0.562	0.472
2611	26.10	0.314	0.083	-0.197	-0.483	-0.733	-0.918	-1.031	-1.086	-1.102	-1.097
2621	26.20	-1.079	-1.043	-0.979	-0.877	-0.732	-0.546	-0.331	-0.100	0.131	0.347
2631	26.30	0.540	0.706	0.848	0.972	1.082	1.179	1.249	1.270	1.210	1.043
2641	26.40	0.762	0.383	-0.041	-0.439	-0.737	-0.883	-0.863	-0.714	-0.508	-0.329
2651	26.50	-0.246	-0.282	-0.409	-0.557	-0.660	-0.591	-0.384	-0.054	0.322	0.644
2661	26.60	0.827	0.822	0.635	0.315	-0.062	-0.418	-0.697	-0.880	-0.974	-1.008
2671	26.70	-1.013	-1.006	-0.988	-0.945	-0.863	-0.736	-0.573	-0.398	-0.240	-0.118
2681	26.80	-0.032	0.035	0.110	0.214	0.349	0.492	0.603	0.646	0.604	0.498
2691	26.90	0.373	0.286	0.275	0.340	0.445	0.527	0.531	0.432	0.248	0.028
2701	27.00	-0.176	-0.339	-0.472	-0.617	-0.814	-1.069	-1.338	-1.532	-1.559	-1.363
2711	27.10	-0.958	-0.431	0.094	0.502	0.735	0.810	0.800	0.792	0.845	0.962
2721	27.20	1.099	1.198	1.230	1.207	1.178	1.192	1.257	1.322	1.295	1.090
2731	27.30	0.680	0.135	-0.393	-0.723	-0.715	-0.361	0.304	1.031	1.631	1.956
2741	27.40	1.969	1.752	1.452	1.220	1.140	1.204	1.326	1.393	1.318	1.076
2751	27.50	0.714	0.319	-0.023	-0.259	-0.389	-0.448	-0.485	-0.534	-0.599	-0.659
2761	27.60	-0.689	-0.680	-0.650	-0.641	-0.698	-0.844	-1.062	-1.294	-1.459	-1.484
2771	27.70	-1.336	-1.035	-0.656	-0.294	-0.038	0.072	0.050	-0.042	-0.122	-0.125
2781	27.80	-0.031	0.133	0.306	0.422	0.439	0.351	0.187	-0.013	-0.209	-0.379
2791	27.90	-0.512	-0.600	-0.624	-0.552	-0.360	-0.046	0.369	0.746	1.052	1.194
2801	28.00	1.154	0.978	0.761	0.605	0.571	0.648	0.763	0.806	0.683	0.361
2811	28.10	-0.120	-0.658	-1.135	-1.459	-1.597	-1.578	-1.473	-1.355	-1.274	-1.240
2821	28.20	-1.224	-1.182	-1.071	-0.869	-0.580	-0.231	0.134	0.465	0.712	0.840
2831	28.30	0.835	0.711	0.508	0.282	0.087	-0.042	-0.302	-0.121	-0.135	-0.180
2841	28.40	-0.265	-0.376	-0.483	-0.559	-0.595	-0.601	-0.595	-0.586	-0.565	-0.504
2851	28.50	-0.376	-0.177	0.061	0.269	0.370	0.310	0.081	-0.265	-0.645	-0.973
2861	28.60	-1.192	-1.297	-1.318	-1.293	-1.242	-1.147	-0.970	-0.676	-0.270	0.189
2871	28.70	0.596	0.839	0.848	0.621	0.240	-0.169	-0.474	-0.595	-0.524	-0.326
2881	28.80	-0.162	0.054	0.093	0.029	-0.076	-0.141	-0.105	0.049	0.293	0.564
2891	28.90	0.799	0.958	1.041	1.080	1.120	1.194	1.304	1.418	1.486	1.465
2901	29.00	1.340	1.140	0.922	0.750	0.658	0.633	0.623	0.557	0.389	0.126
2911	29.10	-0.167	-0.331	-0.666	-0.867	-0.955	0.051	0.115	-0.050	-0.436	-0.939
2921	29.20	-1.400	-1.666	-1.654	-1.378	-0.940	-0.472	-0.085	0.174	0.326	0.432
2931	29.30	0.544	0.681	0.815	0.900	0.904	0.829	0.715	0.614	0.556	0.531
2941	29.40	0.491	0.381	0.173	-0.109	-0.401	-0.621	-0.715	-0.680	-0.565	-0.442
2951	29.50	-0.371	-0.369	-0.408	-0.439	-0.421	-0.350	-0.253	-0.169	-0.116	-0.076
2961	29.60	0.001	0.161	0.418	3.728	1.007	1.163	1.141	0.956	0.682	0.417
2971	29.70	0.241	0.171	0.169	0.164	0.101	-0.033	-0.201	-0.344	-0.426	-0.457
2981	29.80	-0.454	-0.608	-0.837	-1.156	-1.467	-1.661	-1.643	-1.389	-0.951	-0.429
2991	29.90	0.073	0.491	0.808	1.036	1.173	1.197	1.058	0.722	0.218	-0.358

Table 7—6—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1099 312-SR-1-9 LG. (HB.) AKAGI BRIDGE MAX. ACC. = -120.376 (GAL) T= 7.74 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-6.769	-0.902	-0.654	-0.085	0.601	1.132	1.273	0.929	0.193	-0.693
3011	30.10	-1.433	-1.798	-1.710	-1.256	-0.644	-0.083	0.283	0.431	0.436	0.416
3021	30.20	0.456	0.578	0.738	0.867	0.919	0.893	0.834	0.793	0.793	0.813
3031	30.30	0.797	0.685	0.448	0.105	-0.295	-0.697	-1.065	-1.393	-1.688	-1.943
3041	30.40	-2.111	-2.120	-1.897	-1.416	-0.739	0.005	0.642	1.028	1.106	0.928
3051	30.50	0.636	0.399	0.342	0.497	0.801	1.130	1.360	1.423	1.324	1.133
3061	30.60	0.941	0.819	0.787	0.818	0.864	0.880	0.850	0.789	0.727	0.691
3071	30.70	0.690	0.716	0.768	0.767	0.763	0.737	0.695	0.663	0.583	0.514
3081	30.80	0.441	0.368	0.304	0.252	0.207	0.161	0.105	0.040	-0.023	-0.064
3091	30.90	-0.074	-0.061	-0.056	-0.106	-0.248	-0.493	-0.806	-1.118	-1.349	-1.437
3101	31.00	-1.368	-1.179	-0.941	-0.730	-0.596	-0.547	-0.553	-0.572	-0.569	-0.535
3111	31.10	-0.491	-0.463	-0.474	-0.521	-0.583	-0.629	-0.635	-0.600	-0.537	-0.468
3121	31.20	-0.409	-0.359	-0.307	-0.241	-0.156	-0.066	0.015	0.068	0.094	0.116
3131	31.30	0.162	0.253	0.384	0.521	0.611	0.605	0.483	0.266	0.001	-0.240
3141	31.40	-0.402	-0.467	-0.452	-0.401	-0.366	-0.371	-0.426	-0.506	-0.574	-0.598
3151	31.50	-0.566	-0.480	-0.365	-0.248	-0.167	-0.073	-0.022	0.016	0.052	0.093
3161	31.60	0.139	0.180	0.204	0.196	0.151	0.075	-0.013	-0.088	-0.126	-0.117
3171	31.70	-0.076	-0.036	-0.040	-0.123	-0.291	-0.516	-0.747	-0.927	-1.023	-1.042
3181	31.80	-1.030	-1.047	-1.139	-1.307	-1.495	-1.610	-1.553	-1.266	-0.764	-0.135
3191	31.90	0.487	0.967	1.216	1.216	1.024	0.737	0.453	0.238	0.110	0.045
3201	32.00	0.003	-0.044	-0.099	-0.142	-0.145	-0.095	-0.004	0.092	0.154	0.155
3211	32.10	0.101	0.022	-0.036	-0.041	0.013	0.098	0.171	0.191	0.148	0.065
3221	32.20	-0.011	-0.028	0.036	0.172	0.333	0.465	0.533	0.539	0.523	0.546
3231	32.30	0.650	0.839	1.062	1.236	1.276	1.134	0.824	0.419	0.028	-0.256
3241	32.40	-0.373	-0.338	-0.212	-0.077	-0.003	-0.022	-0.115	-0.237	-0.337	-0.383
3251	32.50	-0.377	-0.345	-0.321	-0.331	-0.376	-0.424	-0.442	-0.395	-0.265	-0.066
3261	32.60	0.165	0.377	0.521	0.563	0.499	0.356	0.183	0.040	-0.028	-0.001
3271	32.70	0.104	0.242	0.362	0.430	0.448	0.457	0.518	0.679	0.946	1.268
3281	32.80	1.550	1.692	1.636	1.392	1.044	0.716	0.517	0.498	0.626	0.809
3291	32.90	0.942	0.957	0.858	0.710	0.596	0.571	0.619	0.670	0.636	0.672
3301	33.00	0.220	0.002	-0.033	0.211	0.715	1.325	1.803	1.921	1.563	0.787
3311	33.10	-0.196	-1.088	-1.640							

Table 7—7—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1100 105-GR-1-18 TR. (HA.) HASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.107	-2.251	-3.215	-4.069	-4.997	-6.041	-6.922	-7.095	-6.059	-3.779
11	0.10	-0.940	1.188	1.312	-1.126	-5.395	-9.697	-10.906	-7.755	0.033	10.357
21	0.20	19.496	23.608	20.478	10.713	-2.253	-13.475	-18.612	-15.900	-7.037	3.695
31	0.30	10.617	10.070	2.166	-10.098	-21.261	-26.194	-22.282	-10.546	4.898	18.718
41	0.40	26.673	27.243	21.912	14.075	7.227	3.384	2.484	2.934	2.688	1.461
51	0.50	-0.803	-2.420	-2.053	-0.072	1.891	6.131	5.526	1.918	-3.045	-6.618
61	0.60	-6.383	-1.609	6.171	13.749	17.758	16.234	9.798	1.244	-5.680	-8.066
71	0.70	-5.185	1.244	7.978	11.858	11.279	6.828	0.769	-4.074	-5.989	-4.844
81	0.80	-2.063	0.345	0.953	-0.364	-2.373	-3.436	-2.332	0.938	5.134	8.398
91	0.90	9.193	7.029	2.644	-2.435	-6.645	-9.082	-9.755	-9.371	-8.803	-8.580
101	1.00	-8.671	-8.617	-7.885	-6.209	-3.712	-0.802	2.058	4.527	6.414	7.576
111	1.10	7.833	7.017	5.159	2.698	0.490	-0.466	0.452	3.003	5.946	7.441
121	1.20	5.905	0.935	-6.197	-12.825	-15.946	-13.618	-6.067	4.234	13.271	17.344
131	1.30	14.646	6.157	-4.699	-13.540	-16.951	-13.871	-6.433	1.985	7.531	8.116
141	1.40	4.172	-1.735	-6.306	-7.198	-6.125	1.074	5.589	7.077	4.922	0.499
151	1.50	-3.612	-5.030	-2.848	1.889	6.741	9.157	7.804	3.251	-2.337	-6.326
161	1.60	-6.961	-4.148	0.427	4.388	5.843	4.350	1.058	-2.001	-3.065	-1.614
171	1.70	1.378	4.015	4.555	2.398	-1.566	-5.426	-7.288	-6.297	-3.100	0.514
181	1.80	2.594	2.087	-0.609	-3.895	-5.903	-5.570	-3.252	-0.575	0.599	-0.771
191	1.90	-4.128	-7.477	-8.391	-5.379	1.127	8.729	14.074	14.459	9.252	0.368
201	2.00	-8.478	-13.442	-12.352	-5.272	3.229	10.488	12.702	8.965	1.171	-6.926
211	2.10	-11.484	-10.445	-4.418	3.632	9.837	11.263	7.251	-0.344	-8.097	-12.645
221	2.20	-12.222	-7.367	-0.552	5.065	7.099	4.935	-0.170	-5.863	-9.775	-10.729
231	2.30	-8.910	-5.609	-2.382	-0.250	0.676	0.992	1.611	2.176	2.844	2.586
241	2.40	0.812	-2.248	-5.409	-6.975	-5.600	-1.105	5.194	10.903	13.593	11.960
251	2.50	6.559	-0.332	-5.699	-7.197	-4.306	1.369	6.822	9.112	6.863	0.941
261	2.60	-5.706	-9.610	-8.414	-2.135	6.693	14.125	16.628	12.783	4.011	-6.028
271	2.70	-13.109	-14.399	-9.743	-1.693	5.752	9.067	6.854	0.439	-6.843	-11.315
281	2.80	-10.729	-5.309	2.433	8.957	11.402	8.894	2.855	-3.782	-8.024	-8.193
291	2.90	-4.603	0.745	5.221	6.818	5.003	0.869	-3.788	-6.832	-7.220	-5.066
301	3.00	-1.375	2.331	4.842	5.550	4.534	2.369	-0.156	-2.265	-3.343	-3.027
311	3.10	-1.309	1.377	4.160	5.913	5.643	2.962	-1.589	-6.561	-10.068	-10.561
321	3.20	-2.450	-1.641	4.931	9.984	11.873	10.293	6.352	2.008	-0.896	-1.480
331	3.30	-0.177	1.619	2.327	1.310	-1.176	-3.698	-4.668	-3.298	0.291	4.268
341	3.40	6.739	6.293	2.836	-2.321	-7.083	-9.588	-9.095	-6.277	-2.786	-0.304
351	3.50	0.380	-0.223	-0.654	0.569	3.950	8.515	12.146	12.620	8.857	1.711
361	3.60	-6.187	-11.519	-11.845	-6.870	1.262	8.843	12.314	9.988	2.953	-5.341
371	3.70	-10.676	-10.097	-3.415	6.568	15.270	18.448	14.209	3.976	-8.087	-16.936
381	3.80	-18.913	-13.405	-3.057	7.485	13.703	13.212	6.702	-2.570	-10.419	-13.689
391	3.90	-11.583	-5.781	0.607	4.669	5.063	2.486	-0.916	-2.806	-1.908	1.390
401	4.00	5.324	7.735	7.188	3.662	-1.492	-6.247	-8.847	-8.535	-5.750	-1.786
411	4.10	1.843	3.980	4.127	2.414	-0.622	-4.255	-7.592	-10.123	-10.805	-9.266
421	4.20	-5.573	-0.497	4.586	8.144	9.113	7.432	4.143	0.976	-0.658	0.540
431	4.30	5.388	6.496	8.080	7.089	3.766	-0.429	-3.773	-4.854	-3.648	-1.316
441	4.40	0.437	0.356	-1.640	-4.387	-6.148	-5.621	-2.747	1.186	4.201	4.720
451	4.50	2.466	-1.366	-4.632	-5.603	-3.774	-0.275	2.752	3.362	0.956	-3.273
461	4.60	-6.884	-7.465	-3.976	2.573	9.459	13.716	13.251	8.223	0.781	-5.961
471	4.70	-9.438	-8.818	-5.257	-1.145	1.221	0.811	-1.714	-4.525	-5.742	-4.514
481	4.80	-1.455	1.756	3.381	2.625	0.085	-2.599	-3.679	-2.296	1.030	4.673
491	4.90	5.775	6.238	3.291	-0.652	-3.758	-4.721	-3.385	-0.735	1.711	2.732

Table 7—7—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1100 105-GR-1-18 TR. (HA.) HASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.013	0.225	-1.437	-1.936	-0.928	1.144	3.399	5.055	5.842	6.033
511	5.10	6.137	6.445	6.759	6.469	4.944	2.000	-1.867	-5.603	-8.087	-8.668
521	5.20	-7.491	-5.392	-3.446	-2.389	-2.248	-2.376	-1.866	-0.111	2.800	6.042
531	5.30	8.518	9.219	7.863	4.911	1.339	-1.826	-3.931	-4.869	-4.963	-4.655
541	5.40	-4.217	-3.641	-2.742	-1.381	0.356	2.150	3.603	4.459	4.737	4.679
551	5.50	4.555	4.448	4.172	3.389	1.882	-0.203	-2.298	-3.628	-3.597	-2.158
561	5.60	0.065	2.008	2.654	1.557	-0.888	-3.587	-5.255	-5.066	-3.094	-0.336
571	5.70	1.738	1.899	-0.209	-3.831	-7.380	-9.131	-7.993	-4.022	1.569	6.854
581	5.80	10.044	10.098	7.124	2.254	-2.847	-6.628	-8.156	-7.333	-4.780	-1.503
591	5.90	1.487	3.461	4.091	3.439	1.862	-0.101	-1.849	-2.855	-2.803	-1.723
601	6.00	-0.031	1.564	2.312	1.736	-0.108	-2.584	-4.689	-5.474	-4.485	-2.007
611	6.10	1.017	3.400	4.256	3.423	1.537	-0.294	-1.072	-0.439	1.110	2.482
621	6.20	2.583	0.965	-1.841	-4.499	-5.512	-4.023	-0.355	4.012	7.078	7.275
631	6.30	4.287	-0.702	-5.486	-7.847	-6.622	-2.295	3.183	7.291	8.119	5.261
641	6.40	-0.003	-5.339	-8.477	-8.257	-5.109	-0.728	2.846	4.269	3.514	1.760
651	6.50	0.650	1.316	3.708	6.588	8.192	7.200	3.509	-1.627	-6.151	-8.189
661	6.60	-6.958	-3.130	1.515	4.959	5.900	4.296	1.267	-1.523	-2.962	-2.577
671	6.70	-1.076	0.386	0.863	0.144	-1.168	-2.068	-1.768	-0.184	2.000	3.709
681	6.80	4.070	2.894	0.760	-1.326	-2.503	-2.521	-1.838	-1.297	-1.579	-2.747
691	6.90	-4.167	-4.847	-4.019	-1.630	1.552	4.275	5.431	4.613	2.315	-0.357
701	7.00	-2.277	-2.886	-2.439	-1.769	-1.731	-2.628	-3.978	-4.763	-4.037	-1.542
711	7.10	2.008	5.199	6.589	5.472	2.287	-1.547	-4.318	-4.873	-3.205	-0.439
721	7.20	1.766	2.109	0.352	-2.519	-4.284	-4.870	-2.184	2.536	7.526	10.803
731	7.30	11.074	8.301	3.665	-1.011	-4.096	-4.813	-3.447	-1.062	1.094	2.150
741	7.40	1.901	0.728	-0.729	-1.928	-2.619	-2.807	-2.587	-1.994	-0.984	0.433
751	7.50	2.040	3.364	3.819	2.994	0.923	-1.819	-4.287	-5.560	-5.151	-3.250
761	7.60	-0.654	1.571	2.557	1.984	0.179	-2.083	-3.932	-4.765	-4.427	-3.183
771	7.70	-1.527	0.049	1.211	1.828	1.930	1.651	1.196	0.825	0.829	1.430
781	7.80	2.656	4.230	5.577	5.996	4.960	2.415	-1.082	-4.485	-6.625	-6.687
791	7.90	-4.569	-0.965	2.888	5.696	6.602	5.483	2.929	-0.063	-2.524	-3.865
801	8.00	-4.014	-3.311	-2.254	-1.248	-0.475	0.079	0.502	0.838	1.046	1.058
811	8.10	0.881	0.651	0.591	0.892	1.565	2.384	2.944	2.845	1.899	0.263
821	8.20	-1.574	-2.972	-3.400	-2.666	-1.024	0.911	2.388	2.807	1.953	0.080
831	8.30	-2.174	-4.015	-4.776	-4.152	-2.516	0.136	2.552	3.697	3.626	2.235
841	8.40	0.056	-2.091	-3.380	-3.288	-1.787	0.629	3.114	4.776	4.995	3.671
851	8.50	1.251	-1.416	-3.388	-3.973	-2.978	-0.783	1.799	3.825	4.573	3.812
861	8.60	1.889	-0.413	-2.183	-2.750	-1.968	-0.176	1.783	3.102	3.273	2.319
871	8.70	0.759	-0.654	-1.305	-1.014	-0.108	0.770	1.015	0.399	-0.793	-1.908
881	8.80	-2.283	-1.628	-0.224	1.195	1.819	1.216	-0.381	-2.139	-3.009	-2.275
891	8.90	0.032	3.075	5.559	6.329	6.933	1.862	-1.654	-4.197	-4.810	-3.407
901	9.00	-0.780	1.800	3.184	2.839	1.040	-1.335	-3.251	-3.982	-3.387	-1.884
911	9.10	-0.184	1.055	1.485	1.145	0.350	-0.495	-1.071	-1.225	-0.973	-0.439
921	9.20	0.196	0.737	1.002	0.871	0.330	-0.492	-1.344	-1.938	-2.070	-1.718
931	9.30	-1.055	-0.356	0.141	0.352	0.365	0.338	0.358	0.346	0.096	-0.573
941	9.40	-1.623	-2.722	-3.343	-3.042	-1.750	0.088	1.646	2.109	1.123	-0.942
951	9.50	-3.081	-4.111	-4.275	-3.275	-0.691	2.610	5.117	5.552	3.513	-0.286
961	9.60	-6.877	-6.969	-4.633	-0.930	2.603	4.683	4.813	3.400	1.415	-4.304
971	9.70	-0.830	-0.697	-0.292	-0.154	-0.496	-1.123	-1.632	-1.727	-1.453	-1.163
981	9.80	-1.270	-1.924	-2.850	-3.461	-3.196	-1.894	0.046	1.825	2.669	2.272
991	9.90	1.004	-0.262	-0.621	0.338	2.254	4.143	4.902	3.915	1.629	-1.519

Table 7—7—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1100 105-GR-1-18 TR. (HA.) MASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	-3.593	-3.825	-2.105	0.761	3.450	4.779	4.264	2.316	-0.031	-1.673
1011	10.10	-1.988	-1.098	0.285	1.299	1.416	0.699	-0.299	-0.902	-0.724	0.101
1021	10.20	1.013	1.370	0.836	-0.401	-1.719	-2.396	-2.020	-0.725	0.862	1.957
1031	10.30	2.031	1.110	-0.229	-1.151	-1.011	0.295	2.231	3.859	4.250	3.081
1041	10.40	0.566	-2.368	-4.519	-5.078	-3.814	-1.270	1.489	3.338	3.569	2.188
1051	10.50	-0.107	-2.233	-3.192	-2.499	-0.378	2.356	4.616	5.558	4.865	2.875
1061	10.60	0.403	-1.624	-2.554	-2.240	-1.039	0.404	1.480	1.873	1.648	1.167
1071	10.70	0.750	0.665	0.826	0.969	0.817	0.274	-0.498	-1.149	-1.334	-0.923
1081	10.80	-0.096	0.719	1.052	0.639	-0.428	-1.704	-2.588	-2.587	-1.561	0.199
1091	10.90	2.067	3.328	3.462	2.364	0.290	-2.060	-3.973	-4.862	-4.474	-2.943
1101	11.00	-0.733	1.517	3.185	3.849	3.357	1.938	0.041	-1.763	-2.970	-3.295
1111	11.10	-2.753	-1.632	-0.368	0.622	1.095	1.050	0.695	0.324	0.166	0.284
1121	11.20	0.556	0.737	0.606	0.066	-0.795	-1.736	-2.447	-2.684	-2.332	-1.445
1131	11.30	-0.218	1.075	2.145	2.767	2.719	2.017	0.739	-0.855	-2.373	-3.566
1141	11.40	-3.455	-2.479	-0.595	1.687	3.666	4.633	4.151	2.247	-0.546	-3.347
1151	11.50	-5.226	-5.558	-4.272	-1.901	0.812	2.287	2.500	1.250	-0.836	-2.770
1161	11.60	-3.623	-2.939	-0.961	1.556	3.502	4.078	3.061	0.919	-1.403	-2.914
1171	11.70	-3.026	-1.796	0.127	1.838	2.612	2.231	1.037	-0.789	-1.110	-1.167
1181	11.80	-0.678	-0.173	-0.150	-0.751	-1.655	-2.240	-1.943	-0.620	1.309	3.025
1191	11.90	3.706	2.965	1.093	-1.050	-2.431	-2.354	-0.822	1.449	3.368	3.997
1201	12.00	3.008	0.835	-1.546	-3.097	-3.208	-1.962	-0.049	1.611	2.328	1.946
1211	12.10	0.847	-0.298	-0.927	-0.870	-0.383	0.053	0.956	-0.436	-1.032	-1.291
1221	12.20	-0.832	0.323	1.745	2.793	2.952	2.112	0.641	-0.786	-1.513	-1.234
1231	12.30	-0.136	1.197	2.069	2.008	0.976	-0.631	-2.183	-3.111	-3.139	-2.371
1241	12.40	-1.193	-0.070	0.659	0.891	0.751	0.688	0.339	0.434	0.767	1.226
1251	12.50	1.648	1.880	1.821	1.454	0.861	0.212	-0.272	-0.394	-0.086	0.547
1261	12.60	1.204	1.525	1.244	0.246	-0.877	-1.930	-2.349	-1.944	-0.939	0.110
1271	12.70	0.581	0.139	-1.037	-2.276	-2.726	-1.813	0.381	3.041	4.934	4.984
1281	12.80	2.654	-0.780	-4.438	-6.471	-5.830	-2.612	1.912	5.839	7.492	6.206
1291	12.90	2.641	-1.528	-4.417	-4.828	-2.810	0.406	3.069	3.712	2.057	-1.030
1301	13.00	-3.916	-5.071	-3.861	-0.890	2.307	4.029	3.269	0.220	-3.813	-7.043
1311	13.10	-8.055	-6.453	-3.002	0.779	3.350	3.835	2.340	-0.217	-2.619	-5.935
1321	13.20	-3.867	-2.748	-1.251	0.104	1.004	1.544	1.925	2.233	2.325	1.928
1331	13.30	0.873	-6.695	-2.281	-3.224	-3.027	-1.638	0.468	2.477	3.599	3.428
1341	13.40	2.112	0.255	-1.383	-2.243	-2.181	-1.666	-0.576	0.075	0.323	0.282
1351	13.50	0.208	0.315	0.652	1.094	1.449	1.582	1.478	1.219	0.892	0.516
1361	13.60	0.049	-0.539	-1.168	-1.616	-1.607	-0.972	0.206	1.548	2.536	2.741
1371	13.70	2.070	0.844	-0.338	-0.894	-0.568	0.425	1.495	2.014	1.645	0.556
1381	13.80	-0.662	-1.344	-0.996	0.162	1.533	2.326	2.022	0.687	-1.027	-2.196
1391	13.90	-2.112	-0.668	1.553	3.553	4.419	3.783	2.006	-0.009	-1.290	-1.289
1401	14.00	-0.149	1.393	2.410	2.288	1.040	-0.711	-2.072	-2.365	-1.480	0.064
1411	14.10	1.404	1.786	0.956	-0.705	-2.381	-3.237	-2.827	-1.302	0.687	2.328
1421	14.20	3.039	2.726	1.776	0.822	0.401	0.702	1.506	2.343	2.760	2.554
1431	14.30	1.853	1.011	0.398	0.202	0.339	0.529	0.476	0.047	-0.640	-1.276
1441	14.40	-1.529	-1.235	-0.501	0.325	0.817	0.677	-0.104	-1.221	-2.182	-2.526
1451	14.50	-2.036	-0.855	0.565	1.648	1.942	1.316	0.019	-1.425	-2.447	-2.675
1461	14.60	-2.089	-1.016	0.040	0.633	0.586	0.055	-0.565	-0.863	-0.639	-0.019
1471	14.70	0.599	0.754	0.174	-1.042	-2.442	-3.407	-3.452	-2.477	-0.846	0.781
1481	14.80	1.692	1.503	0.312	-1.341	-2.723	-3.246	-2.725	-1.445	-0.060	0.993
1491	14.90	1.181	0.603	-0.369	-1.246	-1.668	-1.553	-1.089	-0.587	-0.292	-0.254

Table 7—7—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1100 105-GR-1-18 TR. (HA.) MASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-0.338	-0.334	-0.108	0.304	0.717	0.913	0.777	0.368	-0.112	-0.449
1511	15.10	-0.545	-0.483	-0.472	-0.710	-1.234	-1.870	-2.302	-2.244	-1.615	-0.614
1521	15.20	0.358	0.896	0.802	0.203	-0.510	-0.890	-0.677	0.039	0.851	1.238
1531	15.30	0.841	-0.321	-1.832	-3.058	-3.443	-2.777	-1.300	0.420	1.756	2.302
1541	15.40	2.050	1.336	0.637	0.522	0.468	0.863	1.158	1.084	0.609	-0.060
1551	15.50	-0.602	-0.784	-0.598	-0.256	-0.060	-0.208	-0.651	-1.108	-1.208	-0.712
1561	15.60	0.330	1.565	2.496	2.724	2.160	1.087	0.035	-0.474	-0.177	0.796
1571	15.70	1.988	2.838	2.944	2.257	1.084	-0.068	-0.745	-0.755	-0.237	0.436
1581	15.80	0.866	0.836	0.411	-0.114	-0.383	-0.181	0.453	1.232	1.774	1.795
1591	15.90	1.255	0.387	-0.418	-0.801	-0.611	0.016	0.722	1.100	0.890	0.108
1601	16.00	-0.958	-1.885	-2.310	-2.107	-1.437	-0.668	-0.184	-0.192	-0.612	-1.120
1611	16.10	-1.313	-0.938	-0.042	1.009	1.696	1.599	0.636	-0.351	-2.215	-2.781
1621	16.20	-2.173	-0.529	1.523	3.104	3.491	2.462	0.364	-1.930	-3.401	-3.417
1631	16.30	-1.959	0.339	2.458	3.452	2.863	0.933	-1.509	-3.415	-3.977	-2.973
1641	16.40	-0.848	1.498	3.113	3.394	2.317	0.408	-1.518	-2.713	-2.794	-1.858
1651	16.50	-0.383	1.016	1.837	1.894	1.323	0.476	-0.268	-0.573	-0.426	0.083
1661	16.60	0.722	1.261	1.537	1.495	1.178	0.697	0.187	-0.221	-0.430	-0.384
1671	16.70	-0.083	0.420	1.032	1.638	2.125	2.406	2.430	2.199	1.723	1.105
1681	16.80	0.447	-0.120	-0.470	-0.519	-0.264	0.200	0.698	1.030	1.052	0.747
1691	16.90	0.247	-0.211	-0.382	-0.131	0.487	1.234	1.783	1.858	1.374	0.491
1701	17.00	-0.442	-1.044	-1.074	-0.566	0.179	0.714	0.659	-0.109	-1.371	-2.638
1711	17.10	-3.358	-3.160	-2.036	-0.356	1.279	2.296	2.401	1.697	0.623	-0.269
1721	17.20	-0.539	-0.294	0.285	0.639	0.345	-0.685	-2.119	-3.340	-3.736	-3.011
1731	17.30	-1.365	0.569	1.994	2.317	1.433	-0.212	-1.825	-2.634	-2.269	-0.866
1741	17.40	0.921	2.238	2.515	1.663	0.115	-1.407	-2.248	-2.139	-1.302	-0.307
1751	17.50	0.241	0.021	-0.846	-1.874	-2.483	-2.303	-1.374	-0.114	0.900	1.229
1761	17.60	0.797	-0.090	-0.918	-1.236	-0.888	-0.085	0.723	1.086	0.789	-0.048
1771	17.70	-1.040	-1.757	-1.837	-1.322	-0.430	0.478	1.098	1.302	1.160	0.859
1781	17.80	0.587	0.454	0.469	0.584	0.752	0.969	1.165	1.357	1.439	1.305
1791	17.90	0.901	0.288	-0.341	-0.737	-0.708	-0.240	0.472	1.098	1.330	1.047
1801	18.00	0.386	-0.317	-0.700	-0.573	-0.026	0.621	0.974	0.803	0.181	-0.542
1811	18.10	-0.921	-0.668	0.167	1.180	1.810	1.626	0.583	-0.914	-2.171	-2.530
1821	18.20	-1.706	0.048	2.019	3.350	3.422	2.150	0.026	-2.096	-3.377	-3.362
1831	18.30	-2.157	-0.350	1.229	1.965	1.627	0.477	-0.905	-1.892	-2.105	-1.539
1841	18.40	-0.522	0.468	1.030	1.010	0.524	-0.135	-0.662	-0.880	-0.804	-0.594
1851	18.50	-0.454	-0.514	-0.723	-1.106	-1.343	-1.357	-1.121	-0.723	-0.307	-0.009
1861	18.60	0.108	0.075	-0.006	-0.023	0.088	0.308	0.542	0.662	0.567	0.230
1871	18.70	-0.279	-0.820	-1.233	-1.402	-1.298	-0.988	-0.604	-0.283	-0.107	-0.071
1881	18.80	-0.093	-0.061	0.101	0.383	0.679	0.828	0.693	0.238	-0.435	-1.108
1891	18.90	-1.523	-1.494	-0.986	-0.145	0.756	1.413	1.622	1.361	0.700	-0.062
1901	19.00	-0.703	-1.072	-1.150	-1.031	-0.853	-0.725	-0.678	-0.672	-0.640	-0.542
1911	19.10	-0.398	-0.277	-0.256	-0.373	-0.597	-0.839	-0.998	-0.998	-0.825	-0.515
1921	19.20	-0.126	0.287	0.687	1.035	1.263	1.280	0.995	0.384	-0.457	-1.298
1931	19.30	-1.840	-1.851	-1.240	-0.221	0.832	1.491	1.485	0.842	-0.106	-0.860
1941	19.40	-0.999	-0.399	0.889	1.737	2.198	1.781	0.619	-0.723	-1.757	-1.788
1951	19.50	-0.861	0.646	2.055	2.737	2.411	1.287	-0.067	-0.991	-1.076	-0.351
1961	19.60	0.742	1.590	1.726	1.064	-0.063	-1.083	-1.695	-1.019	0.111	1.451
1971	19.70	2.485	2.880	2.607	1.899	1.089	0.436	0.025	-0.204	-0.353	-0.455
1981	19.80	-0.444	-0.221	0.233	0.782	1.166	1.119	0.562	-0.327	-1.143	-1.445
1991	19.90	-0.989	0.111	1.401	2.286	2.323	1.450	0.038	-1.278	-1.907	-1.592

Table 7—7—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1100 105-GR-1-18 TR. (HA.) MASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.537	0.704	1.513	1.513	0.757	-0.323	-1.150	-1.313	-0.773	0.130
2011	20.10	0.876	1.068	0.559	-0.311	-1.068	-1.276	-0.792	0.161	1.106	1.560
2021	20.20	1.280	0.375	-0.754	-1.618	-1.868	-1.444	-0.571	0.377	1.058	1.300
2031	20.30	1.138	0.761	0.306	-0.039	-0.253	-0.353	-0.354	-0.246	-0.010	0.332
2041	20.40	0.693	0.931	0.924	0.647	0.213	-0.167	-0.282	-0.046	0.443	0.930
2051	20.50	1.131	0.882	0.235	-0.568	-1.120	-1.221	-0.808	-0.080	0.623	0.993
2061	20.60	0.902	0.454	-0.088	-0.451	-0.498	-0.289	-0.027	0.085	-0.028	-0.254
2071	20.70	-0.362	-0.142	0.444	1.211	1.814	1.922	1.398	0.351	-0.704	-1.420
2081	20.80	-1.441	-0.754	0.338	1.350	1.836	1.596	0.755	-0.300	-1.111	-1.356
2091	20.90	-0.991	-0.249	0.482	0.849	0.691	0.101	-0.639	-1.198	-1.350	-1.065
2101	21.00	-0.501	0.086	0.470	0.551	0.383	0.122	-0.066	-0.094	0.008	0.122
2111	21.10	0.111	-0.091	-0.436	-0.778	-0.942	-0.809	-0.392	0.166	0.639	0.826
2121	21.20	0.638	0.149	-0.425	-0.820	-0.836	-0.427	0.275	1.012	1.506	1.578
2131	21.30	1.219	0.584	-0.076	-0.525	-0.662	-0.464	-0.155	0.071	0.052	-0.252
2141	21.40	-0.744	-1.256	-1.523	-1.483	-1.113	-0.533	0.054	0.445	0.506	0.225
2151	21.50	-0.283	-0.813	-1.143	-1.113	-0.690	0.010	0.756	1.276	1.579	1.016
2161	21.60	0.321	-0.438	-0.959	-1.036	-0.641	0.061	0.778	1.224	1.233	0.828
2171	21.70	0.192	-0.422	-0.818	-0.928	-0.825	-0.651	-0.523	-0.459	-0.380	-0.179
2181	21.80	0.189	0.645	1.000	1.050	0.694	0.021	-0.710	-1.174	-1.144	-0.618
2191	21.90	0.162	0.807	0.964	0.696	-0.466	-1.475	-2.150	-2.177	-1.545	-0.530
2201	22.00	0.435	0.956	0.849	0.199	-0.703	-1.509	-1.973	-2.037	-1.819	-1.522
2211	22.10	-1.310	-1.243	-1.266	-1.274	-1.187	-0.996	-0.759	-0.556	-0.435	-0.391
2221	22.20	-0.387	-0.401	-0.456	-0.618	-0.946	-1.426	-1.937	-2.275	-2.238	-1.731
2231	22.30	-0.836	0.192	1.021	1.376	1.165	0.518	-0.269	-0.861	-1.036	-0.766
2241	22.40	-0.220	0.335	0.657	0.661	0.346	-0.049	-0.341	-0.394	-0.189	0.189
2251	22.50	0.610	0.958	1.169	1.222	1.119	0.860	0.447	-0.086	-0.654	-1.068
2261	22.60	-1.183	-0.873	-0.169	0.729	1.493	1.790	1.425	0.432	-0.824	-1.948
2271	22.70	-2.498	-2.257	-1.319	-0.055	1.062	1.561	1.343	0.543	-0.450	-1.194
2281	22.80	-1.392	-1.012	-0.287	0.411	0.750	0.595	0.053	-0.591	-1.025	-1.065
2291	22.90	-0.737	-0.249	0.126	0.190	-0.078	-0.522	-0.901	-1.016	-0.815	-0.410
2301	23.00	-0.008	0.212	0.198	0.063	0.018	0.256	0.836	1.629	2.364	2.751
2311	23.10	2.614	1.983	1.090	0.274	-0.156	-0.045	0.554	1.418	2.246	2.778
2321	23.20	2.877	2.557	1.952	1.256	0.658	0.293	0.222	0.429	0.832	1.305
2331	23.30	1.709	1.929	1.912	1.685	1.363	1.005	0.757	0.609	0.493	0.314
2341	23.40	0.020	-0.339	-0.603	-0.577	-0.133	0.684	1.638	2.377	2.585	2.144
2351	23.50	1.219	0.206	-0.446	-0.435	0.217	1.168	1.904	1.988	1.285	0.047
2361	23.60	-1.197	-1.883	-1.696	-0.722	0.578	1.591	1.851	1.263	0.150	-0.909
2371	23.70	-1.366	-0.969	0.108	1.369	2.237	2.334	1.654	0.545	-0.477	-0.987
2381	23.80	-0.843	-0.228	0.480	0.915	0.908	0.548	0.099	-0.166	-0.116	0.178
2391	23.90	0.509	0.676	0.605	0.388	0.209	0.218	0.418	0.656	0.711	0.444
2401	24.00	-0.091	-0.648	-0.904	-0.645	0.092	1.006	1.663	1.718	1.104	0.090
2411	24.10	-0.838	-1.224	-0.881	-0.004	0.914	1.326	0.918	-0.215	-1.598	-2.596
2421	24.20	-2.733	-1.936	-0.582	0.678	1.233	0.817	-0.355	-1.688	-2.495	-2.528
2431	24.30	-1.201	0.412	1.802	2.354	1.831	0.475	-1.113	-2.251	-2.484	-1.770
2441	24.40	-0.471	0.833	1.609	1.591	0.863	-0.221	-1.226	-1.830	-1.934	-1.662
2451	24.50	-1.266	-0.899	-0.708	-0.629	-0.547	-0.373	-0.111	0.136	0.216	0.030
2461	24.60	-0.417	-1.002	-1.531	-1.831	-1.826	-1.566	-1.200	-0.907	-0.818	-0.963
2471	24.70	-1.277	-1.638	-1.924	-2.066	-2.054	-1.928	-1.737	-1.515	-1.270	-1.006
2481	24.80	-0.736	-0.500	-0.356	-0.337	-0.445	-0.616	-0.749	-0.746	-0.564	-0.239
2491	24.90	0.121	0.376	0.417	0.208	-0.201	-0.698	-1.165	-1.508	-1.697	-1.730

Table 7—7—6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1100 105-GR-1-18 TR. (HA.) MASAKI BRIDGE MAX. ACC. = 27.243 (GAL) T= 0.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.616	-1.349	-0.912	-0.313	0.382	1.031	1.447	1.475	1.072	0.353
2511	25.10	-0.429	-0.979	-1.084	-0.721	-0.075	0.539	0.821	0.635	0.081	-0.544
2521	25.20	-0.893	-0.740	-0.107	0.738	1.395	1.532	1.046	0.130	-0.811	-1.344
2531	25.30	-1.212	-0.459	0.583	1.451	1.755	1.356	0.421	-0.657	-1.441	-1.646
2541	25.40	-1.247	-0.479	0.291	0.729	0.674	0.193	-0.471	-1.018	-1.223	-1.017
2551	25.50	-0.494	0.145	0.682	0.966	0.946	0.675	0.267	-0.146	-0.456	-0.597
2561	25.60	-0.552	-0.348	-0.044	0.277	0.532	0.653	0.609	0.414	0.124	-0.183
2571	25.70	-0.427	-0.556	-0.553	-0.432	-0.231	0.011	0.259	0.487	0.672	0.796
2581	25.80	0.841	0.806	0.696	0.551	0.411	0.314	0.275	0.275	0.274	0.222
2591	25.90	0.093	-0.100	-0.303	-0.433	-0.416	-0.214	0.152	0.604	1.027	1.306
2601	26.00	1.363	1.180	0.801	0.317	-0.167	-0.559	-0.806	-0.887	-0.830	-0.672
2611	26.10	-0.459	-0.233	-0.029	0.125	0.204	0.207	0.148	0.056	-0.026	-0.070
2621	26.20	-0.075	-0.076	-0.130	-0.282	-0.528	-0.798	-0.964	-0.887	-0.490	0.194
2631	26.30	1.002	1.695	2.042	1.924	1.392	0.662	0.021	-0.283	-0.158	0.302
2641	26.40	0.863	1.263	1.343	1.110	0.733	0.441	0.405	0.644	1.019	1.307
2651	26.50	1.329	1.066	0.596	0.222	0.151	0.471	1.080	1.726	2.128	2.110
2661	26.60	1.682	1.029	0.413	0.045	-0.011	0.146	0.323	0.353	0.183	-0.097
2671	26.70	-0.317	-0.327	-0.098	0.255	0.530	0.542	0.238	-0.258	-0.693	-0.797
2681	26.80	-0.417	0.397	1.399	2.241	2.611	2.366	1.577	0.505	-0.508	-1.160
2691	26.90	-1.286	-0.898	-0.154	0.705	1.437	1.852	1.854	1.446	0.725	-0.137
2701	27.00	-0.920	-1.406	-1.441	-0.986	-0.152	0.822	1.632	2.020	1.868	1.247
2711	27.10	0.397	-0.371	-0.799	-0.790	-0.441	0.009	0.294	0.253	-0.102	-0.584
2721	27.20	-0.936	-0.953	-0.591	0.004	0.564	0.829	0.675	0.179	-0.411	-0.794
2731	27.30	-0.757	-0.283	0.434	1.082	1.369	1.158	0.530	-0.260	-0.898	-1.156
2741	27.40	-0.980	-0.504	0.027	0.381	0.438	0.232	-0.083	-0.523	-0.362	-0.181
2751	27.50	0.134	0.452	0.661	0.711	0.619	0.443	0.244	0.068	-0.058	-0.106
2761	27.60	-0.044	0.155	0.481	0.864	1.181	1.291	1.106	0.647	0.053	-0.462
2771	27.70	-0.703	-0.593	-0.212	0.231	0.497	0.440	0.085	-0.380	-0.699	-0.677
2781	27.80	-0.292	0.289	0.782	0.929	0.631	-0.605	-0.712	-1.199	-1.295	-1.031
2791	27.90	-0.622	-0.347	-0.410	-0.831	-1.442	-1.971	-2.185	-1.995	-1.493	-0.897
2801	28.00	-0.429	-0.221	-0.266	-0.456	-0.671	-0.858	-1.056	-1.352	-1.796	-2.330
2811	28.10	-2.784	-2.946	-2.674	-1.991	-1.110	-0.355	-0.024	-0.250	-0.939	-1.807
2821	28.20	-2.515	-2.819	-2.677	-2.252	-1.815	-1.595	-1.665	-1.907	-2.082	-1.969
2831	28.30	-1.495	-0.791	-0.144	0.126	-0.180	-1.042	-2.216	-3.336	-4.051	-4.177
2841	28.40	-3.748	-2.994	-2.231	-1.735	-1.638	-1.897	-2.336	-2.728	-2.911	-2.829
2851	28.50	-2.555	-2.248	-2.078	-2.156	-2.486	-2.961	-3.396	-3.584	-3.389	-2.692
2861	28.60	-1.615	-0.308	1.005							

Table 7—8—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1101 105-GR-1-18 U-D (U-D) MASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.974	1.914	1.519	1.026	0.673	0.584	0.728	0.965	1.150	1.230
11	0.10	1.273	1.409	1.714	2.110	2.361	2.173	1.365	0.023	-1.471	-2.555
21	0.20	-2.732	-1.814	-0.055	1.923	3.584	3.804	3.119	1.767	0.494	0.016
31	0.30	0.683	2.322	4.319	5.909	6.525	6.046	4.818	3.448	2.497	2.203
41	0.40	2.406	2.660	2.527	1.811	0.680	-0.425	-1.038	-0.920	-0.196	0.702
51	0.50	1.275	1.216	0.579	-0.242	-0.714	-0.493	0.069	1.797	2.920	3.364
61	0.60	2.900	1.839	0.708	0.084	0.265	1.213	2.384	3.155	3.015	1.819
71	0.70	-0.144	-2.275	-3.916	-4.617	-4.297	-3.251	-2.006	-1.093	-0.868	-1.292
81	0.80	-2.147	-2.960	-3.278	-2.816	-1.569	0.185	1.961	3.224	3.567	2.849
91	0.90	1.260	-0.731	-2.527	-3.607	-3.700	-2.879	-1.510	-0.101	0.907	1.300
101	1.00	1.141	0.702	0.299	0.139	0.235	0.441	0.568	0.511	0.315	0.137
111	1.10	0.123	0.288	0.471	0.401	-0.147	-1.187	-2.460	-3.516	-3.914	-3.454
121	1.20	-2.305	-0.961	-0.029	0.062	-0.726	-1.995	-3.090	-3.397	-2.634	-0.977
131	1.30	1.024	2.705	3.600	3.632	3.108	2.521	2.277	2.473	2.867	3.023
141	1.40	2.571	1.433	-0.110	-1.535	-2.332	-2.249	-1.614	-0.269	0.654	0.984
151	1.50	0.681	0.024	-0.554	-0.710	-0.364	0.262	0.774	0.822	0.287	-0.651
161	1.60	-1.608	-2.192	-2.199	-1.716	-1.063	-0.627	-0.656	-1.137	-1.804	-2.283
171	1.70	-2.278	-1.729	-0.833	0.058	0.616	0.699	0.410	0.021	-0.185	-0.081
181	1.80	0.233	0.476	0.367	-0.292	-1.312	-2.352	-2.972	-2.873	-2.060	-0.867
191	1.90	0.183	0.610	0.208	-0.849	-2.075	-2.887	-2.877	-1.999	-0.596	0.754
201	2.00	1.502	1.371	0.475	-0.753	-1.773	-2.197	-1.957	-1.324	-0.749	-0.628
211	2.10	-1.093	-1.962	-2.731	-2.994	-2.470	-1.235	0.319	1.656	2.329	2.168
221	2.20	1.338	0.252	-0.629	-0.990	-0.783	-0.216	0.372	0.685	0.604	0.220
231	2.30	-0.225	-0.480	-0.415	-0.076	0.339	0.594	0.535	0.178	-0.292	-0.607
241	2.40	-0.562	-0.424	0.822	1.724	2.373	2.558	2.252	1.623	0.952	0.510
251	2.50	0.447	0.737	1.208	1.643	1.888	1.921	1.841	1.797	1.878	2.034
261	2.60	2.102	1.869	1.210	0.187	-0.945	-1.821	-2.133	-1.777	-0.918	0.066
271	2.70	0.755	0.878	0.442	-0.272	-0.847	-0.940	-0.453	0.407	1.235	1.617
281	2.80	1.360	0.575	-0.356	-0.970	-0.949	-0.282	0.730	1.613	1.957	1.611
291	2.90	0.763	-0.145	-0.625	-0.376	0.582	1.913	3.110	3.720	3.526	2.619
301	3.00	1.343	0.130	-0.672	-0.924	-0.718	-0.306	0.025	0.064	-0.259	-0.874
311	3.10	-1.619	-2.305	-2.725	-2.934	-2.760	-2.290	-1.607	-0.819	-0.038	0.662
321	3.20	1.162	1.505	1.686	1.734	1.674	1.517	1.268	0.944	0.593	0.296
331	3.30	0.139	0.176	0.394	0.698	0.962	0.981	0.732	0.217	-0.443	-1.072
341	3.40	-1.506	-1.649	-1.500	-1.132	-0.654	-0.160	0.292	0.676	0.967	1.129
351	3.50	1.109	0.865	0.410	-0.273	-0.735	-1.115	-1.201	-0.981	-0.551	-0.065
361	3.60	0.333	0.580	0.716	0.834	1.029	1.302	1.543	1.572	1.235	0.509
371	3.70	-0.447	-1.328	-1.800	-1.668	-0.895	0.192	1.197	1.734	1.617	0.947
381	3.80	0.061	-0.621	-0.795	-0.421	0.259	0.838	0.942	0.418	-0.589	-1.692
391	3.90	-2.444	-2.541	-1.964	-0.982	-0.031	0.487	0.373	-0.296	-1.226	-2.039
401	4.00	-2.441	-2.312	-1.718	-0.837	0.130	1.023	1.734	2.181	2.280	1.962
411	4.10	1.230	0.216	-0.804	-1.482	-1.537	-0.906	0.181	1.263	1.829	1.559
421	4.20	0.491	-0.963	-2.183	-2.624	-2.079	-0.792	0.643	1.551	1.494	0.478
431	4.30	-1.049	-2.416	-3.045	-2.719	-1.675	-0.462	0.332	0.370	-0.288	-1.261
441	4.40	-1.966	-2.086	-1.534	-0.570	0.396	1.025	1.217	1.138	1.093	1.533
451	4.50	1.898	2.592	3.085	3.105	2.584	1.710	0.826	0.259	0.156	0.420
461	4.60	0.769	0.889	0.596	-0.084	-0.939	-1.684	-2.100	-2.119	-1.822	-1.373
471	4.70	-0.923	-0.553	-0.275	-0.079	0.024	-0.010	-0.215	-0.551	-0.874	-0.969
481	4.80	-0.652	0.107	1.119	2.002	2.326	1.809	0.473	-1.322	-2.986	-3.931
491	4.90	-3.810	-2.664	-0.915	0.808	1.920	2.100	1.401	0.197	-0.996	-1.735

Table 7—8—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1101 105-GR-1-18 U-D (U-D) MASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.809	-1.296	-0.487	0.253	0.636	0.539	0.023	-0.721	-1.459	-1.995
511	5.10	-2.214	-2.104	-1.732	-1.219	-0.699	-0.283	-0.018	0.128	0.257	0.500
521	5.20	0.950	1.597	2.304	2.837	2.956	2.530	1.613	0.458	-0.578	-1.178
531	5.30	-1.204	-0.766	-0.172	0.220	0.182	-0.269	-0.860	-1.201	-0.973	-0.109
541	5.40	1.156	2.371	3.066	2.966	2.119	0.864	-0.320	-1.032	-1.117	-0.694
551	5.50	-0.065	0.470	0.761	0.866	0.971	1.240	1.680	2.103	2.219	1.810
561	5.60	0.886	-0.268	-1.192	-1.459	-0.900	0.296	1.631	2.529	2.580	1.746
571	5.70	0.375	-0.953	-1.693	-1.575	-0.713	0.460	1.411	1.739	1.352	0.468
581	5.80	-0.508	-1.188	-1.371	-1.103	-0.626	-0.229	-0.108	-0.289	-0.634	-0.935
591	5.90	-1.014	-0.806	-0.374	0.125	0.508	0.630	0.416	-0.114	-0.860	-1.654
601	6.00	-2.295	-2.598	-2.449	-1.865	-1.011	-0.165	0.374	0.408	-0.062	-0.817
611	6.10	-1.498	-1.756	-1.411	-0.567	0.515	1.352	1.635	1.284	0.506	-0.296
621	6.20	-0.712	-0.517	0.220	1.170	1.596	2.058	1.559	0.583	-0.495	-1.283
631	6.30	-1.538	-1.246	-0.598	0.124	0.689	1.002	1.121	1.181	1.304	1.522
641	6.40	1.763	1.905	1.843	1.555	1.109	0.626	0.217	-0.071	-0.261	-0.420
651	6.50	-0.605	-0.817	-0.995	-1.049	-0.908	-0.572	-0.119	0.325	0.636	0.752
661	6.60	0.700	0.584	0.533	0.446	0.941	1.343	1.709	1.884	1.758	1.310
671	6.70	0.620	-0.156	-0.835	-1.268	-1.383	-1.252	-0.871	-0.524	-0.320	-0.341
681	6.80	-0.569	-0.897	-1.171	-1.246	-1.051	-0.616	-0.066	0.427	0.712	0.715
691	6.90	0.465	0.077	-0.300	-0.547	-0.620	-0.563	-0.471	-0.439	-0.509	-0.669
701	7.00	-0.766	-0.760	-0.576	-0.243	0.131	0.403	0.461	0.278	-0.067	-0.415
711	7.10	-0.595	-0.491	-0.098	0.474	1.044	1.428	1.512	1.288	0.854	0.359
721	7.20	-0.056	-0.309	-0.416	-0.452	-0.515	-0.670	-0.916	-1.184	-1.370	-1.379
731	7.30	-1.175	-0.793	-0.330	0.088	0.359	0.437	0.345	0.161	-0.018	-0.110
741	7.40	-0.078	0.060	0.251	0.429	0.547	0.593	0.589	0.577	0.592	0.645
751	7.50	0.715	0.752	0.702	0.529	0.228	-0.162	-0.577	-0.935	-1.163	-1.210
761	7.60	-1.161	-0.705	-0.284	0.207	0.666	0.965	1.047	0.938	0.666	0.321
771	7.70	0.012	-0.175	-0.213	-0.151	-0.091	-0.510	-0.404	-0.847	-1.185	-1.868
781	7.80	-2.155	-2.164	-1.913	-1.505	-1.081	-0.758	-0.585	-0.533	-0.529	-0.501
791	7.90	-0.428	-0.344	-0.316	-0.389	-0.555	-0.735	-0.817	-0.708	-0.390	0.064
801	8.00	0.515	0.818	0.884	0.721	0.424	0.124	-0.070	-0.120	-0.060	0.029
811	8.10	0.076	0.057	0.002	-0.030	0.007	0.114	0.243	0.326	0.319	0.235
821	8.20	0.143	0.137	0.281	0.569	0.919	1.202	1.301	1.170	0.854	0.478
831	8.30	0.189	0.092	0.205	0.450	0.689	0.779	0.634	0.257	-0.263	-0.790
841	8.40	-1.187	-1.367	-1.315	-1.086	-0.777	-0.489	-0.291	-0.204	-0.197	-0.213
851	8.50	-0.192	-0.104	0.040	0.195	0.297	0.298	0.182	-0.017	-0.238	-0.410
861	8.60	-0.483	-0.445	-0.318	-0.143	0.045	0.227	0.400	0.560	0.685	0.727
871	8.70	0.633	0.377	-0.009	-0.420	-0.705	-0.715	-0.374	0.272	1.055	1.736
881	8.80	2.086	1.978	1.461	0.648	-0.139	-0.677	-0.823	-0.586	-0.107	0.403
891	8.90	0.756	0.855	0.722	0.478	0.277	0.240	0.407	0.724	1.075	1.331
901	9.00	1.406	1.285	1.023	0.722	0.485	0.384	0.437	0.612	0.841	1.051
911	9.10	1.182	1.199	1.090	0.866	0.550	0.173	-0.222	-0.588	-0.876	-1.052
921	9.20	-1.109	-1.073	-0.999	-0.948	-0.955	-1.021	-1.098	-1.117	-1.023	-0.812
931	9.30	-0.544	-0.324	-0.257	-0.389	-0.679	-1.005	-1.213	-1.190	-0.919	-0.498
941	9.40	-0.096	0.124	0.086	-0.158	-0.454	-0.618	-0.534	-0.218	0.190	0.492
951	9.50	0.534	0.298	-0.085	-0.392	-0.420	-0.097	0.466	1.020	1.288	1.101
961	9.60	0.495	-0.300	-0.950	-1.171	-0.855	-0.125	0.721	1.347	1.520	1.212
971	9.70	0.593	-0.054	-0.473	-0.542	-0.311	0.043	0.322	0.607	0.310	0.149
981	9.80	0.076	0.175	0.433	0.730	0.916	0.889	0.647	0.289	-0.044	-0.239
991	9.90	-0.268	-0.193	-0.121	-0.140	-0.266	-0.439	-0.562	-0.562	-0.439	-0.274

Table 7—8—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1101 105-GR-1-18 U-D (U-D) HASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.180	-0.242	-0.456	-0.724	-0.898	-0.859	-0.583	-0.166	0.226	0.618
1011	10.10	0.333	0.022	-0.354	-0.605	-0.599	-0.331	0.080	0.456	0.636	0.574
1021	10.20	0.338	0.079	-0.052	0.023	0.274	0.586	0.810	0.858	0.715	0.461
1031	10.30	0.126	-0.159	-0.394	-0.591	-0.760	-0.871	-0.848	-0.606	-0.106	0.598
1041	10.40	1.348	1.938	2.194	2.056	1.609	1.047	0.584	0.359	0.373	0.499
1051	10.50	0.557	0.415	0.061	-0.386	-0.734	-0.817	-0.582	-0.112	0.409	0.791
1061	10.60	0.920	0.807	0.564	0.332	0.206	0.181	0.172	0.073	-0.174	-0.534
1071	10.70	-0.892	-1.115	-1.122	-0.931	-0.644	-0.390	-0.246	-0.193	-0.122	0.092
1081	10.80	0.511	1.068	1.579	1.814	1.612	0.969	0.066	-0.798	-1.328	-1.362
1091	10.90	-0.945	-0.314	0.208	0.369	0.010	-0.700	-1.514	-2.124	-2.316	-2.051
1101	11.00	-1.469	-0.820	-0.343	-0.180	-0.320	-0.632	-0.939	-1.105	-1.091	-0.960
1111	11.10	-0.839	-0.843	-1.023	-1.361	-1.689	-1.937	-1.969	-1.814	-1.458	-1.016
1121	11.20	-0.595	-0.283	-0.125	-0.120	-0.233	-0.406	-0.574	-0.679	-0.675	-0.541
1131	11.30	-0.289	0.034	0.352	0.577	0.638	0.503	0.195	-0.213	-0.619	-0.924
1141	11.40	-1.064	-1.022	-0.833	-0.558	-0.266	-0.011	0.177	0.298	0.366	0.407
1151	11.50	0.449	0.515	0.620	0.761	0.913	1.028	1.045	0.911	0.608	0.176
1161	11.60	-0.288	-0.653	-0.797	-0.657	-0.259	0.279	0.791	1.117	1.168	0.956
1171	11.70	0.590	0.222	-0.007	-0.030	0.130	0.380	0.608	0.734	0.742	0.684
1181	11.80	0.638	0.670	0.793	0.964	1.107	1.169	1.063	0.876	0.649	0.462
1191	11.90	0.358	0.334	0.343	0.323	0.232	0.068	-0.124	-0.274	-0.315	-0.215
1201	12.00	0.010	0.308	0.602	0.823	0.925	0.898	0.761	0.555	0.331	0.136
1211	12.10	0.011	-0.022	0.043	0.189	0.381	0.572	0.717	0.781	0.753	0.639
1221	12.20	0.466	0.268	0.082	-0.058	-0.127	-0.108	-0.001	0.172	0.366	0.508
1231	12.30	0.537	0.408	0.126	-0.245	-0.598	-0.816	-0.819	-0.603	-0.250	0.101
1241	12.40	0.306	0.274	0.008	-0.391	-0.769	-0.980	-0.945	-0.687	-0.316	0.016
1251	12.50	0.183	0.126	-0.125	-0.475	-0.805	-1.018	-1.064	-0.943	-0.688	-0.343
1261	12.60	0.051	0.451	0.812	1.077	1.194	1.129	0.895	0.555	0.209	-0.042
1271	12.70	-0.135	-0.075	0.074	0.216	0.278	0.239	0.148	0.095	0.166	0.400
1281	12.80	0.764	1.170	1.507	1.695	1.703	1.559	1.316	1.028	0.723	0.408
1291	12.90	0.088	-0.211	-0.435	-0.522	-0.434	-0.194	0.114	0.363	0.441	0.299
1301	13.00	-0.020	-0.395	-0.683	-0.783	-0.681	-0.453	-0.232	-0.138	-0.226	-0.467
1311	13.10	-0.767	-1.014	-1.136	-1.123	-1.016	-0.880	-0.760	-0.667	-0.585	-0.501
1321	13.20	-0.431	-0.414	-0.504	-0.706	-0.972	-1.197	-1.261	-1.094	-0.722	-0.271
1331	13.30	0.075	0.161	-0.070	-0.539	-1.062	-1.426	-1.489	-1.234	-0.778	-0.305
1341	13.40	0.020	0.131	0.083	0.015	0.066	0.294	0.663	0.961	1.080	0.904
1351	13.50	0.462	-0.091	-0.537	-0.689	-0.472	0.044	0.673	1.187	1.407	1.268
1361	13.60	0.839	0.282	-0.209	-0.480	-0.470	-0.219	0.152	0.495	0.683	0.657
1371	13.70	0.437	0.115	-0.179	-0.329	-0.272	-0.030	0.298	0.565	0.634	0.434
1381	13.80	-0.004	-0.552	-1.027	-1.263	-1.173	-0.793	-0.264	0.220	0.491	0.473
1391	13.90	0.213	-0.147	-0.428	-0.498	-0.320	0.034	0.421	0.694	0.761	0.623
1401	14.00	0.366	0.117	-0.017	0.014	0.183	0.409	0.601	0.696	0.686	0.606
1411	14.10	0.512	0.447	0.418	0.396	0.341	0.226	0.061	-0.111	-0.228	-0.243
1421	14.20	-0.148	0.022	0.203	0.327	0.367	0.333	0.273	0.236	0.249	0.293
1431	14.30	0.316	0.258	0.087	-0.172	-0.445	-0.636	-0.672	-0.538	-0.290	-0.025
1441	14.40	0.160	0.214	0.156	0.060	0.014	0.073	0.225	0.404	0.515	0.497
1451	14.50	0.369	0.136	-0.041	-0.100	-0.017	0.156	0.323	0.393	0.323	0.140
1461	14.60	-0.074	-0.234	-0.299	-0.296	-0.306	-0.423	-0.698	-1.101	-1.532	-1.852
1471	14.70	-1.944	-1.764	-1.351	-0.817	-0.299	0.087	0.277	0.264	0.090	-0.178
1481	14.80	-0.465	-0.695	-0.801	-0.735	-0.486	-0.093	0.350	0.714	0.878	0.779
1491	14.90	0.444	-0.004	-0.394	-0.566	-0.446	-0.076	0.401	0.794	0.947	0.799

Table 7—8—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1101 105-GR-1-18 U-D (U-D) HASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	0.408	-0.088	-0.525	-0.785	-0.837	-0.731	-0.563	-0.424	-0.355	-0.364
1511	15.10	-0.343	-0.304	-0.214	-0.098	-0.006	0.016	-0.041	-0.151	-0.255	-0.301
1521	15.20	-0.264	-0.165	-0.060	-0.016	-0.079	-0.249	-0.477	-0.681	-0.774	-0.697
1531	15.30	-0.446	-0.072	0.328	0.645	0.796	0.748	0.540	0.260	0.023	-0.080
1541	15.40	-0.017	0.173	0.392	0.527	0.500	0.309	0.033	-0.200	-0.267	-0.114
1551	15.50	0.216	0.593	0.853	0.870	0.615	0.172	-0.286	-0.579	-0.587	-0.308
1561	15.60	0.148	0.601	0.885	0.912	0.703	0.374	0.079	-0.062	-0.006	0.199
1571	15.70	0.446	0.623	0.658	0.552	0.361	0.172	0.056	0.046	0.128	0.256
1581	15.80	0.375	0.448	0.460	0.420	0.351	0.279	0.224	0.202	0.218	0.269
1591	15.90	0.338	0.393	0.401	0.339	0.205	0.031	-0.126	-0.205	-0.168	-0.017
1601	16.00	0.196	0.392	0.499	0.477	0.341	0.148	-0.030	-0.138	-0.164	-0.131
1611	16.10	-0.081	-0.048	-0.035	-0.022	0.017	0.083	0.146	0.150	0.049	-0.162
1621	16.20	-0.424	-0.635	-0.695	-0.554	-0.250	0.101	0.353	0.396	0.213	-0.110
1631	16.30	-0.424	-0.586	-0.531	-0.303	-0.029	0.146	0.136	-0.046	-0.282	-0.424
1641	16.40	-0.369	-0.114	0.235	0.514	0.585	0.401	0.039	-0.341	-0.575	-0.572
1651	16.50	-0.359	-0.065	0.142	0.138	-0.098	-0.477	-0.843	-1.045	-1.006	-0.749
1661	16.60	-0.374	-0.014	0.232	0.327	0.302	0.220	0.136	0.071	0.007	-0.095
1671	16.70	-0.259	-0.477	-0.702	-0.869	-0.923	-0.843	-0.654	-0.413	-0.192	-0.068
1681	16.80	-0.002	-0.042	-0.121	-0.183	-0.184	-0.106	0.031	0.182	0.290	0.314
1691	16.90	0.254	0.154	0.093	0.148	0.360	0.693	1.044	1.263	1.223	0.874
1701	17.00	0.285	-0.369	-0.870	-1.035	-0.802	-0.257	0.393	0.903	1.091	0.914
1711	17.10	0.474	-0.026	-0.380	-0.475	-0.328	-0.077	0.103	0.089	-0.128	-0.433
1721	17.20	-0.654	-0.643	-0.358	0.114	0.592	0.893	0.909	0.664	0.293	-0.023
1731	17.30	-0.147	-0.052	0.178	0.392	0.453	0.309	0.017	-0.295	-0.497	-0.526
1741	17.40	-0.421	-0.297	-0.276	-0.412	-0.653	-0.856	-0.856	-0.556	0.015	0.697
1751	17.50	1.267	1.527	1.398	0.953	0.380	-0.099	-0.329	-0.277	-0.037	0.233
1761	17.60	0.393	0.383	0.251	0.106	0.057	0.151	0.352	0.566	0.699	0.717
1771	17.70	0.664	0.637	0.730	0.973	1.302	1.580	1.662	1.460	0.998	0.401
1781	17.80	-0.149	-0.493	-0.560	-0.389	-0.104	0.144	0.245	0.171	-0.021	-0.225
1791	17.90	-0.338	-0.303	-0.128	0.129	0.386	0.571	0.643	0.596	0.447	0.230
1801	18.00	-0.020	-0.242	-0.450	-0.534	-0.474	-0.269	0.122	0.580	1.029	1.365
1811	18.10	1.496	1.377	1.016	0.481	-0.121	-0.664	-1.043	-1.187	-1.085	-0.787
1821	18.20	-0.385	0.002	0.268	0.343	0.218	-0.061	-0.407	-0.723	-0.933	-1.008
1831	18.30	-0.966	-0.860	-0.759	-0.716	-0.756	-0.872	-1.037	-1.213	-1.366	-1.470
1841	18.40	-1.509	-1.473	-1.361	-1.182	-0.966	-0.756	-0.618	-0.596	-0.717	-0.961
1851	18.50	-1.263	-1.527	-1.659	-1.596	-1.332	-0.926	-0.482	-0.112	0.094	0.105
1861	18.60	-0.047	-0.283	-0.505	-0.637	-0.647	-0.558	-0.429	-0.329	-0.303	-0.353
1871	18.70	-0.436	-0.486	-0.442	-0.281	-0.033	0.227	0.408	0.438	0.297	0.028
1881	18.80	-0.277	-0.508	-0.584	-0.476	-0.220	0.101	0.394	0.587	0.657	0.626
1891	18.90	0.548	0.472	0.426	0.400	0.363	0.281	0.161	-0.034	-0.196	-0.291
1901	19.00	-0.281	-0.168	0.010	0.192	0.320	0.365	0.331	0.257	0.196	0.189
1911	19.10	0.254	0.381	0.538	0.688	0.800	0.858	0.856	0.798	0.692	0.548
1921	19.20	0.382	0.220	0.091	0.021	0.021	0.078	0.166	0.242	0.290	0.310
1931	19.30	0.422	0.375	0.472	0.601	0.707	0.724	0.605	0.360	0.066	-0.155
1941	19.40	-0.183	0.040	0.478	0.997	1.414	1.569	1.391	0.936	0.354	-0.169
1951	19.50	-0.415	-0.385	-0.120	0.227	0.483	0.525	0.324	-0.048	-0.458	-0.769
1961	19.60	-0.893	-0.814	-0.588	-0.313	-0.086	0.023	-0.013	-0.171	-0.400	-0.630
1971	19.70	-0.794	-0.868	-0.780	-0.622	-0.439	-0.310	-0.295	-0.407	-0.600	-0.775
1981	19.80	-0.825	-0.674	-0.320	0.162	0.643	0.989	1.120	1.032	0.794	0.509
1991	19.90	0.264	0.095	-0.017	-0.119	-0.245	-0.389	-0.505	-0.534	-0.446	-0.265

Table 7—8—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1101 105-GR-1-18 U-D (U-D) MASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-0.064	0.067	0.072	-0.038	-0.187	-0.268	-0.203	0.013	0.305	0.546
2011	20.10	0.623	0.486	0.178	-0.187	-0.477	-0.603	-0.548	-0.370	-0.169	0.007
2021	20.20	0.102	0.165	0.178	0.230	0.298	0.368	0.349	0.298	0.234	0.217
2031	20.30	0.297	0.472	0.680	0.823	0.819	0.667	0.371	0.118	0.011	0.115
2041	20.40	0.392	0.717	0.939	0.950	0.765	0.422	0.137	0.025	0.133	0.392
2051	20.50	0.655	0.768	0.648	0.324	-0.072	-0.371	-0.437	-0.234	0.166	0.609
2061	20.60	0.940	1.052	0.926	0.618	0.232	-0.131	-0.397	-0.532	-0.526	-0.383
2071	20.70	-0.116	0.250	0.658	1.026	1.262	1.295	1.111	0.768	0.378	0.062
2081	20.80	-0.100	-0.109	-0.042	-0.014	-0.115	-0.365	-0.690	-0.958	-1.039	-0.869
2091	20.90	-0.488	-0.026	0.349	0.508	0.413	0.134	-0.185	-0.396	-0.406	-0.216
2101	21.00	0.087	0.377	0.561	0.531	0.366	0.118	-0.132	-0.325	-0.444	-0.502
2111	21.10	-0.519	-0.504	-0.448	-0.336	-0.165	0.031	0.194	0.261	0.191	-0.008
2121	21.20	-0.276	-0.531	-0.685	-0.697	-0.582	-0.404	-0.246	-0.175	-0.213	-0.336
2131	21.30	-0.484	-0.595	-0.630	-0.585	-0.486	-0.376	-0.281	-0.217	-0.170	-0.118
2141	21.40	-0.045	0.048	0.143	0.213	0.238	0.218	0.170	0.124	0.107	0.127
2151	21.50	0.172	0.212	0.267	0.177	0.107	0.046	0.042	0.119	0.265	0.423
2161	21.60	0.509	0.444	0.196	-0.213	-0.683	-1.084	-1.298	-1.264	-1.001	-0.604
2171	21.70	-0.209	0.064	0.149	0.058	-0.136	-0.326	-0.435	-0.429	-0.324	-0.171
2181	21.80	-0.022	0.097	0.187	0.265	0.343	0.408	0.430	0.378	0.252	0.095
2191	21.90	-0.011	0.027	0.266	0.693	1.217	1.690	1.960	1.925	1.571	0.976
2201	22.00	0.286	-0.355	-0.755	-0.909	-0.812	-0.536	-0.199	0.089	0.236	0.191
2211	22.10	-0.066	-0.429	-0.877	-1.288	-1.571	-1.668	-1.571	-1.327	-1.020	-0.740
2221	22.20	-0.555	-0.487	-0.510	-0.571	-0.615	-0.614	-0.572	-0.522	-0.503	-0.536
2231	22.30	-0.615	-0.706	-0.768	-0.768	-0.698	-0.577	-0.438	-0.317	-0.240	-0.217
2241	22.40	-0.249	-0.328	-0.467	-0.589	-0.737	-0.862	-0.941	-0.955	-0.908	-0.820
2251	22.50	-0.722	-0.662	-0.587	-0.544	-0.486	-0.392	-0.263	-0.126	-0.026	0.002
2261	22.60	-0.050	-0.148	-0.230	-0.235	-0.135	0.045	0.237	0.358	0.351	0.218
2271	22.70	0.023	-0.135	-0.168	-0.045	0.191	0.434	0.563	0.497	0.234	-0.144
2281	22.80	-0.497	-0.692	-0.648	-0.376	0.031	0.433	0.701	0.763	0.632	0.386
2291	22.90	0.138	-0.018	-0.041	0.042	0.156	0.213	0.158	-0.009	-0.227	-0.398
2301	23.00	-0.433	-0.287	0.015	0.389	0.716	0.896	0.880	0.694	0.420	0.163
2311	23.10	0.010	-0.009	0.078	0.205	0.302	0.332	0.307	0.274	0.289	0.380
2321	23.20	0.533	0.695	0.802	0.813	0.737	0.624	0.547	0.561	0.679	0.864
2331	23.30	1.046	1.164	1.188	1.134	1.052	0.988	0.963	0.957	0.919	0.805
2341	23.40	0.602	0.346	0.107	-0.047	-0.081	-0.015	0.079	0.129	0.085	-0.038
2351	23.50	-0.170	-0.217	-0.108	0.161	0.516	0.830	0.972	0.864	0.512	0.007
2361	23.60	-0.511	-0.907	-1.098	-1.082	-0.927	-0.741	-0.625	-0.639	-0.785	-1.007
2371	23.70	-1.223	-1.352	-1.342	-1.183	-0.915	-0.602	-0.321	-0.128	-0.043	-0.045
2381	23.80	-0.078	-0.077	0.007	0.185	0.419	0.643	0.782	0.792	0.680	0.506
2391	23.90	0.384	0.341	0.486	0.785	1.166	1.526	1.769	1.838	1.737	1.520
2401	24.00	1.270	1.075	0.981	1.009	1.129	1.283	1.405	1.441	1.361	1.176
2411	24.10	0.931	0.695	0.539	0.507	0.603	0.775	0.939	1.008	0.931	0.716
2421	24.20	0.434	0.190	0.070	0.103	0.242	0.381	0.404	0.246	-0.072	-0.446
2431	24.30	-0.737	-0.829	-0.696	-0.408	-0.106	0.073	0.058	-0.112	-0.308	-0.376
2441	24.40	-0.212	0.177	0.668	1.073	1.226	1.061	0.641	0.142	-0.231	-0.331
2451	24.50	-0.132	0.261	0.664	0.891	0.842	0.535	0.097	-0.295	-0.491	-0.429
2461	24.60	-0.155	0.203	0.493	0.594	0.466	0.146	-0.259	-0.632	-0.882	-0.969
2471	24.70	-0.916	-0.784	-0.650	-0.525	-0.590	-0.689	-0.837	-0.986	-1.094	-1.133
2481	24.80	-1.096	-0.994	-0.847	-0.683	-0.526	-0.395	-0.304	-0.258	-0.249	-0.260
2491	24.90	-0.262	-0.225	-0.128	0.025	0.199	0.331	0.353	0.211	-0.097	-0.517

Table 7—8—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1101 105-GR-1-18 U-D (U-D) MASAKI BRIDGE MAX. ACC. = 6.525 (GAL) T= 0.35 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-0.945	-1.265	-1.383	-1.274	-0.991	-0.647	-0.374	-0.270	-0.363	-0.601
2511	25.10	-0.883	-1.100	-1.189	-1.150	-1.045	-0.961	-0.966	-1.073	-1.234	-1.367
2521	25.20	-1.393	-1.276	-1.040	-0.761	-0.528	-0.407	-0.413	-0.507	-0.615	-0.667
2531	25.30	-0.626	-0.503	-0.367	-0.226	-0.195	-0.273	-0.441	-0.650	-0.839	-0.960
2541	25.40	-0.985	-0.918	-0.788	-0.640	-0.526	-0.490	-0.558	-0.722	-0.944	-1.155
2551	25.50	-1.275	-1.242	-1.034	-0.682	-0.288	0.052	0.240	0.233	0.063	-0.175
2561	25.60	-0.362	-0.400	-0.253	0.036	0.370	0.635	0.750	0.702	0.547	0.379
2571	25.70	0.291	0.326	0.464	0.633	0.738	0.707	0.520	0.213	-0.137	-0.445
2581	25.80	-0.646	-0.714	-0.665	-0.537	-0.380	-0.236	-0.135	-0.092	-0.112	-0.183
2591	25.90	-0.283	-0.379	-0.433	-0.419	-0.338	-0.221	-0.128	-0.117	-0.227	-0.447
2601	26.00	-0.717	-0.945	-1.041	-0.955	-0.701	-0.369	-0.003	0.242	0.333	0.280
2611	26.10	0.137	-0.025	-0.152	-0.231	-0.289	-0.369	-0.502	-0.679	-0.848	-0.932
2621	26.20	-0.861	-0.606	-0.178	0.285	0.736	1.063	1.218	1.209	1.091	0.936
2631	26.30	0.806	0.727	0.689	0.656	0.593	0.486	0.348	0.215	0.123	0.091
2641	26.40	0.109	0.147	0.171	0.163	0.138	0.132	0.188	0.326	0.526	0.731
2651	26.50	0.849	0.882	0.782	0.605	0.445	0.386	0.471	0.677	0.922	1.105
2661	26.60	1.154	1.057	0.874	0.702	0.633	0.708	0.900	1.127	1.298	1.355
2671	26.70	1.301	1.194	1.108	1.097	1.158	1.241	1.275	1.210	1.055	0.872
2681	26.80	0.751	0.763	0.921	1.168	1.405	1.531	1.497	1.325	1.093	0.903
2691	26.90	0.828	0.883	1.025	1.177	1.268	1.265	1.183	1.065	0.959	0.891
2701	27.00	0.857	0.836	0.809	0.779	0.770	0.815	0.929	1.094	1.259	1.361
2711	27.10	1.349	1.217	1.002	0.773	0.601	0.527	0.544	0.609	0.663	0.659
2721	27.20	0.587	0.469	0.350	0.270	0.243	0.254	0.266	0.246	0.178	0.072
2731	27.30	-0.041	-0.126	-0.167	-0.169	-0.157	-0.161	-0.199	-0.266	-0.338	-0.386
2741	27.40	-0.390	-0.354	-0.303	-0.271	-0.285	-0.347	-0.432	-0.502	-0.523	-0.486
2751	27.50	-0.412	-0.367	-0.336	-0.509	-0.554	-0.729	-0.871	-0.922	-0.858	-0.694
2761	27.60	-0.483	-0.287	-0.167	-0.153	-0.239	-0.391	-0.566	-0.724	-0.840	-0.904
2771	27.70	-0.919	-0.893	-0.832	-0.746	-0.643	-0.537	-0.445	-0.381	-0.353	-0.356
2781	27.80	-0.379	-0.407	-0.425	-0.428	-0.415	-0.387	-0.345	-0.289	-0.216	-0.132
2791	27.90	-0.055	-0.012	-0.034	-0.143	-0.342	-0.607	-0.890	-1.133	-1.282	-1.307
2801	28.00	-1.210	-1.024	-0.806	-0.616	-0.505	-0.499	-0.590	-0.738	-0.885	-0.973
2811	28.10	-0.961	-0.847	-0.674	-0.516	-0.460	-0.571	-0.859	-1.271	-1.696	-1.999
2821	28.20	-2.067	-1.854	-1.604	-0.862	-0.339	-0.052	-0.071	-0.386	-0.888	-1.413
2831	28.30	-1.796	-1.932	-1.814	-1.532	-1.235	-1.074	-1.145	-1.452	-1.904	-2.354
2841	28.40	-2.637	-2.729	-2.574	-2.282	-1.970	-1.821	-1.836	-2.013	-2.262	-2.472
2851	28.50	-2.571	-2.555	-2.492	-2.484	-2.605	-2.852	-3.126	-3.263	-3.097	-2.535
2861	28.60	-1.603	-0.451	0.699							

Table 7—9—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) T= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	9.079	10.533	8.356	2.942	-3.995	-10.027	-12.931	-11.550	-6.231	1.332
11	0.10	8.774	13.955	15.711	14.155	10.465	6.164	2.616	0.564	-0.817	-1.569
21	0.20	-2.415	-3.335	-3.703	-2.643	0.385	5.073	10.125	13.637	13.883	10.156
31	0.30	3.290	-4.461	-10.176	-11.401	-7.182	1.444	11.737	20.226	23.982	21.675
41	0.40	14.015	3.432	-6.825	-13.796	-15.706	-12.372	-5.079	3.927	12.107	17.250
51	0.50	17.969	13.913	6.093	-3.429	-11.858	-16.424	-15.310	-8.462	2.092	12.693
61	0.60	19.244	18.791	10.844	-2.174	-15.662	-24.555	-25.370	-17.676	-4.359	9.538
71	0.70	18.855	20.425	14.284	3.491	-7.325	-14.002	-14.539	-9.718	-2.457	3.703
81	0.80	6.227	4.570	0.142	-4.611	-7.476	-7.643	-4.971	-1.507	1.373	2.736
91	0.90	2.595	1.676	0.863	0.672	1.038	1.475	1.450	0.717	-0.570	-2.118
101	1.00	-3.573	-4.904	-6.256	-7.736	-9.157	-9.951	-9.371	-6.892	-2.604	2.639
111	1.10	7.437	10.369	10.573	8.130	4.048	-0.167	-3.009	-3.707	-2.257	0.602
121	1.20	3.798	6.363	7.734	7.806	6.797	5.039	2.866	0.505	-1.638	-3.113
131	1.30	-3.379	-2.018	0.995	5.104	9.184	11.826	13.815	8.633	2.773	-4.305
141	1.40	-10.595	-14.222	-14.139	-10.560	-4.934	0.552	3.796	3.604	0.190	-4.876
151	1.50	-9.278	-10.905	-8.750	-3.382	3.229	8.492	10.260	7.742	1.851	-5.151
161	1.60	-10.580	-12.420	-10.105	-4.685	1.697	6.735	8.885	7.874	4.623	0.669
171	1.70	-2.587	-4.432	-4.971	-4.817	-4.591	-4.507	-4.289	-3.433	-1.642	0.843
181	1.80	3.225	4.485	3.897	1.458	-2.021	-5.224	-6.903	-6.455	-4.200	-1.235
191	1.90	1.074	1.723	0.530	-1.798	-3.946	-4.670	-3.261	0.098	4.407	8.255
201	2.00	10.364	10.064	7.526	3.671	-0.173	-2.739	-3.252	-1.687	1.221	4.219
211	2.10	5.952	5.443	2.468	-2.500	-7.467	-11.382	-12.741	-11.098	-7.083	-2.175
221	2.20	1.881	3.797	3.291	1.180	-1.022	-1.854	-0.648	2.116	5.051	6.477
231	2.30	5.489	2.318	-1.607	-4.370	-4.551	-2.030	1.852	4.907	5.213	2.184
241	2.40	-2.995	-7.829	-9.714	-7.297	-1.293	5.709	10.421	10.470	5.655	-1.813
251	2.50	-8.281	-10.387	-6.742	1.313	10.250	16.004	15.916	10.032	1.100	-6.737
261	2.60	-9.926	-7.188	-0.081	7.807	12.633	12.142	6.681	-1.085	-7.563	-10.002
271	2.70	-7.757	-2.450	2.988	5.851	4.968	1.158	-3.351	-6.163	-5.941	-3.002
281	2.80	0.983	3.950	4.540	2.741	-0.211	-2.568	-3.033	-1.319	1.598	4.198
291	2.90	5.117	3.814	0.780	-2.754	-5.411	-6.249	-5.097	-2.515	0.500	2.921
301	3.00	4.024	3.562	1.792	-0.632	-2.835	-3.965	-3.476	-1.373	1.687	4.533
311	3.10	5.884	4.895	1.611	-2.912	-6.944	-8.783	-7.527	-5.566	1.606	5.834
321	3.20	7.431	5.840	1.896	-2.593	-5.707	-6.293	-4.441	-1.323	1.481	2.807
331	3.30	2.442	1.115	-0.026	-0.132	0.841	2.125	2.612	1.540	-1.009	-4.087
341	3.40	-6.357	-6.814	-5.351	-2.846	-0.704	-0.682	-1.215	-3.199	-4.397	-3.269
351	3.50	0.755	6.819	12.847	16.363	15.566	10.187	1.731	-7.039	-13.151	-14.599
361	3.60	-11.131	-4.337	3.002	8.045	9.020	5.907	0.389	-4.890	-7.462	-6.072
371	3.70	-1.196	5.191	10.476	12.548	10.702	5.924	0.436	-3.307	-3.702	-0.693
381	3.80	4.227	8.700	10.542	8.660	3.448	-3.483	-10.050	-14.557	-16.239	-15.318
391	3.90	-12.597	-8.930	-4.646	-0.554	3.761	7.604	10.070	10.145	7.265	1.834
401	4.00	-4.646	-10.008	-12.268	-10.526	-5.457	0.885	5.893	7.523	5.169	-0.076
411	4.10	-6.016	-10.147	-10.863	-7.955	-2.570	3.403	8.152	10.594	10.586	8.715
421	4.20	5.847	2.728	-0.184	-2.652	-4.504	-5.493	-5.606	-4.229	-2.258	-0.271
431	4.30	1.111	1.376	0.590	-0.632	-1.395	-0.960	0.878	3.658	6.442	8.209
441	4.40	8.276	6.526	3.377	-0.444	-4.180	-7.227	-9.167	-9.717	-8.761	-6.130
451	4.50	-2.343	1.892	5.475	7.301	6.713	3.875	-0.182	-3.896	-5.818	-5.247
461	4.60	-2.554	0.986	3.786	4.683	3.461	0.880	-1.768	-3.338	-3.387	-2.304
471	4.70	-0.974	-0.181	-0.117	-0.287	0.132	1.672	4.085	6.304	6.926	4.995
481	4.80	0.659	-4.689	-8.932	-10.202	-7.818	-2.713	2.924	6.645	6.925	3.923
491	4.90	-0.555	-3.918	-4.063	-0.451	5.554	11.264	13.895	11.884	5.655	-2.509

Table 7—9—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) T= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-9.443	-12.660	-10.488	-4.486	3.028	9.081	11.476	9.635	4.702	-1.044
511	5.10	-5.195	-6.176	-3.776	0.881	5.906	9.421	10.250	8.285	4.417	0.116
521	5.20	-3.147	-4.427	-3.604	-1.343	1.213	2.934	3.154	1.923	-0.051	-1.755
531	5.30	-2.350	-1.595	0.037	1.581	2.079	1.107	-0.945	-3.000	-3.808	-2.603
541	5.40	0.427	4.118	6.824	7.192	4.855	0.669	-3.648	-6.330	-6.418	-4.242
551	5.50	-1.244	0.769	0.572	-1.818	-5.121	-7.453	-7.308	-4.392	0.170	4.364
561	5.60	6.196	4.801	0.808	-3.984	-7.466	-8.258	-6.342	-2.996	-0.076	0.959
571	5.70	-0.223	-2.720	-4.920	-5.328	-3.560	-0.090	3.604	6.028	6.340	4.681
581	5.80	1.999	-0.505	-1.984	-2.268	-1.806	-1.281	-1.184	-1.576	-2.151	-2.506
591	5.90	-2.425	-1.983	-1.428	-0.952	-0.518	0.098	1.095	2.391	3.544	3.925
601	6.00	3.099	1.160	-1.179	-2.879	-3.108	-1.738	0.498	2.336	2.650	1.122
611	6.10	-1.481	-3.617	-3.766	-1.301	3.033	7.332	9.389	7.795	2.720	-4.042
621	6.20	-9.821	-12.281	-10.494	-5.358	0.842	5.518	6.952	5.015	1.078	-2.774
631	6.30	-4.802	-4.409	-2.282	0.126	1.466	1.215	-0.102	-1.302	-1.281	0.316
641	6.40	2.857	5.045	5.607	3.988	0.679	-2.996	-5.496	-5.789	-3.812	-0.458
651	6.50	2.862	4.864	4.916	3.216	0.594	-1.935	-3.614	-4.180	-3.840	-3.027
661	6.60	-2.129	-1.316	-0.541	0.320	1.305	2.276	2.972	3.140	2.697	1.804
671	6.70	0.821	0.162	0.114	0.702	1.672	2.588	3.006	2.657	1.557	0.002
681	6.80	-1.545	-2.639	-3.021	-2.699	-1.918	-1.014	-0.245	0.336	0.862	1.537
691	6.90	2.432	3.352	3.851	3.432	1.837	-0.713	-3.484	-5.471	-5.839	-4.352
701	7.00	-1.580	1.277	2.901	2.487	0.188	-2.881	-5.103	-5.116	-2.500	1.953
711	7.10	6.529	9.348	9.215	6.179	1.517	-2.849	-5.226	-4.885	-2.332	1.008
721	7.20	3.510	4.095	2.658	-0.001	-2.663	-4.305	-4.530	-3.617	-2.225	-0.964
731	7.30	-0.087	0.542	1.227	2.131	3.098	3.717	3.579	2.560	0.959	-0.721
741	7.40	-1.876	-2.292	-2.149	-1.894	-1.938	-2.377	-2.935	-3.150	-2.710	-1.702
751	7.50	-0.615	-0.048	-0.309	-1.125	-1.704	-1.139	1.027	4.398	7.752	9.544
761	7.60	8.655	5.032	-0.157	-4.969	-7.535	-6.927	-3.592	0.868	4.459	5.731
771	7.70	4.419	1.481	-1.466	-2.998	-2.583	-0.766	1.209	2.329	1.481	-0.309
781	7.80	-2.150	-2.932	-2.159	-0.219	1.828	2.855	2.294	0.484	-1.582	-2.616
791	7.90	-1.885	0.472	3.468	5.745	6.225	4.619	1.551	-1.761	-4.077	-4.677
801	8.00	-3.622	-1.654	0.266	1.320	1.250	0.336	-0.821	-1.665	-1.850	-1.535
811	8.10	-1.065	-0.836	-1.061	-1.658	-2.301	-2.577	-2.174	-1.014	0.717	2.632
821	8.20	4.272	5.248	5.337	4.532	3.032	1.179	-0.623	-1.998	-2.683	-2.580
831	8.30	-1.783	-0.558	0.716	1.630	1.862	1.280	0.009	-1.568	-2.898	-3.432
841	8.40	-2.829	-1.127	1.213	3.416	4.670	4.440	2.723	0.104	-2.440	-3.908
851	8.50	-3.694	-1.848	0.920	3.532	4.980	4.746	2.995	0.475	-1.821	-3.080
861	8.60	-2.979	-1.753	-0.024	1.565	2.337	2.320	1.602	0.474	-0.794	-2.031
871	8.70	-3.142	-4.026	-4.535	-4.501	-3.840	-2.657	-1.261	-0.065	0.592	0.614
881	8.80	0.198	-0.267	-0.410	-0.081	0.562	1.136	1.246	0.709	-0.335	-1.487
891	8.90	-2.293	-2.470	-2.041	-1.299	-0.629	-0.297	-0.319	-0.484	-0.497	-0.169
901	9.00	0.480	1.240	1.847	2.132	2.102	1.901	1.685	1.498	1.236	0.731
911	9.10	-0.108	-1.582	-2.197	-2.795	-2.744	-2.077	-1.093	-0.208	0.260	0.253
921	9.20	-0.019	-0.236	-0.186	0.073	0.232	-0.075	-1.007	-2.337	-3.493	-3.808
931	9.30	-2.876	-0.815	1.720	3.802	4.664	4.069	2.444	0.670	-0.352	-0.150
941	9.40	1.073	2.546	3.318	2.756	0.874	-1.666	-3.773	-4.617	-3.849	-1.842
951	9.50	0.488	2.184	2.632	1.859	0.468	-0.683	-0.915	-0.050	1.519	3.035
961	9.60	3.745	3.258	1.720	-0.267	-1.918	-2.608	-2.123	-0.717	1.033	2.682
971	9.70	3.180	3.011	2.177	1.066	0.063	-0.585	-0.813	-0.704	-0.392	0.007
981	9.80	0.411	0.751	0.939	0.879	0.512	-0.102	-0.751	-1.120	-0.926	-0.093
991	9.90	1.132	2.215	2.533	1.674	-0.305	-2.794	-4.823	-5.459	-4.249	-1.496

Table 7—9—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) T= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.789	4.277	4.508	3.381	0.342	-2.871	-4.812	-4.592	-2.298	1.032
1011	10.10	3.874	4.927	3.211	0.787	-2.520	-4.742	-4.949	-3.162	-0.298	2.292
1021	10.20	3.473	2.860	0.859	-1.613	-2.864	-2.850	-1.461	0.588	2.345	3.084
1031	10.30	2.613	1.299	-0.177	-1.171	-1.368	-0.867	-0.062	0.603	0.841	0.626
1041	10.40	0.131	-0.411	-0.838	-1.114	-1.292	-1.425	-1.504	-1.453	-1.183	-0.671
1051	10.50	0.006	0.692	1.227	1.511	1.541	1.374	1.074	0.668	0.155	-0.446
1061	10.60	-1.017	-1.343	-1.170	-0.550	1.035	2.611	3.800	4.025	2.970	0.761
1071	10.70	-2.011	-4.467	-5.755	-5.380	-3.416	-0.496	2.404	4.324	4.665	3.398
1081	10.80	1.051	-1.503	-3.382	-4.007	-3.290	-1.615	0.343	1.897	2.608	2.414
1091	10.90	1.598	0.626	-0.080	-0.319	-0.167	0.101	0.166	-0.154	-0.825	-1.614
1101	11.00	-2.222	-2.435	-2.227	-1.767	-1.311	-1.069	-1.091	-1.252	-1.340	-1.185
1111	11.10	-0.769	-0.241	0.161	0.251	0.008	-0.391	-0.658	-0.537	0.049	0.950
1121	11.20	1.838	2.351	2.245	1.481	0.218	-1.277	-2.734	-3.956	-4.818	-5.232
1131	11.30	-5.105	-4.357	-2.988	-1.159	0.784	2.381	3.221	3.131	2.279	1.133
1141	11.40	0.269	0.115	0.745	1.842	2.852	3.262	2.851	1.812	0.645	-0.094
1151	11.50	-0.087	0.589	1.497	2.067	1.896	0.944	-0.435	-1.691	-2.351	-2.251
1161	11.60	-1.591	-0.805	-0.302	-0.245	-0.665	-0.575	-0.205	0.767	2.118	3.367
1171	11.70	4.008	3.758	2.703	1.253	-0.052	-0.794	-0.868	-0.404	0.169	0.521
1181	11.80	0.491	0.141	-0.325	-0.708	-0.926	-1.053	-1.133	-1.255	-1.285	-1.005
1191	11.90	-0.228	1.034	2.490	3.631	3.939	3.140	1.384	-0.757	-2.493	-3.142
1201	12.00	-2.435	-0.653	1.473	3.059	3.441	2.452	0.485	-1.685	-3.231	-3.612
1211	12.10	-2.774	-1.135	0.620	1.835	2.137	1.539	0.376	-0.875	-1.801	-2.189
1221	12.20	-2.046	-1.527	-0.818	-0.055	0.697	1.403	2.006	2.400	2.462	2.124
1231	12.30	1.437	0.586	-0.165	-0.576	-0.540	-0.131	0.423	0.850	0.949	0.679
1241	12.40	0.157	-0.405	-0.813	-0.971	-0.900	-0.692	-0.437	-0.163	0.159	0.566
1251	12.50	1.034	1.449	1.652	1.528	1.108	0.592	0.273	0.390	0.963	1.737
1261	12.60	2.263	2.131	1.174	-0.348	-1.828	-2.558	-2.080	-0.451	1.719	3.503
1271	12.70	4.079	3.133	1.049	-1.242	-2.681	-2.597	-1.053	1.171	2.921	3.251
1281	12.80	1.890	-0.590	-3.031	-4.241	-3.574	-1.262	1.674	3.897	4.380	2.883
1291	12.90	0.054	-2.889	-4.734	-4.823	-3.317	-1.063	0.844	1.586	0.965	-0.569
1301	13.00	-2.206	-3.194	-3.182	-2.327	-1.136	-0.176	0.209	0.003	-0.546	-1.130
1311	13.10	-1.551	-1.795	-1.967	-2.162	-2.366	-2.458	-2.315	-1.922	-1.438	-1.116
1321	13.20	-1.150	-1.525	-1.976	-2.097	-1.561	-0.327	1.282	2.692	3.362	2.965
1331	13.30	1.733	0.190	-1.006	-1.403	-0.973	-0.117	0.544	0.495	-0.407	-1.855
1341	13.40	-3.233	-3.909	-3.530	-2.178	-0.328	1.374	2.382	2.454	1.714	0.555
1351	13.50	-0.551	-1.227	-1.307	-0.845	-0.048	0.814	1.496	1.838	1.790	1.419
1361	13.60	0.893	0.432	0.238	0.410	0.895	1.484	1.890	1.867	1.332	0.413
1371	13.70	-0.596	-1.353	-1.626	-1.382	-0.790	-0.120	0.587	0.628	0.653	0.596
1381	13.80	0.567	0.569	0.511	0.277	-0.159	-0.678	-1.047	-1.033	-0.544	0.288
1391	13.90	1.146	1.657	1.571	0.890	-0.124	-1.057	-1.524	-1.331	-0.535	0.593
1401	14.00	1.699	2.479	2.766	2.535	1.880	0.935	-0.128	-1.116	-1.821	-2.069
1411	14.10	-1.691	-0.795	0.411	1.568	2.313	2.428	1.934	1.076	0.201	-0.406
1421	14.20	-0.663	-0.605	-0.472	-0.362	-0.228	0.119	0.668	2.024	3.307	4.215
1431	14.30	4.252	3.209	1.356	-0.602	-1.793	-1.582	0.089	2.613	4.927	5.965
1441	14.40	5.135	2.602	-0.754	-3.700	-5.160	-4.649	-2.447	0.556	3.241	4.696
1451	14.50	4.522	2.899	0.433	-2.115	-4.082	-5.050	-4.880	-3.667	-1.689	0.638
1461	14.60	2.796	4.233	4.517	3.478	1.340	-1.289	-3.587	-4.808	-4.581	-3.072
1471	14.70	-0.935	0.954	1.860	1.400	0.096	-1.461	-3.024	-3.977	-2.944	-1.787
1481	14.80	-0.593	0.107	0.072	-0.580	-1.478	-2.204	-2.491	-2.317	-1.863	-1.381
1491	14.90	-1.060	-0.948	-0.974	-1.038	-1.086	-1.141	-1.254	-1.428	-1.559	-1.462

Table 7—9—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) T= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.966	-0.037	1.139	2.194	2.707	2.405	1.310	-0.231	-1.666	-2.467
1511	15.10	-2.348	-1.396	-0.020	1.231	1.912	1.866	1.264	0.484	-0.088	-0.239
1521	15.20	-0.023	0.334	0.585	0.622	0.533	0.532	0.788	1.274	1.724	1.753
1531	15.30	1.074	-0.288	-1.924	-3.176	-3.436	-2.452	-0.527	1.581	2.969	3.011
1541	15.40	1.281	-0.605	-2.242	-2.909	-2.011	0.117	2.565	4.183	4.289	2.813
1551	15.50	0.411	-1.886	-3.172	-3.090	-1.969	-0.607	0.172	-0.043	-1.039	-2.112
1561	15.60	-2.465	-1.660	0.119	2.124	3.410	3.313	1.795	-0.516	-2.617	-3.600
1571	15.70	-3.076	-1.337	0.805	2.414	2.861	2.077	0.529	-1.057	-2.049	-2.182
1581	15.80	-1.607	-0.743	-0.020	0.338	0.371	0.297	0.330	0.544	0.833	1.008
1591	15.90	0.929	0.613	0.233	0.018	0.120	0.527	1.073	1.531	1.742	1.686
1601	16.00	1.471	1.242	1.081	0.964	0.794	0.501	0.117	-0.203	-0.268	0.022
1611	16.10	0.584	1.158	1.624	1.180	0.480	-0.362	-0.914	-0.845	-0.113	0.988
1621	16.20	1.966	2.367	2.026	1.145	0.195	-0.339	-0.222	0.397	1.058	1.248
1631	16.30	0.690	-0.477	-1.742	-2.474	-2.255	-1.121	0.426	1.647	1.929	1.095
1641	16.40	-0.697	-2.119	-3.021	-2.797	-1.575	0.052	1.325	1.680	1.009	-0.312
1651	16.50	-1.660	-2.390	-2.316	-1.604	-0.740	-0.236	-0.360	-1.015	-1.812	-2.294
1661	16.60	-2.190	-1.549	-0.705	-0.081	0.047	-0.297	-0.805	-1.052	-0.738	0.136
1671	16.70	1.240	2.069	2.181	1.426	0.038	-1.453	-2.449	-2.545	-1.698	-0.240
1681	16.80	1.272	2.298	2.536	2.021	1.079	0.162	-0.352	-0.302	0.223	0.961
1691	16.90	1.616	1.982	2.004	1.752	1.367	0.884	0.389	-0.150	-0.733	-1.290
1701	17.00	-1.682	-1.753	-1.413	-0.715	0.145	0.893	1.293	1.260	0.900	0.463
1711	17.10	0.216	0.296	0.653	1.049	1.196	0.906	0.214	-0.624	-1.233	-1.303
1721	17.20	-0.749	0.242	1.281	1.964	2.056	1.596	0.870	0.281	0.059	0.327
1731	17.30	0.889	1.439	1.710	1.607	1.234	0.809	0.518	0.402	0.342	0.152
1741	17.40	-0.273	-0.854	-1.331	-1.397	-0.880	0.121	1.236	1.982	1.999	1.251
1751	17.50	0.073	-0.979	-1.397	-0.987	0.020	1.070	1.567	1.187	0.060	-1.277
1761	17.60	-2.141	-2.059	-1.026	0.470	1.670	1.919	0.999	-0.742	-2.542	-3.581
1771	17.70	-3.369	-1.978	-0.004	1.716	2.496	2.131	0.874	-0.543	-1.439	-1.416
1781	17.80	-0.540	0.725	1.771	2.137	1.715	0.762	-0.261	-0.923	-1.027	-0.665
1791	17.90	-0.122	0.277	0.356	0.149	-0.141	-0.271	-0.091	0.378	0.965	1.632
1801	18.00	1.587	1.359	0.803	0.066	-0.684	-1.311	-1.722	-1.868	-1.726	-1.305
1811	18.10	-0.663	0.076	0.716	1.049	0.908	0.266	-0.743	-1.822	-2.623	-2.859
1821	18.20	-2.420	-1.424	-0.180	0.917	1.534	1.518	0.961	0.087	-0.768	-1.289
1831	18.30	-1.390	-1.164	-0.844	-0.690	-0.860	-1.360	-1.953	-2.443	-2.603	-2.378
1841	18.40	-1.887	-1.363	-1.030	-0.979	-1.121	-1.237	-1.112	-0.672	-0.064	0.388
1851	18.50	0.342	-0.365	-1.591	-2.892	-3.696	-3.562	-2.609	-0.592	1.221	2.533
1861	18.60	2.336	1.296	-0.258	-1.584	-2.062	-1.483	-0.142	1.338	2.208	2.130
1871	18.70	1.147	-0.260	-1.444	-1.902	-1.504	-0.529	0.507	1.125	1.109	0.592
1881	18.80	-0.056	-0.442	-0.368	0.080	0.602	0.863	0.657	0.151	-0.465	-0.837
1891	18.90	-0.775	-0.319	0.285	0.730	0.804	0.498	-0.006	-0.444	-0.616	-0.488
1901	19.00	-0.187	0.075	0.127	-0.070	-0.418	-0.761	-0.878	-0.762	-0.431	0.014
1911	19.10	0.466	0.858	1.159	1.347	1.377	1.188	0.748	0.112	-0.553	-1.008
1921	19.20	-1.037	-0.556	0.320	1.299	2.028	2.246	1.904	1.182	0.407	-0.111
1931	19.30	-0.220	0.016	0.370	0.584	0.516	0.213	-0.125	-0.260	-0.059	0.427
1941	19.40	0.982	1.363	1.336	0.976	0.462	0.076	0.037	0.391	0.980	1.520
1951	19.50	1.740	1.509	0.894	0.129	-0.500	-0.782	-0.662	-0.253	0.229	0.569
1961	19.60	0.637	0.435	0.029	-0.259	-0.425	-0.329	0.016	0.520	1.042	1.437
1971	19.70	1.599	1.495	1.175	0.757	0.384	0.172	0.158	0.282	0.409	0.386
1981	19.80	0.118	-0.373	-0.969	-1.402	-1.561	-1.279	-0.675	0.096	0.806	1.287
1991	19.90	1.477	1.435	1.290	1.163	1.109	1.102	1.071	0.960	0.775	0.582

Table 7—9—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) I= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.466	0.470	0.550	0.595	0.485	0.172	-0.265	-0.628	-0.686	-0.278
2011	20.10	0.585	1.701	2.735	3.344	3.310	2.629	1.508	0.289	-0.670	-1.119
2021	20.20	-0.880	-0.350	0.544	1.435	2.069	2.284	2.030	1.376	0.482	-0.418
2031	20.30	-1.096	-1.391	-1.266	-0.815	-0.250	0.201	0.375	0.250	-0.055	-0.339
2041	20.40	-0.425	-0.253	0.089	0.404	0.499	0.281	-0.184	-0.705	-1.071	-1.158
2051	20.50	-1.008	-0.793	-0.727	-0.931	-1.358	-1.808	-2.024	-1.860	-1.271	-0.523
2061	20.60	0.115	0.416	0.336	0.034	-0.219	-0.194	0.161	0.679	1.061	1.035
2071	20.70	0.513	-0.345	-1.201	-1.701	-1.657	-1.146	-0.467	0.006	0.019	-0.431
2081	20.80	-1.097	-1.607	-1.660	-1.175	-0.336	0.500	0.978	0.914	0.366	-0.408
2091	20.90	-1.092	-1.471	-1.515	-1.371	-1.257	-1.327	-1.580	-1.862	-1.952	-1.683
2101	21.00	-1.036	-0.166	0.678	1.239	1.378	1.114	0.601	0.052	-0.347	-0.504
2111	21.10	-0.433	-0.223	0.015	0.187	0.247	0.194	0.055	-0.126	-0.297	-0.407
2121	21.20	-0.615	-0.300	-0.074	0.202	0.440	0.561	0.436	0.119	-0.350	-0.853
2131	21.30	-1.261	-1.468	-1.436	-1.197	-0.845	-0.493	-0.238	-0.130	-0.158	-0.264
2141	21.40	-0.366	-0.390	-0.298	-0.099	0.160	0.408	0.582	0.661	0.580	0.424
2151	21.50	0.211	-0.019	-0.240	-0.431	-0.575	-0.666	-0.619	-0.477	-0.229	0.079
2161	21.60	0.377	0.591	0.681	0.657	0.577	0.512	0.501	0.516	0.467	0.249
2171	21.70	-0.195	-0.815	-1.449	-1.871	-1.890	-1.448	-0.670	0.169	0.751	0.856
2181	21.80	0.462	-0.230	-0.876	-1.142	-0.853	-0.073	0.911	1.718	2.059	1.771
2191	21.90	1.064	0.257	-0.273	-0.271	0.287	1.185	2.052	2.517	2.349	1.541
2201	22.00	0.308	-1.000	-2.028	-2.536	-2.465	-1.960	-1.204	-0.523	-0.095	0.003
2211	22.10	-0.180	-0.513	-0.846	-1.066	-1.124	-1.037	-0.852	-0.617	-0.361	-0.101
2221	22.20	0.143	0.326	0.393	0.255	-0.071	-0.531	-0.990	-1.288	-1.314	-1.065
2231	22.30	-0.666	-0.323	-0.227	-0.453	-0.907	-1.355	-1.526	-1.239	-0.510	0.444
2241	22.40	1.283	1.702	1.561	0.956	0.166	-0.474	-0.730	-0.573	-0.169	0.213
2251	22.50	0.348	0.169	-0.203	-0.538	-0.616	-0.351	0.173	0.742	1.134	1.227
2261	22.60	1.057	0.790	0.620	0.666	0.906	1.192	1.334	1.206	0.810	0.286
2271	22.70	-0.173	-0.394	-0.378	-0.052	0.269	0.463	0.433	0.189	-0.167	-0.500
2281	22.80	-0.695	-0.698	-0.519	-0.205	0.183	0.586	0.943	1.186	1.239	1.046
2291	22.90	0.610	0.026	-0.525	-0.823	-0.692	-0.089	0.848	1.825	2.486	2.554
2301	23.00	1.943	0.821	-0.442	-1.403	-1.714	-1.259	-0.206	1.056	2.067	2.475
2311	23.10	2.170	1.318	0.290	-0.493	-0.722	-0.316	0.576	1.634	2.516	2.980
2321	23.20	2.950	2.513	1.850	1.155	0.573	0.177	-0.608	0.017	0.238	0.611
2331	23.30	1.039	1.365	1.404	1.026	0.228	-0.816	-1.791	-2.353	-2.269	-1.535
2341	23.40	-0.404	0.769	1.384	1.378	0.723	-0.296	-1.270	-1.842	-1.859	-1.410
2351	23.50	-0.760	-0.208	0.053	0.005	-0.221	-0.434	-0.494	-0.368	-0.128	0.119
2361	23.60	0.296	0.393	0.445	0.481	0.478	0.369	0.088	-0.357	-0.850	-1.193
2371	23.70	-1.201	-0.816	-0.161	0.482	0.801	0.610	-0.034	-0.836	-1.385	-1.346
2381	23.80	-0.636	0.518	1.673	2.358	2.294	1.516	0.350	-0.744	-1.387	-1.444
2391	23.90	-1.061	-0.568	-0.300	-0.429	-0.892	-1.439	-1.774	-1.704	-1.223	-0.497
2401	24.00	0.233	0.773	1.062	1.167	1.225	1.368	1.555	1.774	1.887	1.804
2411	24.10	1.513	1.082	0.616	0.202	-0.125	-0.383	-0.604	-0.793	-0.913	-0.902
2421	24.20	-0.718	-0.380	0.021	0.359	0.529	0.500	0.335	0.154	0.070	0.123
2431	24.30	0.256	0.344	0.258	-0.053	-0.528	-1.010	-1.316	-1.321	-1.026	-0.560
2441	24.40	-0.124	0.093	0.001	-0.352	-0.800	-1.133	-1.177	-0.869	-0.275	0.437
2451	24.50	1.061	1.629	1.457	1.170	0.680	0.138	-0.313	-0.590	-0.679	-0.636
2461	24.60	-0.551	-0.506	-0.534	-0.611	-0.660	-0.598	-0.384	-0.049	0.294	0.500
2471	24.70	0.449	0.119	-0.394	-0.898	-1.186	-1.129	-0.749	-0.212	0.230	0.362
2481	24.80	0.108	-0.418	-0.960	-1.234	-1.064	-0.477	0.302	0.965	1.171	0.877
2491	24.90	0.189	-0.594	-1.137	-1.217	-0.816	-0.113	0.612	1.108	1.259	1.102

Table 7—9—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1102 105-GR-1-18 LG. (HB.) MASAKI BRIDGE MAX. ACC. = -25.370 (GAL) I= 0.67 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.781	0.439	0.147	-0.112	-0.400	-0.739	-1.071	-1.267	-1.209	-0.882
2511	25.10	-0.424	-0.083	-0.099	-0.561	-1.330	-2.067	-2.380	-2.024	-1.039	0.236
2521	25.20	1.294	1.714	1.343	0.392	-0.666	-1.321	-1.281	-0.608	0.314	0.983
2531	25.30	1.038	0.447	-0.479	-1.251	-1.459	-0.986	-0.071	0.825	1.261	1.058
2541	25.40	0.386	-0.327	-0.636	-0.328	0.449	1.252	1.573	1.119	-0.026	-1.407
2551	25.50	-2.438	-2.670	-2.030	-0.856	0.277	0.840	0.624	-0.172	-1.043	-1.457
2561	25.60	-1.130	-0.179	0.934	1.842	1.563	0.705	-0.535	-1.566	-1.891	-1.359
2571	25.70	-0.234	0.929	1.562	1.353	0.397	-0.860	-1.839	-2.099	-1.544	-0.419
2581	25.80	0.678	1.344	1.282	0.565	-0.462	-1.355	-1.775	-1.625	-1.058	-0.379
2591	25.90	0.114	0.261	0.084	-0.255	-0.558	-0.692	-0.634	-0.461	-0.284	-0.184
2601	26.00	-0.172	-0.200	-0.197	-0.116	0.045	0.246	0.434	0.566	0.622	0.584
2611	26.10	0.477	0.268	-0.026	-0.367	-0.683	-0.879	-0.886	-0.703	-0.412	-0.162
2621	26.20	-0.091	-0.257	-0.587	-0.899	-0.982	-0.709	-0.123	0.556	1.030	1.040
2631	26.30	0.525	-0.341	-1.208	-1.702	-1.599	-0.935	0.010	0.842	1.235	1.086
2641	26.40	0.556	-0.019	-0.301	-0.113	0.476	1.193	1.701	1.764	1.351	0.640
2651	26.50	-0.085	-0.572	-0.713	-0.561	-0.275	-0.015	0.145	0.233	0.338	0.528
2661	26.60	0.799	1.071	1.245	1.275	1.209	1.171	1.292	1.619	2.074	2.469
2671	26.70	2.596	2.329	1.690	0.852	0.066	-0.442	-0.555	-0.293	0.217	0.816
2681	26.80	1.367	1.785	2.027	2.067	1.881	1.469	0.891	0.286	-0.152	-0.227
2691	26.90	0.150	0.908	1.813	2.547	2.837	2.567	1.835	0.904	0.093	-0.351
2701	27.00	-0.344	0.030	0.587	1.130	1.535	1.760	1.821	1.743	1.530	1.180
2711	27.10	0.723	0.252	-0.081	-0.131	0.160	0.703	1.276	1.608	1.510	0.981
2721	27.20	0.225	-0.427	-0.668	-0.367	0.365	1.214	1.814	1.912	1.485	0.743
2731	27.30	0.018	-0.393	-0.374	-0.026	0.394	0.612	0.476	0.023	-0.550	-0.993
2741	27.40	-1.129	-0.931	-0.525	-0.109	0.155	0.219	0.167	0.161	0.344	0.757
2751	27.50	1.308	1.801	2.023	1.838	1.251	0.411	-0.435	-1.040	-1.238	-1.005
2761	27.60	-0.465	0.159	0.625	0.756	0.501	-0.048	-0.695	-1.209	-1.409	-1.229
2771	27.70	-0.736	-0.106	0.443	0.730	0.670	0.295	-0.269	-0.853	-1.310	-1.555
2781	27.80	-1.576	-1.423	-1.173	-0.898	-0.653	-0.466	-0.356	-0.331	-0.395	-0.543
2791	27.90	-0.748	-0.962	-1.128	-1.194	-1.135	-0.970	-0.758	-0.585	-0.536	-0.664
2801	28.00	-0.966	-1.375	-1.780	-2.060	-2.138	-2.011	-1.769	-1.566	-1.555	-1.819
2811	28.10	-2.310	-2.852	-3.195	-3.126	-2.572	-1.856	-0.674	0.020	0.187	-0.273
2821	28.20	-1.091	-1.907	-2.338	-2.182	-1.515	-0.873	-0.093	-0.114	-0.804	-1.920
2831	28.30	-3.012	-3.629	-3.531	-2.804	-1.818	-1.056	-0.889	-1.408	-2.389	-3.411
2841	28.40	-4.054	-4.096	-3.597	-2.857	-2.251	-2.052	-2.306	-2.827	-3.307	-3.469
2851	28.50	-3.200	-2.595	-1.903	-1.406	-1.290	-1.591	-2.180	-2.840	-3.351	-3.557
2861	28.60	-3.395	-2.880	-2.079	-1.080	0.012	1.085				

Table 7—10—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	-5.235	-9.394	-12.711	-14.597	-13.726	-12.205	-11.219	-12.267	-15.913	-21.291
11	0.10	-26.234	-28.044	-24.614	-15.388	-1.735	13.474	26.910	36.002	39.803	39.127
21	0.20	35.943	32.346	29.599	27.690	25.584	21.977	16.170	8.579	0.670	-5.673
31	0.30	-8.986	-8.879	-6.171	-2.472	0.571	2.012	1.964	1.455	1.867	4.251
41	0.40	8.809	14.775	20.088	24.913	26.192	24.008	18.679	11.219	3.034	-4.607
51	0.50	-9.876	-12.614	-12.659	-9.065	-5.781	-1.398	2.184	4.276	4.770	4.096
61	0.60	2.968	2.014	1.483	1.142	0.441	-1.156	-3.837	-7.283	-10.776	-13.531
71	0.70	-15.066	-15.442	-15.216	-15.135	-15.756	-17.137	-18.818	-20.083	-20.368	-19.616
81	0.80	-18.360	-17.508	-17.896	-19.843	-22.929	-26.100	-28.067	-27.814	-24.978	-19.949
91	0.90	-13.657	-7.166	-1.290	3.612	7.585	10.827	13.428	15.223	15.866	15.076
101	1.00	12.914	9.930	7.072	5.377	5.551	7.645	10.955	14.228	16.095	15.571
111	1.10	12.431	7.319	1.541	-3.365	-6.138	-6.201	-3.832	-0.047	3.730	6.119
121	1.20	6.190	3.720	-0.274	-6.201	-11.223	-14.617	-15.594	-13.981	-10.236	-5.294
131	1.30	-0.309	3.669	5.949	6.347	5.186	3.155	1.070	-0.355	-0.686	0.189
141	1.40	2.109	4.785	7.923	11.310	14.803	18.273	21.527	24.278	26.184	26.942
151	1.50	26.396	24.596	21.798	18.596	14.798	11.380	8.428	6.156	4.711	4.150
161	1.60	4.380	5.093	5.755	5.703	4.359	1.474	-2.686	-7.333	-11.374	-13.774
171	1.70	-13.960	-12.052	-8.893	-5.662	-3.517	-3.125	-4.454	-6.843	-9.313	-10.973
181	1.80	-11.335	-10.422	-8.656	-6.596	-4.705	-3.218	-2.179	-1.561	-1.389	-1.768
191	1.90	-2.794	-4.631	-6.418	-8.311	-9.628	-10.055	-9.586	-8.515	-7.297	-6.332
201	2.00	-5.798	-5.624	-5.609	-5.609	-5.681	-6.073	-7.067	-8.747	-10.827	-12.665
211	2.10	-13.478	-12.677	-10.170	-6.466	-2.527	0.582	2.102	1.857	0.289	-1.749
221	2.20	-3.345	-3.857	-3.085	-1.246	1.260	3.763	6.077	7.931	9.226	9.906
231	2.30	9.950	9.412	8.497	7.574	7.100	7.449	8.735	10.712	12.821	14.394
241	2.40	14.910	14.207	12.527	10.395	8.371	6.811	5.743	4.918	3.993	2.765
251	2.50	1.212	-0.327	-1.499	-2.046	-1.963	-1.510	-1.092	-1.063	-1.566	-2.497
261	2.60	-3.578	-4.526	-5.199	-5.665	-6.040	-6.544	-7.168	-7.716	-7.858	-7.284
271	2.70	-5.873	-5.785	-1.426	0.692	2.140	2.723	2.533	1.875	1.127	0.589
281	2.80	0.385	0.455	0.623	0.690	0.514	0.051	-0.661	-1.533	-2.464	-3.360
291	2.90	-4.146	-4.781	-5.273	-5.708	-6.245	-7.086	-8.390	-10.173	-12.224	-14.107
301	3.00	-15.249	-15.118	-13.431	-10.291	-6.214	-1.998	1.520	3.733	4.460	3.993
311	3.10	2.978	2.179	2.214	3.362	5.566	8.218	10.928	13.120	14.462	14.850
321	3.20	14.371	13.223	11.641	9.855	8.083	6.532	5.366	4.757	4.643	4.892
331	3.30	5.234	5.556	5.015	4.151	2.902	1.561	0.458	-0.173	-0.286	-0.019
341	3.40	0.384	0.697	0.816	0.784	0.744	0.830	1.071	1.358	1.487	1.268
351	3.50	0.636	-0.297	-1.275	-2.006	-2.292	-2.114	-1.642	-1.151	-0.906	-1.050
361	3.60	-1.616	-2.465	-3.437	-4.526	-5.608	-6.710	-7.790	-8.710	-9.248	-9.169
371	3.70	-8.332	-6.783	-4.779	-2.715	-0.994	0.116	0.564	0.518	0.271	0.109
381	3.80	0.205	0.571	1.092	1.614	2.027	2.316	2.549	2.822	3.196	3.654
391	3.90	4.121	4.504	4.751	4.886	4.993	5.166	5.447	5.779	6.014	5.962
401	4.00	5.678	4.536	3.266	1.922	0.803	0.136	-0.016	0.198	0.459	0.384
411	4.10	-0.329	-1.170	-3.761	-5.897	-7.675	-8.677	-8.731	-7.986	-6.867	-5.925
421	4.20	-5.623	-6.167	-7.426	-8.984	-10.503	-10.930	-10.657	-9.581	-8.038	-6.460
431	4.30	-5.200	-4.421	-4.071	-3.943	-3.793	-3.436	-2.803	-1.926	-0.887	0.241
441	4.40	1.421	2.845	3.897	5.126	6.231	7.097	7.662	7.853	7.803	7.625
451	4.50	7.463	7.417	7.511	7.695	7.871	7.937	7.825	7.523	7.073	6.560
461	4.60	6.083	5.738	5.587	5.643	5.856	6.119	6.288	6.225	5.843	5.150
471	4.70	4.254	3.361	2.610	2.203	2.149	2.346	2.593	2.663	2.380	1.679
481	4.80	0.627	-0.608	-1.821	-2.835	-3.556	-3.978	-4.178	-4.256	-4.296	-4.339
491	4.90	-4.381	-4.393	-4.358	-4.296	-4.269	-4.364	-4.657	-5.180	-5.899	-6.725

Table 7—10—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-7.548	-8.284	-8.909	-9.468	-10.043	-10.701	-11.439	-12.157	-12.678	-12.809
511	5.10	-12.422	-11.518	-10.240	-8.835	-7.568	-6.627	-6.062	-5.776	-5.576	-5.252
521	5.20	-4.651	-3.719	-2.493	-1.069	0.452	1.991	3.495	4.923	6.227	7.351
531	5.30	8.251	8.921	9.408	9.802	10.199	10.650	11.137	11.568	11.820	11.802
541	5.40	11.499	10.987	10.399	9.861	9.433	9.072	8.660	8.061	7.197	6.101
551	5.50	4.925	3.895	3.237	3.100	3.506	4.350	5.437	6.542	7.472	8.103
561	5.60	8.394	8.367	8.082	7.612	7.016	6.361	5.761	4.866	4.111	3.371
571	5.70	2.656	1.959	1.251	0.491	-0.368	-1.356	-2.460	-3.643	-4.855	-5.974
581	5.80	-7.023	-7.987	-8.901	-9.793	-10.653	-11.418	-11.995	-12.296	-12.324	-12.179
591	5.90	-12.048	-12.135	-12.560	-13.298	-14.169	-14.923	-15.351	-15.402	-15.213	-15.030
601	6.00	-15.065	-15.342	-15.623	-15.485	-14.506	-12.498	-9.665	-6.585	-4.096	-2.528
611	6.10	-2.314	-2.967	-3.659	-3.611	-1.588	1.896	6.473	11.142	14.855	16.922
621	6.20	17.242	16.294	14.876	13.769	13.329	13.576	14.088	14.360	14.043	13.100
631	6.30	11.782	10.461	9.416	8.686	8.061	7.209	5.868	4.002	1.840	-0.206
641	6.40	-1.710	-2.613	-2.311	-1.650	-0.812	-0.166	0.059	-0.175	-0.739	-1.420
651	6.50	-2.008	-2.361	-2.424	-2.209	-1.756	-1.098	-0.259	0.744	1.868	3.027
661	6.60	4.084	4.875	5.247	5.113	4.621	3.518	2.418	1.456	0.809	0.582
671	6.70	0.614	0.744	0.679	0.203	-0.763	-2.128	-3.675	-5.145	-6.333	-7.144
681	6.80	-7.595	-7.764	-7.718	-7.475	-6.999	-6.271	-5.332	-4.320	-3.438	-2.868
691	6.90	-2.673	-2.735	-2.781	-2.486	-1.620	-0.165	1.652	3.426	4.728	5.269
701	7.00	5.010	4.162	3.092	2.172	1.641	1.530	1.689	1.874	1.866	1.554
711	7.10	0.969	0.248	-0.435	-0.941	-1.218	-1.311	-1.343	-1.465	-1.800	-2.407
721	7.20	-3.239	-4.149	-4.923	-5.344	-5.263	-4.666	-3.691	-2.588	-1.632	-1.020
731	7.30	-0.798	-0.853	-0.979	-0.982	-0.777	-0.425	-0.084	0.096	0.082	0.005
741	7.40	0.121	0.685	1.805	3.360	5.017	6.363	7.079	7.086	6.582	5.952
751	7.50	5.584	5.695	6.228	6.896	7.319	7.215	6.524	5.425	4.233	3.239
761	7.60	2.569	2.137	1.709	1.043	0.024	-1.263	-2.583	-3.653	-4.290	-4.489
771	7.70	-4.432	-4.391	-4.609	-5.192	-6.074	-7.061	-7.918	-8.460	-8.608	-8.386
781	7.80	-7.880	-7.182	-6.364	-5.467	-4.532	-3.616	-2.797	-2.154	-1.732	-1.517
791	7.90	-1.429	-1.353	-1.186	-0.879	-0.447	0.033	0.464	0.767	0.917	0.940
801	8.00	0.897	0.852	0.868	0.893	0.972	1.059	1.143	1.230	1.344	1.515
811	8.10	1.758	2.069	2.418	2.764	3.060	3.274	3.394	3.423	3.379	3.275
821	8.20	3.123	2.922	2.674	2.588	2.091	1.829	1.655	1.618	1.761	2.014
831	8.30	2.400	2.855	3.369	3.881	4.477	5.169	5.969	6.839	7.683	8.373
841	8.40	8.778	8.810	8.449	7.750	6.851	5.747	4.651	3.585	2.582	1.668
851	8.50	0.874	0.234	-0.230	-0.534	-0.762	-0.951	-1.261	-1.723	-2.309	-2.915
861	8.60	-3.396	-3.616	-3.528	-3.178	-2.702	-2.269	-2.023	-2.027	-2.262	-2.644
871	8.70	-3.083	-3.519	-3.942	-4.277	-4.550	-5.352	-5.851	-6.210	-6.431	-6.481
881	8.80	-6.411	-6.310	-6.260	-6.299	-6.397	-6.475	-6.453	-6.290	-6.016	-5.719
891	8.90	-5.693	-5.394	-5.396	-5.403	-5.294	-4.981	-4.466	-3.858	-3.252	-2.841
901	9.00	-2.661	-2.663	-2.706	-2.627	-2.368	-1.724	-0.947	-0.097	0.720	1.465
911	9.10	2.181	2.956	3.871	4.939	6.094	7.204	8.139	8.816	9.238	9.471
921	9.20	9.598	9.657	9.610	9.345	8.738	7.716	6.311	4.679	3.049	1.653
931	9.30	0.650	0.070	-0.180	-0.270	-0.376	-0.620	-1.033	-1.565	-2.117	-2.603
941	9.40	-2.973	-3.233	-3.432	-3.630	-3.866	-4.128	-4.376	-4.519	-4.486	-4.217
951	9.50	-3.718	-3.047	-2.311	-1.635	-1.129	-0.849	-0.785	-0.863	-0.978	-1.028
961	9.60	-0.957	-0.768	-0.516	-0.280	-0.123	-0.063	-0.076	-0.108	-0.112	-0.075
971	9.70	-0.023	-0.002	-0.066	-0.141	-0.229	-0.211	0.006	0.457	1.116	1.879
981	9.80	2.611	3.197	3.576	3.759	3.815	3.831	3.873	3.961	4.073	4.168
991	9.90	4.217	4.222	4.222	4.275	4.419	4.654	4.927	5.144	5.197	5.008

Table 7—10—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	4.558	3.899	3.142	2.430	1.891	1.598	1.543	1.653	1.784	1.835
1011	10.10	1.682	1.307	0.747	0.074	-0.663	-1.371	-2.127	-2.958	-3.902	-4.952
1021	10.20	-6.033	-7.026	-7.807	-8.303	-8.526	-8.572	-8.576	-8.652	-8.837	-9.080
1031	10.30	-9.265	-9.278	-9.065	-8.664	-8.192	-7.780	-7.515	-7.390	-7.307	-7.151
1041	10.40	-6.760	-6.183	-5.493	-4.842	-4.371	-4.136	-4.074	-4.024	-3.796	-3.257
1051	10.50	-2.385	-1.279	-0.120	0.910	1.691	2.211	2.551	2.842	3.209	3.718
1061	10.60	4.370	5.110	5.862	6.566	7.197	7.759	8.280	8.783	9.279	9.753
1071	10.70	10.175	10.498	10.690	10.726	10.607	10.363	10.069	9.728	9.454	9.252
1081	10.80	9.108	8.976	8.803	8.559	8.257	7.953	7.719	7.606	7.602	7.622
1091	10.90	7.540	7.231	6.643	5.823	4.909	4.080	3.472	3.119	2.930	2.721
1101	11.00	2.299	1.539	0.439	-0.884	-2.248	-3.490	-4.530	-5.396	-6.176	-6.977
1111	11.10	-7.838	-8.716	-9.495	-10.071	-10.393	-10.507	-10.538	-10.628	-10.861	-11.216
1121	11.20	-11.569	-11.750	-11.631	-11.187	-10.525	-9.837	-9.319	-9.082	-9.096	-9.201
1131	11.30	-9.171	-8.805	-8.011	-6.840	-5.461	-4.094	-2.933	-2.082	-1.543	-1.236
1141	11.40	-1.069	-0.888	-0.700	-0.484	-0.260	-0.057	0.112	0.250	0.371	0.495
1151	11.50	0.662	0.832	1.095	1.461	1.953	2.571	3.278	4.010	4.685	5.237
1161	11.60	5.638	5.908	6.101	6.276	6.465	6.654	6.788	6.797	6.636	6.306
1171	11.70	5.862	5.388	4.959	4.618	4.358	4.144	3.965	3.762	3.639	3.639
1181	11.80	3.808	4.133	4.531	4.866	4.996	4.842	4.407	3.785	3.113	2.513
1191	11.90	2.041	1.671	1.322	0.902	0.370	-0.249	-0.872	-1.409	-1.807	-2.080
1201	12.00	-2.296	-2.539	-2.858	-3.233	-3.586	-3.816	-3.856	-3.707	-3.441	-3.165
1211	12.10	-2.965	-2.871	-2.840	-2.793	-2.657	-2.411	-2.100	-1.808	-1.614	-1.553
1221	12.20	-1.596	-1.675	-1.722	-1.709	-1.661	-1.633	-1.669	-1.769	-1.872	-1.893
1231	12.30	-1.763	-1.479	-1.110	-0.773	-0.570	-0.534	-0.615	-0.694	-0.652	-0.432
1241	12.40	-0.073	0.308	0.562	0.588	0.372	-0.009	-0.429	-0.774	-0.993	-1.104
1251	12.50	-1.163	-1.223	-1.287	-1.308	-1.222	-0.994	-0.654	-0.298	-0.043	0.025
1261	12.60	-0.094	-0.312	-0.483	-0.464	-0.183	0.338	0.991	1.627	2.114	2.376
1271	12.70	2.406	2.248	1.968	1.633	1.288	0.961	0.665	0.391	0.112	-0.217
1281	12.80	-0.667	-1.206	-1.874	-2.571	-3.174	-3.563	-3.667	-3.509	-3.194	-2.866
1291	12.90	-2.641	-2.543	-2.498	-2.368	-2.031	-1.451	-0.713	0.007	0.528	0.747
1301	13.00	0.699	0.538	0.466	0.627	1.036	1.565	2.009	2.181	2.006	1.555
1311	13.10	1.095	0.556	0.340	0.370	0.562	0.795	0.990	1.157	1.379	1.755
1321	13.20	2.328	3.041	3.749	4.286	4.534	4.485	4.232	3.922	3.677	3.538
1331	13.30	3.459	3.342	3.105	2.730	2.279	1.851	1.523	1.300	1.114	0.860
1341	13.40	0.470	-0.037	-0.537	-0.855	-0.836	-0.431	0.271	1.072	1.734	2.078
1351	13.50	2.039	1.684	1.162	0.633	0.203	-0.109	-0.353	-0.603	-0.908	-1.270
1361	13.60	-1.646	-1.983	-2.252	-2.462	-2.652	-2.854	-3.069	-3.248	-3.311	-3.181
1371	13.70	-2.828	-2.289	-1.666	-1.083	-0.662	-0.464	-0.480	-0.649	-0.881	-1.100
1381	13.80	-1.269	-1.391	-1.501	-1.637	-1.821	-2.042	-2.264	-2.443	-2.543	-2.550
1391	13.90	-2.479	-2.359	-2.221	-2.080	-1.934	-1.766	-1.561	-1.327	-1.098	-0.932
1401	14.00	-0.882	-0.968	-1.158	-1.361	-1.456	-1.339	-0.963	-0.367	0.332	0.984
1411	14.10	1.468	1.745	1.876	1.997	2.258	2.749	3.455	4.269	4.936	5.332
1421	14.20	5.333	4.959	4.344	3.686	3.171	2.916	2.937	3.159	3.458	3.711
1431	14.30	3.833	3.789	3.590	3.268	2.857	2.375	1.830	1.217	0.538	-0.197
1441	14.40	-0.953	-1.679	-2.304	-2.757	-2.982	-2.965	-2.745	-2.416	-2.104	-1.938
1451	14.50	-2.000	-2.309	-2.812	-3.412	-4.000	-4.490	-4.836	-5.018	-5.026	-4.844
1461	14.60	-4.451	-3.847	-3.081	-2.265	-1.556	-1.104	-0.986	-1.162	-1.471	-1.689
1471	14.70	-1.617	-1.167	-0.407	0.466	1.204	1.607	1.603	1.269	0.788	0.365
1481	14.80	0.153	0.208	0.496	0.929	1.430	1.946	2.451	2.915	3.284	3.479
1491	14.90	3.423	3.089	2.533	1.891	1.338	1.031	1.050	1.376	1.916	2.544

Table 7—10—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	3.152	3.678	4.099	4.406	4.580	4.591	4.417	4.073	3.635	3.217
1511	15.10	2.936	2.853	2.940	3.088	3.150	3.010	2.636	2.086	1.477	0.918
1521	15.20	0.457	0.058	-0.365	-0.889	-1.527	-2.206	-2.797	-3.174	-3.289	-3.201
1531	15.30	-3.062	-3.051	-3.298	-3.823	-4.530	-5.241	-5.770	-5.992	-5.879	-5.497
1541	15.40	-4.970	-4.429	-3.967	-3.619	-3.370	-3.170	-2.968	-2.726	-2.439	-2.128
1551	15.50	-1.838	-1.624	-1.524	-1.549	-1.670	-1.822	-1.932	-1.949	-1.872	-1.762
1561	15.60	-1.716	-1.823	-2.115	-2.536	-2.949	-3.185	-3.114	-2.701	-2.035	-1.293
1571	15.70	-0.673	-0.311	-0.227	-0.322	-0.425	-0.372	-0.079	0.427	1.032	1.587
1581	15.80	1.979	2.179	2.241	2.263	2.329	2.467	2.636	2.745	2.728	2.571
1591	15.90	2.343	2.171	2.181	2.440	2.910	3.451	3.864	3.974	3.698	3.086
1601	16.00	2.308	1.594	1.143	1.057	1.299	1.722	2.134	2.382	2.408	2.268
1611	16.10	2.083	1.975	1.997	2.101	2.163	2.052	1.699	1.143	0.531	0.051
1621	16.20	-0.144	-0.009	0.380	0.858	1.252	1.455	1.464	1.369	1.290	1.308
1631	16.30	1.424	1.559	1.607	1.497	1.234	0.900	0.601	0.414	0.329	0.262
1641	16.40	0.093	-0.259	-0.785	-1.377	-1.879	-2.159	-2.181	-2.025	-1.850	-1.818
1651	16.50	-2.012	-2.397	-2.841	-3.176	-3.290	-3.169	-2.997	-2.642	-2.482	-2.449
1661	16.60	-2.466	-2.409	-2.181	-1.775	-1.291	-0.893	-0.730	-0.855	-1.187	-1.545
1671	16.70	-1.719	-1.569	-1.091	-0.422	0.216	0.611	0.641	0.321	-0.215	-0.775
1681	16.80	-1.187	-1.354	-1.271	-1.000	-0.627	-0.224	0.166	0.521	0.815	1.006
1691	16.90	1.044	0.900	0.590	0.191	-0.177	-0.394	-0.389	-0.168	0.183	0.542
1701	17.00	0.803	0.917	0.911	0.858	0.834	0.876	0.964	1.039	1.054	1.006
1711	17.10	0.953	0.985	1.175	1.520	1.929	2.250	2.333	2.114	1.652	1.123
1721	17.20	0.748	0.702	1.036	1.652	2.366	2.896	3.158	3.119	2.886	2.629
1731	17.30	2.485	2.498	2.599	2.647	2.504	2.101	1.470	0.720	-0.009	-0.613
1741	17.40	-1.053	-1.352	-1.557	-1.703	-1.787	-1.785	-1.671	-1.475	-1.272	-1.173
1751	17.50	-1.272	-1.595	-2.083	-2.604	-3.012	-3.204	-3.169	-2.984	-2.777	-2.665
1761	17.60	-2.701	-2.852	-3.027	-3.116	-3.054	-2.840	-2.533	-2.216	-1.947	-1.732
1771	17.70	-1.519	-1.231	-0.811	-0.254	0.383	0.998	1.485	1.772	1.847	1.747
1781	17.80	1.543	1.302	1.060	0.822	0.571	0.290	-0.015	-0.309	-0.539	-0.658
1791	17.90	-0.646	-0.527	-0.362	-0.228	-0.188	-0.263	-0.423	-0.596	-0.698	-0.667
1801	18.00	-0.494	-0.227	0.043	0.221	0.247	0.125	-0.071	-0.224	-0.215	0.029
1811	18.10	0.503	1.125	1.763	2.280	2.582	2.644	2.516	2.290	2.068	1.924
1821	18.20	1.880	1.910	1.962	1.981	1.933	1.816	1.650	1.467	1.294	1.142
1831	18.30	1.009	0.887	0.766	0.665	0.526	0.415	0.309	0.201	0.077	-0.067
1841	18.40	-0.223	-0.364	-0.450	-0.441	-0.319	-0.107	0.128	0.285	0.256	0.032
1851	18.50	-0.584	-1.319	-2.081	-2.683	-2.958	-2.825	-2.310	-1.554	-0.757	-0.122
1861	18.60	0.215	0.222	-0.028	-0.403	-0.764	-1.026	-1.181	-1.287	-1.425	-1.669
1871	18.70	-1.953	-2.270	-2.500	-2.566	-2.446	-2.195	-1.917	-1.723	-1.674	-1.757
1881	18.80	-1.886	-1.937	-1.815	-1.691	-1.032	-0.529	-0.150	0.028	0.003	-0.130
1891	18.90	-0.218	-0.197	0.294	0.977	1.834	2.698	3.402	3.845	4.016	3.993
1901	19.00	3.903	3.855	3.901	4.013	4.097	4.065	3.787	3.323	2.727	2.113
1911	19.10	1.582	1.181	0.880	0.599	0.253	-0.195	-0.704	-1.162	-1.438	-1.442
1921	19.20	-1.176	-0.751	-0.356	-0.163	-0.311	-0.801	-1.517	-2.273	-2.871	-3.179
1931	19.30	-3.163	-2.886	-2.476	-2.073	-1.785	-1.668	-1.726	-1.930	-2.232	-2.580
1941	19.40	-2.914	-3.173	-3.295	-3.234	-2.971	-2.529	-1.969	-1.369	-0.796	-0.285
1951	19.50	0.172	0.606	1.052	1.514	1.962	2.337	2.581	2.667	2.615	2.486
1961	19.60	2.350	2.254	2.194	2.119	1.955	1.642	1.182	0.636	0.111	-0.283
1971	19.70	-0.476	-0.465	-0.310	-0.100	0.088	0.232	0.367	0.566	0.893	1.361
1981	19.80	1.911	2.426	2.776	2.873	2.716	2.397	2.067	1.877	1.913	2.161
1991	19.90	2.510	2.799	2.878	2.675	2.217	1.609	0.993	0.478	0.103	-0.170

Table 7—10—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.426	-0.745	-1.160	-1.639	-2.100	-2.456	-2.656	-2.706	-2.656	-2.579
2011	20.10	-2.530	-2.518	-2.514	-2.483	-2.407	-2.307	-2.234	-2.234	-2.320	-2.453
2021	20.20	-2.555	-2.551	-2.416	-2.195	-1.993	-1.929	-2.069	-2.389	-2.770	-3.042
2031	20.30	-3.056	-2.754	-2.195	-1.530	-0.937	-0.538	-0.348	-0.269	-0.138	0.201
2041	20.40	0.826	1.702	2.696	3.631	4.355	4.792	4.958	4.963	4.866	4.822
2051	20.50	4.850	4.922	4.954	4.847	4.514	3.922	3.105	2.165	1.269	0.514
2061	20.60	0.075	-0.029	0.145	0.464	0.761	0.899	0.827	0.596	0.341	0.218
2071	20.70	0.336	0.699	1.208	1.691	1.982	1.993	1.750	1.382	1.063	0.934
2081	20.80	1.038	1.299	1.555	1.626	1.384	0.808	-0.007	-0.884	-1.654	-2.112
2091	20.90	-2.272	-2.168	-1.933	-1.730	-1.693	-1.889	-2.297	-2.821	-3.327	-3.689
2101	21.00	-3.839	-3.788	-3.625	-3.479	-3.466	-3.632	-3.941	-4.268	-4.455	-4.372
2111	21.10	-3.978	-3.342	-2.620	-2.002	-1.635	-1.571	-1.755	-2.052	-2.307	-2.409
2121	21.20	-2.324	-2.097	-1.818	-1.573	-1.411	-1.329	-1.291	-1.254	-1.201	-1.139
2131	21.30	-1.097	-1.093	-1.122	-1.150	-1.133	-1.037	-0.866	-0.657	-0.473	-0.366
2141	21.40	-0.358	-0.428	-0.523	-0.581	-0.565	-0.470	-0.330	-0.191	-0.092	-0.042
2151	21.50	-0.018	0.019	0.110	0.270	0.491	0.740	0.981	1.195	1.385	1.574
2161	21.60	1.797	2.076	2.412	2.783	3.149	3.470	3.717	3.881	3.970	4.006
2171	21.70	4.014	4.013	4.019	4.040	4.080	4.130	4.176	4.180	4.105	3.907
2181	21.80	3.562	3.077	2.497	1.899	1.375	0.996	0.798	0.764	0.840	0.952
2191	21.90	1.042	1.086	1.085	1.076	1.083	1.109	1.131	1.108	1.003	0.808
2201	22.00	0.545	0.258	-0.013	-0.253	-0.481	-0.735	-1.046	-1.408	-1.769	-2.047
2211	22.10	-2.159	-2.071	-1.815	-1.492	-1.231	-1.141	-1.266	-1.568	-1.946	-2.278
2221	22.20	-2.478	-2.522	-2.454	-2.355	-2.305	-2.347	-2.469	-2.624	-2.752	-2.809
2231	22.30	-2.781	-2.679	-2.523	-2.323	-2.079	-1.786	-1.449	-1.089	-0.746	-0.456
2241	22.40	-0.226	-0.040	0.148	0.387	0.697	1.051	1.380	1.601	1.657	1.547
2251	22.50	1.325	1.086	0.917	0.862	0.909	1.002	1.080	1.115	1.133	1.199
2261	22.60	1.372	1.667	2.026	2.334	2.466	2.354	2.028	1.615	1.297	1.226
2271	22.70	1.455	1.903	2.382	2.675	2.626	2.214	1.558	0.865	0.342	0.100
2281	22.80	0.114	0.241	0.298	0.152	-0.212	-0.683	-1.088	-1.274	-1.195	-0.943
2291	22.90	-0.699	-0.650	-0.893	-1.375	-1.912	-2.265	-2.259	-1.868	-1.237	-0.629
2301	23.00	-0.307	-0.417	-0.921	-1.605	-2.169	-2.355	-2.056	-1.345	-0.661	0.315
2311	23.10	0.766	0.820	0.558	0.169	-0.153	-0.284	-0.220	-0.051	0.092	0.105
2321	23.20	-0.038	-0.285	-0.538	-0.708	-0.755	-0.700	-0.610	-0.558	-0.592	-0.715
2331	23.30	-0.897	-1.091	-1.262	-1.396	-1.493	-1.559	-1.588	-1.557	-1.439	-1.219
2341	23.40	-0.903	-0.528	-0.166	0.190	0.447	0.623	0.740	0.841	0.966	1.142
2351	23.50	1.376	1.656	1.954	2.235	2.463	2.608	2.656	2.606	2.477	2.299
2361	23.60	2.102	1.904	1.705	1.485	1.216	0.878	0.476	0.039	-0.382	-0.736
2371	23.70	-0.994	-1.154	-1.249	-1.320	-1.406	-1.512	-1.627	-1.712	-1.731	-1.662
2381	23.80	-1.510	-1.303	-1.078	-0.870	-0.704	-0.592	-0.532	-0.519	-0.539	-0.568
2391	23.90	-0.576	-0.533	-0.416	-0.233	-0.024	0.146	0.200	0.087	-0.199	-0.608
2401	24.00	-1.050	-1.427	-1.667	-1.749	-1.707	-1.605	-1.505	-1.442	-1.408	-1.364
2411	24.10	-1.265	-1.081	-0.820	-0.520	-0.236	-0.017	0.112	0.151	0.120	0.051
2421	24.20	-0.027	-0.091	-0.123	-0.108	-0.041	0.075	0.222	0.373	0.498	0.580
2431	24.30	0.626	0.662	0.724	0.839	1.008	1.201	1.368	1.467	1.481	1.436
2441	24.40	1.388	1.397	1.502	1.693	1.920	2.102	2.166	2.070	1.815	1.439
2451	24.50	0.998	0.547	0.130	-0.223	-0.485	-0.626	-0.622	-0.463	-0.173	0.187
2461	24.60	0.530	0.765	0.834	0.732	0.505	0.237	0.004	-0.152	-0.236	-0.297
2471	24.70	-0.389	-0.565	-0.750	-0.950	-1.078	-1.088	-0.985	-0.825	-0.701	-0.702
2481	24.80	-0.866	-1.169	-1.524	-1.812	-1.927	-1.807	-1.459	-0.950	-0.379	0.151
2491	24.90	0.569	0.847	0.998	1.067	1.107	1.160	1.254	1.392	1.359	1.729

Table 7—10—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1103 907-GR-1-139 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 39.803 (GAL) T= 0.19 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.868	1.947	1.943	1.840	1.641	1.358	1.017	0.654	0.307	0.011
2511	25.10	-0.204	-0.318	-0.329	-0.246	-0.097	0.078	0.233	0.325	0.328	0.239
2521	25.20	0.084	-0.094	-0.245	-0.336	-0.351	-0.312	-0.253	-0.208	-0.193	-0.199
2531	25.30	-0.195	-0.152	-0.055	0.077	0.203	0.274	0.266	0.196	0.120	0.112
2541	25.40	0.229	0.478	0.892	1.102	1.270	1.239	1.009	0.649	0.271	-0.020
2551	25.50	-0.158	-0.142	-0.013	0.166	0.350	0.528	0.712	0.917	1.131	1.305
2561	25.60	1.361	1.225	0.860	0.291	-0.400	-1.098	-1.692	-2.106	-2.307	-2.319
2571	25.70	-2.190	-1.986	-1.766	-1.599	-1.535	-1.606	-1.811	-2.100	-2.383	-2.551
2581	25.80	-2.516	-2.248	-1.799	-1.285	-0.865	-0.580	-0.514	-0.582	-0.667	-0.657
2591	25.90	-0.502	-0.240	0.026	0.185	0.175	0.019	-0.185	-0.319	-0.305	-0.155
2601	26.00	0.034	0.129	0.025	-0.293	-0.737	-1.153	-1.388	-1.355	-1.063	-0.605
2611	26.10	-0.106	0.339	0.696	0.991	1.276	1.575	1.865	2.075	2.127	1.981
2621	26.20	1.665	1.267	0.900	0.630	0.546	0.552	0.596	0.617	0.598	0.565
2631	26.30	0.570	0.648	0.789	0.937	1.016	0.983	0.851	0.704	0.656	0.799
2641	26.40	1.151	1.633	2.094	2.363	2.522	1.948	1.331	0.632	0.031	-0.347
2651	26.50	-0.463	-0.372	-0.192	-0.053	-0.047	-0.203	-0.478	-0.786	-1.026	-1.126
2661	26.60	-1.057	-0.847	-0.566	-0.298	-0.113	-0.044	-0.072	-0.137	-0.160	-0.075
2671	26.70	0.148	0.469	0.807	1.057	1.124	0.966	0.605	0.123	-0.363	-0.741
2681	26.80	-0.940	-0.946	-0.807	-0.608	-0.446	-0.397	-0.498	-0.735	-1.051	-1.358
2691	26.90	-1.569	-1.617	-1.479	-1.190	-0.835	-0.529	-0.381	-0.455	-0.746	-1.176
2701	27.00	-1.616	-1.928	-2.021	-1.874	-1.551	-1.173	-0.873	-0.768	-0.832	-1.085
2711	27.10	-1.421	-1.739	-1.958	-2.036	-1.963	-1.768	-1.479	-1.128	-0.742	-0.345
2721	27.20	0.036	0.377	0.665	0.904	1.116	1.332	1.575	1.848	2.125	2.361
2731	27.30	2.506	2.527	2.419	2.207	1.929	1.624	1.320	1.029	0.757	0.509
2741	27.40	0.302	0.155	0.088	0.110	0.218	0.402	0.651	0.955	1.303	1.670
2751	27.50	2.006	2.246	2.323	2.203	1.911	1.539	1.216	1.064	1.134	1.373
2761	27.60	1.630	1.710	1.450	0.795	-0.170	-1.241	-2.167	-2.764	-2.888	-2.651
2771	27.70	-2.197	-1.721	-1.373	-1.214	-1.205	-1.253	-1.263	-1.186	-1.036	-0.868
2781	27.80	-0.748	-0.710	-0.747	-0.811	-0.845	-0.800	-0.658	-0.428	-0.141	0.162
2791	27.90	0.439	0.645	0.737	0.677	0.446	0.060	-0.424	-0.915	-1.310	-1.526
2801	28.00	-1.522	-1.316	-0.969	-0.568	-0.197	0.082	0.239	0.271	0.195	0.045
2811	28.10	-0.136	-0.295	-0.389	-0.399	-0.345	-0.298	-0.357	-0.613	-1.097	-1.747
2821	28.20	-2.403	-2.851	-2.897	-2.446	-1.549	-0.396	0.748	1.638	2.135	2.250
2831	28.30	2.121	1.941	1.870	1.967	2.178	2.375	2.430	2.283	1.968	1.600
2841	28.40	1.315	1.207	1.286	1.482	1.685	1.793	1.757	1.590	1.342	1.066
2851	28.50	0.782	0.478	0.129	-0.264	-0.651	-0.935	-1.004	-0.784	-0.281	0.407
2861	28.60	1.116	1.676	1.965	1.969	1.786	1.491	1.274	1.184	1.195	1.209
2871	28.70	1.097	0.767	0.205	-0.513	-1.244	-1.840	-2.195	-2.285	-2.171	-1.969
2881	28.80	-1.802	-1.760	-1.873	-2.116	-2.427	-2.738	-2.990	-3.165	-3.181	-3.083
2891	28.90	-2.843	-2.469	-1.995	-1.494	-1.063	-0.797	-0.755	-0.918	-1.196	-1.461
2901	29.00	-1.501	-1.282	-0.786	-0.113	0.579	1.131	1.452	1.562	1.487	1.403
2911	29.10	1.381	1.441	1.537	1.584	1.526	1.371	1.201	1.141	1.287	1.658
2921	29.20	2.163	2.634	2.886	2.797	2.353	1.657	0.879	0.193	-0.288	-0.536
2931	29.30	-0.596	-0.540	-0.427	-0.279	-0.095	0.125	0.352	0.521	0.566	0.455
2941	29.40	0.219	-0.030	-0.150	-0.028	0.365	0.951	1.564	2.021	2.186	2.030
2951	29.50	1.629	1.131	0.683	0.376	0.219	0.144	0.060	-0.107	-0.378	-0.721
2961	29.60	-1.077	-1.388	-1.621	-1.774	-1.861	-1.895	-1.883	-1.821	-1.713	-1.575
2971	29.70	-1.435	-1.319	-1.231	-1.168	-1.027	-0.826	-0.535	-0.189	0.135	0.353

Table 7—11—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.911	0.510	3.496	5.909	6.866	6.209	4.627	3.322	3.366	5.080
11	0.10	7.759	9.929	10.042	7.282	2.096	-3.879	-6.619	-9.679	-6.998	-1.211
21	0.20	5.687	11.363	14.074	13.287	9.732	4.921	0.402	-2.882	-4.834	-6.004
31	0.30	-7.089	-8.444	-9.863	-10.716	-10.360	-8.683	-5.496	-2.238	0.289	1.369
41	0.40	0.856	-0.817	-2.858	-4.689	-5.231	-5.019	-4.121	-2.946	-1.852	-1.052
51	0.50	-0.641	-0.673	-1.216	-2.337	-4.018	-6.056	-8.038	-9.392	-9.601	-8.332
61	0.60	-5.586	-1.696	2.790	7.269	11.256	14.455	16.753	18.135	18.581	18.020
71	0.70	16.352	13.527	9.654	5.069	0.337	-3.843	-6.805	-8.098	-7.640	-5.768
81	0.80	-3.162	-0.654	1.016	1.437	0.640	-0.930	-2.592	-3.690	-3.824	-2.974
91	0.90	-1.454	0.253	1.718	2.720	3.285	3.585	3.769	3.832	3.585	2.762
101	1.00	1.129	-1.009	-3.468	-5.595	-6.842	-6.930	-5.979	-4.473	-3.064	-2.307
111	1.10	-2.433	-3.273	-4.344	-5.065	-5.008	-4.064	-2.682	-0.762	0.539	0.994
121	1.20	0.440	-1.005	-3.015	-5.179	-7.137	-8.662	-9.686	-10.261	-10.485	-10.431
131	1.30	-10.093	-9.390	-8.214	-6.507	-4.329	-1.882	0.526	2.579	4.060	4.933
141	1.40	5.344	5.546	5.767	6.104	6.475	6.686	6.555	6.056	5.377	4.865
151	1.50	4.869	5.548	6.763	8.006	8.763	8.490	7.105	4.856	2.329	0.186
161	1.60	-1.091	-1.373	-0.888	-0.069	0.683	1.181	1.510	1.926	2.651	3.695
171	1.70	4.779	5.418	5.122	3.623	1.017	-2.240	-5.475	-8.024	-9.437	-9.584
181	1.80	-8.636	-6.953	-4.937	-2.910	-1.073	0.698	1.799	2.863	3.737	4.474
191	1.90	5.122	5.704	6.187	6.464	6.371	5.747	4.513	2.739	0.662	-1.376
201	2.00	-3.037	-4.103	-4.553	-4.551	-4.354	-4.189	-4.148	-4.161	-4.051	-3.857
211	2.10	-2.939	-2.033	-1.203	-0.730	-0.779	-1.324	-2.164	-3.025	-3.697	-4.130
221	2.20	-4.442	-4.822	-5.385	-6.056	-6.557	-6.515	-5.652	-3.963	-1.775	0.362
231	2.30	1.818	2.366	2.061	1.523	1.496	2.603	5.011	8.296	11.558	13.773
241	2.40	14.190	12.658	9.686	6.220	3.259	1.427	0.746	0.679	0.630	-0.650
251	2.50	-2.729	-5.102	-7.862	-9.265	-9.109	-7.452	-4.879	-2.246	-0.318	-0.518
261	2.60	0.349	-0.385	-1.156	-1.598	-1.669	-1.588	-1.670	-2.113	-2.880	-3.717
271	2.70	-4.293	-4.386	-3.998	-3.336	-2.680	-2.212	-1.895	-1.492	-0.700	0.648
281	2.80	2.436	4.257	5.548	5.833	4.943	3.115	0.926	-0.936	-1.919	-1.824
291	2.90	-0.850	0.519	1.727	2.364	2.298	1.671	0.787	-0.048	-0.642	-0.958
301	3.00	-1.063	-1.039	-0.904	-0.602	-0.043	0.812	1.899	3.049	4.046	4.731
311	3.10	5.071	5.188	5.299	5.613	6.229	7.072	7.917	8.475	8.503	7.906
321	3.20	6.771	5.329	3.871	2.649	1.801	1.332	1.148	1.106	1.078	0.987
331	3.30	0.805	0.540	0.215	-0.150	-0.533	-0.903	-1.211	-1.403	-1.443	-1.342
341	3.40	-1.170	-1.068	-1.104	-1.417	-1.962	-2.595	-3.077	-3.156	-2.647	-1.938
351	3.50	0.008	1.672	3.086	3.949	4.134	3.727	2.988	2.254	1.810	1.798
361	3.60	2.178	2.778	3.380	3.824	4.060	4.148	4.191	4.254	4.312	4.251
371	3.70	3.925	3.249	2.261	1.133	0.106	-0.613	-0.946	-0.991	-0.981	-1.182
381	3.80	-1.776	-2.778	-4.027	-5.264	-6.235	-6.798	-6.960	-6.846	-6.622	-6.409
391	3.90	-6.239	-6.071	-5.846	-5.560	-5.289	-5.173	-5.339	-5.833	-6.570	-7.360
401	4.00	-7.972	-8.229	-8.080	-7.613	-7.009	-6.468	-6.125	-6.012	-6.067	-6.174
411	4.10	-6.214	-6.109	-5.823	-5.360	-4.763	-4.013	-3.232	-2.492	-1.901	-1.555
421	4.20	-1.495	-1.672	-1.950	-2.149	-2.111	-1.770	-1.173	-0.459	0.221	0.775
431	4.30	1.226	1.688	2.306	3.157	4.192	5.239	6.069	6.506	6.507	6.196
441	4.40	5.795	5.524	5.482	5.597	5.659	5.419	4.718	3.570	2.161	0.774
451	4.50	-0.363	-1.077	-1.483	-1.730	-1.988	-2.321	-2.634	-2.719	-2.363	-1.680
461	4.60	-0.189	1.197	2.279	2.729	2.623	1.495	0.291	-0.769	-1.355	-1.347
471	4.70	-0.861	-0.187	0.348	0.520	0.293	-0.173	-0.597	-0.695	-0.295	0.602
481	4.80	1.826	3.105	4.163	4.815	5.013	4.853	4.519	4.213	4.076	4.147
491	4.90	4.354	4.549	4.572	4.309	3.734	2.917	1.994	1.107	0.357	-0.232

Table 7—11—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.712	-1.176	-1.697	-2.306	-2.947	-3.524	-3.927	-4.085	-4.003	-3.750
511	5.10	-3.430	-3.138	-2.914	-2.746	-2.572	-2.346	-2.051	-1.726	-1.445	-1.281
521	5.20	-1.265	-1.367	-1.504	-1.574	-1.496	-1.243	-0.847	-0.371	0.120	0.596
531	5.30	1.072	1.594	2.212	2.950	3.782	4.643	5.440	6.082	6.502	6.673
541	5.40	6.603	6.333	5.918	5.413	4.861	4.284	3.679	3.026	2.304	1.510
551	5.50	0.676	-0.128	-0.808	-1.279	-1.495	-1.479	-1.312	-1.114	-0.989	-0.990
561	5.60	-1.096	-1.228	-1.281	-1.175	-0.887	-0.453	0.046	0.520	0.895	1.125
571	5.70	1.178	1.032	0.666	0.077	-0.697	-1.558	-2.359	-2.939	-3.179	-3.046
581	5.80	-2.618	-2.045	-1.495	-1.083	-0.832	-0.683	-0.568	-0.369	-0.171	-0.051
591	5.90	-0.132	-0.492	-1.109	-1.852	-2.534	-2.980	-3.105	-2.933	-2.575	-2.156
601	6.00	-1.765	-1.407	-1.023	-0.545	0.056	0.740	1.421	2.010	2.463	2.804
611	6.10	3.098	3.397	3.694	3.906	3.916	3.634	3.068	2.333	1.622	1.114
621	6.20	0.893	0.904	0.978	0.916	0.592	0.019	-0.656	-1.226	-1.525	-1.520
631	6.30	-1.325	-1.145	-1.173	-1.491	-2.022	-2.566	-2.894	-2.858	-2.456	-1.837
641	6.40	-1.223	-0.811	-0.687	-0.803	-1.014	-1.158	-1.139	-0.966	-0.731	-0.553
651	6.50	-0.505	-0.572	-0.662	-0.646	-0.432	-0.010	0.561	1.089	1.502	1.708
661	6.60	1.715	1.599	1.458	1.365	1.334	1.317	1.229	0.989	0.556	-0.053
671	6.70	-0.765	-1.476	-2.074	-2.475	-2.633	-2.549	-2.263	-1.866	-1.377	-0.929
681	6.80	-0.548	-0.246	-0.005	0.212	0.434	0.662	0.859	0.954	0.872	0.565
691	6.90	0.039	-0.639	-1.355	-1.985	-2.432	-2.658	-2.681	-2.558	-2.358	-2.132
701	7.00	-1.908	-1.701	-1.529	-1.428	-1.443	-1.603	-1.893	-2.227	-2.467	-2.458
711	7.10	-2.097	-1.378	-0.617	0.581	1.390	1.840	1.883	1.599	1.166	0.781
721	7.20	0.589	0.638	0.872	1.197	1.486	1.680	1.772	1.800	1.811	1.829
731	7.30	1.840	1.813	1.718	1.558	1.369	1.205	1.108	1.020	1.081	1.041
741	7.40	0.893	0.603	0.189	-0.288	-0.744	-1.099	-1.291	-1.290	-1.087	-0.698
751	7.50	-0.182	0.449	1.029	1.448	1.580	1.348	0.764	-0.061	-0.937	-1.653
761	7.60	-2.066	-2.060	-1.757	-1.293	-0.843	-0.539	-0.423	-0.443	-0.502	-0.515
771	7.70	-0.461	-0.386	-0.380	-0.509	-0.773	-1.078	-1.268	-1.187	-0.746	0.032
781	7.80	1.008	1.981	2.769	3.177	3.228	2.961	2.490	1.968	1.450	1.084
791	7.90	0.910	0.971	1.277	1.797	2.439	3.052	3.462	3.527	3.195	2.537
801	8.00	1.731	1.000	0.527	0.375	0.466	0.617	0.618	0.327	-0.272	-1.073
811	8.10	-1.900	-2.593	-3.074	-3.366	-3.558	-3.737	-3.936	-4.112	-4.180	-4.069
821	8.20	-3.777	-3.379	-2.994	-2.714	-2.549	-2.412	-2.163	-1.690	-0.979	-0.140
831	8.30	0.634	1.160	1.352	1.272	1.102	1.048	1.236	1.642	2.098	2.374
841	8.40	2.298	1.841	1.137	0.419	-0.092	-0.293	-0.241	-0.108	-0.082	-0.262
851	8.50	-0.601	-0.931	-1.045	-0.808	-0.219	0.557	1.413	2.093	2.564	2.878
861	8.60	3.116	3.165	3.846	4.213	4.441	4.437	4.195	3.804	3.405	3.113
871	8.70	2.957	2.889	2.726	2.428	1.958	1.401	0.895	0.559	0.418	0.383
881	8.80	0.290	-0.017	-0.595	-1.369	-2.151	-2.726	-2.943	-2.785	-2.372	-1.903
891	8.90	-1.571	-1.484	-1.639	-1.944	-2.273	-2.529	-2.677	-2.736	-2.745	-2.731
901	9.00	-2.692	-2.607	-2.466	-2.290	-2.133	-2.059	-2.099	-2.234	-2.389	-2.466
911	9.10	-2.393	-2.152	-1.812	-1.449	-1.152	-0.951	-0.810	-0.648	-0.386	0.007
921	9.20	0.491	0.972	1.341	1.529	1.536	1.419	1.276	1.176	1.138	1.119
931	9.30	1.046	0.856	0.532	0.122	-0.290	-0.615	-0.802	-0.852	-0.815	-0.754
941	9.40	-0.718	-0.717	-0.726	-0.709	-0.638	-0.514	-0.381	-0.202	-0.044	0.136
951	9.50	0.379	0.723	1.189	1.670	2.139	2.483	2.641	2.621	2.496	2.382
961	9.60	2.389	2.573	2.907	3.283	3.554	3.582	3.288	2.685	1.868	0.985
971	9.70	0.186	-0.115	-0.274	-0.207	-0.277	-0.754	-0.592	-0.418	-0.232	-0.037
981	9.80	0.167	0.264	0.235	-0.021	-0.544	-1.307	-2.201	-3.058	-3.698	-3.988
991	9.90	-3.889	-3.476	-2.913	-2.395	-2.082	-2.045	-2.242	-2.547	-2.797	-2.856

Table 7—11—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.656	-2.210	-1.594	-0.905	-0.230	0.371	0.860	1.206	1.377	1.365
1011	10.10	1.110	0.723	0.295	-0.026	-0.100	0.151	0.701	1.420	2.115	2.597
1021	10.20	2.744	2.543	2.078	1.493	0.932	0.498	0.237	0.155	0.244	0.502
1031	10.30	0.935	1.527	2.222	2.910	3.451	3.718	3.646	3.284	2.683	2.051
1041	10.40	1.492	1.059	0.722	0.404	0.029	-0.627	-0.921	-1.362	-1.665	-1.793
1051	10.50	-1.785	-1.732	-1.732	-1.841	-2.045	-2.271	-2.430	-2.465	-2.384	-2.252
1061	10.60	-2.154	-2.151	-2.247	-2.384	-2.483	-2.475	-2.346	-2.129	-1.883	-1.655
1071	10.70	-1.451	-1.234	-0.953	-0.575	-0.115	0.365	0.787	1.094	1.277	1.376
1081	10.80	1.451	1.541	1.640	1.696	1.668	1.472	1.205	0.945	0.800	0.833
1091	10.90	1.013	1.215	1.271	1.044	0.506	-0.238	-0.980	-1.486	-1.600	-1.299
1101	11.00	-0.709	-0.042	0.488	0.755	0.756	0.595	0.617	0.330	0.358	0.437
1111	11.10	0.459	0.338	0.061	-0.299	-0.611	-0.765	-0.631	-0.284	0.202	0.700
1121	11.20	1.096	1.330	1.401	1.367	1.214	1.033	0.810	0.547	0.259	-0.012
1131	11.30	-0.201	-0.247	-0.122	0.142	0.464	0.740	0.883	0.863	0.715	0.522
1141	11.40	0.372	0.313	0.333	0.358	0.298	0.086	-0.282	-0.741	-1.179	-1.487
1151	11.50	-1.606	-1.546	-1.378	-1.199	-1.080	-1.033	-1.009	-0.920	-0.690	-0.290
1161	11.60	0.235	0.786	1.227	1.460	1.430	1.152	0.698	0.168	-0.338	-0.737
1171	11.70	-0.973	-1.018	-0.868	-0.542	-0.085	0.432	0.922	1.298	1.495	1.492
1181	11.80	1.310	1.004	0.638	0.263	-0.100	-0.453	-0.806	-1.159	-1.485	-1.735
1191	11.90	-1.856	-1.813	-1.604	-1.262	-0.841	-0.391	0.055	0.489	0.915	1.333
1201	12.00	1.727	2.054	2.267	2.330	2.242	2.046	1.816	1.633	1.555	1.593
1211	12.10	1.705	1.810	1.812	1.660	1.267	0.730	0.118	-0.450	-0.859	-1.034
1221	12.20	-0.968	-0.729	-0.436	-0.227	-0.204	-0.396	-0.744	-1.124	-1.394	-1.463
1231	12.30	-1.336	-1.113	-0.974	-1.081	-1.515	-2.223	-3.027	-3.681	-3.966	-3.776
1241	12.40	-3.161	-2.305	-1.458	-0.833	-0.536	-0.539	-0.711	-0.892	-0.967	-0.914
1251	12.50	-0.793	-0.703	-0.722	-0.856	-1.037	-1.153	-1.106	-0.853	-0.433	0.058
1261	12.60	0.510	0.839	1.021	1.084	1.083	1.070	1.069	1.077	1.082	1.080
1271	12.70	1.085	1.123	1.211	1.344	1.483	1.577	1.579	1.476	1.288	1.061
1281	12.80	0.839	0.661	0.456	0.258	0.030	-0.210	-0.409	-0.505	-0.458	-0.284
1291	12.90	-0.056	0.126	0.189	0.125	0.011	-0.032	0.099	0.423	0.837	1.152
1301	13.00	1.171	0.786	0.055	-0.816	-1.514	-1.774	-1.481	-0.726	0.228	1.053
1311	13.10	1.497	1.481	1.320	0.654	0.320	0.246	0.389	0.582	0.627	0.416
1321	13.20	-0.002	-0.441	-0.662	-0.506	0.019	0.725	1.313	1.506	1.173	0.385
1331	13.30	-0.614	-1.513	-2.065	-2.181	-1.951	-1.583	-1.294	-1.212	-1.326	-1.510
1341	13.40	-1.598	-1.474	-1.126	-0.652	-0.209	0.064	0.110	-0.031	-0.242	-0.389
1351	13.50	-0.382	-0.206	0.081	0.388	0.632	0.783	0.860	0.921	1.020	1.181
1361	13.60	1.381	1.565	1.674	1.674	1.577	1.435	1.317	1.275	1.318	1.403
1371	13.70	1.455	1.403	1.213	0.919	0.612	0.411	0.412	0.668	1.053	1.498
1381	13.80	1.820	1.889	1.660	1.187	0.600	0.055	-0.331	-0.521	-0.561	-0.550
1391	13.90	-0.585	-0.716	-0.921	-1.126	-1.241	-1.212	-1.043	-0.792	-0.543	-0.359
1401	14.00	-0.257	-0.199	-0.121	0.036	0.277	0.570	0.834	0.991	0.990	0.831
1411	14.10	0.558	0.237	-0.068	-0.318	-0.503	-0.631	-0.721	-0.784	-0.832	-0.873
1421	14.20	-0.921	-0.988	-1.083	-1.197	-1.302	-1.362	-1.345	-1.240	-1.066	-0.862
1431	14.30	-0.669	-0.508	-0.371	-0.226	-0.042	0.187	0.429	0.621	0.693	0.604
1441	14.40	0.361	0.023	-0.325	-0.608	-0.791	-0.883	-0.926	-0.954	-0.971	-0.938
1451	14.50	-0.799	-0.518	-0.115	0.324	0.672	0.819	0.722	0.444	0.134	-0.050
1461	14.60	0.079	0.478	1.053	1.597	1.895	1.806	1.328	0.593	-0.184	-0.796
1471	14.70	-1.120	-1.158	-1.023	-0.872	-0.836	-0.954	-1.180	-1.397	-1.484	-1.376
1481	14.80	-1.078	-0.672	-0.263	0.066	0.277	0.383	0.417	0.399	0.316	0.123
1491	14.90	-0.225	-0.731	-1.332	-1.897	-2.262	-2.283	-1.892	-1.129	-0.134	0.891

Table 7—11—4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.739	2.262	2.403	2.203	1.778	1.278	0.843	0.568	0.484	0.565
1511	15.10	0.737	0.910	0.998	0.944	0.737	0.414	0.051	-0.260	-0.434	-0.423
1521	15.20	-0.230	0.090	0.445	0.733	0.875	0.834	0.623	0.296	-0.072	-0.407
1531	15.30	-0.654	-0.782	-0.780	-0.656	-0.427	-0.125	0.203	0.488	0.647	0.600
1541	15.40	0.296	-0.261	-0.990	-1.751	-2.367	-2.679	-2.595	-2.123	-1.368	-0.508
1551	15.50	0.271	0.826	1.096	1.113	0.973	0.791	0.652	0.592	0.590	0.601
1561	15.60	0.581	0.515	0.420	0.329	0.271	0.250	0.248	0.232	0.184	0.106
1571	15.70	0.025	-0.029	-0.042	-0.026	-0.019	-0.058	-0.153	-0.277	-0.374	-0.392
1581	15.80	-0.324	-0.223	-0.193	-0.340	-0.716	-1.269	-1.848	-2.248	-2.294	-1.919
1591	15.90	-1.269	-0.377	0.315	0.658	0.583	0.182	-0.332	-0.714	-0.790	-0.513
1601	16.00	0.028	0.666	1.238	1.647	1.891	2.039	2.168	2.314	2.449	2.495
1611	16.10	2.378	2.076	1.643	1.197	0.866	0.757	0.816	1.024	1.240	1.351
1621	16.20	1.301	1.105	0.836	0.578	0.389	0.275	0.193	0.078	-0.121	-0.414
1631	16.30	-0.769	-1.122	-1.410	-1.587	-1.642	-1.591	-1.468	-1.308	-1.143	-0.992
1641	16.40	-0.872	-0.791	-0.750	-0.742	-0.745	-0.731	-0.672	-0.559	-0.406	-0.250
1651	16.50	-0.142	-0.122	-0.202	-0.357	-0.529	-0.666	-0.644	-0.493	-0.204	0.175
1661	16.60	0.575	0.924	1.169	1.279	1.251	1.102	0.859	0.560	0.242	-0.053
1671	16.70	-0.288	-0.433	-0.473	-0.414	-0.283	-0.121	0.027	0.128	0.166	0.146
1681	16.80	0.093	0.036	-0.004	-0.015	-0.003	0.019	0.035	0.037	0.025	0.008
1691	16.90	-0.006	-0.010	-0.002	0.009	0.017	0.016	0.007	-0.007	-0.018	-0.021
1701	17.00	-0.016	-0.007	-0.001	-0.001	-0.010	-0.022	-0.032	-0.035	-0.032	-0.025
1711	17.10	-0.019	-0.019	-0.026	-0.037	-0.047	-0.051	-0.049	-0.043	-0.039	-0.038
1721	17.20	-0.044	-0.054	-0.063	-0.068	-0.068	-0.064	-0.059	-0.059	-0.064	-0.072
1731	17.30	-0.081	-0.087	-0.088	-0.085	-0.082	-0.081	-0.085	-0.092	-0.100	-0.106
1741	17.40	-0.108	-0.107	-0.105	-0.105	-0.108	-0.114	-0.120	-0.125	-0.128	-0.129
1751	17.50	-0.130	-0.132	-0.135	-0.140	-0.144	-0.145	-0.145	-0.147	-0.152	-0.161
1761	17.60	-0.174	-0.182	-0.180	-0.162	-0.129	-0.087	-0.048	-0.021	-0.008	-0.002
1771	17.70	0.017	0.071	0.174	0.322	0.491	0.641	0.732	0.739	0.668	0.553
1781	17.80	0.444	0.385	0.398	0.465	0.541	0.577	0.562	0.450	0.350	0.307
1791	17.90	0.366	0.526	0.729	0.882	0.900	0.747	0.461	0.142	-0.097	-0.181
1801	18.00	-0.119	-0.008	0.012	-0.180	-0.616	-1.207	-1.776	-2.119	-2.097	-1.699
1811	18.10	-1.053	-0.376	0.113	0.281	0.128	-0.220	-0.572	-0.761	-0.705	-0.433
1821	18.20	-0.056	0.289	0.504	0.520	0.496	0.382	0.282	0.225	0.204	0.198
1831	18.30	0.193	0.193	0.220	0.287	0.386	0.487	0.549	0.550	0.497	0.430
1841	18.40	0.597	0.621	0.482	0.520	0.466	0.285	-0.000	-0.306	-0.527	-0.588
1851	18.50	-0.487	-0.306	-0.174	-0.209	-0.456	-0.855	-1.261	-1.507	-1.481	-1.176
1861	18.60	-0.696	-0.216	0.097	0.155	-0.017	-0.294	-0.512	-0.535	-0.312	0.108
1871	18.70	0.601	1.028	1.280	1.319	1.179	0.934	0.670	0.444	0.279	0.160
1881	18.80	0.060	-0.045	-0.162	-0.281	-0.384	-0.455	-0.491	-0.500	-0.500	-0.509
1891	18.90	-0.530	-0.555	-0.562	-0.527	-0.437	-0.301	-0.149	-0.021	0.047	0.043
1901	19.00	-0.015	-0.080	-0.102	-0.051	0.066	0.196	0.268	0.218	0.027	-0.266
1911	19.10	-0.579	-0.815	-0.912	-0.865	-0.725	-0.574	-0.478	-0.449	-0.435	-0.351
1921	19.20	-0.126	0.249	0.700	1.085	1.259	1.128	0.706	0.101	-0.503	-0.940
1931	19.30	-1.115	-1.041	-0.822	-0.603	-0.500	-0.557	-0.730	-0.916	-1.006	-0.933
1941	19.40	-0.695	-0.345	0.035	0.379	0.658	0.881	1.078	1.268	1.441	1.561
1951	19.50	1.581	1.470	1.234	0.917	0.591	0.326	0.168	0.126	0.172	0.257
1961	19.60	0.337	0.381	0.387	0.365	0.338	0.320	0.315	0.320	0.324	0.320
1971	19.70	0.307	0.290	0.276	0.268	0.268	0.270	0.270	0.263	0.251	0.237
1981	19.80	0.225	0.219	0.218	0.218	0.216	0.209	0.197	0.185	0.176	0.171
1991	19.90	0.170	0.168	0.164	0.156	0.146	0.135	0.128	0.125	0.124	0.122

Table 7—11—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.116	0.106	0.094	0.085	0.081	0.081	0.081	0.078	0.070	0.057
2011	20.10	0.043	0.035	0.035	0.039	0.042	0.038	0.026	0.008	-0.008	-0.015
2021	20.20	-0.011	-0.001	0.006	0.002	-0.015	-0.039	-0.059	-0.065	-0.056	-0.039
2031	20.30	-0.027	-0.032	-0.054	-0.086	-0.110	-0.116	-0.101	-0.076	-0.058	-0.063
2041	20.40	-0.090	-0.129	-0.159	-0.165	-0.169	-0.122	-0.102	-0.096	-0.092	-0.063
2051	20.50	0.019	0.154	0.308	0.415	0.402	0.228	-0.091	-0.478	-0.820	-1.018
2061	20.60	-1.030	-0.892	-0.697	-0.553	-0.526	-0.603	-0.697	-0.691	-0.499	-0.114
2071	20.70	0.378	0.836	1.122	1.166	0.993	0.708	0.410	0.278	0.233	0.232
2081	20.80	0.171	-0.030	-0.369	-0.756	-1.069	-1.114	-0.893	-0.438	0.099	0.525
2091	20.90	0.672	0.464	-0.059	-0.755	-1.435	-1.923	-2.116	-2.004	-1.669	-1.247
2101	21.00	-0.879	-0.665	-0.636	-0.749	-0.908	-1.005	-0.956	-0.731	-0.362	0.076
2111	21.10	0.493	0.824	1.046	1.175	1.245	1.278	1.263	1.159	0.913	0.502
2121	21.20	-0.042	-0.628	-1.134	-1.446	-1.504	-1.333	-1.021	-0.687	-0.426	-0.277
2131	21.30	-0.211	-0.158	-0.069	0.147	0.404	0.655	0.820	0.852	0.752	0.567
2141	21.40	0.368	0.216	0.140	0.131	0.154	0.176	0.179	0.166	0.155	0.164
2151	21.50	0.197	0.243	0.280	0.293	0.279	0.249	0.223	0.216	0.233	0.266
2161	21.60	0.298	0.316	0.312	0.295	0.276	0.268	0.276	0.298	0.323	0.361
2171	21.70	0.345	0.338	0.324	0.315	0.315	0.327	0.348	0.368	0.381	0.381
2181	21.80	0.370	0.355	0.347	0.353	0.375	0.406	0.429	0.427	0.388	0.312
2191	21.90	0.216	0.124	0.058	0.032	0.040	0.065	0.083	0.078	0.051	0.015
2201	22.00	-0.012	-0.018	-0.004	0.013	0.013	-0.014	-0.063	-0.114	-0.143	-0.136
2211	22.10	-0.103	-0.068	-0.063	-0.101	-0.173	-0.247	-0.284	-0.266	-0.203	-0.138
2221	22.20	-0.117	-0.170	-0.285	-0.410	-0.479	-0.444	-0.309	-0.130	0.006	0.023
2231	22.30	-0.104	-0.331	-0.560	-0.664	-0.639	-0.435	-0.153	0.089	0.194	0.126
2241	22.40	-0.070	-0.295	-0.443	-0.448	-0.314	-0.105	0.093	0.210	0.234	0.205
2251	22.50	0.195	0.269	0.449	0.706	0.971	1.169	1.248	1.197	1.045	0.839
2261	22.60	0.619	0.411	0.215	0.022	-0.173	-0.365	-0.538	-0.676	-0.771	-0.826
2271	22.70	-0.854	-0.871	-0.880	-0.877	-0.852	-0.801	-0.736	-0.676	-0.656	-0.696
2281	22.80	-0.795	-0.925	-1.037	-1.072	-0.982	-0.740	-0.348	0.166	0.744	1.320
2291	22.90	1.815	2.152	2.272	2.152	1.813	1.329	0.812	0.381	0.127	0.078
2301	23.00	0.186	0.345	0.426	0.332	0.031	-0.428	-0.933	-1.359	-1.612	-1.662
2311	23.10	-1.545	-1.340	-1.127	-0.952	-0.818	-0.694	-0.548	-0.371	-0.192	-0.061
2321	23.20	-0.018	-0.062	-0.140	-0.160	-0.035	0.275	0.736	1.239	1.639	1.811
2331	23.30	1.702	1.355	0.897	0.491	0.275	0.312	0.566	0.921	1.227	1.354
2341	23.40	1.241	0.916	0.477	0.052	-0.247	-0.367	-0.330	-0.218	-0.137	-0.173
2351	23.50	-0.354	-0.638	-0.932	-1.127	-1.144	-0.969	-0.660	-0.321	-0.066	0.037
2361	23.60	-0.014	-0.149	-0.263	-0.258	-0.094	0.202	0.538	0.806	0.924	0.871
2371	23.70	0.694	0.494	0.360	0.353	0.470	0.651	0.811	0.870	0.791	0.589
2381	23.80	0.317	0.045	-0.169	-0.302	-0.365	-0.395	-0.439	-0.550	-0.679	-0.869
2391	23.90	-1.064	-1.221	-1.306	-1.307	-1.235	-1.124	-1.013	-0.931	-0.887	-0.857
2401	24.00	-0.806	-0.696	-0.517	-0.294	-0.081	0.055	0.071	-0.032	-0.200	-0.346
2411	24.10	-0.387	-0.276	-0.024	0.292	0.577	0.745	0.760	0.644	0.465	0.303
2421	24.20	0.214	0.212	0.269	0.334	0.365	0.367	0.292	0.231	0.193	0.190
2431	24.30	0.210	0.232	0.235	0.215	0.179	0.146	0.129	0.130	0.138	0.140
2441	24.40	0.127	0.100	0.070	0.052	0.053	0.067	0.081	0.077	0.044	-0.019
2451	24.50	-0.100	-0.186	-0.260	-0.311	-0.334	-0.328	-0.296	-0.249	-0.207	-0.198
2461	24.60	-0.250	-0.381	-0.586	-0.835	-1.077	-1.251	-1.315	-1.254	-1.089	-0.868
2471	24.70	-0.648	-0.474	-0.373	-0.346	-0.378	-0.451	-0.544	-0.635	-0.702	-0.718
2481	24.80	-0.661	-0.525	-0.327	-0.108	0.074	0.177	0.187	0.133	0.078	0.089
2491	24.90	0.205	0.418	0.669	0.874	0.963	0.913	0.782	0.590	0.490	0.525

Table 7—11—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1104 907-GR-1-139 U-D (U-D) TAIRA BRIDGE MAX. ACC. = 18.581 (GAL) T= 0.69 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.703	0.979	1.273	1.501	1.602	1.544	1.327	0.962	0.471	-0.111
2511	25.10	-0.728	-1.296	-1.711	-1.882	-1.763	-1.385	-0.857	-0.334	0.040	0.187
2521	25.20	0.131	-0.016	-0.099	0.004	0.332	0.815	1.308	1.653	1.747	1.587
2531	25.30	1.264	0.923	0.693	0.638	0.733	0.890	1.005	1.015	0.919	0.776
2541	25.40	0.667	0.649	0.726	0.868	0.941	0.945	0.849	0.701	0.580	0.559
2551	25.50	0.665	0.859	1.049	1.121	0.985	0.614	0.049	-0.604	-1.217	-1.673
2561	25.60	-1.900	-1.887	-1.676	-1.355	-1.023	-0.774	-0.673	-0.742	-0.957	-1.251
2571	25.70	-1.526	-1.678	-1.621	-1.317	-0.793	-0.137	0.514	1.016	1.250	1.167
2581	25.80	0.798	0.252	-0.324	-0.785	-1.037	-1.067	-0.941	-0.771	-0.673	-0.712
2591	25.90	-0.881	-1.095	-1.239	-1.206	-0.956	-0.527	-0.024	0.424	0.716	0.817
2601	26.00	0.761	0.620	0.464	0.319	0.158	-0.076	-0.422	-0.862	-1.308	-1.619
2611	26.10	-1.667	-1.393	-0.842	-0.160	0.465	0.871	0.986	0.855	0.607	0.400
2621	26.20	0.349	0.486	0.754	1.067	1.259	1.331	1.265	1.111	0.932	0.774
2631	26.30	0.669	0.548	0.456	0.370	0.306	0.287	0.325	0.408	0.501	0.566
2641	26.40	0.575	0.531	0.461	0.401	0.380	0.401	0.444	0.480	0.487	0.464
2651	26.50	0.427	0.398	0.392	0.406	0.426	0.433	0.420	0.394	0.374	0.371
2661	26.60	0.388	0.409	0.415	0.393	0.351	0.313	0.303	0.331	0.385	0.427
2671	26.70	0.424	0.362	0.264	0.183	0.173	0.262	0.422	0.578	0.632	0.506
2681	26.80	0.180	-0.296	-0.817	-1.263	-1.560	-1.613	-1.502	-1.270	-0.989	-0.716
2691	26.90	-0.489	-0.328	-0.252	-0.284	-0.461	-0.722	-1.091	-1.475	-1.786	-1.944
2701	27.00	-1.919	-1.736	-1.476	-1.233	-1.081	-1.041	-1.072	-1.094	-1.025	-0.820
2711	27.10	-0.489	-0.096	0.268	0.528	0.643	0.627	0.532	0.420	0.341	0.310
2721	27.20	0.317	0.357	0.354	0.374	0.418	0.510	0.651	0.807	0.909	0.884
2731	27.30	0.683	0.318	-0.136	-0.555	-0.812	-0.832	-0.623	-0.280	0.051	0.232
2741	27.40	0.192	-0.041	-0.353	-0.589	-0.623	-0.410	-0.005	0.461	0.840	1.025
2751	27.50	0.995	0.812	0.585	0.422	0.380	0.452	0.576	0.666	0.667	0.561
2761	27.60	0.373	0.149	-0.064	-0.242	-0.395	-0.509	-0.630	-0.750	-0.861	-0.944
2771	27.70	-0.984	-0.970	-0.705	-0.796	-0.657	-0.503	-0.352	-0.224	-0.136	-0.098
2781	27.80	-0.106	-0.141	-0.179	-0.200	-0.199	-0.187	-0.189	-0.220	-0.282	-0.350
2791	27.90	-0.385	-0.350	-0.229	-0.041	0.168	0.341	0.429	0.415	0.310	0.156
2801	28.00	0.008	-0.081	-0.067	0.074	0.338	0.686	1.040	1.294	1.338	1.103
2811	28.10	0.592	-0.089	-0.759	-1.211	-1.297	-0.987	-0.399	0.237	0.669	0.724
2821	28.20	0.376	-0.239	-0.889	-1.340	-1.454	-1.233	-0.802	-0.331	0.050	0.299
2831	28.30	0.465	0.630	0.835	1.041	1.138	1.000	0.575	-0.073	-0.763	-1.265
2841	28.40	-1.402	-1.124	-0.543	0.120	0.621	0.792	0.598	0.137	-0.419	-0.900
2851	28.50	-1.198	-1.289	-1.210	-1.015	-0.746	-0.423	-0.058	0.318	0.645	0.852
2861	28.60	0.883	0.740	0.485	0.223	0.049	0.009	0.073	0.154	0.155	0.023
2871	28.70	-0.217	-0.469	-0.607	-0.542	-0.261	0.166	0.604	0.932	1.076	1.040
2881	28.80	0.892	0.721	0.594	0.522	0.470	0.385	0.236	0.042	-0.126	-0.183
2891	28.90	-0.061	0.245	0.672	1.107	1.428	1.555	1.477	1.261	1.027	0.896
2901	29.00	0.947	1.181	1.519	1.829	1.971	1.857	1.483	0.939	0.384	-0.010
2911	29.10	-0.119	0.085	0.522	1.029	1.422	1.561	1.406	1.030	0.588	0.256
2921	29.20	0.161	0.331	0.683	1.060	1.291	1.256	0.930	0.389	-0.227	-0.764
2931	29.30	-1.108	-1.221	-1.138							

Table 7—12—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1105 907-GR-1-139 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 67.300 (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	63.392	62.140	67.300	55.048	27.881	-6.131	-36.466	-54.270	-55.663	-42.850
11	0.10	-22.685	-3.521	8.152	9.813	3.060	-8.054	-19.069	-27.077	-31.180	-31.912
21	0.20	-30.124	-26.183	-19.953	-11.467	-1.703	7.180	12.469	12.138	6.015	-3.818
31	0.30	-13.737	-20.146	-21.138	-17.421	-12.011	-8.804	-10.703	-15.185	-28.973	-38.933
41	0.40	-43.751	-40.630	-29.277	-11.867	7.880	26.006	39.460	46.689	47.656	43.651
51	0.50	35.829	26.808	18.408	12.423	10.145	12.053	17.590	25.193	32.640	37.676
61	0.60	38.666	35.091	27.634	17.903	7.908	-0.510	-6.089	-8.327	-7.449	-4.246
71	0.70	0.137	4.424	7.445	8.380	6.966	3.598	-0.766	-4.859	-7.523	-8.043
81	0.80	-6.339	-2.914	1.410	5.811	9.768	12.819	15.057	16.360	16.588	15.551
91	0.90	13.164	9.616	5.444	1.448	-1.533	-2.885	-2.424	-0.440	2.384	5.144
101	1.00	6.910	6.875	4.500	-0.375	-7.410	-15.717	-23.934	-30.478	-33.959	-33.623
111	1.10	-29.658	-23.210	-16.059	-10.054	-6.528	-5.917	-7.733	-10.877	-14.130	-16.601
121	1.20	-17.939	-18.272	-17.944	-17.245	-16.266	-14.952	-13.274	-11.598	-9.700	-8.613
131	1.30	-8.368	-8.778	-9.206	-8.761	-6.656	-2.575	5.119	9.444	13.102	18.908
141	1.40	20.187	18.979	15.995	12.351	9.196	7.357	7.128	8.246	10.061	11.201
151	1.50	12.865	13.011	12.396	11.445	10.599	10.069	9.675	8.884	7.035	5.665
161	1.60	-1.189	-6.873	-12.250	-16.059	-17.369	-15.930	-12.287	-7.583	-3.145	-0.010
171	1.70	1.396	1.326	0.502	-0.255	-0.386	0.212	1.223	2.127	2.487	2.159
181	1.80	1.339	0.449	-0.083	-0.013	0.619	1.532	2.365	2.769	2.632	2.099
191	1.90	1.411	0.869	0.599	0.674	0.925	1.112	1.015	0.527	-0.304	-1.301
201	2.00	-2.241	-2.965	-3.464	-3.891	-4.507	-5.556	-7.134	-9.098	-11.068	-12.531
211	2.10	-13.005	-12.209	-10.162	-7.181	-3.776	-0.485	2.280	4.330	5.697	6.569
221	2.20	7.188	7.759	8.401	9.152	9.981	10.821	11.583	12.156	12.421	12.267
231	2.30	11.624	10.496	8.972	7.213	5.414	3.752	2.358	1.305	0.619	0.299
241	2.40	0.322	0.626	1.094	1.538	1.722	1.621	0.496	-1.059	-2.990	-5.020
251	2.50	-6.726	-7.757	-7.898	-7.151	-5.623	-3.690	-1.713	-0.063	0.966	1.209
261	2.60	0.650	-0.525	-2.197	-3.891	-5.325	-6.251	-6.562	-6.316	-5.717	-5.058
271	2.70	-4.647	-4.733	-5.449	-6.791	-8.607	-10.611	-12.424	-13.620	-13.818	-12.767
281	2.80	-10.465	-7.103	-3.248	0.465	3.391	5.083	5.420	4.649	3.307	2.051
291	2.90	1.462	1.876	3.317	5.525	8.081	10.555	12.633	14.175	15.194	15.786
301	3.00	16.035	15.959	15.507	14.609	13.257	11.582	9.864	8.487	7.825	8.097
311	3.10	9.255	10.948	12.596	13.538	13.258	11.545	8.579	4.885	1.171	-1.888
321	3.20	-3.865	-4.579	-4.276	-3.320	-2.137	-1.071	-0.329	-0.001	-0.109	-0.658
331	3.30	-1.639	-2.997	-4.587	-6.164	-7.432	-8.136	-8.161	-7.586	-6.661	-5.714
341	3.40	-5.030	-4.267	-4.929	-5.432	-6.185	-7.161	-8.385	-9.875	-11.535	-13.106
351	3.50	-14.192	-14.387	-13.446	-11.415	-8.562	-5.780	-3.539	-1.927	-1.520	-1.977
361	3.60	-2.897	-3.852	-4.563	-4.870	-4.917	-4.858	-4.859	-5.018	-5.353	-5.837
371	3.70	-6.424	-7.056	-7.637	-8.916	-7.989	-7.363	-6.043	-4.113	-1.859	0.294
381	3.80	1.914	2.709	2.624	1.863	0.799	-0.155	-0.673	-0.594	0.082	1.245
391	3.90	2.745	4.440	6.203	7.921	9.476	10.765	11.725	12.358	12.734	12.945
401	4.00	13.059	13.071	12.916	12.518	11.875	11.097	10.395	9.987	9.968	10.226
411	4.10	10.461	10.200	9.182	7.327	4.902	2.432	0.502	-0.461	-0.340	0.652
421	4.20	2.100	3.577	4.813	5.765	6.461	7.061	7.537	7.753	7.519	6.736
431	4.30	5.499	4.097	2.886	2.104	1.713	1.377	0.605	-1.010	-3.554	-6.691
441	4.40	-9.752	-11.999	-12.926	-12.483	-11.102	-9.525	-8.504	-8.520	-9.628	-11.498
451	4.50	-13.599	-15.438	-16.733	-17.462	-17.780	-17.878	-17.865	-17.737	-17.437	-16.945
461	4.60	-16.350	-15.835	-15.586	-15.672	-15.968	-16.163	-15.874	-14.798	-12.858	-10.249
471	4.70	-7.376	-4.704	-2.586	-1.137	-0.207	0.546	1.516	2.999	5.091	7.657
481	4.80	10.389	12.905	14.870	16.084	16.527	16.345	15.783	15.111	14.531	14.135
491	4.90	13.908	13.768	13.635	13.488	13.381	13.400	13.599	13.922	14.179	14.087

Table 7—12—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1105 907-GR-1-139 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 67.300 (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	13.379	11.928	9.847	7.483	5.228	3.855	3.345	3.794	4.926	6.298
511	5.10	7.477	8.180	8.337	8.069	7.581	7.056	6.587	6.372	5.762	5.325
521	5.20	4.869	4.428	4.009	3.552	2.932	2.013	0.726	-0.870	-2.582	-4.156
531	5.30	-5.382	-6.192	-6.692	-7.108	-7.675	-8.522	-9.610	-10.756	-11.731	-12.375
541	5.40	-12.671	-12.748	-12.798	-12.976	-13.322	-13.748	-14.100	-14.254	-14.184	-13.978
551	5.50	-13.780	-13.710	-13.785	-13.907	-13.914	-13.657	-13.072	-12.201	-11.151	-10.021
561	5.60	-8.838	-7.568	-6.055	-4.300	-2.325	-0.279	1.624	3.196	4.354	5.150
571	5.70	5.741	6.304	6.953	7.694	8.427	9.017	9.356	9.421	9.271	9.013
581	5.80	8.743	8.507	8.299	8.084	7.843	7.594	7.394	7.305	7.363	7.551
591	5.90	7.806	8.048	8.209	8.259	8.212	8.105	7.981	7.875	7.810	7.804
601	6.00	7.871	8.009	8.188	8.336	8.354	8.145	7.657	6.922	6.061	5.250
611	6.10	4.654	4.362	4.343	4.455	4.494	4.266	3.655	2.669	1.333	-0.161
621	6.20	-1.699	-3.183	-4.559	-5.805	-6.913	-7.882	-8.716	-9.437	-10.085	-10.712
631	6.30	-11.357	-12.030	-12.703	-13.324	-13.846	-14.256	-14.584	-14.891	-15.230	-15.618
641	6.40	-16.017	-16.347	-16.524	-16.499	-16.274	-15.898	-15.429	-14.893	-14.267	-13.685
651	6.50	-12.474	-11.201	-9.695	-8.039	-6.337	-4.672	-3.073	-1.522	0.017	1.561
661	6.60	3.090	4.561	5.944	7.259	8.586	10.032	11.665	13.447	15.218	16.719
671	6.70	17.705	18.029	17.719	16.979	16.101	15.354	14.886	14.685	14.627	14.575
681	6.80	14.465	14.338	14.289	14.370	14.499	14.446	13.913	12.687	10.794	8.569
691	6.90	6.481	5.124	4.780	5.358	6.370	7.120	6.987	5.702	3.471	0.893
701	7.00	-1.301	-2.575	-2.823	-2.418	-2.036	-2.346	-3.709	-6.609	-8.706	-11.064
711	7.10	-12.463	-12.664	-11.787	-10.405	-9.103	-8.337	-8.251	-8.685	-9.286	-9.698
721	7.20	-9.731	-9.400	-8.896	-8.469	-8.312	-8.489	-8.928	-9.471	-9.946	-10.209
731	7.30	-10.194	-9.895	-9.362	-8.684	-7.977	-7.364	-6.952	-6.797	-6.885	-7.120
741	7.40	-7.350	-7.408	-7.159	-6.530	-5.517	-4.165	-2.550	-0.757	1.109	2.916
751	7.50	4.508	5.725	6.457	6.695	6.552	6.241	6.007	6.023	6.335	6.843
761	7.60	7.363	7.722	7.852	7.821	7.794	7.936	8.315	8.855	9.362	9.629
771	7.70	9.543	9.161	8.692	8.403	8.488	8.965	9.660	10.269	10.494	10.162
781	7.80	9.294	8.081	6.795	5.674	4.843	4.289	3.910	3.570	3.166	2.666
791	7.90	1.996	1.217	0.312	-0.709	-1.804	-2.881	-3.820	-4.504	-4.876	-4.966
801	8.00	-4.879	-4.747	-4.660	-4.629	-4.592	-4.478	-4.278	-4.098	-4.138	-4.611
811	8.10	-5.623	-7.089	-8.715	-10.083	-10.804	-10.666	-9.731	-8.316	-6.879	-5.869
821	8.20	-5.478	-5.770	-6.505	-7.345	-7.961	-8.152	-7.871	-7.213	-6.350	-5.659
831	8.30	-4.671	-4.058	-3.629	-3.353	-3.167	-2.993	-2.746	-2.357	-1.790	-1.055
841	8.40	-0.210	0.658	1.465	2.155	2.713	3.154	3.499	3.759	3.920	3.970
851	8.50	3.920	3.823	3.777	3.891	4.241	4.828	5.572	6.333	6.967	7.376
861	8.60	7.543	7.528	7.440	7.389	7.457	7.681	8.069	8.606	9.266	9.992
871	8.70	10.684	11.187	11.313	10.893	9.862	8.209	6.189	4.077	2.185	0.745
881	8.80	-0.161	-0.616	-0.823	-1.026	-1.422	-2.101	-3.035	-4.105	-5.158	-6.066
891	8.90	-6.761	-7.250	-7.594	-7.884	-8.200	-8.588	-9.046	-9.524	-9.949	-10.246
901	9.00	-10.377	-10.348	-10.213	-10.045	-9.901	-9.787	-9.649	-9.391	-8.917	-8.186
911	9.10	-7.234	-6.180	-5.178	-4.369	-3.821	-3.519	-3.378	-3.291	-3.163	-2.944
921	9.20	-2.610	-2.142	-1.504	-0.845	0.470	1.810	3.257	4.616	5.674	6.280
931	9.30	6.416	6.207	5.880	5.668	5.713	6.020	6.463	6.862	7.078	7.084
941	9.40	6.998	6.926	7.085	7.518	8.187	8.881	9.480	9.830	9.879	9.662
951	9.50	9.257	8.744	8.173	7.569	6.952	6.361	5.856	5.497	5.316	5.286
961	9.60	5.327	5.330	5.200	4.886	4.389	3.750	3.011	2.204	1.338	0.622
971	9.70	-0.514	-1.618	-2.229	-2.912	-3.484	-4.013	-4.588	-5.266	-6.026	-6.761
981	9.80	-7.321	-7.575	-7.487	-7.137	-6.694	-6.346	-6.209	-6.285	-6.473	-6.628
991	9.90	-6.648	-6.530	-6.367	-6.291	-6.392	-6.655	-6.957	-7.126	-7.029	-6.646

Table 7—12—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1105 907-GR-1-139 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 67.30G (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-6.090	-5.559	-5.265	-5.269	-5.542	-5.994	-6.436	-6.767	-6.884	-6.877
1011	10.10	-6.766	-6.550	-6.170	-5.535	-4.602	-3.430	-2.197	-1.143	-0.472	-0.241
1021	10.20	-0.317	-0.416	-0.209	0.536	1.855	3.576	5.395	7.001	8.203	8.979
1031	10.30	9.455	9.806	10.160	10.536	10.855	11.007	10.931	10.659	10.302	9.971
1041	10.40	9.701	9.410	8.925	8.079	6.821	5.284	3.767	2.632	2.150	2.381
1051	10.50	3.130	4.016	4.627	4.681	4.129	3.162	2.100	1.245	0.745	0.568
1061	10.60	0.459	0.264	-0.141	-0.685	-1.147	-1.273	-0.912	-0.116	0.865	1.668
1071	10.70	1.968	1.616	0.691	-0.532	-1.710	-2.571	-3.014	-3.126	-3.108	-3.168
1081	10.80	-3.412	-3.810	-4.226	-4.507	-4.567	-4.442	-4.264	-4.192	-4.332	-4.674
1091	10.90	-5.102	-5.450	-5.585	-5.474	-5.198	-4.917	-4.791	-4.916	-5.281	-5.786
1101	11.00	-6.275	-6.620	-6.729	-6.576	-6.170	-5.536	-4.687	-3.654	-2.484	-1.267
1111	11.10	-0.124	0.823	1.493	1.883	2.066	2.162	2.275	2.454	2.652	2.770
1121	11.20	2.701	2.390	1.867	1.236	0.628	0.140	-0.210	-0.479	-0.765	-1.147
1131	11.30	-1.639	-2.179	-2.656	-2.964	-3.068	-2.924	-2.665	-2.354	-2.048	-1.753
1141	11.40	-1.437	-1.064	-0.626	-0.159	0.278	0.636	0.910	1.150	1.440	1.852
1151	11.50	2.405	3.046	3.671	4.169	4.479	4.617	4.671	4.754	4.942	5.236
1161	11.60	5.544	5.720	5.624	5.179	4.609	3.634	2.633	1.585	1.021	0.801
1171	11.70	0.909	1.278	1.822	2.452	3.092	3.677	4.146	4.441	4.511	4.319
1181	11.80	3.858	3.162	2.308	1.410	0.600	0.003	-0.299	-0.290	-0.033	0.345
1191	11.90	0.682	0.833	0.707	0.305	-0.295	-0.959	-1.552	-1.984	-2.234	-2.349
1201	12.00	-2.411	-2.501	-2.662	-2.889	-3.135	-3.340	-3.457	-3.465	-3.376	-3.225
1211	12.10	-3.061	-2.934	-2.896	-2.992	-3.251	-3.672	-4.204	-4.752	-5.184	-5.376
1221	12.20	-5.241	-4.787	-4.106	-3.353	-2.695	-2.254	-2.061	-2.051	-2.092	-2.043
1231	12.30	-1.808	-1.368	-0.787	-0.179	0.341	0.698	0.884	0.958	1.022	1.189
1241	12.40	1.543	2.116	2.874	3.721	4.515	5.103	5.351	5.192	4.645	3.827
1251	12.50	2.934	2.193	1.799	1.859	2.349	3.118	3.927	4.519	4.703	4.411
1261	12.60	3.722	2.836	1.991	1.399	1.147	1.182	1.322	1.331	1.012	0.284
1271	12.70	-0.777	-1.963	-3.007	-3.680	-3.868	-3.612	-3.075	-2.481	-2.028	-1.831
1281	12.80	-1.899	-2.162	-2.522	-2.891	-3.217	-3.467	-3.611	-3.605	-3.403	-2.989
1291	12.90	-2.417	-1.818	-1.372	-1.241	-1.491	-2.053	-2.727	-3.261	-3.454	-3.238
1301	13.00	-2.712	-2.096	-1.629	-1.459	-1.581	-1.861	-2.015	-1.911	-1.455	-0.715
1311	13.10	0.165	0.945	1.577	2.037	2.414	2.826	3.354	4.001	4.698	5.346
1321	13.20	5.861	6.208	6.394	6.448	6.387	6.212	5.917	5.520	5.082	4.694
1331	13.30	4.452	4.390	4.470	4.576	4.567	4.360	3.880	3.274	2.667	2.197
1341	13.40	1.927	1.824	1.776	1.657	1.390	0.981	0.506	0.062	-0.299	-0.606
1351	13.50	-0.962	-1.487	-2.252	-3.222	-4.255	-5.143	-5.692	-5.801	-5.505	-4.962
1361	13.60	-4.405	-4.050	-4.033	-4.362	-4.925	-5.532	-5.981	-6.122	-5.909	-5.363
1371	13.70	-4.648	-3.927	-3.382	-3.055	-3.024	-3.211	-3.502	-3.776	-3.940	-3.957
1381	13.80	-3.837	-3.624	-3.361	-3.072	-2.749	-2.367	-1.903	-1.359	-0.765	-0.177
1391	13.90	0.341	0.739	0.996	1.122	1.160	1.175	1.248	1.457	1.860	2.474
1401	14.00	3.259	4.109	4.877	5.413	5.618	5.486	5.112	4.662	4.311	4.169
1411	14.10	4.247	4.451	4.643	4.710	4.619	4.433	4.268	4.225	4.318	4.462
1421	14.20	4.507	4.318	3.852	3.197	2.545	2.105	2.015	2.270	2.736	3.196
1431	14.30	3.476	3.487	3.263	2.912	2.533	2.158	1.727	1.137	0.317	-0.707
1441	14.40	-1.794	-2.745	-3.389	-3.674	-3.698	-3.669	-3.812	-4.259	-4.985	-5.821
1451	14.50	-6.526	-6.896	-6.850	-6.467	-5.868	-5.236	-4.736	-4.384	-4.163	-3.955
1461	14.60	-3.789	-3.661	-3.612	-3.658	-3.753	-3.785	-3.615	-3.145	-2.378	-1.437
1471	14.70	-0.529	0.125	0.376	0.202	-0.287	-0.891	-1.395	-1.632	-1.533	-1.129
1481	14.80	-0.529	0.120	0.673	1.018	1.100	0.931	0.592	0.218	-0.032	-0.025
1491	14.90	0.304	0.920	1.689	2.423	2.939	3.128	2.993	2.637	2.220	1.894

Table 7—12—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1105 907-GR-1-139 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 67.300 (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.743	1.769	1.907	2.072	2.206	2.304	2.398	2.531	2.718	2.931
1511	15.10	3.113	3.210	3.200	3.115	3.012	2.958	2.975	3.033	3.059	2.981
1521	15.20	2.762	2.429	2.058	1.739	1.528	1.417	1.334	1.177	0.864	0.370
1531	15.30	-0.260	-0.935	-1.562	-2.086	-2.506	-2.862	-3.197	-3.515	-3.772	-3.886
1541	15.40	-3.786	-3.457	-2.969	-2.462	-2.098	-1.996	-2.176	-2.545	-2.938	-3.177
1551	15.50	-3.152	-2.863	-2.419	-1.984	-1.704	-1.643	-1.752	-1.893	-1.910	-1.693
1561	15.60	-1.237	-0.638	-0.054	0.364	0.538	0.485	0.305	0.126	0.046	0.092
1571	15.70	0.222	0.356	0.428	0.421	0.377	0.372	0.476	0.716	1.067	1.469
1581	15.80	1.851	2.213	2.531	2.845	3.170	3.682	3.715	3.783	3.627	3.230
1591	15.90	2.732	2.204	1.798	1.595	1.589	1.696	1.788	1.744	1.501	1.065
1601	16.00	0.497	-0.115	-0.694	-1.195	-1.596	-1.891	-2.072	-2.127	-2.048	-1.848
1611	16.10	-1.568	-1.271	-1.018	-0.853	-0.780	-0.778	-0.818	-0.889	-1.008	-1.214
1621	16.20	-1.538	-1.966	-2.422	-2.778	-2.891	-2.662	-2.083	-1.256	-0.370	0.358
1631	16.30	0.751	0.736	0.363	-0.207	-0.767	-1.123	-1.161	-0.880	-0.376	0.187
1641	16.40	0.642	0.869	0.828	0.565	0.186	-0.181	-0.434	-0.516	-0.429	-0.220
1651	16.50	0.050	0.325	0.571	0.777	0.942	1.071	1.158	1.200	1.199	1.173
1661	16.60	1.159	1.205	1.357	1.642	2.058	2.577	3.145	3.692	4.163	4.420
1671	16.70	4.461	4.228	3.731	3.032	2.247	1.523	0.991	0.726	0.718	0.874
1681	16.80	1.053	1.124	1.014	0.735	0.364	-0.002	-0.299	-0.525	-0.737	-1.004
1691	16.90	-1.359	-1.770	-2.146	-2.381	-2.417	-2.282	-2.087	-1.979	-2.069	-2.379
1701	17.00	-2.823	-3.253	-3.519	-3.546	-3.357	-3.056	-2.769	-2.581	-2.498	-2.454
1711	17.10	-2.359	-2.151	-1.829	-1.451	-1.096	-0.821	-0.638	-0.519	-0.426	-0.352
1721	17.20	-0.328	-0.405	-0.613	-0.921	-1.232	-1.413	-1.357	-1.046	-0.568	-0.089
1731	17.30	0.211	0.224	-0.043	-0.473	-0.893	-1.157	-1.205	-1.082	-0.902	-0.790
1741	17.40	-0.810	-0.944	-1.104	-1.178	-1.089	-0.818	-0.409	0.062	0.531	0.965
1751	17.50	1.367	1.757	2.145	2.519	2.851	3.111	3.296	3.433	3.576	3.776
1761	17.60	4.065	4.430	4.822	5.172	5.412	5.497	5.415	5.185	4.848	4.459
1771	17.70	4.077	3.758	3.544	3.457	3.484	3.577	3.661	3.653	3.483	3.122
1781	17.80	2.588	1.942	1.265	0.639	0.116	-0.289	-0.596	-0.846	-1.083	-1.339
1791	17.90	-1.624	-1.930	-2.235	-2.521	-2.778	-3.013	-3.246	-3.500	-3.798	-4.142
1801	18.00	-4.516	-4.885	-5.200	-5.415	-5.499	-5.442	-5.257	-4.976	-4.643	-4.304
1811	18.10	-4.006	-3.786	-3.669	-3.661	-3.744	-3.875	-3.999	-4.060	-4.029	-3.915
1821	18.20	-3.766	-3.645	-3.614	-3.689	-3.837	-3.977	-4.018	-3.890	-3.575	-3.111
1831	18.30	-2.569	-2.018	-1.502	-1.021	-0.551	-0.069	0.423	0.896	1.307	1.633
1841	18.40	1.888	2.132	2.432	2.833	3.314	3.798	4.173	4.355	4.333	4.182
1851	18.50	4.037	4.025	4.197	4.495	4.771	4.851	4.626	4.111	3.458	2.699
1861	18.60	2.656	2.842	3.416	4.193	4.916	5.358	5.600	5.060	4.472	3.813
1871	18.70	3.230	2.792	2.483	2.233	1.969	1.654	1.295	0.931	0.602	0.338
1881	18.80	0.059	-0.215	-0.534	-0.901	-1.282	-1.629	-1.904	-2.099	-2.242	-2.374
1891	18.90	-2.524	-2.677	-2.779	-2.754	-2.546	-2.159	-1.668	-1.203	-0.900	-0.844
1901	19.00	-1.036	-1.385	-1.750	-1.996	-2.052	-1.933	-1.723	-1.531	-1.434	-1.461
1911	19.10	-1.500	-1.528	-1.463	-1.296	-1.076	-0.880	-0.763	-0.723	-0.703	-0.613
1921	19.20	-0.390	-0.033	0.383	0.739	0.921	0.879	0.643	0.310	-0.007	-0.227
1931	19.30	-0.335	-0.371	-0.396	-0.449	-0.521	-0.570	-0.550	-0.459	-0.369	-0.312
1941	19.40	-0.432	-0.728	-1.131	-1.498	-1.670	-1.538	-1.095	-0.440	0.260	0.865
1951	19.50	1.216	1.369	1.377	1.339	1.332	1.373	1.427	1.432	1.365	1.162
1961	19.60	0.925	0.695	0.525	0.436	0.409	0.405	0.381	0.312	0.197	0.058
1971	19.70	-0.071	-0.155	-0.164	-0.084	0.080	0.295	0.504	0.635	0.630	0.470
1981	19.80	0.198	-0.088	-0.264	-0.235	0.021	0.432	0.850	1.110	1.097	0.796
1991	19.90	0.300	-0.230	-0.635	-0.823	-0.800	-0.650	-0.493	-0.417	-0.444	-0.530

Table 7—12—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1105 907-GR-1-139 LG. (HD.) TAIRA BRIDGE MAX. ACC. = 67.300 (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-0.605	-0.611	-0.544	-0.445	-0.374	-0.372	-0.433	-0.512	-0.551	-0.520
2011	20.10	-0.437	-0.359	-0.346	-0.417	-0.529	-0.589	-0.594	-0.190	0.288	0.820
2021	20.20	1.241	1.407	1.255	0.836	0.284	-0.217	-0.516	-0.537	-0.301	0.096
2031	20.30	0.527	0.876	1.079	1.124	1.044	0.893	0.723	0.570	0.447	0.350
2041	20.40	0.260	0.157	0.021	-0.157	-0.368	-0.584	-0.764	-0.858	-0.828	-0.664
2051	20.50	-0.385	-0.046	0.276	0.506	0.591	0.513	0.298	0.006	-0.286	-0.508
2061	20.60	-0.619	-0.613	-0.523	-0.401	-0.298	-0.243	-0.233	-0.237	-0.216	-0.144
2071	20.70	-0.032	0.074	0.112	0.025	-0.199	-0.523	-0.861	-1.118	-1.221	-1.156
2081	20.80	-0.962	-0.728	-0.561	-0.452	-0.457	-0.505	-0.522	-0.452	-0.281	-0.038
2091	20.90	0.218	0.434	0.586	0.685	0.767	0.867	0.999	1.145	1.264	1.316
2101	21.00	1.281	1.172	1.030	0.904	0.836	0.843	0.921	1.052	1.214	1.393
2111	21.10	1.580	1.761	1.914	2.006	2.002	1.875	1.617	1.244	0.790	0.296
2121	21.20	-0.199	-0.663	-1.067	-1.383	-1.579	-1.532	-1.530	-1.296	-0.973	-0.643
2131	21.30	-0.381	-0.244	-0.266	-0.356	-0.513	-0.648	-0.711	-0.692	-0.612	-0.518
2141	21.40	-0.453	-0.442	-0.479	-0.542	-0.598	-0.626	-0.626	-0.611	-0.606	-0.623
2151	21.50	-0.671	-0.734	-0.793	-0.832	-0.845	-0.839	-0.829	-0.829	-0.840	-0.853
2161	21.60	-0.868	-0.811	-0.737	-0.636	-0.532	-0.451	-0.409	-0.409	-0.439	-0.482
2171	21.70	-0.529	-0.551	-0.646	-0.732	-0.828	-0.898	-0.888	-0.752	-0.472	-0.089
2181	21.80	0.306	0.596	0.690	0.568	0.311	0.086	0.088	0.468	1.253	2.323
2191	21.90	3.432	4.292	4.671	4.481	3.806	2.871	1.953	1.276	0.936	0.884
2201	22.00	0.966	1.008	0.854	0.610	0.236	-0.111	-0.347	-0.470	-0.563	-0.751
2211	22.10	-1.136	-1.737	-2.473	-3.189	-3.720	-3.952	-3.868	-3.550	-3.133	-2.757
2221	22.20	-2.507	-2.389	-2.385	-2.379	-2.313	-2.144	-1.866	-1.503	-1.093	-0.673
2231	22.30	-0.282	0.042	0.265	0.365	0.343	0.238	0.120	0.068	0.140	0.341
2241	22.40	0.615	0.856	0.951	0.824	0.476	-0.015	-0.515	-0.886	-1.036	-0.948
2251	22.50	-0.683	-0.366	-0.067	0.144	0.210	0.188	0.140	0.124	0.181	0.323
2261	22.60	0.546	0.837	1.186	1.581	2.004	2.423	2.797	3.086	3.271	3.366
2271	22.70	3.419	3.494	3.643	3.879	4.166	4.411	4.520	4.411	4.064	3.534
2281	22.80	2.930	2.387	2.011	1.845	1.848	1.914	1.908	1.721	1.304	0.687
2291	22.90	-0.037	-0.745	-1.331	-1.735	-1.961	-2.056	-2.085	-2.112	-2.166	-2.249
2301	23.00	-2.342	-2.425	-2.483	-2.509	-2.501	-2.453	-2.355	-2.199	-1.991	-1.756
2311	23.10	-1.530	-1.368	-1.226	-1.141	-1.057	-0.930	-0.749	-0.552	-0.424	-0.461
2321	23.20	-0.721	-1.191	-1.769	-2.303	-2.642	-2.708	-2.528	-2.227	-1.967	-1.876
2331	23.30	-1.983	-2.207	-2.393	-2.391	-2.135	-1.679	-1.180	-0.825	-0.746	-0.969
2341	23.40	-1.308	-1.612	-1.660	-1.344	-0.693	0.137	0.933	1.511	1.783	1.780
2351	23.50	1.624	1.464	1.417	1.526	1.758	2.039	2.292	2.477	2.594	2.678
2361	23.60	2.765	2.875	2.997	3.094	3.123	3.047	2.856	2.582	2.200	1.812
2371	23.70	1.435	1.096	0.793	0.518	0.246	-0.044	-0.358	-0.668	-0.921	-1.051
2381	23.80	-1.002	-0.758	-0.363	0.090	0.475	0.684	0.659	0.418	0.047	-0.328
2391	23.90	-0.593	-0.677	-0.575	-0.337	-0.042	0.240	0.466	0.631	0.750	0.845
2401	24.00	0.924	0.982	1.008	0.997	0.960	0.918	0.893	0.891	0.898	0.880
2411	24.10	0.800	0.632	0.374	0.046	-0.318	-0.689	-1.048	-1.393	-1.727	-2.049
2421	24.20	-2.361	-2.575	-2.721	-2.763	-2.709	-2.592	-2.455	-2.338	-2.260	-2.212
2431	24.30	-2.171	-2.106	-2.001	-1.860	-1.704	-1.559	-1.440	-1.361	-1.339	-1.099
2441	24.40	-0.896	-0.626	-0.311	0.010	0.297	0.525	0.694	0.829	0.965	1.133
2451	24.50	1.343	1.577	1.798	1.961	2.034	2.006	1.893	1.732	1.570	1.468
2461	24.60	1.389	1.396	1.455	1.536	1.605	1.631	1.590	1.473	1.284	1.066
2471	24.70	0.791	0.561	0.390	0.298	0.286	0.336	0.405	0.464	0.482	0.456
2481	24.80	0.392	0.323	0.277	0.273	0.316	0.391	0.477	0.550	0.596	0.613
2491	24.90	0.614	0.616	0.634	0.672	0.718	0.744	0.716	0.590	0.351	-0.001

Table 7—12—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1105 907-GR-1-139 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 67.300 (GAL) T= 0.03 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.439	-0.912	-1.363	-1.744	-2.027	-2.208	-2.296	-2.299	-2.213	-2.013
2511	25.10	-1.677	-1.201	-0.628	-0.057	0.381	0.555	0.394	-0.079	-0.736	-1.383
2521	25.20	-1.820	-1.915	-1.650	-1.133	-0.555	-0.114	0.050	-0.094	-0.471	-0.935
2531	25.30	-1.337	-1.574	-1.619	-1.516	-1.343	-1.175	-1.053	-0.980	-0.930	-0.871
2541	25.40	-0.784	-0.664	-0.521	-0.372	-0.230	-0.112	-0.039	-0.035	-0.124	-0.315
2551	25.50	-0.592	-0.909	-1.200	-1.400	-1.471	-1.414	-1.273	-1.109	-0.981	-0.920
2561	25.60	-0.919	-0.942	-0.939	-0.868	-0.710	-0.469	-0.168	0.162	0.490	0.789
2571	25.70	1.034	1.204	1.290	1.295	1.241	1.165	1.106	1.088	1.110	1.163
2581	25.80	1.143	1.071	0.914	0.692	0.449	0.238	0.093	0.016	-0.015	-0.034
2591	25.90	-0.059	-0.078	-0.048	0.089	0.374	0.809	1.346	1.891	2.333	2.579
2601	26.00	2.577	2.336	1.921	1.438	1.004	0.719	0.641	0.767	1.034	1.326
2611	26.10	1.518	1.490	1.190	0.639	-0.058	-0.749	-1.279	-1.544	-1.520	-1.274
2621	26.20	-0.931	-0.624	-0.446	-0.416	-0.483	-0.556	-0.553	-0.435	-0.224	0.017
2631	26.30	0.212	0.315	0.326	0.288	0.262	0.294	0.396	0.532	0.660	0.737
2641	26.40	0.751	0.728	0.713	0.747	0.842	0.972	1.088	1.161	1.111	1.022
2651	26.50	0.935	0.921	1.029	1.262	1.571	1.871	2.075	2.125	2.009	1.760
2661	26.60	1.433	1.079	0.724	0.365	-0.017	-0.432	-0.865	-1.267	-1.570	-1.710
2671	26.70	-1.661	-1.441	-1.116	-0.772	-0.486	-0.293	-0.197	-0.159	-0.133	-0.088
2681	26.80	-0.022	0.040	0.064	0.028	-0.065	-0.178	-0.275	-0.320	-0.306	-0.253
2691	26.90	-0.202	-0.185	-0.218	-0.286	-0.358	-0.402	-0.400	-0.365	-0.323	-0.306
2701	27.00	-0.330	-0.388	-0.452	-0.492	-0.492	-0.459	-0.423	-0.413	-0.444	-0.504
2711	27.10	-0.558	-0.569	-0.515	-0.407	-0.286	-0.199	-0.177	-0.214	-0.264	-0.266
2721	27.20	-0.172	0.029	0.297	0.585	0.770	0.888	0.950	1.027	1.194	1.484
2731	27.30	1.860	2.212	2.402	2.309	1.888	1.487	0.337	-0.498	-1.180	-1.660
2741	27.40	-1.889	-2.001	-2.063	-2.140	-2.244	-2.349	-2.414	-2.414	-2.360	-2.293
2751	27.50	-2.254	-2.259	-2.278	-2.247	-2.094	-1.785	-1.361	-0.844	-0.407	-0.123
2761	27.60	-0.032	-0.097	-0.229	-0.319	-0.294	-0.139	0.092	0.311	0.435	0.426
2771	27.70	0.299	0.115	-0.057	-0.174	-0.232	-0.265	-0.321	-0.428	-0.581	-0.746
2781	27.80	-0.878	-0.952	-0.979	-0.998	-1.056	-1.171	-1.317	-1.418	-1.383	-1.144
2791	27.90	-0.693	-0.098	0.527	1.043	1.359	1.459	1.401	1.298	1.262	1.362
2801	28.00	1.595	1.893	2.153	2.284	2.244	2.056	1.792	1.542	1.322	1.303
2811	28.10	1.296	1.280	1.180	0.952	0.603	0.192	-0.190	-0.451	-0.529	-0.608
2821	28.20	-0.123	0.257	0.650	0.982	1.204	1.294	1.253	1.094	0.839	0.512
2831	28.30	0.148	-0.210	-0.516	-0.725	-0.808	-0.771	-0.646	-0.489	-0.359	-0.299
2841	28.40	-0.322	-0.414	-0.545	-0.688	-0.830	-0.978	-1.148	-1.343	-1.546	-1.717
2851	28.50	-1.809	-1.788	-1.652	-1.435	-1.186	-0.944	-0.717	-0.477	-0.175	0.218
2861	28.60	0.680	1.127	1.431	1.470	1.182	0.602	-0.140	-0.862	-1.396	-1.657
2871	28.70	-1.662	-1.520	-1.367	-1.299	-1.325	-1.364	-1.290	-1.006	-0.697	0.129
2881	28.80	0.695	1.020	1.091	0.658	0.180	-0.232	-0.358	-0.091	0.531	1.347
2891	28.90	2.140	2.722	3.010	3.040	2.942	2.867	2.918	3.113	3.380	3.568
2901	29.00	3.659	3.514	3.185	2.753	2.316	1.965	1.686	1.462	1.291	1.119
2911	29.10	0.929	0.728	0.525	0.323	0.107	-0.149	-0.462	-0.826	-1.212	-1.574
2921	29.20	-1.870	-2.077	-2.197	-2.242	-2.226	-2.147	-1.996	-1.766	-1.481	-1.201
2931	29.30	-1.003	-0.952	-1.064	-1.285	-1.506	-1.605	-1.503	-1.207	-0.814	-0.472
2941	29.40	-0.316	-0.407	-0.705	-1.093	-1.428	-1.613	-1.635	-1.558	-1.477	-1.466
2951	29.50	-1.531	-1.612	-1.626	-1.516	-1.288	-1.013	-0.780	-0.645	-0.591	-0.535
2961	29.60	-0.366	-0.030	0.444	0.933	1.272	1.332	1.082	0.611	0.093	-0.292
2971	29.70	-0.425	-0.291	0.038	0.452	0.859	1.221	1.563	1.842	2.108	2.297
2981	29.80	2.355	2.263	2.071	1.891	1.845	1.996	2.291	2.561	2.585	2.197
2991	29.90	1.377	0.284	-0.790	-1.538						

Table 7—13—1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1106 712-GR-1-5 TR. (HA.) EDOGAWA EHB. MAX. ACC. = 49.286 (GAL) T= 3.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.301	-5.835	-6.369	-6.044	-5.243	-4.617	-3.908	-3.837	-4.094	-4.437
11	0.10	-4.623	-4.525	-4.172	-3.711	-3.325	-3.143	-3.201	-3.452	-3.814	-4.223
21	0.20	-4.658	-5.120	-5.596	-6.017	-6.255	-6.162	-5.622	-4.621	-3.268	-1.782
31	0.30	-0.432	0.536	0.961	0.803	0.135	-0.887	-2.068	-3.215	-4.172	-4.841
41	0.40	-5.189	-5.246	-5.099	-4.854	-4.611	-4.419	-4.256	-4.036	-3.662	-2.978
51	0.50	-2.023	-0.862	0.323	1.301	1.865	1.894	1.394	0.496	-0.593	-1.652
61	0.60	-2.512	-3.085	-3.374	-3.429	-3.311	-3.050	-2.631	-2.012	-1.160	-0.096
71	0.70	1.083	2.203	3.057	3.611	3.161	2.278	0.876	-0.823	-2.534	-3.971
81	0.80	-4.908	-5.222	-4.903	-4.047	-2.821	-1.422	-0.043	1.155	2.059	2.598
91	0.90	2.741	2.488	1.864	0.927	-0.229	-1.458	-2.572	-3.360	-3.620	-3.254
101	1.00	-2.239	-0.734	0.970	2.503	3.508	3.747	3.176	1.975	0.497	-0.827
111	1.10	-1.623	-1.682	-1.025	0.112	1.357	2.317	2.700	2.396	1.495	0.253
121	1.20	-0.994	-1.920	-2.301	-2.057	-1.269	-0.145	1.039	2.010	2.564	2.616
131	1.30	2.209	1.497	0.695	0.008	-0.428	-0.575	-0.499	-0.328	-0.198	-0.196
141	1.40	-0.353	-0.538	-0.698	-0.700	-0.476	-0.027	0.583	1.248	1.859	2.328
151	1.50	2.610	2.699	2.620	2.412	2.115	1.759	1.363	0.931	0.466	-0.026
161	1.60	-0.518	-0.963	-1.293	-1.443	-1.374	-1.097	-0.685	-0.254	0.077	0.235
171	1.70	0.235	0.179	0.226	0.518	1.110	1.929	2.784	3.430	3.664	3.407
181	1.80	2.738	1.847	1.047	0.482	0.269	0.293	0.472	0.646	0.751	0.824
191	1.90	0.973	1.300	1.818	2.417	2.885	2.987	2.575	1.659	0.428	-0.804
201	2.00	-1.702	-2.015	-1.649	-0.689	0.648	2.084	3.353	4.255	4.682	4.615
211	2.10	4.114	3.302	2.349	1.443	0.752	0.377	0.319	0.469	0.643	0.654
221	2.20	0.384	-0.159	-0.840	-1.443	-1.763	-1.685	-1.227	-0.527	0.224	0.861
231	2.30	1.302	1.558	1.693	1.760	1.749	1.586	1.173	0.464	-0.482	-1.484
241	2.40	-2.290	-2.666	-2.494	-1.823	-0.863	0.087	0.737	0.898	0.527	-0.282
251	2.50	-1.348	-2.465	-3.449	-4.161	-4.502	-4.409	-3.854	-2.862	-1.523	0.005
261	2.60	1.531	2.875	3.925	4.659	5.135	5.439	5.618	5.639	5.398	4.774
271	2.70	3.708	2.268	0.656	-0.862	-2.045	-2.803	-3.241	-3.637	-4.332	-5.598
281	2.80	-7.521	-9.956	-12.573	-14.963	-16.758	-17.726	-17.794	-17.029	-15.585	-13.672
291	2.90	-11.539	-9.469	-7.874	-7.038	-7.217	-8.400	-10.224	-11.967	-12.660	-11.325
301	3.00	-7.266	-0.310	9.076	19.841	30.570	39.794	46.287	49.286	48.579	44.463
311	3.10	37.634	29.042	19.761	10.879	3.392	-1.909	-6.555	-9.510	-9.221	-7.430
321	3.20	5.275	8.100	8.905	7.124	2.744	-3.717	-11.332	-18.971	-25.509	-30.016
331	3.30	-31.872	-30.845	-27.103	-21.193	-13.980	-6.530	0.042	4.771	7.032	6.682
341	3.40	4.098	0.098	-4.256	-7.924	-10.134	-10.562	-9.374	-7.133	-4.602	-2.505
351	3.50	-1.326	-1.185	-1.834	-2.744	-3.273	-2.839	-1.075	2.075	6.331	11.117
361	3.60	15.668	19.168	20.909	20.446	17.709	13.043	7.171	1.057	-4.303	-8.106
371	3.70	-9.941	-9.890	-8.505	-6.658	-5.299	-5.189	-6.692	-9.670	-13.514	-17.299
381	3.80	-20.013	-20.795	-19.129	-14.953	-8.665	-1.039	6.922	14.162	19.761	23.082
391	3.90	23.880	22.336	19.005	14.698	10.299	6.576	4.016	2.739	2.506	2.816
401	4.00	3.062	2.703	1.392	-0.955	-4.164	-7.862	-11.573	-14.800	-17.102	-18.144
411	4.10	-17.732	-15.826	-12.553	-8.196	-3.161	2.080	7.057	11.368	14.735	17.019
421	4.20	18.208	18.381	17.667	16.213	14.163	11.668	8.792	5.701	2.465	-0.840
431	4.30	-4.135	-7.308	-10.188	-12.520	-13.990	-14.274	-13.124	-10.459	-6.425	-1.404
441	4.40	4.025	9.199	13.460	16.262	17.232	16.204	13.227	8.561	2.677	-3.771
451	4.50	-10.008	-15.234	-18.777	-20.234	-19.580	-17.180	-13.695	-9.901	-6.471	-3.809
461	4.60	-1.972	-0.728	0.296	1.433	2.850	4.491	6.137	7.520	8.441	8.829
471	4.70	8.728	8.235	7.369	6.129	4.425	2.212	-0.424	-3.201	-5.672	-7.326
481	4.80	-7.747	-6.761	-5.516	-4.467	-1.722	4.334	5.761	5.616	3.796	0.487
491	4.90	-3.882	-8.693	-13.227	-16.757	-18.655	-18.504	-16.193	-11.953	-6.329	-0.074

Table 7—13—2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1106 712-GR-1-5 TR. (HA.) EDOGAWA EHB. MAX. ACC. = 49.286 (GAL) T= 3.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	6.008	11.226	15.123	17.519	18.478	18.214	16.990	15.042	12.553	9.673
511	5.10	6.558	3.394	0.387	-2.266	-4.629	-6.049	-7.149	-7.787	-8.009	-7.818
521	5.20	-7.188	-6.113	-4.672	-3.070	-1.620	-0.673	-0.495	-1.163	-2.501	-4.108
531	5.30	-5.465	-6.087	-5.679	-4.231	-2.037	0.386	2.431	3.558	3.430	1.995
541	5.40	-0.499	-3.552	-6.519	-8.743	-9.700	-9.124	-7.083	-3.980	-0.469	2.695
551	5.50	4.867	5.589	4.894	3.108	0.854	-1.156	-2.311	-2.266	-1.010	1.160
561	5.60	3.743	6.178	7.932	8.836	8.618	7.389	5.342	2.754	-0.058	-2.765
571	5.70	-5.049	-6.621	-7.245	-6.775	-5.193	-2.645	0.542	3.879	6.767	8.599
581	5.80	8.898	7.440	4.363	0.181	-4.292	-8.106	-10.397	-10.603	-8.600	-4.733
591	5.90	0.283	5.537	10.138	13.387	14.884	14.545	12.567	9.360	5.471	1.527
601	6.00	-1.842	-4.083	-4.819	-3.944	-1.675	1.477	4.811	7.619	9.366	9.819
611	6.10	9.086	7.533	5.639	3.832	2.380	1.350	0.664	0.179	-0.221	-0.580
621	6.20	-0.869	-1.018	-0.946	-0.590	0.094	1.123	2.469	4.024	5.562	6.737
631	6.30	7.133	6.375	4.261	0.882	-3.340	-7.721	-11.474	-13.916	-14.650	-13.658
641	6.40	-11.285	-8.116	-4.808	-1.934	0.132	1.240	1.437	0.903	-0.111	-1.339
651	6.50	-2.529	-3.466	-3.997	-4.048	-3.637	-2.872	-1.918	-0.953	-0.121	0.512
661	6.60	0.961	1.312	1.677	2.158	2.806	3.696	4.477	5.292	5.906	6.183
671	6.70	6.030	5.410	4.353	2.946	1.318	-0.390	-2.042	-3.524	-4.744	-5.631
681	6.80	-6.121	-6.165	-5.732	-4.816	-3.452	-1.706	0.324	2.520	4.738	6.792
691	6.90	8.444	9.401	9.362	8.097	5.557	1.962	-2.172	-6.102	-9.026	-10.302
701	7.00	-9.645	-7.234	-3.673	0.169	3.412	5.395	5.834	4.844	2.849	0.618
711	7.10	-1.900	-3.688	-4.717	-4.930	-4.418	-3.390	-2.151	-1.068	-0.520	-0.797
721	7.20	-2.004	-3.979	-6.286	-8.307	-9.404	-9.109	-7.266	-4.084	-0.072	4.111
731	7.30	7.825	10.585	12.110	12.317	11.255	9.064	5.960	2.258	-1.600	-5.060
741	7.40	-7.535	-8.536	-7.831	-5.549	-2.194	1.457	4.537	6.307	6.331	4.567
751	7.50	1.348	-2.719	-6.900	-10.481	-12.885	-13.752	-12.981	-10.738	-7.446	-3.727
761	7.60	-0.307	2.123	3.068	2.355	0.208	-2.790	-5.829	-8.080	-8.902	-8.012
771	7.70	-5.529	-1.922	2.159	6.021	9.188	11.397	12.646	13.100	12.985	12.479
781	7.80	11.652	10.666	8.825	6.648	3.938	0.823	-2.447	-5.542	-8.111	-9.859
791	7.90	-10.609	-10.341	-9.203	-7.478	-5.532	-3.730	-2.360	-1.563	-1.309	-1.410
801	8.00	-1.582	-1.533	-1.052	-0.073	1.308	2.859	4.291	5.332	5.807	5.668
811	8.10	4.992	3.937	2.689	1.412	0.216	-0.861	-1.735	-2.451	-2.965	-3.239
821	8.20	-3.236	-2.936	-2.357	-1.553	-0.608	0.389	1.356	2.239	3.010	3.655
831	8.30	4.170	4.538	4.736	4.731	4.486	3.966	3.141	1.987	0.494	-1.314
841	8.40	-3.359	-5.486	-7.450	-8.940	-9.630	-9.254	-7.696	-5.053	-1.654	1.988
851	8.50	5.271	7.645	8.745	8.486	7.081	4.990	2.798	1.061	0.169	0.245
861	8.60	1.129	2.434	3.659	4.338	4.167	3.089	1.300	-0.819	-2.816	-4.308
871	8.70	-5.087	-5.170	-4.723	-4.219	-3.817	-3.755	-4.032	-4.470	-4.775	-4.636
881	8.80	-3.819	-2.221	0.113	3.019	6.259	9.547	12.573	15.005	16.496	16.725
891	8.90	15.459	12.643	8.465	3.374	-1.976	-6.853	-10.609	-12.831	-13.424	-12.606
901	9.00	-10.817	-8.573	-6.335	-4.405	-2.906	-1.806	-0.981	-0.275	0.465	1.374
911	9.10	2.561	4.085	5.925	7.933	9.827	11.219	11.712	11.024	9.108	6.206
921	9.20	2.812	-0.439	-2.956	-4.340	-4.491	-3.588	-2.007	-0.199	1.432	2.588
931	9.30	3.085	2.828	1.782	-0.016	-2.431	-5.190	-7.886	-10.045	-11.243	-11.245
941	9.40	-10.091	-8.109	-5.808	-3.714	-2.195	-1.344	-0.969	-0.695	-0.112	1.062
951	9.50	2.887	5.187	7.608	9.728	11.155	11.602	10.931	9.163	6.481	3.213
961	9.60	-0.198	-3.262	-5.528	-6.695	-6.684	-5.672	-4.032	-2.229	-0.676	0.365
971	9.70	0.830	0.818	0.496	-0.002	-0.619	-1.392	-2.382	-3.603	-4.963	-6.253
981	9.80	-7.203	-7.558	-7.159	-6.001	-4.235	-2.133	-0.038	1.708	2.819	3.115
991	9.90	2.564	1.295	-0.399	-2.108	-3.382	-3.832	-3.234	-1.592	0.863	3.726

Table 7—13—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1106 712-GR-1-S TR. (HA.) EDOGAWA EMB. MAX. ACC. = 49.286 (GAL) T= 3.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	6.529	8.851	10.403	11.056	10.824	9.809	8.169	5.989	3.479	0.795
1011	10.10	-1.867	-4.195	-5.993	-7.033	-7.204	-6.524	-5.131	-3.263	-1.202	0.766
1021	10.20	2.388	3.471	3.894	3.621	2.710	1.322	-0.290	-1.614	-2.935	-3.406
1031	10.30	-3.111	-2.110	-0.632	0.979	2.351	3.189	3.361	2.932	2.145	1.336
1041	10.40	0.826	0.812	1.305	2.150	2.981	3.529	3.522	2.854	1.580	-0.123
1051	10.50	-2.029	-3.927	-5.669	-7.165	-8.366	-9.227	-9.696	-9.720	-9.283	-8.434
1061	10.60	-7.296	-6.043	-4.852	-3.818	-3.061	-2.428	-1.825	-1.117	-0.215	0.904
1071	10.70	2.188	3.533	4.816	5.919	6.740	7.204	7.268	6.936	6.271	5.398
1081	10.80	4.492	3.740	3.285	3.182	3.367	3.673	3.876	3.761	3.189	2.135
1091	10.90	0.689	-0.954	-2.555	-3.872	-4.709	-4.946	-4.566	-3.662	-2.431	-1.150
1101	11.00	-0.118	0.407	0.279	-0.489	-1.722	-3.121	-4.344	-5.097	-5.206	-4.654
1111	11.10	-3.562	-2.151	-0.668	0.663	1.678	2.286	2.460	2.226	1.656	0.853
1121	11.20	-0.056	-0.963	-1.695	-2.234	-2.526	-2.569	-2.378	-1.967	-1.342	-0.516
1131	11.30	0.466	1.496	2.409	3.001	3.092	2.593	1.551	0.159	-1.289	-2.476
1141	11.40	-3.159	-3.230	-2.737	-1.845	-0.767	0.313	1.290	2.146	2.908	3.598
1151	11.50	4.180	4.548	4.550	4.049	2.987	1.427	-0.436	-2.314	-3.897	-4.926
1161	11.60	-5.255	-4.880	-3.930	-2.633	-1.263	-0.081	0.711	1.002	0.791	0.184
1171	11.70	-0.621	-1.377	-1.837	-1.516	-1.243	-0.190	1.137	2.441	3.410	3.800
1181	11.80	3.498	2.558	1.176	-0.367	-1.779	-2.857	-3.432	-3.580	-3.398	-3.053
1191	11.90	-2.711	-2.489	-2.425	-2.472	-2.511	-2.372	-1.881	-0.896	0.643	2.680
1201	12.00	5.033	7.411	9.470	10.881	11.414	10.995	9.720	7.843	5.689	3.582
1211	12.10	1.757	0.319	-0.760	-1.602	-2.355	-3.124	-3.925	-4.674	-5.214	-5.370
1221	12.20	-5.023	-4.159	-2.897	-1.473	-0.178	0.721	1.068	0.874	0.322	-0.284
1231	12.30	-0.606	-0.394	0.433	1.743	3.229	4.497	5.195	5.129	4.331	3.053
1241	12.40	1.694	0.673	0.305	0.700	1.728	3.065	4.287	4.998	4.950	4.113
1251	12.50	2.685	1.030	-0.435	-1.366	-1.592	-1.160	-0.315	0.592	1.214	1.314
1261	12.60	0.824	-0.161	-1.442	-2.792	-4.035	-5.073	-5.876	-6.443	-6.762	-6.793
1271	12.70	-6.454	-5.813	-4.817	-3.601	-2.309	-1.074	0.029	0.997	1.874	2.696
1281	12.80	3.442	4.015	4.273	4.103	3.488	2.568	1.516	0.666	0.207	0.210
1291	12.90	0.583	1.115	1.560	1.726	1.521	0.959	0.116	-0.919	-2.076	-3.296
1301	13.00	-4.506	-5.584	-6.378	-6.729	-6.533	-5.795	-4.640	-3.273	-1.911	-0.718
1311	13.10	0.240	0.976	1.537	1.957	2.231	2.334	2.274	2.128	2.047	2.208
1321	13.20	2.728	3.577	4.561	5.356	5.630	5.164	3.953	2.212	0.311	-1.356
1331	13.30	-2.691	-2.974	-2.854	-2.289	-1.458	-0.498	0.520	1.553	2.541	3.368
1341	13.40	3.866	3.866	3.259	2.050	0.376	-1.527	-3.387	-4.964	-6.095	-6.719
1351	13.50	-6.849	-6.547	-5.888	-4.942	-3.770	-2.436	-1.018	0.379	1.630	2.605
1361	13.60	3.185	3.299	2.949	2.220	1.280	0.347	-0.366	-0.707	-0.636	-0.238
1371	13.70	0.300	0.750	0.917	0.697	0.104	-0.744	-1.678	-2.532	-3.188	-3.592
1381	13.80	-3.740	-3.656	-3.363	-2.885	-2.238	-1.465	-0.629	0.187	0.894	1.419
1391	13.90	1.720	1.788	1.648	1.350	0.964	0.582	0.312	0.260	0.496	1.027
1401	14.00	1.787	2.543	3.138	3.348	3.062	2.293	1.189	-0.018	-1.082	-1.812
1411	14.10	-2.121	-2.025	-1.625	-1.061	-0.478	-0.004	0.258	0.238	-0.088	-0.683
1421	14.20	-1.436	-2.174	-2.706	-2.878	-2.639	-2.061	-1.322	-0.635	-0.157	0.075
1431	14.30	0.166	0.319	0.741	1.554	2.730	4.096	5.387	6.359	6.765	6.502
1441	14.40	5.907	4.808	3.458	1.991	0.508	-0.915	-2.212	-3.319	-4.177	-4.741
1451	14.50	-4.986	-4.912	-4.534	-3.877	-2.986	-1.935	-0.845	0.118	0.771	0.969
1461	14.60	0.666	-0.045	-0.936	-1.705	-2.070	-1.869	-1.114	0.011	1.220	2.227
1471	14.70	2.842	3.018	2.845	2.486	2.097	1.781	1.548	1.343	1.082	0.702
1481	14.80	0.177	-0.470	-1.182	-1.878	-2.465	-2.834	-2.887	-2.547	-1.796	-0.713
1491	14.90	0.520	1.661	2.370	2.487	1.907	0.716	-0.849	-2.460	-3.783	-4.557

Table 7—13—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1106 712-GR-1-S TR. (HA.) EDOGAWA EMB. MAX. ACC. = 49.286 (GAL) T= 3.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-4.660	-4.019	-2.792	-1.130	0.747	2.592	4.153	5.197	5.555	5.172
1511	15.10	4.338	2.695	1.188	-0.018	-0.639	-0.563	0.128	1.182	2.266	3.068
1521	15.20	3.408	3.260	2.753	2.102	1.526	1.176	1.088	1.193	1.350	1.407
1531	15.30	1.257	0.874	0.323	-0.257	-0.699	-0.853	-0.637	-0.065	0.748	1.613
1541	15.40	2.321	2.698	2.654	2.212	1.693	0.675	-0.063	-0.589	-0.850	-0.870
1551	15.50	-0.723	-0.501	-0.279	-0.108	-0.013	-0.013	-0.120	-0.347	-0.691	-1.117
1561	15.60	-1.557	-1.920	-2.118	-2.103	-1.885	-1.535	-1.163	-0.877	-0.743	

Table 7—14—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1107 712-GR-1-5 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 8.362 (GAL) T= 6.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.216	-2.718	-3.772	-4.367	-4.549	-4.571	-4.598	-4.740	-4.996	-5.273
11	0.10	-5.444	-5.417	-5.179	-4.798	-4.392	-4.069	-3.881	-3.811	-3.791	-3.745
21	0.20	-3.633	-3.460	-3.264	-3.075	-2.892	-2.674	-2.372	-1.984	-1.585	-1.328
31	0.30	-1.392	-1.893	-2.807	-3.963	-4.991	-5.633	-5.669	-5.110	-4.181	-3.237
41	0.40	-2.622	-2.529	-2.930	-3.602	-4.232	-4.556	-4.462	-4.015	-3.403	-2.832
51	0.50	-2.627	-2.190	-2.019	-1.784	-1.401	-0.872	-0.277	0.272	0.687	0.925
61	0.60	0.986	0.873	0.572	0.054	-0.691	-1.603	-2.537	-3.286	-3.655	-3.545
71	0.70	-3.011	-2.251	-1.536	-1.085	-0.995	-1.175	-1.421	-1.496	-1.252	-0.688
81	0.80	0.068	0.727	1.133	1.137	0.729	0.002	-0.897	-1.803	-2.565	-3.053
91	0.90	-3.167	-2.864	-2.185	-1.285	-0.414	0.150	0.200	-0.295	-1.149	-2.004
101	1.00	-2.459	-2.232	-1.284	0.150	1.652	2.788	3.273	3.077	2.396	1.547
111	1.10	0.799	0.269	-0.109	-0.495	-1.017	-1.667	-2.267	-2.546	-2.273	-1.375
121	1.20	0.012	1.592	3.031	4.092	4.709	4.974	5.045	5.025	4.900	4.540
131	1.30	3.795	2.614	1.117	-0.406	-1.604	-2.208	-2.155	-1.620	-0.941	-0.463
141	1.40	-0.381	-0.650	-1.017	-1.151	-0.818	-0.014	1.011	1.852	2.129	1.661
151	1.50	0.569	-0.765	-1.843	-2.252	-1.829	-0.719	0.699	1.967	2.738	2.891
161	1.60	2.548	1.984	1.487	1.227	1.205	1.284	1.296	1.133	0.529	0.528
171	1.70	0.413	0.608	1.107	1.773	2.399	2.798	2.883	2.696	2.376	2.078
181	1.80	1.912	1.889	1.932	1.927	1.781	1.465	1.015	0.506	0.013	-0.422
191	1.90	-0.791	-1.099	-1.349	-1.525	-1.601	-1.568	-1.447	-1.285	-1.130	-0.994
201	2.00	-0.829	-0.565	-0.060	0.630	1.410	2.068	2.277	1.910	0.952	-0.348
211	2.10	-1.548	-2.158	-1.824	-0.489	1.555	3.745	5.428	6.093	5.549	3.986
221	2.20	1.893	-0.526	-1.567	-2.183	-2.026	-1.375	-0.579	0.091	0.532	0.796
231	2.30	1.015	1.280	1.579	1.789	1.755	1.383	0.722	-0.035	-0.620	-0.811
241	2.40	-0.537	0.074	0.738	1.127	0.997	0.294	-0.832	-2.081	-3.118	-3.691
251	2.50	-3.704	-3.226	-2.440	-1.564	-0.779	-0.184	0.200	0.411	0.508	0.554
261	2.60	0.602	0.696	0.865	1.111	1.396	1.627	1.672	1.396	0.706	-0.398
271	2.70	-1.787	-3.227	-4.428	-5.122	-5.144	-4.681	-3.278	-1.795	-0.330	0.873
281	2.80	1.678	2.080	2.171	2.074	1.880	1.604	1.202	0.618	-0.142	-0.963
291	2.90	-1.633	-1.908	-1.628	-0.810	0.312	1.348	1.886	1.664	0.685	-0.758
301	3.00	-2.195	-3.154	-3.357	-2.821	-1.835	-0.822	-0.136	0.084	-0.045	-0.238
311	3.10	-0.215	0.131	0.668	1.055	1.062	0.651	-0.608	-1.717	-2.579	-2.221
321	3.20	-1.169	0.496	2.239	3.477	3.805	3.139	1.730	0.042	-1.427	-2.314
331	3.30	-2.481	-2.006	-1.101	-0.015	1.036	1.897	2.459	2.657	2.467	1.940
341	3.40	1.226	0.561	0.215	0.395	1.147	2.317	3.574	4.520	4.824	4.344
351	3.50	3.172	1.591	-0.033	-1.372	-2.235	-2.590	-2.527	-2.186	-1.684	-1.085
361	3.60	-0.406	0.339	1.100	1.774	2.225	2.328	2.021	1.336	0.403	-0.584
371	3.70	-1.437	-1.932	-2.052	-1.806	-1.330	-0.819	-0.476	-0.437	-0.712	-1.160
381	3.80	-1.519	-1.483	-0.822	0.504	2.290	4.109	5.434	5.812	5.037	3.243
391	3.90	0.881	-1.425	-3.086	-3.752	-3.418	-2.400	-1.199	-0.297	0.022	-0.251
401	4.00	-0.883	-1.532	-1.907	-1.881	-1.526	-1.045	-0.661	-0.513	-0.597	-0.789
411	4.10	-0.918	-0.845	-0.521	0.004	0.623	1.213	1.681	1.966	2.033	1.860
421	4.20	1.436	0.783	-0.018	-0.828	-1.472	-1.808	-1.787	-1.491	-1.109	-0.864
431	4.30	-0.913	-1.273	-1.809	-2.299	-2.543	-2.469	-2.174	-1.883	-1.832	-2.136
441	4.40	-2.707	-3.267	-3.455	-2.992	-1.820	-0.152	1.584	2.901	3.430	3.042
451	4.50	1.881	0.282	-1.371	-2.781	-3.810	-4.469	-4.837	-4.965	-4.822	-4.312
461	4.60	-3.345	-1.933	-0.245	1.416	2.698	3.335	3.247	2.574	1.622	0.735
471	4.70	0.161	-0.038	0.009	0.061	-0.113	-0.522	-1.403	-2.259	-2.949	-3.303
481	4.80	-3.296	-3.043	-2.756	-2.625	-2.742	-3.064	-3.440	-3.689	-3.681	-3.383
491	4.90	-2.861	-2.229	-1.580	-0.962	-0.267	0.527	1.500	2.635	3.823	4.883

Table 7—14—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1107 712-GR-1-5 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 8.362 (GAL) T= 6.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.618	5.874	5.585	4.788	3.609	2.236	0.884	-0.239	-0.962	-1.186
511	5.10	-0.912	-0.254	0.572	1.300	1.689	1.611	1.097	0.339	-0.379	-0.789
521	5.20	-0.740	-0.261	0.461	1.163	1.618	1.726	1.544	1.234	0.976	0.868
531	5.30	0.885	0.893	0.730	0.294	-0.395	-1.198	-1.911	-2.350	-2.411	-2.093
541	5.40	-1.462	-0.596	0.465	1.703	3.103	4.578	5.944	6.932	7.273	6.801
551	5.50	3.550	3.769	1.870	0.295	-0.624	-0.774	-0.278	0.567	1.419	2.010
561	5.60	2.231	2.133	1.869	1.559	1.408	1.277	1.104	0.768	0.194	-0.595
571	5.70	-1.483	-2.294	-2.850	-3.029	-2.795	-2.203	-1.376	-0.675	0.366	0.961
581	5.80	1.298	1.351	1.173	0.875	0.594	0.466	0.587	0.978	1.572	2.220
591	5.90	2.733	2.927	2.679	1.970	0.893	-0.360	-1.548	-2.432	-2.839	-2.897
601	6.00	-2.068	-1.029	0.158	1.303	2.226	2.811	3.008	2.829	2.327	1.576
611	6.10	0.674	-0.261	-1.082	-1.623	-1.727	-1.299	-0.358	0.928	2.253	3.242
621	6.20	3.556	3.009	1.637	-0.294	-2.368	-4.152	-5.328	-5.782	-5.607	-5.032
631	6.30	-4.297	-3.552	-2.807	-1.955	-0.857	0.566	2.270	4.091	5.797	7.165
641	6.40	8.062	8.362	8.121	7.344	6.067	4.349	2.315	0.184	-1.740	-3.134
651	6.50	-3.751	-3.571	-2.736	-1.606	-0.584	0.021	0.102	-0.230	-0.724	-1.121
661	6.60	-1.282	-1.240	-1.170	-1.275	-1.671	-2.320	-3.045	-3.616	-3.866	-3.765
671	6.70	-3.433	-3.067	-2.868	-2.859	-3.063	-3.339	-3.561	-3.656	-3.627	-3.526
681	6.80	-3.400	-3.247	-3.015	-2.638	-2.091	-1.424	-0.757	-0.229	0.086	0.125
691	6.90	0.029	-0.103	-0.181	-0.194	-0.209	-0.324	-0.599	-1.004	-1.416	-1.667
701	7.00	-1.625	-1.253	-0.638	0.045	0.603	0.897	0.889	0.643	0.295	0.003
711	7.10	-0.089	0.126	0.700	1.622	2.794	4.024	5.037	5.530	5.260	4.145
721	7.20	2.329	0.175	-1.836	-3.250	-3.802	-3.699	-2.614	-1.567	-0.762	-0.445
731	7.30	-0.628	-1.129	-1.679	-2.053	-2.154	-2.029	-1.801	-1.580	-1.394	-1.173
741	7.40	-0.803	-0.202	0.607	1.486	2.220	2.605	2.527	2.005	1.183	0.268
751	7.50	-0.536	-1.085	-1.315	-1.219	-0.823	-0.156	0.744	1.811	2.929	3.922
761	7.60	4.585	4.733	4.274	3.249	1.848	0.366	-0.874	-1.611	-1.718	-1.239
771	7.70	-0.364	0.635	1.480	1.971	2.028	1.691	1.087	0.370	-0.335	-0.963
781	7.80	-1.509	-1.999	-2.447	-2.826	-3.058	-3.044	-2.708	-2.039	-1.119	-0.111
791	7.90	0.788	1.403	1.637	1.499	1.095	0.585	0.126	-0.171	-0.272	-0.209
801	8.00	-0.051	0.129	0.285	0.401	0.483	0.534	0.532	0.431	0.173	-0.281
811	8.10	-0.913	-1.661	-2.320	-2.782	-2.890	-2.579	-1.893	-0.963	0.008	0.822
821	8.20	1.334	1.484	1.304	0.894	0.382	-0.116	-0.522	-0.805	-0.974	-1.069
831	8.30	-1.138	-1.225	-1.348	-1.484	-1.561	-1.469	-1.087	-0.361	0.745	2.015
841	8.40	3.199	3.985	4.133	3.577	2.480	1.198	0.165	-0.279	-0.010	0.812
851	8.50	1.815	2.567	2.763	2.347	1.536	0.712	0.247	0.334	0.910	1.688
861	8.60	2.299	2.455	2.073	1.297	0.412	-0.289	-0.631	-0.607	-0.353	-0.051
871	8.70	0.160	0.239	0.227	0.192	0.170	0.133	0.023	-0.197	-0.493	-0.752
881	8.80	-0.830	-0.626	-0.147	0.474	1.024	1.304	1.203	0.747	0.070	-0.661
891	8.90	-1.323	-1.886	-2.403	-2.944	-3.529	-4.087	-4.461	-4.482	-4.039	-3.148
901	9.00	-1.944	-0.844	0.543	1.477	2.117	2.508	2.721	2.810	2.781	2.607
911	9.10	2.259	1.742	1.111	0.455	-0.144	-0.641	-1.052	-1.435	-1.864	-2.384
921	9.20	-2.987	-3.608	-4.144	-4.484	-4.534	-4.243	-3.602	-2.648	-1.455	-0.123
931	9.30	1.228	2.482	3.535	4.317	4.793	4.967	4.869	4.547	4.051	3.440
941	9.40	2.781	2.146	1.609	1.229	1.031	1.002	1.095	1.254	1.434	1.620
951	9.50	1.815	2.012	2.164	2.166	1.877	1.171	0.002	-1.542	-3.239	-4.785
961	9.60	-5.890	-6.370	-6.209	-5.553	-4.645	-3.725	-2.943	-2.329	-1.813	-1.292
971	9.70	-0.708	-0.084	0.491	0.913	1.131	1.183	1.184	1.270	1.533	1.968
981	9.80	2.479	2.920	3.169	3.180	2.994	2.703	2.393	2.091	1.757	1.315
991	9.90	0.718	-0.002	-0.724	-1.276	-1.513	-1.386	-0.974	-0.454	-0.028	0.167

Table 7—14—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1107 712-GR-1-S U-D (U-D) EDOGAWA EMB. MAX. ACC. = 8.362 (GAL) T= 6.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	0.105	-0.124	-0.374	-0.524	-0.536	-0.464	-0.416	-0.477	-0.647	-0.827
1011	10.10	-0.856	-0.585	0.047	0.982	2.060	3.076	3.857	4.305	4.403	4.184
1021	10.20	3.686	2.929	1.928	0.723	-0.579	-1.799	-2.725	-3.183	-3.117	-2.622
1031	10.30	-1.923	-1.301	-0.988	-1.081	-1.524	-2.141	-2.721	-3.107	-3.244	-3.179
1041	10.40	-3.008	-2.815	-2.625	-2.407	-2.112	-1.723	-1.290	-0.926	-0.757	-0.866
1051	10.50	-1.240	-1.768	-2.276	-2.594	-2.616	-2.328	-1.796	-1.120	-0.382	0.382
1061	10.60	1.181	2.026	2.894	3.694	4.287	4.523	4.314	3.677	2.747	1.744
1071	10.70	0.898	0.380	0.239	0.401	0.703	0.967	1.066	0.977	0.780	0.622
1081	10.80	0.655	0.973	1.579	2.383	3.236	3.976	4.479	4.682	4.581	4.215
1091	10.90	3.631	2.873	1.975	0.972	-0.079	-1.092	-1.959	-2.573	-2.864	-2.829
1101	11.00	-2.538	-2.123	-1.744	-1.539	-1.586	-1.889	-2.375	-2.931	-3.436	-3.805
1111	11.10	-4.006	-4.062	-4.032	-3.983	-3.956	-3.948	-3.912	-3.776	-3.474	-2.980
1121	11.20	-2.331	-1.625	-0.995	-0.561	-0.388	-0.452	-0.641	-0.789	-0.738	-0.394
1131	11.30	0.231	1.021	1.801	2.402	2.731	2.807	2.750	2.726	2.866	3.205
1141	11.40	3.669	4.016	4.092	3.751	2.994	1.980	0.974	0.250	-0.009	0.214
1151	11.50	0.759	1.350	1.688	1.566	0.936	-0.083	-1.249	-2.297	-3.022	-3.339
1161	11.60	-3.290	-3.003	-2.622	-2.257	-1.949	-1.683	-1.421	-1.139	-0.850	-0.590
1171	11.70	-0.401	-0.294	-0.238	-0.174	-0.066	0.158	0.390	0.552	0.533	0.264
1181	11.80	-0.243	-0.885	-1.498	-1.915	-2.022	-1.804	-1.345	-0.788	-0.282	0.076
1191	11.90	0.271	0.363	0.451	0.619	0.903	1.269	1.637	1.913	2.040	2.013
1201	12.00	1.883	1.727	1.607	1.542	1.493	1.388	1.158	0.783	0.315	-0.129
1211	12.10	-0.394	-0.352	0.060	0.808	1.767	2.760	3.607	4.168	4.370	4.205
1221	12.20	3.715	2.967	2.041	1.024	0.016	-0.874	-1.540	-1.903	-1.943	-1.714
1231	12.30	-1.340	-0.981	-0.788	-0.850	-1.175	-1.692	-2.284	-2.832	-3.256	-3.525
1241	12.40	-3.650	-3.656	-3.551	-3.330	-2.971	-2.463	-1.836	-1.164	-0.559	-0.133
1251	12.50	0.034	-0.069	-0.374	-0.752	-1.065	-1.110	-0.867	-0.315	0.460	1.312
1261	12.60	2.078	2.624	2.886	2.885	2.713	2.492	2.324	2.247	2.223	2.160
1271	12.70	1.965	1.598	1.112	0.661	0.353	0.376	0.730	1.307	1.900	2.275
1281	12.80	2.259	1.803	0.991	0.003	-0.964	-1.758	-2.315	-2.642	-2.781	-2.762
1291	12.90	-2.582	-2.219	-1.667	-0.980	-0.278	0.279	0.568	0.463	0.063	-0.521
1301	13.00	-1.120	-1.592	-1.868	-1.960	-1.925	-1.818	-1.648	-1.377	-0.950	-0.346
1311	13.10	0.386	1.125	1.719	2.051	2.087	1.902	1.639	1.451	1.427	1.560
1321	13.20	1.752	1.872	1.821	1.583	1.230	0.884	0.658	0.597	0.663	0.760
1331	13.30	0.784	0.683	0.483	0.276	0.171	0.238	0.468	0.774	1.023	1.102
1341	13.40	0.965	0.655	0.285	-0.015	-0.152	-0.111	0.041	0.184	0.199	0.018
1351	13.50	-0.350	-0.820	-1.241	-1.564	-1.586	-1.368	-0.947	-0.432	0.047	0.371
1361	13.60	0.460	0.294	-0.090	-0.603	-1.127	-1.550	-1.793	-1.832	-1.711	-1.522
1371	13.70	-1.374	-1.356	-1.494	-1.751	-2.027	-2.202	-2.181	-1.933	-1.502	-0.997
1381	13.80	-0.544	-0.241	-0.124	-0.158	-0.259	-0.328	-0.292	-0.125	0.155	0.509
1391	13.90	0.900	1.313	1.747	2.197	2.629	2.973	3.138	3.054	2.709	2.175
1401	14.00	1.600	1.158	0.982	1.108	1.450	1.852	2.058	1.994	1.622	1.047
1411	14.10	0.447	-0.014	-0.262	-0.347	-0.421	-0.657	-1.158	-1.898	-2.713	-3.366
1421	14.20	-3.640	-3.437	-2.818	-1.984	-1.194	-0.661	-0.475	-0.574	-0.783	-0.894
1431	14.30	-0.750	-0.306	0.368	1.120	1.783	2.233	2.420	2.375	2.178	1.935
1441	14.40	1.742	1.669	1.747	1.963	2.263	2.553	2.721	2.662	2.316	1.694
1451	14.50	0.883	0.020	-0.750	-1.327	-1.690	-1.894	-2.040	-2.218	-2.463	-2.737
1461	14.60	-2.947	-2.991	-2.811	-2.423	-1.912	-1.397	-0.985	-0.733	-0.636	-0.652
1471	14.70	-0.732	-0.851	-1.010	-1.226	-1.494	-1.767	-1.958	-1.971	-1.739	-1.270
1481	14.80	-0.669	-0.016	0.491	0.782	0.857	0.792	0.701	0.677	0.749	0.873
1491	14.90	0.956	0.913	0.716	0.420	0.142	0.009	0.099	0.398	0.803	1.159

Table 7—14—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1107 712-GR-1-S U-D (U-D) EDOGAWA EMB. MAX. ACC. = 8.362 (GAL) T= 6.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	1.335	1.281	1.050	0.772	0.592	0.594	0.756	0.956	1.020	0.827
1511	15.10	0.356	-0.274	-0.853	-1.160	-1.064	-0.585	0.103	0.743	1.090	1.017
1521	15.20	0.550	-0.142	-0.828	-1.312	-1.500	-1.425	-1.212	-1.010	-0.924	-0.988
1531	15.30	-1.168	-1.403	-1.645	-1.877	-2.102	-2.311	-2.454	-2.438	-2.159	-1.555
1541	15.40	-0.652	0.426	1.485	2.331	2.842	3.006	2.922	2.743	2.610	2.582
1551	15.50	2.630	2.652	2.542	2.256	1.811	1.337	0.966	0.804	0.877	1.117
1561	15.60	1.395	1.571	1.548	1.302	0.881	0.379	-0.099	-0.481	-0.733	

Table 7—15—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1108 712-GR-1-S LG. (HB.) EDOGAWA EMB. MAX. ACC. = 33.145 (GAL) T= 3.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.070	-5.381	-5.518	-4.801	-3.862	-3.292	-3.571	-4.713	-6.372	-7.979
11	0.10	-8.984	-9.055	-8.186	-6.657	-4.895	-3.308	-2.151	-1.488	-1.222	-1.192
21	0.20	-1.258	-1.356	-1.502	-1.764	-2.210	-2.866	-3.695	-4.595	-5.414	-5.985
31	0.30	-6.159	-5.850	-5.077	-3.973	-2.777	-1.779	-1.245	-1.337	-2.057	-3.239
41	0.40	-4.588	-5.767	-6.483	-6.573	-6.027	-4.987	-3.687	-2.394	-1.329	-0.628
51	0.50	-0.335	-0.312	-0.475	-0.660	-0.681	-0.551	-0.293	-0.032	0.070	-0.093
61	0.60	-0.593	-1.366	-2.266	-3.105	-3.716	-4.006	-3.982	-3.737	-3.401	-3.091
71	0.70	-2.862	-2.691	-2.493	-2.165	-1.632	-0.894	-0.037	0.775	1.344	1.504
81	0.80	1.178	0.626	-0.559	-1.501	-2.127	-2.269	-1.938	-1.333	-0.775	-0.588
91	0.90	-0.558	-1.843	-2.973	-3.941	-4.359	-4.016	-2.958	-1.473	0.029	1.179
101	1.00	1.785	1.879	1.666	1.396	1.237	1.198	1.155	0.942	0.474	-0.180
111	1.10	-0.803	-1.124	-0.950	-0.278	0.685	1.587	2.071	1.921	1.154	0.017
121	1.20	-1.106	-1.833	-1.921	-1.541	-0.281	0.929	1.926	2.417	2.256	1.473
131	1.30	0.256	-1.108	-2.285	-2.988	-3.031	-2.377	-1.151	0.390	1.917	3.116
141	1.40	3.765	3.785	3.252	2.364	1.360	0.454	-0.224	-0.665	-0.858	-0.944
151	1.50	-0.967	-0.938	-0.814	-0.521	-0.004	0.729	1.586	2.390	2.928	3.019
161	1.60	2.583	1.689	0.563	-0.471	-1.087	-1.070	-0.403	0.713	1.911	2.780
171	1.70	3.013	2.518	1.456	0.186	-0.875	-1.381	-1.203	-0.436	0.651	1.737
181	1.80	2.583	3.099	3.352	3.485	3.621	3.781	3.870	3.734	3.250	2.415
191	1.90	1.375	0.379	-0.308	-0.520	-0.251	0.352	1.057	1.652	2.032	2.225
201	2.00	2.355	2.550	2.871	3.250	3.510	3.445	2.907	1.888	0.560	-0.861
211	2.10	-1.999	-2.616	-2.586	-1.945	-0.883	0.318	1.349	1.950	1.967	1.389
221	2.20	0.356	-0.872	-1.975	-2.659	-2.751	-2.258	-1.382	-0.662	0.129	0.123
231	2.30	-0.540	-1.677	-2.911	-3.794	-3.958	-3.249	-1.774	0.134	2.022	3.468
241	2.40	4.193	4.125	3.388	2.225	0.911	-0.331	-1.372	-2.172	-2.757	-3.179
251	2.50	-3.489	-3.736	-3.977	-4.282	-4.760	-5.437	-6.413	-7.626	-8.916	-10.011
261	2.60	-10.569	-10.255	-8.841	-6.294	-2.833	1.094	4.884	7.918	9.714	10.048
271	2.70	9.017	7.004	4.585	2.385	0.946	0.630	1.589	3.766	6.934	10.713
281	2.80	14.587	17.906	19.935	19.915	17.374	12.014	4.172	-5.270	-14.941	-23.217
291	2.90	-28.556	-29.846	-26.668	-19.393	-9.104	2.639	14.111	23.733	30.306	33.145
301	3.00	32.120	27.617	20.454	11.768	2.866	-6.953	-10.599	-13.386	-13.161	-10.342
311	3.10	-5.809	-0.685	3.944	7.292	9.031	9.296	8.548	7.339	6.076	4.869
321	3.20	3.508	1.588	-1.282	-5.256	-10.091	-15.126	-19.393	-21.847	-21.647	-18.409
331	3.30	-12.363	-4.365	4.242	11.894	17.138	18.954	16.979	11.586	3.792	-4.981
341	3.40	-13.216	-19.620	-23.367	-24.101	-22.102	-17.946	-12.437	-6.417	-0.655	4.227
351	3.50	7.785	9.787	10.233	9.379	7.704	5.831	4.383	3.811	4.245	5.437
361	3.60	6.819	7.666	7.333	5.664	2.119	-2.233	-6.863	-10.892	-13.709	-14.925
371	3.70	-14.528	-12.809	-10.247	-7.356	-4.564	-2.171	-0.328	0.902	1.487	1.380
381	3.80	0.519	-1.133	-3.512	-6.389	-9.333	-11.750	-12.988	-12.496	-9.991	-5.572
391	3.90	0.256	6.670	12.706	17.471	20.329	20.999	19.567	16.302	11.723	6.296
401	4.00	0.491	-5.226	-10.339	-14.261	-16.365	-16.098	-13.140	-7.572	0.034	8.629
411	4.10	16.841	23.213	26.505	25.953	21.446	13.577	3.550	-7.023	-16.405	-23.043
421	4.20	-25.844	-24.369	-18.920	-10.488	-0.587	9.018	16.627	20.921	21.213	17.581
431	4.30	10.870	2.521	-5.709	-12.122	-15.442	-15.107	-11.387	-5.320	1.550	7.557
441	4.40	11.316	12.038	9.666	4.817	-1.447	-7.922	-13.537	-17.528	-19.481	-19.281
451	4.50	-17.021	-12.952	-7.477	-1.188	5.110	10.458	13.900	14.712	12.626	7.974
461	4.60	1.659	-5.030	-10.724	-14.292	-15.091	-13.063	-8.683	-2.799	3.564	9.394
471	4.70	13.821	16.201	16.182	13.740	9.216	3.295	-3.066	-8.802	-12.939	-14.790
481	4.80	-14.093	-11.030	-6.146	-0.194	6.027	11.786	16.474	19.599	20.775	19.743
491	4.90	16.457	11.079	4.231	-3.213	-10.150	-15.476	-18.316	-18.221	-15.259	-9.996

Table 7—15—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1108 712-GR-1-S LG. (HB.) EDOGAWA EMB. MAX. ACC. = 33.145 (GAL) T= 3.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.360	3.545	9.633	14.005	16.067	15.601	12.792	8.202	2.695	-2.706
511	5.10	-6.998	-9.401	-9.526	-7.452	-3.705	0.869	5.301	8.708	10.457	10.265
521	5.20	8.217	5.722	0.415	-3.954	-7.655	-10.112	-11.022	-10.421	-8.681	-6.411
531	5.30	-4.281	-2.821	-2.255	-2.438	-2.925	-3.159	-2.699	-1.408	0.481	2.442
541	5.40	3.858	4.259	3.508	1.860	-0.123	-1.774	-2.567	-2.301	-1.178	0.256
551	5.50	1.295	1.305	-0.067	-2.761	-6.292	-9.865	-12.568	-13.608	-12.508	-9.230
561	5.60	-4.187	1.852	7.935	13.130	16.701	18.226	17.637	15.185	11.360	6.789
571	5.70	2.137	-1.982	-5.075	-6.828	-7.144	-6.153	-4.185	-1.707	0.768	2.777
581	5.80	3.982	4.211	3.466	1.897	-0.231	-2.562	-4.688	-6.194	-6.718	-6.068
591	5.90	-4.197	-1.450	1.665	4.500	6.462	7.203	6.738	5.458	4.010	3.086
601	6.00	3.198	4.509	6.787	9.483	11.900	13.366	13.502	12.106	9.350	5.623
611	6.10	1.456	-2.573	-5.928	-8.186	-9.100	-8.641	-7.014	-4.624	-1.999	0.324
621	6.20	1.912	2.525	2.167	0.953	-0.759	-2.659	-4.447	-5.897	-6.855	-7.225
631	6.30	-6.960	-6.053	-4.567	-2.538	-0.175	2.351	4.828	7.026	8.712	9.655
641	6.40	9.648	8.555	6.372	3.293	-0.276	-3.753	-6.506	-8.006	-7.996	-6.578
651	6.50	-4.199	-1.528	0.736	2.072	2.259	1.408	-0.127	-1.890	-3.479	-4.639
661	6.60	-5.287	-5.458	-5.226	-4.647	-3.726	-2.444	-0.808	1.114	3.169	5.137
671	6.70	6.768	7.820	8.092	7.443	5.812	3.246	-0.075	-3.816	-7.499	-10.562
681	6.80	-12.474	-12.866	-11.652	-9.075	-5.678	-2.169	0.757	2.595	3.148	2.555
691	6.90	1.214	-0.354	-1.661	-2.377	-2.394	-1.810	-0.861	0.178	1.078	1.717
701	7.00	2.087	2.263	2.343	2.384	2.355	2.135	1.550	0.452	-1.193	-3.239
711	7.10	-5.349	-7.050	-7.864	-7.457	-5.775	-3.104	-0.020	2.759	4.579	5.057
721	7.20	4.202	2.416	0.367	-1.230	-1.839	-1.269	0.280	2.304	4.174	5.343
731	7.30	5.498	4.627	2.957	0.840	-1.392	-3.520	-5.449	-7.155	-8.587	-9.599
741	7.40	-9.944	-9.345	-7.613	-4.768	-1.087	2.920	6.638	9.500	11.135	11.444
751	7.50	10.586	8.894	6.762	4.544	2.508	0.826	-0.393	-1.084	-1.227	-0.867
761	7.60	-0.144	0.713	1.422	1.736	1.522	0.815	-0.182	-1.169	-1.856	-2.064
771	7.70	-1.786	-1.182	-0.508	-0.020	0.123	-0.087	-0.511	-0.910	-1.032	-0.692
781	7.80	0.157	1.399	2.279	3.062	4.633	4.598	3.851	2.596	1.188	0.011
791	7.90	-0.666	-0.802	-0.620	-0.525	-0.946	-2.137	-4.035	-6.229	-8.068	-8.866
801	8.00	-8.137	-5.769	-2.067	2.333	6.650	10.165	12.372	13.052	12.247	10.198
811	8.10	7.262	3.863	0.451	-2.536	-4.724	-5.891	-6.031	-5.381	-4.374	-3.507
821	8.20	-3.176	-3.542	-4.470	-5.593	-6.457	-6.696	-6.160	-4.946	-3.328	-1.631
831	8.30	-0.095	1.178	2.216	3.089	3.819	4.336	4.483	4.123	3.205	1.846
841	8.40	0.312	-1.054	-1.943	-2.186	-1.793	-0.937	0.130	1.170	2.039	2.709
851	8.50	3.250	3.765	4.317	4.882	5.326	5.437	4.982	3.793	1.845	-0.693
861	8.60	-3.650	-5.912	-7.540	-7.909	-6.850	-4.525	-1.610	1.821	4.480	6.062
871	8.70	6.376	5.580	4.087	2.394	0.901	-0.221	-1.069	-1.820	-2.781	-4.062
881	8.80	-5.493	-6.835	-7.693	-7.770	-6.979	-5.485	-3.653	-1.915	-0.619	0.078
891	8.90	0.239	0.085	-0.124	-0.218	-0.190	-0.203	-0.515	-1.354	-2.808	-4.750
901	9.00	-6.845	-8.617	-9.579	-9.356	-7.790	-4.978	-1.254	2.892	6.926	10.380
911	9.10	12.939	14.481	15.065	14.873	14.129	13.019	11.639	9.991	8.017	5.672
921	9.20	2.991	0.137	-2.604	-4.884	-6.383	-6.905	-6.448	-5.206	-3.534	-1.753
931	9.30	-0.243	0.831	1.432	1.637	1.556	1.285	0.765	0.001	-1.085	-2.478
941	9.40	-4.050	-5.563	-6.729	-7.302	-7.169	-6.390	-5.180	-3.832	-2.620	-1.703
951	9.50	-1.100	-0.704	-0.366	0.026	0.478	0.876	1.027	0.733	-0.117	-1.496
961	9.60	-3.206	-4.935	-6.298	-6.936	-6.592	-5.175	-2.790	0.276	3.580	6.631
971	9.70	8.964	10.254	10.389	9.498	7.911	6.072	4.416	3.253	2.702	2.680
981	9.80	2.965	3.288	3.431	3.290	2.883	2.322	1.751	1.293	1.010	0.905
991	9.90	0.931	1.013	1.062	0.984	0.684	0.086	-0.842	-2.055	-3.413	-4.697

Table 7—15—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1108 712-GR-1-5 LG. (HB.) EDOGAWA EHB. MAX. ACC. = 33.145 (GAL) T= 3.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-5.657	-6.084	-5.886	-5.129	-4.022	-2.856	-1.905	-1.337	-1.163	-1.259
1011	10.10	-1.333	-1.210	-0.715	0.187	1.409	2.791	4.155	5.350	6.277	6.885
1021	10.20	7.165	7.045	6.581	5.779	4.712	3.508	2.340	1.387	0.791	0.611
1031	10.30	0.800	1.211	1.630	1.823	1.582	0.773	-0.639	-2.582	-4.877	-7.261
1041	10.40	-9.420	-11.040	-11.855	-11.703	-10.557	-8.537	-5.881	-2.897	0.099	2.837
1051	10.50	5.129	6.874	8.039	8.634	8.685	8.225	7.300	5.989	4.414	2.769
1061	10.60	1.196	-0.055	-0.851	-1.141	-0.989	-0.573	-0.150	0.003	-0.340	-1.275
1071	10.70	-2.730	-4.161	-6.102	-7.257	-7.619	-7.066	-5.704	-3.861	-1.981	-0.491
1081	10.80	0.323	0.409	-0.051	-0.720	-1.230	-1.326	-0.948	-0.243	0.503	0.987
1091	10.90	1.011	0.562	-0.187	-0.941	-1.404	-1.386	-0.877	-0.056	0.784	1.323
1101	11.00	1.340	0.781	-0.228	-1.422	-2.486	-3.156	-3.282	-2.876	-2.069	-1.060
1111	11.10	-0.039	0.864	1.596	2.161	2.571	2.810	2.815	2.497	1.789	0.702
1121	11.20	-0.645	-2.041	-3.234	-4.012	-4.266	-4.024	-3.428	-2.672	-1.924	-1.270
1131	11.30	-0.700	-0.134	0.519	1.304	2.188	3.072	3.819	4.310	4.470	4.284
1141	11.40	3.781	3.017	2.056	0.973	-0.140	-1.170	-1.990	-2.497	-2.664	-2.678
1151	11.50	-2.134	-1.806	-1.678	-1.861	-2.350	-3.018	-3.662	-4.067	-4.080	-3.648
1161	11.60	-2.824	-1.745	-0.581	0.501	1.367	1.922	2.118	1.955	1.497	0.886
1171	11.70	0.332	0.095	0.415	1.438	3.164	5.316	7.559	9.391	10.359	10.162
1181	11.80	8.736	6.263	3.124	-0.209	-3.288	-5.777	-7.491	-8.374	-8.454	-7.783
1191	11.90	-6.414	-4.612	-1.899	0.899	3.635	5.881	7.224	7.390	6.357	4.490
1201	12.00	2.044	-0.067	-1.361	-1.516	-0.570	1.085	2.818	3.963	4.031	2.866
1211	12.10	0.698	-1.933	-4.348	-5.931	-6.316	-5.476	-3.710	-1.533	0.489	1.898
1221	12.20	2.459	2.186	1.300	0.122	-1.031	-1.942	-2.525	-2.812	-2.896	-2.872
1231	12.30	-2.782	-2.607	-2.286	-1.767	-1.050	-0.219	0.576	1.153	1.371	1.179
1241	12.40	0.653	-0.022	-0.608	-0.884	-0.727	-0.156	0.684	1.569	2.197	2.455
1251	12.50	2.279	1.763	1.106	0.541	0.266	0.387	0.892	1.665	2.523	3.258
1261	12.60	3.725	3.770	3.343	2.444	1.130	-0.490	-2.265	-4.011	-5.533	-6.649
1271	12.70	-7.221	-7.178	-6.530	-5.361	-3.813	-2.058	-0.275	1.377	2.769	3.820
1281	12.80	4.494	4.806	4.808	4.574	4.178	3.667	3.059	2.364	1.517	0.608
1291	12.90	-0.292	-1.037	-1.460	-1.434	-0.941	-0.106	0.814	1.491	1.634	1.083
1301	13.00	-0.122	-1.744	-3.416	-4.749	-5.445	-5.373	-4.585	-3.271	-1.683	-0.048
1311	13.10	1.478	2.815	3.932	4.801	5.368	5.552	5.282	4.562	3.609	2.066
1321	13.20	0.763	-0.244	-0.767	-0.747	-0.269	0.455	1.153	1.564	1.508	0.928
1331	13.30	-0.106	-1.415	-2.760	-3.890	-4.599	-4.710	-4.197	-3.099	-1.564	0.171
1341	13.40	1.825	3.114	3.819	3.832	3.192	2.075	0.754	-0.475	-1.367	-1.788
1351	13.50	-1.738	-1.328	-0.729	-0.108	0.419	0.810	1.087	1.305	1.516	1.743
1361	13.60	1.973	2.167	2.272	2.239	2.031	1.620	0.999	0.178	-0.797	-1.844
1371	13.70	-2.848	-3.677	-4.210	-4.368	-4.129	-3.536	-2.673	-1.648	-0.569	0.463
1381	13.80	1.351	1.995	2.286	2.127	1.455	0.287	-1.265	-2.988	-4.604	-5.831
1391	13.90	-6.443	-6.330	-5.515	-4.147	-2.459	-0.717	0.836	2.015	2.719	2.930
1401	14.00	2.711	2.182	1.499	0.824	0.297	0.007	-0.015	0.194	0.557	0.971
1411	14.10	1.347	1.622	1.776	1.822	1.794	1.731	1.662	1.604	1.561	1.536
1421	14.20	1.530	1.551	1.601	1.673	1.742	1.754	1.638	1.317	0.728	-0.146
1431	14.30	-1.265	-2.519	-3.748	-4.768	-5.417	-5.582	-5.234	-4.417	-3.242	-1.866
1441	14.40	-0.379	1.025	2.240	3.152	3.657	3.675	3.181	2.228	0.969	-0.358
1451	14.50	-1.478	-2.139	-2.196	-1.646	-0.643	0.546	1.617	2.315	2.497	2.170
1461	14.60	1.470	0.617	-0.151	-0.643	-0.757	-0.495	0.053	0.739	1.603	1.912
1471	14.70	2.190	2.224	2.056	1.740	1.334	0.856	0.290	-0.391	-1.193	-2.069
1481	14.80	-2.902	-3.533	-3.803	-3.621	-3.006	-2.101	-1.133	-0.345	0.090	0.123
1491	14.90	-0.157	-0.561	-0.876	-0.945	-0.711	-0.231	0.363	0.928	1.366	1.653

Table 7—15—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1108 712-GR-1-5 LG. (HB.) EDOGAWA EHB. MAX. ACC. = 33.145 (GAL) T= 3.00 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.837	2.008	2.249	2.608	3.076	3.595	4.078	4.423	4.532	4.322
1511	15.10	3.743	2.793	1.541	0.161	-1.180	-2.156	-2.550	-2.228	-1.208	0.318
1521	15.20	2.030	3.555	4.570	4.883	4.471	3.455	2.095	0.615	-0.759	-1.873
1531	15.30	-2.660	-3.011	-2.966	-2.514	-1.712	-0.693	0.335	1.119	1.428	1.131
1541	15.40	0.255	-1.007	-2.349	-3.444	-4.046	-4.062	-3.555	-2.701	-1.700	-0.709
1551	15.50	0.189	0.968	1.602	2.016	2.075	1.630	0.598	-0.956	-2.784	-4.501
1561	15.60	-5.693	-6.060	-5.523	-4.260	-2.647	-1.126	-0.057	0.398	0.296	

Table 7—16—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	0.067	-0.050	-0.318	-0.659	-0.965	-1.147	-1.185	-1.128	-1.058	-1.036
11	0.10	-1.054	-1.028	-0.843	-0.427	0.197	0.891	1.452	1.700	1.565	1.124
21	0.20	0.577	0.161	0.048	0.275	0.743	1.270	1.686	1.692	1.903	1.790
31	0.30	1.629	1.444	1.196	0.821	0.296	-0.324	-0.904	-1.287	-1.375	-1.184
41	0.40	-0.857	-0.600	-0.591	-0.898	-1.438	-2.021	-2.423	-2.487	-2.173	-1.568
51	0.50	-0.832	-0.132	0.412	0.747	0.872	0.811	0.599	0.276	-0.095	-0.427
61	0.60	-0.614	-0.577	-0.293	0.175	0.695	1.151	1.500	1.210	0.866	0.336
71	0.70	-0.293	-0.955	-1.597	-2.152	-2.518	-2.566	-2.191	-1.382	-0.272	0.864
81	0.80	1.688	1.927	1.491	0.537	-0.577	-1.427	-1.690	-1.273	-0.347	0.731
91	0.90	1.572	1.916	1.717	1.139	0.458	-0.066	-0.298	-0.253	-0.056	0.144
101	1.00	0.255	0.277	0.278	0.341	0.502	0.721	0.903	0.937	0.746	0.323
111	1.10	-0.271	-0.929	-1.531	-1.974	-2.191	-2.162	-1.909	-1.500	-1.035	-0.629
121	1.20	-0.377	-0.331	-0.471	-0.713	-0.938	-1.030	-0.925	-0.626	-0.200	0.253
131	1.30	0.637	0.885	0.968	0.891	0.679	0.372	0.032	-0.261	-0.414	-0.351
141	1.40	-0.052	0.429	0.959	1.374	1.562	1.425	1.101	0.728	0.475	0.435
151	1.50	0.584	0.795	0.912	0.644	0.627	0.417	0.409	0.729	1.346	2.055
161	1.60	2.556	2.579	2.009	0.946	-0.334	-1.498	-2.298	-2.655	-2.674	-2.554
171	1.70	-2.465	-2.454	-2.424	-2.197	-1.628	-0.715	0.377	1.362	1.957	2.008
181	1.80	1.556	0.822	0.108	-0.335	-0.398	-0.168	0.231	0.534	0.633	0.519
191	1.90	0.281	0.042	-0.120	-0.205	-0.277	-0.407	-0.613	-0.859	-0.936	-0.819
201	2.00	-0.649	0.079	0.571	0.808	0.649	0.108	-0.640	-1.322	-1.681	-1.585
211	2.10	-1.094	-0.428	0.120	0.315	0.085	-0.454	-1.041	-1.394	-1.319	-0.798
221	2.20	0.020	0.891	1.586	1.987	2.119	2.136	2.131	2.243	2.405	2.467
231	2.30	2.251	1.655	0.732	-0.307	-1.159	-1.544	-1.325	-0.571	0.466	1.437
241	2.40	2.035	2.108	1.707	1.057	0.447	0.112	0.135	0.426	0.774	0.955
251	2.50	0.836	0.434	-0.099	-0.556	-0.781	-0.747	-0.572	-0.455	-0.572	-0.973
261	2.60	-1.538	-2.021	-2.155	-1.782	-0.941	0.136	1.113	1.702	1.786	1.470
271	2.70	1.029	0.769	0.877	1.328	1.892	2.254	2.171	1.603	0.739	-0.079
281	2.80	-0.528	-0.454	0.045	0.667	1.049	0.943	0.338	-0.536	-1.325	-1.722
291	2.90	-1.624	-1.178	-0.712	-0.570	-0.941	-1.759	-2.727	-3.448	-3.602	-3.087
301	3.00	-2.050	-0.816	0.268	0.981	1.307	1.413	1.538	1.864	2.419	3.062
311	3.10	3.555	3.682	3.346	2.617	1.693	0.845	0.162	-0.215	-0.399	-0.550
321	3.20	-0.829	-1.319	-1.993	-2.754	-3.433	-3.902	-4.083	-3.966	-3.594	-3.033
331	3.30	-2.355	-1.628	-0.930	-0.344	0.047	0.184	0.068	-0.219	-0.523	-0.660
341	3.40	-0.478	0.079	0.935	1.903	2.738	3.226	3.255	2.854	2.168	1.405
351	3.50	0.754	0.335	0.173	0.225	0.418	0.688	0.994	1.304	1.565	1.694
361	3.60	1.588	1.165	0.417	-0.560	-1.575	-2.398	-2.835	-2.800	-2.342	-1.621
371	3.70	-0.848	-0.209	0.186	0.316	0.225	-0.020	-0.361	-0.757	-1.174	-1.565
381	3.80	-1.874	-2.050	-2.077	-1.987	-1.854	-1.744	-1.665	-1.541	-1.227	-0.590
391	3.90	0.411	1.652	2.857	3.686	3.874	3.363	2.357	1.256	0.504	0.394
401	4.00	0.935	1.832	2.602	2.773	2.089	0.617	-1.276	-3.075	-4.321	-4.780
411	4.10	-4.503	-3.767	-2.925	-2.252	-1.846	-1.631	-1.443	-1.159	-0.683	-0.152
421	4.20	0.318	0.623	0.753	0.799	0.897	1.140	1.521	1.922	2.168	2.119
431	4.30	1.746	1.149	0.515	0.024	-0.234	-0.308	-0.349	-0.535	-0.972	-1.632
441	4.40	-2.358	-2.937	-3.190	-3.060	-2.638	-2.111	-1.686	-1.495	-1.543	-1.724
451	4.50	-1.877	-1.866	-1.640	-1.242	-0.774	-0.363	-0.007	0.239	0.445	0.660
461	4.60	0.895	1.113	1.245	1.232	1.055	0.765	0.368	-0.019	-0.392	-0.770
471	4.70	-1.188	-1.666	-2.174	-2.626	-2.912	-2.939	-2.675	-2.362	-1.693	-0.768
481	4.80	-0.053	0.643	1.351	2.102	2.883	3.620	4.202	4.522	4.538	4.291
491	4.90	3.896	3.488	3.159	2.923	2.710	2.413	1.952	1.322	0.607	-0.058

Table 7—16—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-0.543	-0.781	-0.795	-0.676	-0.527	-0.426	-0.380	-0.337	-0.230	-0.018
511	5.10	0.288	0.628	0.928	1.140	1.260	1.322	1.370	1.427	1.483	1.514
521	5.20	1.515	1.528	1.637	1.930	2.434	3.063	3.622	3.858	3.568	2.704
531	5.30	1.426	0.074	-0.947	-1.316	-0.920	0.092	1.373	2.514	3.200	3.329
541	5.40	3.022	2.566	2.180	2.084	2.233	2.448	2.494	2.197	1.529	0.614
551	5.50	-0.341	-1.137	-1.677	-1.989	-2.185	-2.381	-2.621	-2.841	-2.904	-2.672
561	5.60	-2.095	-1.246	-0.311	0.493	1.003	1.177	1.098	0.918	0.725	0.714
571	5.70	0.671	0.518	0.147	-0.449	-1.145	-1.719	-1.946	-1.710	-1.066	-0.235
581	5.80	0.480	0.818	0.667	0.116	-0.600	-1.198	-1.486	-1.443	-1.251	-1.119
591	5.90	-1.356	-2.053	-3.123	-4.304	-5.254	-5.680	-5.446	-4.610	-3.400	-2.112
601	6.00	-1.010	-0.236	0.213	0.457	0.653	0.919	1.274	1.635	1.846	1.752
611	6.10	1.258	0.379	-0.763	-1.977	-3.060	-3.857	-4.298	-4.397	-4.219	-3.831
621	6.20	-3.266	-2.516	-1.552	-0.377	0.936	2.226	3.283	3.903	3.976	3.519
631	6.30	2.703	1.770	0.962	0.433	0.197	0.153	0.140	0.020	-0.256	-0.641
641	6.40	-1.023	-1.289	-1.382	-1.322	-1.186	-1.066	-1.018	-1.049	-1.128	-1.215
651	6.50	-1.293	-1.364	-1.425	-1.428	-1.259	-0.765	0.191	1.648	3.489	5.450
661	6.60	7.175	8.334	8.729	8.359	7.411	6.184	4.972	3.973	3.242	2.718
671	6.70	2.290	1.881	1.502	1.246	1.240	1.563	2.184	2.929	3.516	3.625
681	6.80	2.990	1.483	-0.841	-3.753	-6.904	-9.904	-12.413	-14.206	-15.200	-15.669
691	6.90	-15.107	-14.378	-13.466	-12.541	-11.707	-10.983	-10.284	-9.426	-8.157	-6.228
701	7.00	-3.492	-0.009	3.901	7.683	10.687	12.359	12.443	11.092	8.830	6.366
711	7.10	4.335	3.057	2.450	2.104	1.516	0.353	-1.377	-3.326	-4.955	-5.842
721	7.20	-5.828	-5.093	-4.030	-3.009	-2.186	-1.442	-0.498	0.859	2.575	4.288
731	7.30	5.469	5.704	4.951	3.626	2.463	2.172	3.091	4.979	7.092	8.496
741	7.40	8.473	6.867	4.122	1.091	-1.349	-2.670	-2.870	-2.454	-1.960	-2.046
751	7.50	-2.865	-4.226	-5.667	-6.648	-6.702	-5.510	-2.903	1.124	6.362	12.294
761	7.60	18.045	22.469	24.414	23.113	18.542	11.570	3.784	-2.988	-7.281	-8.487
771	7.70	-7.024	-4.102	-1.216	0.462	0.374	-1.160	-3.395	-5.479	-6.837	-7.334
781	7.80	-7.199	-6.790	-6.365	-5.968	-5.479	-4.750	-3.741	-2.553	-1.360	-0.293
791	7.90	0.634	1.507	2.417	3.358	4.211	4.823	5.152	5.360	5.780	6.721
801	8.00	8.213	9.827	10.707	9.859	6.588	0.903	-6.332	-13.577	-19.112	-21.626
811	8.10	-20.666	-16.763	-11.179	-5.427	-0.756	2.180	3.356	3.177	2.181	0.808
821	8.20	-0.660	-2.020	-3.016	-3.298	-2.504	-0.459	2.651	6.234	9.445	11.480
831	8.30	11.887	10.737	8.579	6.183	4.205	2.937	2.232	1.659	0.769	-0.651
841	8.40	-2.469	-4.285	-5.642	-6.252	-6.123	-5.521	-4.818	-4.289	-3.991	-3.755
851	8.50	-3.308	-2.421	-1.027	0.756	2.691	4.520	6.032	7.071	7.501	7.173
861	8.60	5.955	3.823	0.970	-2.156	-4.924	-6.740	-7.294	-6.745	-5.710	-5.037
871	8.70	-5.426	-7.081	-9.546	-11.839	-12.788	-11.600	-8.131	-3.005	2.636	7.592
881	8.80	11.045	12.807	13.250	12.984	12.465	11.733	10.430	8.070	4.616	-0.239
891	8.90	-5.071	-8.987	-11.073	-10.969	-9.027	-6.146	-3.387	-1.565	-0.877	-1.100
901	9.00	-1.620	-1.869	-1.561	-0.761	0.237	1.129	1.779	2.261	2.773	3.479
911	9.10	4.408	5.458	6.496	7.472	8.456	9.559	10.774	11.852	12.307	11.586
921	9.20	9.326	5.586	0.390	-3.939	-8.105	-11.353	-13.330	-14.482	-15.771	-17.336
931	9.30	-19.103	-20.627	-21.347	-20.910	-19.372	-17.159	-14.819	-12.695	-10.717	-8.437
941	9.40	-5.309	-1.058	4.056	9.249	13.505	16.017	16.554	15.566	13.977	12.746
951	9.50	12.445	13.036	13.964	14.498	14.146	12.927	11.375	10.280	10.321	11.755
961	9.60	14.324	17.383	20.179	22.122	22.935	22.648	21.664	19.621	17.291	14.579
971	9.70	11.547	8.246	4.698	0.858	-3.395	-8.200	-13.584	-19.329	-24.918	-29.633
981	9.80	-32.777	-33.949	-33.221	-31.134	-28.483	-25.996	-24.043	-22.550	-21.094	-19.196
991	9.90	-16.594	-13.393	-9.995	-6.868	-4.288	-2.211	-0.327	1.707	4.017	6.381

Table 7—16—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	8.304	9.266	9.009	7.697	5.859	4.136	2.963	2.364	1.971	1.267
1011	10.10	-0.085	-2.008	-4.003	-5.387	-5.656	-4.770	-3.212	-1.772	-1.155	-1.625
1021	10.20	-2.863	-4.115	-4.568	-3.759	-1.810	0.629	2.696	3.727	3.569	2.621
1031	10.30	1.613	1.240	1.827	3.219	4.906	6.331	7.197	7.618	8.044	9.013
1041	10.40	10.871	13.595	16.817	20.005	22.705	24.696	25.994	26.712	26.875	26.305
1051	10.50	24.661	21.609	17.043	11.221	4.754	-1.579	-7.088	-11.391	-14.492	-16.690
1061	10.60	-18.376	-19.820	-21.048	-21.860	-21.968	-21.162	-19.446	-17.059	-14.410	-11.944
1071	10.70	-10.022	-8.835	-8.378	-8.446	-8.764	-8.856	-8.308	-6.768	-4.077	-0.357
1081	10.80	3.979	8.300	11.929	14.334	15.272	14.825	13.303	11.092	8.502	5.718
1091	10.90	2.864	0.117	-2.207	-3.702	-4.050	-3.263	-1.837	-0.698	-0.902	-3.177
1101	11.00	-7.519	-13.031	-18.150	-21.186	-20.976	-17.364	-11.279	-4.366	1.678	5.765
1111	11.10	7.779	8.476	8.979	10.145	12.088	14.126	15.147	14.226	11.165	6.678
1121	11.20	2.134	-1.038	-1.979	-0.765	1.667	3.992	5.127	4.709	3.201	1.583
1131	11.30	0.820	1.364	2.961	4.833	6.128	6.389	5.787	4.989	4.742	5.380
1141	11.40	6.532	7.192	6.161	2.531	-3.655	-11.476	-19.321	-25.479	-28.752	-28.836
1151	11.50	-26.334	-22.406	-18.252	-14.654	-11.772	-9.246	-6.523	-3.221	0.654	4.733
1161	11.60	8.502	11.604	14.030	16.122	18.366	21.089	24.224	27.267	29.463	30.130
1171	11.70	28.977	26.432	22.524	18.552	14.701	10.821	6.282	0.333	-7.394	-16.480
1181	11.80	-25.627	-32.994	-36.841	-36.233	-31.487	-24.141	-16.414	-10.381	-7.194	-6.705
1191	11.90	-7.642	-8.263	-7.174	-3.929	0.843	5.842	9.795	12.099	13.067	13.672
1201	12.00	14.926	17.219	19.979	21.852	21.314	17.434	10.396	1.529	-7.186	-13.881
1211	12.10	-17.493	-18.056	-16.499	-14.085	-11.807	-10.030	-8.527	-6.839	-4.703	-2.315
1221	12.20	-0.255	0.837	0.663	-0.521	-1.980	-2.850	-2.548	-1.069	1.120	3.140
1231	12.30	4.252	4.019	2.385	-0.455	-4.245	-8.765	-13.780	-18.890	-23.425	-26.518
1241	12.40	-27.374	-25.621	-21.552	-16.090	-10.444	-5.605	-1.929	0.972	3.972	7.918
1251	12.50	13.149	19.295	25.439	30.632	34.338	36.687	38.312	39.887	41.625	43.022
1261	12.60	43.036	40.593	35.187	27.236	17.982	8.995	1.510	-4.050	-8.126	-11.625
1271	12.70	-15.305	-19.267	-22.836	-24.894	-24.478	-21.336	-16.140	-10.244	-5.130	-1.803
1281	12.80	-0.447	-0.481	-0.949	-1.025	-0.852	2.089	2.819	2.725	1.734	
1291	12.90	-0.125	-2.895	-6.722	-11.724	-17.732	-24.112	-29.802	-33.608	-34.661	-32.786
1301	13.00	-28.612	-23.317	-18.137	-13.848	-10.496	-7.691	-4.012	0.683	5.905	11.511
1311	13.10	16.214	19.046	19.560	17.962	14.955	11.387	7.918	4.858	2.226	-0.045
1321	13.20	-1.922	-3.224	-3.745	-3.457	-2.636	-1.801	-1.465	-1.813	-2.510	-2.754
1331	13.30	-1.620	1.473	6.371	12.102	17.161	20.069	19.922	16.832	11.803	6.360
1341	13.40	1.935	-0.655	-1.427	-1.077	-0.562	-0.524	-1.174	-2.106	-2.663	-2.321
1351	13.50	-0.981	0.967	2.839	3.994	4.132	3.406	2.310	1.401	1.029	1.203
1361	13.60	1.658	2.067	2.278	2.411	2.805	3.775	5.376	7.288	8.886	9.496
1371	13.70	8.700	6.535	3.685	0.271	-2.665	-4.424	-5.725	-6.768	-7.965	-9.487
1381	13.80	-11.153	-12.529	-13.170	-12.876	-11.810	-10.424	-9.213	-8.447	-8.001	-7.406
1391	13.90	-6.084	-3.659	-0.198	3.759	7.374	9.832	10.652	9.855	7.926	5.591
1401	14.00	3.561	2.285	1.867	2.108	2.647	3.108	3.204	2.780	1.818	0.621
1411	14.10	-1.197	-2.742	-3.900	-4.432	-4.288	-3.675	-3.027	-2.864	-3.580	-5.243
1421	14.20	-7.505	-9.693	-11.034	-10.959	-9.338	-6.542	-3.313	-0.481	1.360	1.962
1431	14.30	1.651	0.978	0.572	0.866	1.954	3.585	5.281	6.516	6.880	6.191
1441	14.40	4.518	2.153	-0.463	-2.821	-4.439	-4.952	-4.191	-2.235	0.586	3.754
1451	14.50	6.675	8.824	9.873	9.755	8.657	6.944	5.039	3.309	1.990	1.150
1461	14.60	0.720	0.543	0.441	0.281	0.018	-0.285	-0.468	-0.324	0.321	1.533
1471	14.70	3.206	5.062	6.712	7.773	7.999	7.375	6.130	4.658	3.367	2.516
1481	14.80	2.116	1.924	1.568	0.621	-1.027	-3.271	-5.708	-7.780	-8.961	-8.934
1491	14.90	-7.693	-5.535	-2.955	-0.494	1.416	2.532	2.820	2.407	1.501	0.333

Table 7—16—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-0.876	-1.934	-2.656	-2.901	-2.609	-1.844	-0.827	0.098	0.551	0.244
1511	15.10	-0.903	-2.707	-4.771	-6.616	-7.845	-8.290	-8.049	-7.428	-6.791	-6.406
1521	15.20	-6.339	-6.447	-6.478	-6.196	-5.503	-4.472	-3.297	-2.193	-1.289	-0.579
1531	15.30	0.058	0.783	1.702	2.807	3.971	4.981	5.600	5.620	4.902	3.409
1541	15.40	1.235	-1.363	-3.956	-5.979	-6.868	-6.208	-3.925	-0.369	3.726	7.469
1551	15.50	10.002	10.981	10.500	9.132	7.645	6.482	6.699	6.891	7.333	7.255
1561	15.60	6.330	4.621	2.531	0.588	-0.819	-1.626	-2.098	-2.671	-3.706	-5.290
1571	15.70	-7.182	-8.924	-10.049	-10.276	-9.601	-8.241	-6.484	-4.536	-2.452	-0.189
1581	15.80	2.270	4.788	7.050	8.660	9.313	8.969	7.904	6.621	5.630	5.214
1591	15.90	5.275	5.364	4.863	3.760	0.399	-3.427	-7.538	-11.095	-13.366	-13.946
1601	16.00	-12.840	-10.417	-7.248	-3.928	-0.931	1.466	3.175	4.258	4.865	5.189
1611	16.10	5.426	5.740	6.232	6.902	7.630	8.189	8.298	7.707	6.282	4.069
1621	16.20	1.309	-1.618	-4.275	-6.288	-7.429	-7.662	-7.132	-6.103	-4.873	-3.699
1631	16.30	-2.732	-2.045	-1.602	-1.356	-1.263	-1.306	-1.475	-1.740	-2.015	-2.157
1641	16.40	-1.994	-1.386	-0.295	1.172	2.769	4.157	5.050	5.218	4.650	3.514
1651	16.50	2.118	0.821	-0.058	-0.313	0.114	1.142	2.595	4.189	5.620	6.570
1661	16.60	6.762	6.018	4.318	1.848	-1.005	-3.717	-5.744	-6.664	-6.307	-4.806
1671	16.70	-2.570	-0.169	1.834	3.036	3.287	2.708	1.607	0.557	-0.727	-1.475
1681	16.80	-1.873	-2.011	-2.000	-1.897	-1.677	-1.258	-0.571	0.361	1.381	2.218
1691	16.90	2.570	2.220	1.142	-0.458	-2.179	-3.542	-4.142	-3.776	-2.498	-0.594
1701	17.00	1.531	3.477	4.959	5.869	6.149	5.930	5.265	4.208	2.811	1.167
1711	17.10	-0.569	-2.103	-3.260	-3.882	-4.002	-3.836	-3.706	-3.934	-4.679	-5.879
1721	17.20	-7.255	-8.424	-9.055	-8.997	-8.336	-7.329	-6.292	-5.433	-4.768	-4.135
1731	17.30	-3.289	-2.058	-0.469	1.261	2.718	3.537	3.522	2.761	1.608	0.561
1741	17.40	0.067	0.359	1.374	2.792	4.179	5.164	5.575	5.475	5.100	4.719
1751	17.50	4.495	4.416	4.309	3.944	3.161	1.962	0.521	-0.886	-2.005	-2.708
1761	17.60	-3.032	-3.136	-3.196	-3.304	-3.411	-3.358	-2.972	-2.185	-1.102	0.012
1771	17.70	0.827	1.093	0.762	0.021	-0.759	-1.165	-0.894	0.140	1.727	3.684
1781	17.80	5.474	6.824	7.559	7.664	7.243	6.456	5.457	4.363	3.247	2.145
1791	17.90	1.075	0.050	-0.920	-1.811	-2.585	-3.191	-3.579	-3.727	-3.676	-3.539
1801	18.00	-5.482	-5.668	-4.183	-4.975	-5.853	-6.561	-6.789	-6.479	-5.686	-4.652
1811	18.10	-3.679	-2.990	-2.622	-2.401	-2.021	-1.191	0.212	2.089	4.100	5.836
1821	18.20	6.962	7.364	7.086	6.460	5.780	5.266	4.970	4.804	4.604	4.239
1831	18.30	3.675	2.984	2.286	1.687	1.221	0.846	0.481	0.049	-0.479	-1.088
1841	18.40	-1.736	-2.384	-3.005	-3.568	-4.007	-4.216	-4.064	-3.459	-2.417	-1.100
1851	18.50	0.203	1.162	1.525	1.224	0.405	-0.621	-1.502	-1.980	-1.987	-1.646
1861	18.60	-1.196	-0.880	-0.839	-1.072	-1.475	-1.917	-2.318	-2.674	-3.030	-3.405
1871	18.70	-3.737	-3.871	-3.619	-2.880	-1.624	-0.823	1.312	2.351	2.806	2.705
1881	18.80	2.286	1.889	1.812	2.206	2.979	3.894	4.648	5.011	4.902	4.396
1891	18.90	3.667	2.896	2.204	1.619	1.105	0.610	0.109	-0.381	-0.819	-1.171
1901	19.00	-1.427	-1.611	-1.752	-1.867	-1.953	-1.997	-2.004	-2.015	-2.091	-2.284
1911	19.10	-2.589	-2.918	-3.115	-3.007	-2.681	-1.564	-0.331	0.935	2.022	2.771
1921	19.20	3.140	3.194	3.057	2.850	2.646	2.468	2.314	2.182	2.084	2.028
1931	19.30	1.991	1.695	1.625	1.083	0.247	-0.794	-1.851	-2.715	-3.243	-3.438
1941	19.40	-3.446	-3.482	-3.733	-4.231	-4.828	-5.247	-5.208	-4.554	-3.338	-1.802
1951	19.50	-0.287	0.911	1.669	1.963	2.021	2.014	2.059	2.159	2.224	2.158
1961	19.60	1.927	1.594	1.290	1.161	1.195	1.395	1.612	1.723	1.688	1.592
1971	19.70	1.611	1.935	2.669	3.769	5.051	6.252	7.142	7.606	7.678	7.510
1981	19.80	7.277	7.086	6.908	6.587	5.899	4.666	2.851	0.605	-1.761	-3.865
1991	19.90	-5.383	-6.157	-6.248	-5.901	-5.447	-5.167	-5.185	-5.416	-5.609	-5.455

Table 7—16—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-4.713	-3.311	-1.365	0.769	2.788	4.347	5.235	5.375	4.813	3.677
2011	20.10	2.150	0.458	-1.139	-2.374	-3.031	-3.026	-2.461	-1.648	-1.021	-0.995
2021	20.20	-1.811	-3.426	-5.507	-7.573	-9.152	-9.965	-9.997	-9.444	-8.562	-7.514
2031	20.30	-6.280	-4.705	-2.640	-0.124	2.529	4.769	6.003	5.836	4.267	1.723
2041	20.40	-1.078	-3.391	-4.709	-4.927	-4.522	-3.586	-2.578	-2.156	-2.089	-2.161
2051	20.50	-2.028	-1.572	-0.769	0.234	1.212	2.138	2.887	3.556	4.213	4.859
2061	20.60	5.406	5.720	5.711	5.397	4.492	4.231	4.334	4.334	4.569	4.728
2071	20.70	4.678	4.316	3.704	3.009	2.402	1.952	1.574	1.062	0.202	-1.107
2081	20.80	-2.761	-4.464	-5.826	-6.509	-6.362	-5.481	-4.161	-2.787	-1.689	-1.037
2091	20.90	-0.816	-0.868	-0.981	-0.972	-0.740	-0.261	0.442	1.325	2.329	3.360
2101	21.00	4.264	4.825	4.803	4.020	2.436	0.207	-2.342	-4.799	-6.798	-8.131
2111	21.10	-8.800	-8.990	-8.956	-8.905	-8.891	-8.802	-8.407	-7.468	-5.844	-3.559
2121	21.20	-0.794	2.160	4.987	7.410	9.233	10.345	10.713	10.368	9.409	7.992
2131	21.30	6.315	4.582	2.955	1.512	0.249	-0.891	-1.955	-2.922	-3.692	-4.125
2141	21.40	-4.119	-3.688	-2.987	-2.266	-1.760	-1.570	-1.591	-1.528	-1.017	0.217
2151	21.50	2.222	4.770	7.423	9.683	11.167	11.716	11.414	10.520	9.317	8.006
2161	21.60	6.646	5.170	3.478	1.502	-0.728	-3.087	-5.401	-7.496	-9.244	-10.567
2171	21.70	-11.433	-11.850	-11.765	-11.268	-10.605	-9.278	-8.011	-6.716	-5.459	-4.260
2181	21.80	-3.086	-1.689	-0.630	0.691	2.043	3.376	4.631	5.753	6.686	7.366
2191	21.90	7.728	7.719	7.323	6.575	5.562	4.393	3.160	1.915	0.662	-0.612
2201	22.00	-1.887	-3.077	-4.027	-4.550	-4.691	-3.791	-2.516	-0.861	1.012	2.834
2211	22.10	4.486	5.915	7.132	8.187	9.132	10.015	10.870	11.711	12.517	13.207
2221	22.20	13.623	13.548	12.760	11.111	8.603	5.416	1.875	-1.642	-4.807	-7.428
2231	22.30	-9.466	-10.992	-12.109	-12.890	-13.353	-13.497	-13.355	-13.029	-12.674	-12.427
2241	22.40	-12.316	-12.200	-11.792	-10.762	-8.688	-6.181	-2.943	0.313	3.016	4.731
2251	22.50	5.507	4.921	3.997	3.051	2.514	2.595	3.246	4.211	5.138	5.706
2261	22.60	5.731	5.528	4.253	3.136	2.100	1.340	0.937	0.852	0.948	1.046
2271	22.70	0.987	0.681	0.132	-0.579	-1.936	-2.041	-2.649	-3.176	-3.675	-4.190
2281	22.80	-4.723	-5.219	-5.583	-5.719	-5.569	-5.139	-4.488	-3.707	-2.879	-2.061
2291	22.90	-1.277	-0.523	0.215	0.952	1.712	2.531	3.465	4.571	5.885	7.385
2301	23.00	8.966	10.440	11.566	12.098	11.856	10.767	8.903	6.475	3.801	1.248
2311	23.10	-0.862	-2.226	-2.820	-2.720	-2.167	-1.580	-1.256	-1.471	-2.299	-3.618
2321	23.20	-5.154	-6.569	-7.580	-8.036	-7.961	-7.523	-6.967	-6.527	-6.356	-6.489
2331	23.30	-6.868	-7.271	-7.565	-7.569	-7.095	-6.156	-4.780	-3.107	-1.343	0.287
2341	23.40	1.595	2.693	3.016	3.320	3.624	4.132	4.953	6.056	7.268	8.326
2351	23.50	8.961	8.986	8.346	7.132	5.541	3.803	2.119	0.604	-0.717	-1.876
2361	23.60	-2.912	-3.814	-4.498	-4.820	-4.641	-3.899	-2.670	-1.186	0.218	1.211
2371	23.70	1.579	1.319	0.651	-0.054	-0.411	-0.163	0.724	2.055	3.485	4.666
2381	23.80	5.351	5.462	5.061	4.274	3.205	1.887	0.311	-1.509	-3.463	-5.326
2391	23.90	-6.813	-7.687	-7.886	-7.472	-6.791	-6.147	-5.761	-5.646	-5.610	-5.349
2401	24.00	-4.606	-3.503	-1.600	0.152	1.563	2.257	2.180	1.424	0.269	-0.943
2411	24.10	-1.921	-2.491	-2.606	-2.520	-1.737	-0.971	-0.118	0.753	1.603	2.420
2421	24.20	3.212	3.990	4.742	5.416	5.913	6.120	5.955	5.425	4.649	3.837
2431	24.30	3.221	2.960	3.067	3.395	3.695	3.718	3.329	2.564	1.622	0.774
2441	24.40	0.250	0.141	0.375	0.752	1.049	1.112	0.919	0.578	0.269	0.155
2451	24.50	0.317	0.722	1.243	1.713	1.991	2.010	1.792	1.437	1.077	0.828
2461	24.60	0.741	0.783	0.846	0.786	0.487	-0.074	-0.801	-1.484	-1.874	-1.778
2471	24.70	-1.552	-0.154	0.893	1.602	1.664	0.970	-0.339	-1.916	-3.336	-4.253
2481	24.80	-4.519	-4.224	-3.533	-3.068	-2.768	-2.815	-3.118	-3.488	-3.735	-3.753
2491	24.90	-3.556	-3.243	-2.934	-2.700	-2.523	-2.317	-1.976	-1.437	-0.725	0.048

Table 7—16—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.723	1.155	1.266	1.078	0.701	0.286	-0.019	-0.119	0.009	0.332
2511	25.10	0.784	1.303	1.847	2.397	2.938	3.435	3.806	3.943	3.736	3.106
2521	25.20	2.056	0.682	-0.836	-2.279	-3.450	-4.224	-4.573	-4.556	-4.287	-3.880
2531	25.30	-3.420	-2.944	-2.454	-1.939	-1.397	-0.861	-0.293	0.240	0.772	1.341
2541	25.40	1.986	2.721	3.517	4.291	4.935	5.367	5.467	5.302	4.929	4.468
2551	25.50	4.050	3.773	3.676	3.726	3.831	3.863	3.705	3.288	2.619	1.788
2561	25.60	0.947	0.262	-0.148	-0.263	-0.187	-0.128	-0.337	-1.026	-2.285	-4.039
2571	25.70	-6.057	-8.008	-9.556	-10.450	-10.584	-10.013	-8.915	-7.529	-6.088	-4.753
2581	25.80	-3.609	-2.651	-1.820	-1.033	-0.221	0.662	1.623	2.640	3.678	4.704
2591	25.90	5.697	6.656	7.581	8.455	9.220	9.763	9.924	9.534	8.459	6.664
2601	26.00	4.245	1.432	-1.446	-4.043	-6.043	-7.262	-7.659	-7.337	-6.505	-5.413
2611	26.10	-4.300	-3.347	-2.654	-2.241	-2.057	-2.003	-1.961	-1.817	-1.487	-0.946
2621	26.20	-0.235	0.533	1.197	1.591	1.592	1.174	0.432	-0.433	-1.161	-1.519
2631	26.30	-1.384	-0.791	0.068	0.903	1.433	1.483	1.044	0.243	-0.630	-1.432
2641	26.40	-2.054	-2.547	-3.045	-3.664	-4.388	-5.029	-5.271	-4.801	-3.475	-1.422
2651	26.50	0.946	3.063	4.408	4.708	4.045	2.824	1.610	0.906	0.965	1.719
2661	26.60	2.838	3.901	4.580	4.760	4.552	4.203	3.954	3.926	4.081	4.267
2671	26.70	4.317	4.137	3.749	3.267	2.825	2.510	2.327	2.214	2.088	1.900
2681	26.80	1.619	1.365	1.066	0.724	0.264	-0.407	-1.341	-2.513	-3.809	-5.058
2691	26.90	-6.090	-6.784	-7.096	-7.048	-6.704	-6.137	-5.422	-4.658	-3.882	-3.260
2701	27.00	-2.858	-2.698	-2.707	-2.714	-2.508	-1.919	-0.898	0.441	1.868	3.029
2711	27.10	3.754	3.943	3.688	3.204	2.726	2.414	2.294	2.272	2.196	1.943
2721	27.20	1.482	0.881	0.281	-0.176	-0.398	-0.370	-0.146	0.189	0.546	0.864
2731	27.30	1.101	1.259	1.270	1.206	1.085	0.970	0.935	1.028	1.246	1.513
2741	27.40	1.698	1.671	1.351	0.760	0.024	-0.670	-1.132	-1.244	-0.989	-0.449
2751	27.50	0.240	0.935	1.529	1.963	2.213	2.272	2.141	1.839	1.407	0.920
2761	27.60	0.465	0.107	-0.143	-0.345	-0.598	-0.986	-1.524	-2.129	-2.652	-2.947
2771	27.70	-2.962	-2.786	-2.629	-2.739	-3.276	-4.223	-5.373	-6.398	-6.986	-6.967
2781	27.80	-6.378	-5.621	-4.754	-3.356	-2.447	-1.498	-0.337	1.125	2.805	4.445
2791	27.90	5.719	6.373	6.348	5.812	5.078	4.461	4.122	4.030	3.945	3.591
2801	28.00	2.780	1.508	-0.036	-1.559	-2.793	-3.591	-3.967	-4.046	-3.985	-3.882
2811	28.10	-3.750	-3.537	-3.187	-2.687	-2.089	-1.477	-0.920	-0.427	0.054	0.608
2821	28.20	1.295	2.115	2.996	3.826	4.492	4.922	5.091	5.011	4.710	4.220
2831	28.30	3.583	2.866	2.169	1.601	1.236	1.067	0.988	0.819	0.585	-0.400
2841	28.40	-1.473	-2.622	-3.561	-4.041	-3.948	-3.346	-2.448	-1.526	-0.806	-0.400
2851	28.50	-0.292	-0.379	-0.540	-0.687	-0.780	-0.818	-0.813	-0.776	-0.729	-0.720
2861	28.60	-0.830	-1.140	-1.684	-2.391	-3.072	-3.469	-3.351	-2.628	-1.610	0.007
2871	28.70	1.247	2.004	2.168	1.866	1.400	1.115	1.244	1.818	2.666	3.507
2881	28.80	4.075	4.229	3.985	3.486	2.918	2.428	2.084	1.874	1.743	1.633
2891	28.90	1.489	1.263	0.900	0.345	-0.429	-1.381	-2.378	-3.219	-3.693	-3.657
2901	29.00	-3.101	-2.155	-1.044	0.002	0.825	1.372	1.677	1.802	1.777	1.588
2911	29.10	1.202	0.627	-0.043	-0.632	-0.949	-0.876	-0.449	0.137	0.593	0.653
2921	29.20	0.191	-0.729	-1.885	-2.996	-3.827	-4.284	-4.397	-4.260	-3.947	-3.459
2931	29.30	-2.736	-1.717	-0.459	0.937	2.143	2.896	3.024	2.516	1.553	0.415
2941	29.40	-0.632	-1.430	-1.967	-2.334	-2.638	-2.925	-3.147	-3.200	-3.001	-2.556
2951	29.50	-1.982	-1.662	-1.147	-1.079	-1.152	-1.153	-0.870	-0.203	0.766	1.785
2961	29.60	2.526	2.715	2.255	1.272	0.072	-0.974	-1.568	-1.589	-1.134	-0.461
2971	29.70	0.116	0.357	0.180	-0.307	-0.858	-1.184	-1.063	-0.420	0.656	1.950
2981	29.80	3.207	4.219	4.884	5.217	5.301	5.222	5.006	4.605	3.930	2.924
2991	29.90	1.628	0.209	-1.075	-1.986	-2.314	-2.152	-1.693	-1.250	-1.104	-1.378

Table 7—16—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-1.979	-2.631	-2.991	-2.805	-2.013	-0.787	0.539	1.604	2.153	2.130
3011	30.10	1.672	1.036	0.479	0.183	0.197	0.468	0.901	1.412	1.955	2.503
3021	30.20	3.016	3.410	3.573	3.407	2.890	2.314	1.274	0.607	0.301	0.421
3031	30.30	0.866	1.497	2.035	2.334	2.343	2.122	1.789	1.449	1.140	0.825
3041	30.40	0.432	-0.093	-0.733	-1.401	-1.973	-2.350	-2.505	-2.490	-2.405	-2.334
3051	30.50	-2.292	-2.213	-1.983	-1.505	-0.763	0.149	1.060	1.784	2.205	2.326
3061	30.60	2.261	2.177	2.211	2.403	2.676	2.878	2.856	2.560	1.976	1.312
3071	30.70	0.736	0.382	0.295	0.402	0.565	0.650	0.584	0.384	0.126	-0.107
3081	30.80	-0.284	-0.451	-0.711	-1.165	-1.847	-2.680	-3.595	-4.083	-4.285	-4.065
3091	30.90	-3.534	-2.915	-2.453	-2.318	-2.532	-2.959	-3.360	-3.495	-3.225	-2.570
3101	31.00	-1.706	-0.889	-0.350	-0.199	-0.386	-0.727	-0.995	-1.021	-0.766	-0.337
3111	31.10	0.076	0.291	0.228	-0.053	-0.380	-0.562	-0.484	-0.180	0.175	0.337
3121	31.20	0.109	-0.555	-1.519	-2.503	-3.196	-3.387	-3.051	-2.356	-1.592	-1.047
3131	31.30	-0.885	-1.090	-1.482	-1.807	-1.851	-1.528	-0.910	-0.186	0.423	0.753
3141	31.40	0.752	0.483	0.081	-0.311	-0.592	-0.720	-0.699	-0.543	-0.251	0.205
3151	31.50	0.858	1.716	2.723	3.779	4.739	5.472	5.900	6.030	5.938	5.733
3161	31.60	5.509	5.297	5.052	4.678	4.077	3.206	2.112	0.927	-0.168	-1.015
3171	31.70	-1.537	-1.766	-1.832	-1.903	-2.113	-2.546	-3.128	-3.750	-4.274	-4.601
3181	31.80	-4.704	-4.621	-4.422	-4.166	-3.864	-3.504	-3.062	-2.548	-2.018	-1.562
3191	31.90	-1.254	-1.105	-1.043	-0.932	-0.633	-0.076	0.694	1.518	2.185	2.519
3201	32.00	2.452	2.053	1.494	0.969	0.609	0.431	0.345	0.217	-0.055	-0.481
3211	32.10	-0.971	-1.379	-1.580	-1.525	-1.273	-0.956	-0.724	-0.678	-0.843	-1.164
3221	32.20	-1.555	-1.938	-2.271	-2.549	-2.770	-2.913	-2.921	-2.716	-2.253	-1.541
3231	32.30	-0.677	0.178	0.853	1.225	1.271	1.075	0.800	0.626	0.692	1.049
3241	32.40	1.662	2.432	3.245	4.014	4.695	5.283	5.784	6.188	6.460	6.544
3251	32.50	6.395	6.013	5.452	4.814	4.211	3.718	3.336	2.988	2.551	1.913
3261	32.60	1.030	-0.062	-1.159	-2.147	-2.870	-3.290	-3.480	-3.588	-3.767	-4.104
3271	32.70	-4.581	-5.081	-5.446	-5.566	-5.332	-4.842	-4.176	-3.434	-2.668	-1.876
3281	32.80	-1.015	-0.061	0.958	1.955	2.806	3.400	3.586	3.689	3.489	3.177
3291	32.90	2.818	2.425	1.984	1.480	0.938	0.427	0.063	-0.132	-0.063	0.218
3301	33.00	0.641	1.126	1.621	2.112	2.615	3.142	3.680	4.184	4.595	4.867
3311	33.10	4.985	4.963	4.623	4.576	4.294	3.725	3.126	2.484	1.912	1.520
3321	33.20	1.356	1.359	1.362	1.142	0.523	-0.561	-1.923	-3.366	-4.579	-5.356
3331	33.30	-5.647	-5.560	-5.295	-5.030	-4.851	-4.723	-4.551	-4.264	-3.879	-3.513
3341	33.40	-3.319	-3.384	-3.659	-3.949	-3.996	-3.591	-2.712	-1.536	-0.393	0.372
3351	33.50	0.544	0.124	-0.673	-1.524	-2.131	-2.338	-2.169	-1.777	-1.347	-1.005
3361	33.60	-0.770	-0.578	-0.352	-0.061	0.251	0.489	0.576	0.502	0.343	0.222
3371	33.70	0.239	0.406	0.631	0.758	0.646	0.252	-0.334	-0.916	-1.277	-1.277
3381	33.80	-0.918	-0.347	0.209	0.543	0.552	0.281	-0.108	-0.418	-0.492	-0.310
3391	33.90	0.062	0.469	0.761	0.858	0.778	0.623	0.529	0.604	0.889	1.346
3401	34.00	1.884	2.391	2.775	2.983	3.000	2.843	2.548	2.159	1.730	1.325
3411	34.10	1.009	0.832	0.814	0.932	1.121	1.300	1.397	1.386	1.296	1.194
3421	34.20	1.157	1.227	1.384	1.568	1.693	1.445	1.026	0.381	-0.381	-1.106
3431	34.30	-1.641	-1.874	-1.763	-1.362	-0.710	-0.008	0.600	0.962	0.962	0.557
3441	34.40	-0.210	-1.200	-2.211	-3.028	-3.488	-3.534	-3.235	-2.753	-2.281	-1.960
3451	34.50	-1.829	-1.815	-1.780	-1.600	-1.227	-0.713	-0.186	0.240	0.514	0.705
3461	34.60	0.962	1.137	2.196	3.157	4.108	4.786	4.998	4.711	4.079	3.376
3471	34.70	2.478	2.730	2.882	3.110	3.123	2.707	1.826	0.650	-0.520	-1.390
3481	34.80	-1.801	-1.795	-1.588	-1.456	-1.602	-2.046	-2.700	-3.269	-3.551	-3.457
3491	34.90	-3.068	-2.593	-2.262	-2.213	-2.433	-2.768	-3.012	-3.010	-2.757	-2.309

Table 7—16—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.920	-1.749	-1.873	-2.240	-2.706	-3.115	-3.377	-3.506	-3.590	-3.727
3511	35.10	-3.942	-4.156	-4.212	-3.947	-3.289	-2.313	-1.233	-0.333	0.145	0.094
3521	35.20	-0.417	-1.169	-1.876	-2.287	-2.266	-1.812	-1.037	-0.110	0.804	1.588
3531	35.30	2.178	2.558	2.741	2.763	2.675	2.564	2.464	2.464	2.582	2.855
3541	35.40	3.221	3.614	3.972	4.255	4.453	4.573	4.620	4.585	4.468	4.195
3551	35.50	3.843	3.451	3.109	2.912	2.919	3.124	3.462	3.825	4.108	4.247
3561	35.60	4.229	4.089	3.877	3.628	3.349	3.022	2.627	2.159	1.668	1.140
3571	35.70	0.678	0.274	-0.105	-0.532	-1.095	-1.859	-2.833	-3.953	-5.081	-6.035
3581	35.80	-6.625	-6.710	-6.236	-5.264	-3.983	-2.656	-1.567	-0.935	-0.854	-1.257
3591	35.90	-1.947	-2.668	-3.197	-3.418	-3.358	-3.148	-2.952	-2.883	-2.950	-3.059
3601	36.00	-3.068	-2.866	-2.430	-1.846	-1.263	-0.828	-0.623	-0.632	-0.769	-0.926
3611	36.10	-1.037	-1.098	-1.158	-1.272	-1.454	-1.663	-1.815	-1.838	-1.716	-1.505
3621	36.20	-1.314	-1.243	-1.333	-1.525	-1.699	-1.694	-1.511	-0.843	-0.085	0.703
3631	36.30	1.358	1.270	1.212	1.232	1.423	1.584	1.596	1.406	1.136	1.278
3641	36.40	1.500	1.746	1.941	2.013	1.926	1.707	1.456	1.329	1.486	2.053
3651	36.50	2.971	4.188	5.489	6.655	7.509	7.961	8.015	7.768	7.284	6.663
3661	36.60	6.020	5.380	4.774	4.214	3.697	3.196	2.658	2.025	1.259	0.375
3671	36.70	-0.548	-1.380	-1.991	-2.303	-2.333	-2.190	-2.029	-1.979	-2.076	-2.228
3681	36.80	-2.246	-1.920	-1.116	0.150	1.690	3.195	4.333	4.854	4.675	3.898
3691	36.90	2.765	1.568	0.555	-0.142	-0.525	-0.702	-0.823	-1.017	-1.351	-1.817
3701	37.00	-2.364	-2.926	-3.456	-3.932	-4.362	-4.749	-5.088	-5.360	-5.545	-5.644
3711	37.10	-5.686	-5.725	-5.812	-5.967	-6.158	-6.309	-6.322	-6.126	-5.714	-5.145
3721	37.20	-4.532	-3.991	-3.592	-3.336	-3.156	-2.953	-2.639	-2.178	-1.589	-0.933
3731	37.30	-0.277	0.324	0.845	1.275	1.608	1.842	1.988	2.097	2.267	2.621
3741	37.40	3.258	4.188	5.289	6.321	6.995	7.088	6.544	5.517	4.326	3.323
3751	37.50	2.754	2.640	2.777	2.827	2.476	1.591	0.293	-1.078	-2.105	-2.457
3761	37.60	-2.019	-0.924	0.516	1.944	3.088	3.837	4.237	4.421	4.530	4.656
3771	37.70	4.828	5.040	5.280	5.557	5.786	5.957	5.925	5.542	4.702	3.407
3781	37.80	1.800	0.126	-1.357	-2.487	-3.269	-3.865	-4.497	-5.316	-6.290	-7.184
3791	37.90	-7.640	-7.336	-6.144	-4.217	-1.962	0.099	1.517	2.067	1.813	1.048
3801	38.00	0.155	-0.542	-0.891	-0.925	-0.805	-0.718	-0.794	-1.067	-1.497	-2.016
3811	38.10	-2.577	-3.165	-3.777	-4.397	-4.971	-5.416	-5.664	-5.694	-5.557	-5.352
3821	38.20	-5.180	-5.088	-5.041	-4.939	-4.671	-4.181	-3.506	-2.769	-2.124	-1.675
3831	38.30	-1.428	-1.283	-1.086	-0.720	-0.175	0.421	0.848	0.887	0.426	-0.475
3841	38.40	-1.595	-2.624	-3.280	-3.617	-3.672	-3.436	-3.173	-2.302	-1.149	-1.249
3851	38.50	-1.451	-1.554	-1.392	-0.822	-0.086	0.911	1.964	2.861	3.568	3.966
3861	38.60	4.056	3.930	3.667	3.384	3.193	3.184	3.304	3.569	3.796	3.939
3871	38.70	3.920	3.757	3.537	3.377	3.368	3.536	3.824	4.134	4.372	4.500
3881	38.80	4.558	4.636	4.815	5.128	5.523	5.885	6.109	6.145	6.033	5.881
3891	38.90	5.794	5.807	5.835	5.700	5.211	4.261	2.904	1.354	-0.089	-1.168
3901	39.00	-1.779	-2.028	-2.183	-2.557	-3.364	-4.613	-6.098	-7.474	-8.399	-8.670
3911	39.10	-8.305	-7.519	-6.636	-5.957	-5.654	-5.721	-6.008	-6.298	-6.406	-6.242
3921	39.20	-5.833	-5.290	-4.758	-4.353	-4.137	-4.099	-4.179	-4.286	-4.328	-4.226
3931	39.30	-3.993	-3.435	-2.753	-1.937	-1.049	-0.147	0.729	1.561	2.368	3.081
3941	39.40	3.734	4.255	4.586	4.677	4.562	4.249	3.921	3.689	3.650	3.821
3951	39.50	4.134	4.487	4.695	4.743	4.624	4.425	4.266	4.241	4.374	4.606
3961	39.60	4.827	4.925	4.839	4.586	4.244	3.913	3.662	3.693	3.868	3.136
3971	39.70	2.785	2.290	1.712	1.155	0.714	0.429	0.260	0.098	-0.187	-0.690
3981	39.80	-1.430	-2.334	-3.260	-4.047	-4.560	-4.729	-4.556	-4.104	-3.471	-2.759
3991	39.90	-2.059	-1.438	-0.935	-0.559	-0.291	-0.084	0.122	0.382	0.720	1.114

Table 7—16—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.496	1.772	1.853	1.693	1.306	0.765	0.180	-0.350	-0.756	-1.020
4011	40.10	-1.163	-1.226	-1.260	-1.218	-1.157	-1.053	-0.912	-0.757	-0.615	-0.493
4021	40.20	-0.375	-0.319	0.026	0.384	0.833	1.300	1.684	1.898	1.892	1.684
4031	40.30	1.346	0.971	0.639	0.387	0.210	0.077	-0.042	-0.158	-0.264	-0.351
4041	40.40	-0.629	-0.535	-0.721	-1.021	-1.418	-1.853	-2.138	-2.204	-1.956	-1.414
4051	40.50	-0.694	0.023	0.561	0.806	0.740	0.436	0.016	-0.407	-0.769	-1.067
4061	40.60	-1.339	-1.635	-1.978	-2.362	-2.764	-3.160	-3.550	-3.945	-4.351	-4.738
4071	40.70	-5.039	-5.163	-5.039	-4.659	-4.102	-3.508	-3.027	-2.748	-2.649	-2.600
4081	40.80	-2.419	-1.959	-1.188	-0.222	0.706	1.338	1.492	1.147	0.447	-0.349
4091	40.90	-0.966	-1.215	-1.044	-0.540	0.132	0.802	1.356	1.759	2.032	2.223
4101	41.00	2.366	2.477	2.563	2.643	2.758	2.955	3.262	3.665	4.099	4.474
4111	41.10	4.718	4.812	4.802	4.770	4.786	4.858	4.918	4.869	4.542	3.959
4121	41.20	3.169	2.331	1.627	1.184	1.018	1.026	1.029	0.862	0.446	-0.172
4131	41.30	-0.839	-1.358	-1.574	-1.443	-1.048	-0.576	-0.254	-0.268	-0.709	-1.532
4141	41.40	-2.573	-3.586	-4.316	-4.573	-4.288	-3.551	-2.581	-1.669	-1.076	-0.945
4151	41.50	-1.248	-1.802	-2.349	-2.670	-2.680	-2.464	-2.225	-2.175	-2.412	-2.857
4161	41.60	-3.269	-3.363	-2.955	-2.066	-0.969	0.011	0.456	0.209	-0.646	-1.803
4171	41.70	-2.872	-3.546	-3.719	-3.508	-3.171	-2.967	-3.038	-3.353	-3.751	-4.034
4181	41.80	-4.063	-3.804	-3.312	-2.670	-1.930	-1.092	-0.157	0.919	1.988	2.924
4191	41.90	3.590	3.938	4.059	4.158	4.469	5.130	6.103	7.176	8.049	8.471
4201	42.00	8.359	7.833	7.146	6.556	6.182	5.972	5.725	5.231	4.408	3.377
4211	42.10	2.426	1.881	1.938	2.551	3.426	4.137	4.301	3.766	2.581	1.149
4221	42.20	-0.121	-0.886	-1.013	-0.613	0.029	0.581	0.785	0.532	-0.136	-1.069
4231	42.30	-2.095	-3.062	-3.870	-4.272	-4.359	-5.051	-5.090	-5.040	-4.965	-4.907
4241	42.40	-4.863	-4.768	-4.519	-4.016	-3.216	-2.173	-1.034	0.004	0.769	1.174
4251	42.50	1.252	1.130	0.968	0.889	0.923	1.008	1.028	0.877	0.522	0.018
4261	42.60	-0.510	-0.924	-1.124	-1.088	-0.870	-0.570	-0.287	-0.087	0.014	0.034
4271	42.70	0.008	-0.037	-0.089	-0.141	-0.183	-0.183	-0.100	0.108	0.457	0.921
4281	42.80	1.432	1.891	2.202	2.299	2.163	1.832	1.382	0.907	0.494	0.197
4291	42.90	0.036	-0.001	0.049	0.141	0.234	0.291	0.282	0.185	-0.018	-0.329
4301	43.00	-0.727	-1.160	-1.548	-1.802	-1.847	-1.662	-1.293	-0.856	-0.499	-0.353
4311	43.10	-0.478	-0.831	-1.278	-1.640	-1.769	-1.608	-1.229	-0.798	-0.514	-0.524
4321	43.20	-0.850	-1.383	-1.923	-2.256	-2.244	-1.871	-1.239	-0.513	0.155	0.687
4331	43.30	1.094	1.452	1.844	2.300	2.778	3.175	3.381	3.321	2.995	2.468
4341	43.40	1.835	1.184	0.566	-0.018	-0.588	-1.161	-1.736	-2.292	-2.804	-3.259
4351	43.50	-3.656	-4.000	-4.272	-4.421	-4.372	-4.053	-3.440	-2.581	-1.593	-0.624
4361	43.60	0.202	0.834	1.307	1.713	2.136	2.603	3.051	3.351	3.369	3.036
4371	43.70	2.391	1.576	0.778	0.155	-0.230	-0.426	-0.565	-0.793	-1.195	-1.761
4381	43.80	-2.385	-2.915	-3.216	-3.211	-2.908	-2.380	-1.729	-1.056	-0.434	0.090
4391	43.90	0.500	0.798	1.011	1.191	1.407	1.728	2.195	2.788	3.425	3.975
4401	44.00	4.306	4.336	4.071	3.605	3.087	2.660	2.407	2.321	2.314	2.265
4411	44.10	2.071	1.687	1.142	0.509	-0.123	-0.686	-1.146	-1.496	-1.738	-1.871
4421	44.20	-1.888	-1.796	-1.618	-1.425	-1.296	-1.301	-1.464	-1.743	-2.043	-2.250
4431	44.30	-2.262	-2.121	-1.824	-1.493	-1.230	-1.084	-1.034	-0.994	-0.862	-0.572
4441	44.40	-0.130	0.379	0.826	1.093	1.128	0.965	0.722	0.541	0.560	0.757
4451	44.50	1.140	1.566	1.897	2.030	1.933	1.652	1.275	0.897	0.572	0.296
4461	44.60	0.022	-0.314	-0.755	-1.294	-1.874	-2.402	-2.781	-2.934	-2.826	-2.462
4471	44.70	-1.878	-1.127	-0.273	0.622	1.497	2.299	2.990	3.558	4.016	4.399
4481	44.80	4.741	5.059	5.335	5.522	5.557	5.398	5.047	4.561	4.034	3.560
4491	44.90	3.196	2.926	2.674	2.330	1.800	1.055	0.147	-0.800	-1.638	-2.243

Table 7—16—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.564	-2.629	-2.530	-2.385	-2.292	-2.304	-2.425	-2.634	-2.907	-3.241
4511	45.10	-3.652	-4.154	-4.737	-5.341	-5.861	-6.170	-6.164	-5.801	-5.127	-4.269
4521	45.20	-3.396	-2.662	-2.158	-1.884	-1.761	-1.672	-1.517	-1.259	-0.936	-0.638
4531	45.30	-0.458	-0.442	-0.559	-0.713	-0.785	-0.692	-0.427	-0.071	0.245	0.596
4541	45.40	0.321	0.054	-0.289	-0.562	-0.650	-0.512	-0.191	0.213	0.595	0.883
4551	45.50	1.063	1.165	1.236	1.297	1.355	1.391	1.391	1.365	1.348	1.383
4561	45.60	1.494	1.666	1.851	1.990	2.046	2.033	2.003	2.028	2.152	2.366
4571	45.70	2.600	2.752	2.732	2.496	2.069	1.523	0.950	0.421	-0.028	-0.393
4581	45.80	-0.650	-0.933	-1.131	-1.299	-1.471	-1.700	-2.037	-2.501	-3.043	-3.545
4591	45.90	-3.868	-3.813	-3.385	-2.626	-1.699	-0.808	-0.115	0.326	0.582	0.798
4601	46.00	1.120	1.613	2.224	2.804	3.176	3.219	2.924	2.400	1.819	1.344
4611	46.10	1.061	0.952	0.921	0.851	0.672	0.390	0.084	-0.134	-0.177	-0.019
4621	46.20	0.296	0.678	1.030	1.286	1.421	1.461	1.438	1.381	1.302	1.197
4631	46.30	1.069	0.932	0.818	0.758	0.760	0.795	0.790	0.657	0.523	-0.227
4641	46.40	-0.933	-1.667	-2.273	-2.624	-2.663	-2.436	-2.056	-1.679	-1.422	-1.323
4651	46.50	-1.332	-1.339	-1.237	-0.977	-0.605	-0.268	-0.063	-0.169	-0.591	-1.248
4661	46.60	-1.981	-2.613	-3.014	-3.140	-3.036	-2.800	-2.544	-2.350	-2.257	-2.268
4671	46.70	-2.361	-2.503	-2.652	-2.750	-2.727	-2.521	-2.106	-1.518	-0.860	-0.270
4681	46.80	0.136	0.317	0.336	0.331	0.460	0.803	1.324	1.871	2.253	2.340
4691	46.90	2.145	1.836	1.671	1.881	2.549	3.562	4.644	5.480	5.850	5.729
4701	47.00	5.297	4.845	4.662	4.811	5.275	5.891	6.112	6.006	5.437	4.514
4711	47.10	3.436	2.397	1.514	0.831	0.207	-0.331	-0.833	-1.275	-1.607	-1.801
4721	47.20	-1.880	-1.913	-1.979	-2.127	-2.340	-2.542	-2.634	-2.538	-2.234	-1.766
4731	47.30	-1.215	-0.667	-0.181	0.216	0.517	0.715	0.797	0.745	0.565	0.294
4741	47.40	0.004	-0.222	-0.328	-0.315	-0.245	-0.218	-0.324	-0.609	-1.046	-1.557
4751	47.50	-2.048	-2.453	-2.766	-3.030	-3.313	-3.661	-4.067	-4.487	-4.765	-4.864
4761	47.60	-4.708	-4.297	-3.686	-2.963	-2.218	-1.529	-0.943	-0.480	-0.137	0.108
4771	47.70	0.286	0.432	0.581	0.754	0.957	1.178	1.392	1.577	1.715	1.805
4781	47.80	1.858	1.888	1.910	1.934	1.965	2.008	2.066	2.126	2.168	2.146
4791	47.90	2.009	1.722	1.291	0.780	0.303	-0.014	-0.081	0.105	0.451	0.789
4801	48.00	0.938	0.778	0.297	-0.399	-1.130	-1.717	-2.051	-2.133	-2.053	-1.939
4811	48.10	-1.888	-1.907	-1.933	-1.848	-1.561	-1.055	-0.404	0.247	0.750	1.009
4821	48.20	1.015	0.845	0.618	0.442	0.370	0.389	0.442	0.457	0.391	0.237
4831	48.30	0.050	-0.186	-0.372	-0.511	-0.607	-0.672	-0.717	-0.748	-0.765	-0.775
4841	48.40	-0.792	-0.842	-0.968	-1.127	-1.385	-1.703	-2.069	-2.456	-2.834	-3.165
4851	48.50	-3.402	-3.493	-3.399	-3.113	-2.668	-2.143	-1.633	-1.216	-0.923	-0.721
4861	48.60	-0.528	-0.257	0.143	0.669	1.176	1.604	1.838	1.855	1.717	1.547
4871	48.70	1.474	1.572	1.849	2.204	2.518	2.689	2.681	2.538	2.358	2.241
4881	48.80	2.248	2.374	2.562	2.737	2.849	2.895	2.915	2.961	3.063	3.200
4891	48.90	3.306	3.291	3.084	2.666	2.085	1.440	0.851	0.416	0.183	0.135
4901	49.00	0.206	0.306	0.356	0.319	0.209	0.088	0.037	0.118	0.348	0.674
4911	49.10	0.991	1.175	1.135	0.855	0.408	-0.067	-0.422	-0.566	-0.513	-0.383
4921	49.20	-0.353	-0.579	-1.118	-1.895	-2.729	-3.409	-3.785	-3.835	-3.669	-3.469
4931	49.30	-3.389	-3.478	-3.645	-3.702	-3.461	-2.834	-1.892	-0.869	0.024	0.537
4941	49.40	0.568	0.288	-0.095	-0.344	-0.318	-0.029	0.370	0.673	0.714	0.449
4951	49.50	-0.029	-0.538	-0.893	-0.984	-0.817	-0.501	-0.190	-0.012	-0.023	-0.193
4961	49.60	-0.430	-0.625	-0.696	-0.614	-0.399	-0.106	0.204	0.473	0.677	0.820
4971	49.70	0.939	1.096	1.353	1.756	2.292	2.895	3.431	3.747	3.718	3.305
4981	49.80	2.581	1.718	0.935	0.416	0.251	0.406	0.747	1.106	1.356	1.457
4991	49.90	1.461	1.469	1.568	1.780	2.047	2.268	2.348	2.256	2.044	1.817

Table 7—16—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.684	1.695	1.814	1.932	1.917	1.676	1.193	0.532	-0.194	-0.875
5011	50.10	-1.447	-1.898	-2.252	-2.529	-2.718	-2.775	-2.647	-2.312	-1.807	-1.232
5021	50.20	-0.713	-0.359	-0.221	-0.271	-0.431	-0.608	-0.740	-0.821	-0.887	-0.992
5031	50.30	-1.166	-1.393	-1.633	-1.834	-1.971	-2.066	-2.168	-2.345	-2.623	-2.978
5041	50.40	-3.336	-3.602	-3.696	-3.586	-3.297	-2.893	-2.466	-2.010	-1.612	-1.256
5051	50.50	-0.935	-0.664	-0.465	-0.360	-0.353	-0.416	-0.493	-0.521	-0.462	-0.320
5061	50.60	-0.148	-0.023	-0.012	-0.143	-0.384	-0.661	-0.885	-0.989	-0.959	-0.828
5071	50.70	-0.657	-0.501	-0.377	-0.252	-0.062	0.257	0.736	1.362	1.988	2.556
5081	50.80	2.934	3.070	2.972	2.715	2.403	2.130	1.943	1.832	1.736	1.579
5091	50.90	1.305	0.903	0.416	-0.085	-0.524	-0.858	-1.087	-1.244	-1.368	-1.472
5101	51.00	-1.526	-1.460	-1.194	-0.675	0.085	1.002	1.941	2.752	3.328	3.631
5111	51.10	3.700	3.625	3.503	3.388	3.275	3.105	2.798	2.308	1.654	0.932
5121	51.20	0.288	-0.132	-0.241	-0.048	0.338	0.743	0.990	0.965	0.658	0.167
5131	51.30	-0.363	-0.707	-0.821	-0.681	-0.383	-0.072	0.119	0.129	-0.011	-0.195
5141	51.40	-0.297	-0.239	-0.029	0.229	0.377	0.269	-0.172	-0.919	-1.853	-2.507
5151	51.50	-3.624	-4.203	-4.518	-4.596	-4.488	-4.231	-3.840	-3.314	-2.659	-1.913
5161	51.60	-1.151	-0.470	0.038	0.319	0.367	0.224	-0.035	-0.335	-0.617	-0.849
5171	51.70	-1.031	-1.187	-1.361	-1.606	-1.969	-2.473	-3.094	-3.750	-4.308	-4.615
5181	51.80	-4.567	-4.061	-3.226	-2.212	-1.238	-0.501	-0.101	-0.010	-0.081	-0.110
5191	51.90	0.081	0.577	1.359	2.224	3.041	3.624	3.880	3.811	3.496	3.052
5201	52.00	2.594	2.200	1.908	1.721	1.620	1.582	1.585	1.616	1.672	1.759
5211	52.10	1.891	2.083	2.341	2.650	2.969	3.235	3.385	3.373	3.197	2.899
5221	52.20	2.553	2.241	2.017	1.898	1.853	1.830	1.773	1.653	1.471	1.254
5231	52.30	1.037	0.844	0.683	0.567	0.422	0.302	0.193	0.106	0.052	0.023
5241	52.40	-0.002	-0.055	-0.166	-0.362	-0.564	-0.786	-0.943	-0.989	-0.899	-0.697
5251	52.50	-0.445	-0.233	-0.166	-0.234	-0.494	-0.860	-1.229	-1.495	-1.591	-1.520
5261	52.60	-1.356	-1.218	-1.220	-1.417	-1.777	-2.191	-2.509	-2.606	-2.432	-2.036
5271	52.70	-1.553	-1.067	-0.730	-0.534	-0.408	-0.241	0.055	0.497	1.015	1.487
5281	52.80	1.794	1.879	1.782	1.617	1.529	1.624	1.926	2.367	2.824	3.168
5291	52.90	3.316	3.261	3.054	2.780	2.508	2.275	2.078	1.893	1.702	1.505
5301	53.00	1.322	1.178	1.088	1.046	1.028	1.008	0.970	0.917	0.862	0.817
5311	53.10	0.781	0.735	0.656	0.530	0.360	0.169	-0.016	-0.182	-0.342	-0.536
5321	53.20	-0.806	-1.173	-1.617	-2.078	-2.470	-2.726	-2.820	-2.782	-2.688	-2.619
5331	53.30	-2.629	-2.721	-2.650	-2.953	-2.987	-2.955	-2.910	-2.930	-3.077	-3.361
5341	53.40	-3.727	-4.075	-4.304	-4.354	-4.233	-4.013	-3.797	-3.667	-3.655	-3.720
5351	53.50	-3.779	-3.738	-3.540	-3.184	-2.726	-2.251	-1.841	-1.544	-1.370	-1.295
5361	53.60	-1.280	-1.288	-1.293	-1.269	-1.193	-1.038	-0.782	-0.422	0.019	0.492
5371	53.70	0.938	1.311	1.601	1.835	2.066	2.365	2.689	3.075	3.443	3.727
5381	53.80	3.882	3.908	3.842	3.739	3.643	3.566	3.486	3.369	3.190	2.956
5391	53.90	2.700	2.464	2.268	2.097	1.905	1.661	1.286	0.875	0.493	0.244
5401	54.00	0.195	0.367	0.617	0.874	0.987	0.887	0.590	0.192	-0.181	-0.429
5411	54.10	-0.521	-0.513	-0.507	-0.610	-0.877	-1.285	-1.751	-2.159	-2.418	-2.490
5421	54.20	-2.399	-2.213	-2.011	-1.855	-1.771	-1.757	-1.792	-1.850	-1.912	-1.959
5431	54.30	-1.974	-1.935	-1.824	-1.637	-1.389	-1.117	-0.862	-0.655	-0.501	-0.373
5441	54.40	-0.225	-0.012	0.288	0.664	1.079	1.487	1.862	2.209	2.558	2.951
5451	54.50	3.411	3.920	4.415	4.805	4.998	4.937	4.620	4.102	3.477	2.869
5461	54.60	2.301	1.872	1.558	1.320	1.100	0.850	0.540	0.166	-0.249	-0.668
5471	54.70	-1.047	-1.345	-1.536	-1.607	-1.567	-1.441	-1.268	-1.088	-0.939	-0.844
5481	54.80	-0.810	-0.828	-0.877	-0.933	-0.973	-0.978	-0.936	-0.841	-0.689	-0.486
5491	54.90	-0.249	-0.011	0.185	0.289	0.263	0.095	-0.193	-0.545	-0.886	-1.135

Table 7—16—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 43.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.248	-1.216	-1.069	-0.867	-0.675	-0.543	-0.500	-0.549	-0.680	-0.879
5511	55.10	-1.133	-1.428	-1.733	-2.001	-2.169	-2.169	-1.958	-1.533	-0.939	-0.263
5521	55.20	0.400	0.969	1.406	1.715	1.932	2.104	2.259	2.402	2.515	2.575
5531	55.30	2.561	2.466	2.292	2.042	1.711	1.295	0.801	0.263	-0.257	-0.674
5541	55.40	-0.913	-0.940	-0.775	-0.493	-0.198	0.023	0.133	0.151	0.142	0.171
5551	55.50	0.267	0.403	0.510	0.508	0.355	0.076	-0.241	-0.478	-0.540	-0.397
5561	55.60	-0.102	0.235	0.491	0.579	0.682	0.256	-0.007	-0.212	-0.305	-0.282
5571	55.70	-0.181	-0.052	0.067	0.161	0.237	0.305	0.365	0.401	0.395	0.339
5581	55.80	0.250	0.167	0.131	0.160	0.230	0.271	0.195	-0.070	-0.538	-1.147
5591	55.90	-1.777	-2.281	-2.569	-2.567	-2.334	-2.039	-1.808	-1.741	-1.849	-2.043
5601	56.00	-2.172	-2.078	-1.670	-0.959	-0.061	0.845	1.583	2.047	2.234	2.231
5611	56.10	2.177	2.192	2.331	2.564	2.797	2.919	2.855	2.597	2.199	1.755
5621	56.20	1.343	1.001	0.714	0.433	0.119	-0.270	-0.681	-1.068	-1.377	-1.584
5631	56.30	-1.708	-1.803	-1.924	-2.103	-2.328	-2.550	-2.707	-2.757	-2.692	-2.546
5641	56.40	-2.366	-2.191	-2.027	-1.845	-1.591	-1.216	-0.700	-0.063	0.635	1.319
5651	56.50	1.907	2.338	2.571	2.591	2.406	2.046	1.570	1.058	0.603	0.293
5661	56.60	0.186	0.277	0.515	0.799	1.018	1.087	0.978	0.723	0.401	0.103
5671	56.70	-0.105	-0.207	-0.238	-0.271	-0.377	-0.603	-0.951	-1.374	-1.799	-2.144
5681	56.80	-2.347	-2.381	-2.356	-2.205	-1.992	-1.375	-1.107	-0.921	-0.828	-0.810
5691	56.90	-0.830	-0.839	-0.786	-0.639	-0.391	-0.068	0.283	0.603	0.845	0.986
5701	57.00	1.032	1.011	0.959	0.900	0.835	0.747	0.616	0.433	0.218	0.015
5711	57.10	-0.123	-0.164	-0.112	-0.020	0.032	-0.029	-0.242	-0.584	-0.980	-1.338
5721	57.20	-1.582	-1.688	-1.685	-1.632	-1.582	-1.568	-1.496	-1.368	-1.127	-0.787
5731	57.30	-0.422	-0.140	-0.025	-0.091	-0.260	-0.394	-0.358	-0.091	0.360	0.856
5741	57.40	1.231	1.398	1.381	1.330	1.443	1.865	2.596	3.475	4.235	4.622
5751	57.50	4.513	3.984	3.279	2.704	2.484	2.660	3.069	3.425	3.447	2.997
5761	57.60	2.135	1.091	0.156	-0.452	-0.670	-0.601	-0.443	-0.379	-0.485	-0.701
5771	57.70	-0.881	-0.871	-0.603	-0.126	0.419	0.870	1.123	1.176	1.115	1.060
5781	57.80	1.095	1.223	1.367	1.613	1.270	0.919	0.419	-0.125	-0.610	-0.980
5791	57.90	-1.243	-1.450	-1.652	-1.911	-2.185	-2.436	-2.610	-2.671	-2.618	-2.481
5801	58.00	-2.301	-2.115	-1.943	-1.790	-1.658	-1.551	-1.484	-1.466	-1.499	-1.564
5811	58.10	-1.632	-1.674	-1.676	-1.669	-1.621	-1.624	-1.677	-1.775	-1.893	-1.995
5821	58.20	-2.057	-2.074	-2.062	-2.047	-2.046	-2.052	-2.032	-1.963	-1.745	-1.421
5831	58.30	-0.993	-0.512	-0.048	0.333	0.583	0.682	0.641	0.487	0.256	-0.018
5841	58.40	-0.309	-0.599	-0.871	-1.105	-1.271	-1.337	-1.270	-1.068	-0.676	-0.184
5851	58.50	0.371	0.924	1.416	1.817	2.131	2.392	2.647	2.936	3.262	3.509
5861	58.60	3.933	4.190	4.360	4.451	4.493	4.518	4.537	4.527	4.440	4.227
5871	58.70	3.866	3.381	2.854	2.385	2.057	1.905	1.895	1.940	1.936	1.809
5881	58.80	1.545	1.201	0.876	0.669	0.638	0.775	1.001	1.218	1.328	1.277
5891	58.90	1.071	0.765	0.437	0.157	-0.035	-0.131	-0.153	-0.137	-0.118	-0.133
5901	59.00	-0.212	-0.386	-0.680	-1.103	-1.637	-2.232	-2.808	-3.281	-3.582	-3.686
5911	59.10	-3.619	-3.449	-3.256	-3.107	-3.030	-3.012	-3.018	-3.014	-2.990	-2.971
5921	59.20	-3.000	-3.113	-3.313	-3.560	-3.785	-3.918	-3.926	-3.824	-3.675	-3.552
5931	59.30	-3.505	-3.520	-3.529	-3.428	-3.132	-2.618	-1.961	-1.217	-0.579	-0.119
5941	59.40	0.148	0.280	0.378	0.526	0.756	1.031	1.276	1.421	1.452	1.421
5951	59.50	1.424	1.543	1.796	2.116	2.368	2.419	2.201	1.764	1.265	0.907
5961	59.60	0.854	1.156	1.720	2.353	2.843	3.057	2.995	2.787	2.621	2.658
5971	59.70	2.950	3.411	3.864	4.120	4.064	3.710	3.189	2.689	2.373	2.313
5981	59.80	2.472	2.736	2.978	3.116	3.139	3.093	3.037	2.991	2.923	2.757
5991	59.90	2.426	1.914	1.288	0.675	0.212	-0.016	-0.022	0.084	0.137	-0.010

Table 7—16—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 63.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.424	-1.064	-1.800	-2.473	-2.963	-3.239	-3.366	-3.465	-3.651	-3.975
6011	60.10	-4.398	-4.804	-5.057	-5.058	-4.791	-4.329	-3.805	-3.359	-3.086	-3.005
6021	60.20	-3.067	-3.185	-3.273	-3.283	-3.210	-3.089	-2.926	-2.767	-2.598	-2.402
6031	60.30	-2.169	-1.911	-1.666	-1.480	-1.387	-1.385	-1.433	-1.462	-1.405	-1.224
6041	60.40	-0.928	-0.571	-0.236	0.006	0.104	0.056	-0.100	-0.298	-0.467	-0.562
6051	60.50	-0.480	-0.266	0.099	0.570	1.086	1.574	1.962	2.205	2.301	2.291
6061	60.60	2.247	2.245	2.326	2.485	2.668	2.802	2.833	2.755	2.616	2.500
6071	60.70	2.485	2.603	2.826	3.074	3.259	3.326	3.281	3.179	3.096	3.079
6081	60.80	3.116	3.131	3.038	2.774	2.352	1.861	1.434	1.183	1.144	1.249
6091	60.90	1.353	1.292	0.960	0.357	-0.409	-1.166	-1.750	-2.071	-2.141	-2.063
6101	61.00	-1.975	-1.991	-2.153	-2.423	-2.706	-2.884	-2.882	-2.668	-2.269	-1.751
6111	61.10	-1.200	-0.698	-0.309	-0.074	0.003	-0.048	-0.160	-0.251	-0.239	-0.082
6121	61.20	0.207	0.557	0.859	1.005	0.935	0.655	0.237	-0.215	-0.608	-0.894
6131	61.30	-1.084	-1.222	-1.350	-1.479	-1.572	-1.563	-1.398	-1.069	-0.631	-0.186
6141	61.40	0.159	0.338	0.358	0.290	0.242	0.300	0.497	0.794	1.104	1.336
6151	61.50	1.434	1.401	1.291	1.170	1.085	1.031	0.959	0.805	0.524	0.123
6161	61.60	-0.332	-0.761	-1.008	-1.081	-0.969	-0.736	-0.475	-0.267	-0.157	-0.143
6171	61.70	-0.188	-0.245	-0.280	-0.283	-0.266	-0.251	-0.249	-0.258	-0.263	-0.251
6181	61.80	-0.221	-0.193	-0.197	-0.261	-0.397	-0.588	-0.791	-0.958	-1.048	-1.049
6191	61.90	-0.976	-0.870	-0.773	-0.715	-0.703	-0.719	-0.728	-0.698	-0.603	-0.435
6201	62.00	-0.202	0.073	0.359	0.619	0.814	0.912	0.900	0.790	0.630	0.488
6211	62.10	0.440	0.536	0.776	1.105	1.416	1.594	1.562	1.306	0.894	0.451
6221	62.20	0.117	-0.006	0.111	0.408	0.769	1.065	1.192	1.122	0.887	0.566
6231	62.30	0.244	-0.018	-0.198	-0.313	-0.595	-0.471	-0.548	-0.611	-0.635	-0.591
6241	62.40	-0.465	-0.253	0.038	0.392	0.787	1.189	1.551	1.814	1.918	1.823
6251	62.50	1.520	1.042	0.459	-0.144	-0.690	-1.137	-1.482	-1.750	-1.976	-2.174
6261	62.60	-2.327	-2.386	-2.290	-2.001	-1.525	-0.926	-0.310	0.198	0.499	0.550
6271	62.70	0.378	0.078	-0.217	-0.374	-0.300	0.035	0.583	1.237	1.853	2.293
6281	62.80	2.459	2.326	1.943	1.426	0.917	0.539	0.358	0.357	0.441	0.474
6291	62.90	0.332	-0.043	-0.611	-1.244	-1.768	-2.031	-1.962	-1.603	-1.097	-0.627
6301	63.00	-0.342	-0.296	-0.426	-0.584	-0.606	-0.392	0.047	0.585	1.035	1.232
6311	63.10	1.103	0.703	0.182	-0.282	-0.565	-0.654	-0.649	-0.710	-0.974	-1.483
6321	63.20	-2.154	-2.811	-3.260	-3.374	-3.156	-2.736	-2.320	-2.103	-2.185	-2.526
6331	63.30	-2.969	-3.293	-3.307	-2.917	-2.157	-1.171	-0.157	0.702	1.289	1.578
6341	63.40	1.621	1.517	1.371	1.262	1.232	1.289	1.418	1.592	1.787	1.980
6351	63.50	2.151	2.284	2.366	2.393	2.367	2.299	2.203	2.089	1.966	1.855
6361	63.60	1.697	1.555	1.420	1.307	1.229	1.191	1.185	1.186	1.166	1.101
6371	63.70	0.983	0.822	0.644	0.476	0.333	0.210	0.085	-0.071	-0.275	-0.519
6381	63.80	-0.767	-0.971	-1.087	-1.097	-1.017	-0.886	-0.756	-0.657	-0.597	-0.556
6391	63.90	-0.507	-0.442	-0.380	-0.367	-0.448	-0.663	-0.919	-1.192	-1.350	-1.302
6401	64.00	-1.010	-0.519	0.057	0.570	0.891	0.949	0.750	0.363	-0.110	-0.574
6411	64.10	-0.966	-1.265	-1.482	-1.637	-1.747	-1.817	-1.844	-1.825	-1.762	-1.661
6421	64.20	-1.532	-1.376	-1.188	-0.958	-0.677	-0.338	0.058	0.503	0.989	1.500
6431	64.30	2.015	2.504	2.926	3.242	3.425	3.466	3.384	3.206	2.962	2.664
6441	64.40	2.307	1.881	1.393	0.883	0.422	0.095	-0.061	0.013	0.188	0.368
6451	64.50	0.438	0.334	0.076	-0.245	-0.507	-0.620	-0.573	-0.439	-0.332	-0.352
6461	64.60	-0.523	-0.771	-0.960	-0.956	-0.696	-0.227	0.307	0.729	0.903	0.794
6471	64.70	0.475	0.084	-0.240	-0.424	-0.484	-0.502	-0.575	-0.756	-1.022	-1.296
6481	64.80	-1.478	-1.502	-1.360	-1.105	-0.817	-0.560	-0.359	-0.196	-0.040	0.125
6491	64.90	0.283	0.385	0.382	0.256	0.036	-0.204	-0.381	-0.434	-0.353	-0.182

Table 7—16—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1109 907-GR-1-140 TR. (HA.) TAIRA BRIDGE MAX. ACC. = 63.036 (GAL) T= 12.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.008	0.150	0.214	0.214	0.194	0.203	0.268	0.383	0.514	0.620
6511	65.10	0.675	0.679	0.659	0.647	0.668	0.726	0.799	0.855	0.859	0.787
6521	65.20	0.638	0.426	0.177	-0.082	-0.328	-0.554	-0.762	-0.965	-1.173	-1.386
6531	65.30	-1.586	-1.733	-1.778	-1.683	-1.438	-1.078	-0.680	-0.341	-0.166	-0.133
6541	65.40	-0.277	-0.497	-0.687	-0.758	-0.676	-0.475	-0.242	-0.082	-0.073	-0.234
6551	65.50	-0.525	-0.861	-1.151	-1.327	-1.366	-1.288	-1.137	-0.966	-0.805	-0.680
6561	65.60	-0.598	-0.555	-0.546	-0.558	-0.571	-0.554	-0.479	-0.328	-0.111	0.134
6571	65.70	0.352	0.492	0.528	0.475	0.387	0.338	0.394	0.585	0.895	1.270
6581	65.80	1.637	1.930	2.111	2.179	2.157	2.082	1.988	1.895	1.810	1.730
6591	65.90	1.652	1.578	1.511	1.458	1.419	1.393	1.369	1.333	1.268	1.153
6601	66.00	0.971	0.706	0.357	-0.063	-0.522	-0.974	-1.369	-1.666	-1.849	-1.929
6611	66.10	-1.928	-1.923	-1.922	-1.958	-2.032	-2.124	-2.210	-2.265	-2.274	-2.236
6621	66.20	-2.153	-2.036	-1.898	-1.755	-1.626	-1.527	-1.465	-1.428	-1.384	-1.285
6631	66.30	-1.086	-0.766	-0.348	0.103	0.493	0.738	0.796	0.688	0.496	0.528
6641	66.40	0.275	0.373	0.589	0.835	1.019	1.085	1.045	0.973	0.956	1.063
6651	66.50	1.289	1.554	1.743	1.762	1.591	1.303	1.040	0.966	1.096	1.450
6661	66.60	1.859	2.122	2.073	1.654	0.945	0.135	-0.554	-0.956	-1.021	-0.822
6671	66.70	-0.514	-0.254	-0.136	-0.161	-0.254	-0.311	-0.263	-0.104	0.112	0.308
6681	66.80	0.431	0.484	0.520	0.610	0.800	1.074	1.358	1.565	1.545	1.328
6691	66.90	0.934	0.456	0.005	-0.335	-0.530	-0.599	-0.584	-0.529	-0.457	-0.370
6701	67.00	-0.263	-0.142	-0.028	0.041	0.036	-0.042	-0.168	-0.290	-0.353	-0.330
6711	67.10	-0.230	-0.098	0.010	0.051	0.015	-0.074				

Table 7—17—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.227	-1.492	-0.269	0.907	1.468	1.075	-0.191	-1.831	-3.122	-3.431
11	0.10	-2.497	-0.570	1.677	3.420	4.017	3.267	1.473	-0.701	-2.504	-3.391
21	0.20	-3.205	-2.182	-0.802	0.425	1.154	1.293	0.969	0.421	-0.117	-0.503
31	0.30	-0.695	-0.721	-0.631	-0.470	-0.275	-0.077	0.080	0.169	0.198	0.220
41	0.40	0.316	0.543	0.901	1.302	1.613	1.726	1.633	1.452	1.360	1.485
51	0.50	1.727	1.969	1.661	0.519	-1.499	-4.008	-6.246	-7.332	-6.638	-4.118
61	0.60	-0.420	3.293	5.780	6.228	4.612	1.733	-1.112	-2.683	-2.343	-0.337
71	0.70	2.317	4.298	4.582	2.906	-0.115	-3.286	-5.374	-5.659	-4.223	-1.858
81	0.80	0.359	1.581	1.566	0.720	-0.190	-0.490	0.031	1.014	1.753	1.606
91	0.90	0.382	-1.508	-3.218	-3.877	-3.016	-0.819	1.953	4.305	5.445	5.114
101	1.00	3.639	1.715	0.044	-0.974	-1.352	-1.390	-1.413	-1.536	-1.595	-1.279
111	1.10	-0.372	1.030	2.489	3.389	3.231	1.901	-0.244	-2.514	-4.186	-4.803
121	1.20	-4.356	-3.212	-1.885	-0.767	0.050	0.744	1.580	2.668	3.829	4.627
131	1.30	4.586	3.451	1.371	-1.116	-3.285	-4.517	-4.553	-3.566	-2.047	-0.557
141	1.40	0.513	1.072	1.284	1.406	1.605	1.852	1.981	1.723	1.058	0.094
151	1.50	-0.876	-1.531	-1.679	-1.351	-0.765	-0.214	0.088	0.097	-0.065	-0.216
161	1.60	-0.232	-0.135	-0.076	-0.245	-0.744	-1.510	-2.326	-2.911	-3.047	-2.668
171	1.70	-1.874	-0.858	0.190	1.161	2.025	2.776	3.356	3.617	3.373	2.503
181	1.80	1.073	-0.622	-2.113	-2.929	-2.785	-1.723	-0.112	1.492	2.570	2.842
191	1.90	2.368	1.491	0.661	0.231	0.323	0.806	1.409	1.872	2.066	2.017
201	2.00	1.831	1.581	1.218	0.591	-0.458	-1.947	-3.665	-5.182	-5.992	-5.715
211	2.10	-4.268	-1.937	0.710	3.013	4.439	4.741	3.995	2.516	0.717	-1.033
221	2.20	-2.480	-3.483	-3.971	-3.906	-3.275	-2.130	-0.623	0.988	2.396	3.336
231	2.30	3.677	3.486	2.970	2.395	1.961	1.722	1.580	1.352	0.874	0.089
241	2.40	-0.912	-1.925	-2.709	-3.065	-2.898	-2.236	-1.214	-0.046	1.019	1.697
251	2.50	1.807	1.250	0.111	-1.327	-2.618	-3.364	-3.184	-2.050	-0.238	1.726
261	2.60	3.249	3.888	3.520	2.370	0.963	-0.380	-1.145	-1.335	-1.139	-0.851
271	2.70	-0.703	-0.751	-0.873	-0.883	-0.667	-0.281	0.067	0.131	-0.209	-0.842
281	2.80	-1.442	-1.606	-1.059	0.175	1.736	3.047	3.569	2.949	1.373	-0.660
291	2.90	-2.428	-3.285	-2.915	-1.454	0.570	2.440	3.527	3.505	2.452	0.777
301	3.00	-0.952	-2.235	-2.800	-2.661	-2.060	-1.323	-0.712	-0.336	-0.137	0.027
311	3.10	0.279	0.635	0.986	1.154	0.988	0.660	-0.302	-1.061	-1.565	-1.664
321	3.20	-1.372	-0.857	-0.357	-0.066	-0.055	-0.258	-0.532	-0.757	-0.905	-1.050
331	3.30	-1.293	-1.658	-2.016	-2.094	-1.595	-0.357	1.503	3.561	5.202	5.843
341	3.40	5.211	3.436	1.074	-1.102	-2.405	-2.497	-1.510	0.023	1.403	2.051
351	3.50	1.728	0.604	-0.854	-2.095	-2.713	-2.585	-1.874	-0.914	-0.046	0.517
361	3.60	0.751	0.783	0.802	0.957	1.299	1.769	2.237	2.547	2.571	2.234
371	3.70	1.532	0.544	-0.572	-1.587	-2.251	-2.555	-1.820	-0.752	0.555	1.680
381	3.80	2.224	1.944	0.861	-0.725	-2.335	-3.472	-3.805	-3.281	-2.129	-0.762
391	3.90	0.400	1.082	1.239	1.029	0.708	0.479	0.392	0.333	0.098	-0.472
401	4.00	-1.375	-2.406	-3.215	-3.441	-2.871	-1.537	0.274	2.122	3.570	4.329
411	4.10	4.343	3.760	2.845	1.849	0.926	0.105	-0.654	-1.381	-2.038	-2.506
421	4.20	-2.644	-2.571	-1.725	-0.872	-0.043	0.560	0.849	0.874	0.781	0.725
431	4.30	0.783	0.916	1.000	0.908	0.591	0.117	-0.363	-0.691	-0.797	-0.733
441	4.40	-0.663	-0.674	-0.868	-1.120	-1.214	-0.928	-0.173	0.932	2.074	2.866
451	4.50	3.020	2.483	1.474	0.399	-0.322	-0.442	0.014	0.761	1.391	1.553
461	4.60	1.105	0.165	-0.950	-1.866	-2.599	-2.152	-1.522	-0.629	0.281	1.019
471	4.70	1.489	1.673	1.601	1.317	0.879	0.359	-0.144	-0.536	-0.750	-0.810
481	4.80	-0.820	-0.939	-1.297	-1.917	-2.656	-3.284	-3.486	-3.086	-2.104	-0.777
491	4.90	0.516	1.405	1.681	1.382	0.765	0.183	-0.089	0.018	0.336	0.543

Table 7—17—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.332	-0.619	-1.555	-2.683	-3.319	-3.094	-1.919	-0.040	2.040	3.749
511	5.10	4.659	4.633	3.859	2.769	1.759	1.205	1.158	1.448	1.769	1.836
521	5.20	1.507	0.843	0.056	-0.592	-0.910	-0.855	-0.535	-0.147	0.113	0.124
531	5.30	-0.128	-0.571	-1.095	-1.596	-2.005	-2.276	-2.374	-2.265	-1.924	-1.364
541	5.40	-0.654	0.082	0.694	1.066	1.142	0.964	0.624	0.224	-0.173	-0.559
551	5.50	-0.955	-1.362	-1.725	-1.932	-1.862	-1.449	-0.757	0.123	0.935	1.538
561	5.60	1.883	2.034	2.107	2.174	2.182	1.964	1.527	0.185	-1.335	-2.888
571	5.70	-4.035	-4.433	-4.004	-2.995	-1.665	-1.060	-0.784	-0.882	-0.919	-0.426
581	5.80	0.805	2.539	4.136	4.822	4.072	1.929	-0.927	-3.403	-4.444	-3.502
591	5.90	-0.815	2.652	5.583	6.851	5.979	3.317	-0.136	-3.175	-4.900	-5.049
601	6.00	-4.027	-2.633	-1.620	-1.333	-1.565	-1.713	-1.139	0.446	2.782	5.116
611	6.10	6.530	6.356	4.491	1.499	-1.624	-3.844	-4.514	-3.612	-1.718	0.286
621	6.20	1.626	1.977	1.579	1.072	1.133	2.094	3.723	5.279	5.837	4.727
631	6.30	1.882	-2.056	-5.956	-8.635	-9.334	-8.009	-5.317	-2.305	0.043	1.198
641	6.40	1.232	0.670	0.143	0.033	0.293	0.532	0.310	-0.530	-1.688	-2.506
651	6.50	-2.302	-0.767	1.781	4.650	6.131	6.009	3.972	0.717	-2.517	-4.478
661	6.60	-4.469	-2.554	0.352	2.901	4.180	3.766	2.060	0.005	-1.379	-1.462
671	6.70	-0.259	1.636	3.357	4.194	3.857	2.558	0.835	-0.727	-1.745	-2.137
681	6.80	-2.064	-1.770	-1.439	-1.135	-0.834	-0.510	-0.181	0.106	0.340	0.612
691	6.90	1.094	1.938	3.141	4.446	5.387	5.458	4.356	2.166	-0.617	-3.269
701	7.00	-5.128	-5.875	-5.641	-4.895	-4.153	-3.682	-3.342	-2.674	-1.197	1.253
711	7.10	4.352	7.154	8.813	8.617	8.515	5.134	-0.482	-3.327	-4.855	-5.173
721	7.20	-4.896	-4.759	-5.181	-6.018	-6.624	-6.217	-4.329	-1.133	2.546	5.543
731	7.30	6.459	6.090	3.606	0.370	-2.488	-4.153	-4.717	-3.675	-2.645	-1.972
741	7.40	-1.919	-2.292	-2.602	-2.363	-1.362	0.245	2.038	3.552	4.487	4.792
751	7.50	4.587	4.002	3.041	1.573	-0.530	-3.202	-6.053	-8.411	-9.546	-8.997
761	7.60	-6.799	-3.563	-0.160	2.461	3.844	4.119	3.922	4.054	5.061	6.932
771	7.70	9.080	10.620	10.809	9.435	6.962	4.336	2.561	2.111	2.833	3.806
781	7.80	3.830	1.981	-1.913	-7.108	-12.189	-15.626	-16.388	-14.356	-10.336	-5.675
791	7.90	-1.667	0.993	2.423	3.373	4.722	6.916	9.620	11.809	12.197	9.892
801	8.00	4.905	-1.708	-8.170	-12.665	-13.949	-11.992	-7.775	-2.962	0.896	2.758
811	8.10	2.563	0.985	-1.002	-2.641	-3.722	-4.578	-5.781	-7.719	-10.268	-12.745
821	8.20	-16.133	-13.497	-10.323	-4.969	1.885	9.000	15.172	19.477	21.423	20.927
831	8.30	18.484	14.569	10.016	5.656	2.215	0.153	-0.474	-0.044	0.744	1.131
841	8.40	0.604	-0.869	-2.793	-4.555	-4.760	-3.592	-1.024	2.231	5.190	6.978
851	8.50	7.147	5.796	3.475	0.931	-1.181	-2.487	-2.941	-2.747	-2.227	-1.703
861	8.60	-1.428	-1.551	-2.092	-2.908	-3.691	-4.028	-3.553	-2.160	-0.170	1.669
871	8.70	2.399	1.263	-1.874	-6.283	-10.580	-12.814	-11.958	-7.708	-1.100	5.868
881	8.80	10.967	12.593	10.389	5.358	-0.581	-5.388	-7.693	-7.235	-4.791	-1.670
891	8.90	0.946	2.488	3.098	3.344	3.744	4.390	4.872	4.542	2.946	0.171
901	9.00	-3.095	-5.841	-7.205	-6.692	-5.305	-3.327	-1.866	-1.386	-1.708	-2.163
911	9.10	-1.891	-0.506	1.838	4.419	6.318	6.879	6.013	4.206	2.230	0.723
921	9.20	-0.123	-0.603	-1.251	-2.439	-4.068	-5.516	-5.902	-4.529	-1.287	3.195
931	9.30	7.750	11.116	12.437	11.579	9.116	6.030	3.256	1.311	0.149	-0.696
941	9.40	-1.796	-3.493	-5.700	-7.931	-9.507	-9.851	-8.739	-6.404	-3.510	-0.946
951	9.50	0.422	0.018	-2.241	-5.868	-9.778	-12.735	-13.528	-11.486	-6.751	-0.312
961	9.60	6.281	11.448	14.172	14.372	12.903	11.112	10.157	10.390	11.116	10.870
971	9.70	8.161	2.285	-6.117	-15.087	-21.997	-24.542	-21.661	-13.975	-3.550	6.898
981	9.80	14.989	19.428	20.218	18.518	14.978	11.125	7.088	2.752	-2.019	-6.974
991	9.90	-11.360	-14.167	-14.606	-12.552	-8.691	-4.270	-0.578	1.583	2.179	1.853

Table 7—17—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.409	1.529	2.262	3.153	3.531	2.927	1.367	-0.731	-2.622	-3.784
1011	10.10	-4.069	-3.725	-3.171	-2.706	-2.319	-1.727	-0.620	1.062	3.003	4.566
1021	10.20	5.165	4.490	2.890	1.078	-0.119	-0.199	0.757	2.118	3.044	2.932
1031	10.30	1.762	0.119	-1.502	-1.180	0.020	1.917	3.465	3.537	1.629	-2.068
1041	10.40	-6.635	-10.832	-13.589	-14.381	-13.331	-11.018	-8.133	-5.166	-2.286	0.571
1051	10.50	3.480	6.326	8.762	10.338	10.732	9.944	8.155	6.485	4.932	4.055
1061	10.60	3.797	5.966	6.329	6.298	5.459	6.439	7.696	8.864	9.288	8.276
1071	10.70	5.438	1.000	-4.166	-8.788	-11.675	-12.204	-10.600	-7.868	-5.275	-3.966
1081	10.80	-4.292	-5.786	-7.376	-7.909	-6.701	-3.836	-0.109	3.562	5.648	6.386
1091	10.90	5.869	4.694	3.545	2.632	1.700	0.215	-2.245	-5.632	-9.315	-12.286
1101	11.00	-13.586	-12.766	-9.928	-6.163	-2.262	0.949	3.274	5.059	6.881	9.111
1111	11.10	11.608	13.702	14.507	13.390	10.355	6.144	1.969	-0.996	-2.117	-1.569
1121	11.20	-0.231	0.730	0.389	-1.549	-4.660	-8.035	-10.704	-12.028	-11.881	-10.580
1131	11.30	-8.616	-6.368	-3.967	-1.244	1.873	5.326	8.720	11.403	12.705	12.215
1141	11.40	9.989	6.583	2.908	-0.034	-1.433	-0.869	1.614	5.557	10.216	14.726
1151	11.50	18.246	20.086	19.792	17.290	12.449	5.955	-1.647	-9.596	-17.096	-23.603
1161	11.60	-27.903	-30.173	-30.043	-27.633	-23.557	-17.867	-11.931	-6.278	-1.443	2.314
1171	11.70	4.994	6.747	7.726	7.993	7.495	6.184	4.347	1.711	-0.582	-2.132
1181	11.80	-2.516	-1.685	-0.011	1.841	3.192	3.630	3.184	2.288	1.562	1.518
1191	11.90	2.330	3.776	5.368	6.596	7.154	7.032	6.449	5.682	4.890	4.069
1201	12.00	3.025	1.728	0.248	-1.114	-1.977	-2.077	-1.452	-0.477	0.270	0.262
1211	12.10	-0.721	-2.477	-4.463	-6.029	-6.706	-6.388	-5.325	-3.949	-2.624	-1.662
1221	12.20	-0.305	1.111	2.923	4.968	6.676	7.455	6.794	4.648	1.513	-1.702
1231	12.30	-4.005	-4.700	-3.659	-1.361	1.312	3.423	4.327	3.873	2.393	0.498
1241	12.40	-1.197	-2.306	-2.770	-2.803	-2.740	-2.862	-3.300	-4.018	-4.885	-5.758
1251	12.50	-6.562	-7.201	-7.728	-8.102	-8.285	-8.237	-7.949	-7.452	-6.796	-5.975
1261	12.60	-4.885	-3.296	-0.922	2.447	6.750	11.764	16.705	20.767	23.150	23.327
1271	12.70	21.215	17.192	11.990	6.478	1.442	-2.585	-5.379	-6.989	-7.620	-7.519
1281	12.80	-6.885	-5.850	-4.497	-2.909	-1.214	0.411	1.758	2.644	2.959	2.715
1291	12.90	2.049	1.183	0.359	-0.269	-0.615	-0.876	-1.299	-2.163	-3.627	-5.611
1301	13.00	-7.754	-9.488	-10.205	-9.470	-7.191	-3.696	0.340	4.078	6.755	7.890
1311	13.10	7.391	5.544	2.900	0.113	-2.218	-3.664	-4.033	-3.385	-2.006	-0.343
1321	13.20	1.093	1.859	1.711	0.687	-0.897	-2.561	-3.843	-4.483	-4.532	-4.309
1331	13.30	-4.241	-4.629	-5.468	-6.412	-6.903	-6.410	-4.678	-1.857	1.546	4.857
1341	13.40	7.490	9.123	9.745	9.569	8.762	7.514	5.807	3.608	0.992	-1.766
1351	13.50	-4.206	-5.824	-6.252	-5.407	-3.510	-0.990	1.688	4.169	6.268	7.922
1361	13.60	9.105	9.757	9.795	9.197	8.078	6.716	5.457	4.550	3.996	3.500
1371	13.70	2.592	0.854	-1.835	-5.181	-8.548	-11.205	-12.619	-12.661	-11.605	-9.944
1381	13.80	-8.113	-6.278	-4.310	-1.950	0.922	4.084	6.954	8.789	9.005	7.467
1391	13.90	4.579	1.135	-2.001	-4.232	-5.417	-5.821	-5.878	-5.891	-5.847	-5.432
1401	14.00	-4.239	-2.051	0.953	4.195	6.891	8.353	8.270	6.812	4.549	2.207
1411	14.10	0.394	-0.591	-0.807	-0.575	-0.316	-0.380	-0.949	-2.008	-3.372	-4.744
1421	14.20	-5.785	-6.187	-5.752	-4.466	-2.537	-0.366	1.562	2.836	3.257	2.930
1431	14.30	2.191	1.469	1.055	1.052	1.285	1.466	1.371	0.992	0.558	0.424
1441	14.40	0.860	1.881	3.189	4.291	4.723	4.283	3.161	1.762	0.685	0.255
1451	14.50	0.449	0.889	1.031	0.442	-0.970	-2.809	-4.771	-6.015	-6.311	-5.726
1461	14.60	-4.647	-5.566	-2.823	-2.432	-2.088	-1.343	0.161	2.378	4.989	7.324
1471	14.70	8.709	8.713	7.326	4.967	2.331	0.147	-1.065	-1.137	-0.252	1.159
1481	14.80	2.601	3.675	4.179	4.110	3.608	2.868	1.957	0.971	-0.156	-1.489
1491	14.90	-3.043	-4.727	-6.344	-7.636	-8.376	-8.464	-7.979	-7.168	-6.359	-5.832

Table 7—17—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.703	-5.869	-6.044	-5.881	-5.122	-3.715	-1.844	0.169	1.906	3.192
1511	15.10	3.973	4.391	4.657	4.922	5.192	5.331	5.155	4.555	3.579	2.438
1521	15.20	1.416	0.733	0.449	0.441	0.480	0.354	-0.024	-0.587	-1.184	-1.688
1531	15.30	-2.097	-2.543	-3.207	-4.176	-5.330	-6.335	-6.747	-6.204	-4.605	-2.172
1541	15.40	0.628	3.223	5.397	6.915	7.987	8.865	9.681	10.323	10.453	9.675
1551	15.50	7.771	4.880	1.515	-1.596	-3.786	-4.706	-4.452	-3.496	-2.464	-1.870
1561	15.60	-1.917	-2.471	-3.178	-3.659	-3.740	-3.411	-2.871	-2.327	-1.879	-1.461
1571	15.70	-0.906	-0.057	1.055	2.266	3.241	3.656	3.340	2.356	0.987	-0.380
1581	15.80	-1.406	-1.929	-2.010	-1.894	-1.892	-2.250	-3.050	-4.178	-5.359	-6.248
1591	15.90	-6.533	-6.029	-4.729	-2.798	-0.531	1.735	3.704	5.188	6.128	6.570
1601	16.00	6.609	6.330	5.775	4.947	3.851	2.564	1.148	-0.168	-1.256	-2.049
1611	16.10	-2.594	-3.011	-3.412	-3.807	-4.061	-3.942	-3.242	-1.924	-0.207	1.463
1621	16.20	2.571	2.751	1.963	0.540	-0.941	-1.908	-2.050	-1.451	-0.532	0.181
1631	16.30	0.351	0.029	-0.337	-0.123	1.139	3.464	6.318	8.781	9.913	9.151
1641	16.40	6.569	2.861	-0.943	-3.883	-5.641	-5.677	-5.110	-4.400	-3.998	-3.944
1651	16.50	-3.892	-3.371	-2.067	0.001	2.293	4.130	4.907	4.374	2.764	0.580
1661	16.60	-1.448	-2.837	-3.408	-3.246	-2.802	-2.201	-1.609	-0.992	-0.263	0.572
1671	16.70	1.338	1.737	1.484	0.484	-1.079	-2.766	-4.041	-4.685	-3.962	-2.662
1681	16.80	-1.012	0.504	1.527	1.934	1.835	1.481	1.137	0.991	1.110	1.466
1691	16.90	1.979	2.550	3.083	3.480	3.654	3.555	3.208	2.729	2.503	2.108
1701	17.00	2.223	2.576	2.943	3.062	2.745	1.997	1.032	0.181	-0.259	-0.230
1711	17.10	0.127	0.442	0.335	-0.396	-1.664	-3.115	-4.292	-4.845	-4.697	-4.067
1721	17.20	-3.357	-2.946	-3.000	-3.403	-3.825	-3.909	-3.461	-2.569	-1.481	-0.643
1731	17.30	-0.320	-0.561	-1.167	-1.788	-2.091	-1.888	-1.191	-0.164	0.976	2.062
1741	17.40	3.011	3.808	4.446	4.882	5.039	4.851	4.324	3.565	2.746	2.024
1751	17.50	1.460	0.977	0.396	-0.458	-1.650	-3.059	-4.407	-5.352	-5.634	-5.177
1761	17.60	-4.114	-2.720	-1.287	-0.012	1.060	2.001	2.908	3.812	4.625	5.170
1771	17.70	5.264	4.819	3.896	2.698	1.487	0.498	-0.157	-0.498	-0.662	-0.727
1781	17.80	-0.843	-0.998	-1.139	-1.193	-1.128	-0.966	-0.774	-0.631	-0.567	-0.581
1791	17.90	-0.544	-0.437	-0.198	0.158	0.557	0.892	1.068	1.031	0.777	0.336
1801	18.00	-0.248	-0.947	-1.756	-2.678	-3.697	-4.242	-5.674	-6.294	-6.387	-5.788
1811	18.10	-4.447	-2.476	-0.143	2.172	4.083	5.298	5.704	5.401	4.647	3.761
1821	18.20	3.001	2.468	2.092	1.690	1.084	0.221	-0.766	-1.588	-1.912	-1.547
1831	18.30	-0.514	0.867	2.093	2.653	2.223	0.800	-1.285	-3.483	-5.227	-6.119
1841	18.40	-6.053	-5.205	-3.921	-2.563	-1.377	-0.441	0.298	0.930	1.503	1.984
1851	18.50	2.292	2.385	2.216	1.944	1.679	1.497	1.360	1.117	0.573	-0.396
1861	18.60	-1.760	-3.236	-4.532	-5.322	-5.457	-5.028	-4.319	-3.672	-3.323	-3.280
1871	18.70	-3.320	-3.097	-2.308	-0.854	1.100	3.181	4.950	6.070	6.420	6.102
1881	18.80	5.361	4.473	3.636	2.939	2.404	2.037	1.879	1.994	2.412	3.085
1891	18.90	3.759	4.226	4.219	3.639	2.591	1.561	0.297	-0.341	-0.498	-0.343
1901	19.00	-0.177	-0.281	-0.773	-1.543	-2.313	-2.778	-2.769	-2.348	-1.789	-1.652
1911	19.10	-1.609	-2.302	-3.311	-4.236	-4.666	-4.356	-3.324	-1.862	-0.315	0.882
1921	19.20	1.544	1.689	1.518	1.304	1.261	1.457	1.806	2.116	2.183	1.880
1931	19.30	1.201	0.257	-0.769	-1.685	-2.349	-2.695	-2.758	-2.550	-2.227	-1.856
1941	19.40	-1.692	-1.147	-0.798	-0.408	0.053	0.581	1.127	1.607	1.923	2.002
1951	19.50	1.824	1.433	0.922	0.396	-0.073	-0.473	-0.859	-1.316	-1.913	-2.651
1961	19.60	-3.432	-4.079	-4.378	-4.155	-3.342	-2.007	-0.361	1.396	2.961	4.194
1971	19.70	5.059	5.636	6.050	6.423	6.787	7.077	7.153	6.867	6.148	5.042
1981	19.80	3.723	2.434	1.400	0.766	0.458	0.399	0.380	0.248	-0.047	-0.439
1991	19.90	-0.789	-0.960	-0.894	-0.638	-0.315	-0.060	0.066	0.017	-0.070	-0.131

Table 7—17—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-0.150	-0.212	-0.473	-1.083	-2.093	-3.396	-4.739	-5.808	-6.365	-6.247
2011	20.10	-5.597	-4.626	-3.603	-2.736	-2.105	-1.668	-1.325	-0.996	-0.671	-0.407
2021	20.20	-0.283	-0.330	-0.503	-0.688	-0.762	-0.654	-0.387	-0.061	0.197	0.305
2031	20.30	0.269	0.170	0.126	0.223	0.484	0.877	1.346	1.865	2.463	3.101
2041	20.40	3.808	4.439	4.781	4.603	3.776	2.566	0.668	-0.868	-1.800	-1.860
2051	20.50	-1.080	0.217	1.528	2.370	2.451	1.765	0.560	-0.790	-1.965	-2.713
2061	20.60	-3.082	-3.158	-3.070	-2.878	-2.558	-2.037	-1.272	-0.310	0.706	1.582
2071	20.70	2.159	2.373	2.275	1.995	1.662	1.349	1.043	0.672	0.172	-0.465
2081	20.80	-1.161	-1.782	-2.192	-2.319	-2.181	-1.881	-1.558	-1.332	-1.267	-1.361
2091	20.90	-1.570	-1.839	-2.128	-2.415	-2.691	-2.944	-3.153	-3.293	-3.354	-3.340
2101	21.00	-3.266	-3.134	-2.916	-2.544	-1.942	-1.061	0.065	1.303	2.462	3.258
2111	21.10	3.599	3.456	2.977	2.434	2.112	2.203	2.727	3.514	4.273	4.699
2121	21.20	4.590	3.924	2.852	1.626	0.489	-0.425	-1.124	-1.727	-2.367	-3.085
2131	21.30	-3.771	-4.185	-4.050	-3.194	-1.660	0.260	2.101	3.384	3.793	3.300
2141	21.40	2.180	0.904	-0.065	-0.354	0.011	0.817	1.690	2.283	2.423	2.163
2151	21.50	1.727	1.384	1.309	1.504	1.809	1.994	1.873	1.388	0.627	-0.235
2161	21.60	-1.031	-1.674	-2.179	-2.626	-3.089	-3.572	-4.000	-4.254	-4.239	-3.933
2171	21.70	-3.404	-2.766	-2.120	-1.499	-0.874	-0.186	0.576	1.337	1.935	2.192
2181	21.80	2.001	1.404	0.597	-0.135	-0.531	-0.469	-0.017	0.596	1.086	1.234
2191	21.90	0.973	0.403	-0.276	-0.857	-1.221	-1.363	-1.358	-1.292	-1.196	-1.025
2201	22.00	-0.690	-0.131	0.630	1.465	2.186	2.623	2.699	2.461	2.056	1.656
2211	22.10	1.379	1.241	1.166	1.029	0.756	0.347	-0.107	-0.469	-0.626	-0.561
2221	22.20	-0.266	0.091	0.413	0.632	0.747	0.804	0.859	0.940	1.031	1.086
2231	22.30	1.062	0.945	0.760	0.558	0.386	0.253	0.148	0.034	-0.113	-0.284
2241	22.40	-0.441	-0.538	-0.551	-0.500	-0.444	-0.454	-0.576	-0.806	-1.077	-1.302
2251	22.50	-1.403	-1.348	-1.155	-0.878	-0.571	-0.255	0.087	0.490	0.979	1.560
2261	22.60	2.117	2.635	3.040	3.322	3.523	3.702	3.889	4.046	4.059	3.773
2271	22.70	3.056	1.868	0.294	-1.459	-3.126	-4.466	-5.331	-5.700	-5.666	-5.381
2281	22.80	-4.989	-4.572	-4.142	-3.654	-3.053	-2.318	-1.478	-0.612	0.183	0.829
2291	22.90	1.294	1.599	1.869	1.997	2.213	2.463	2.698	2.830	2.762	2.423
2301	23.00	1.793	0.929	-0.053	-0.993	-1.733	-2.154	-2.211	-1.940	-1.444	-0.868
2311	23.10	-0.351	0.004	0.154	0.113	-0.065	-0.300	-0.531	-0.712	-0.824	-0.872
2321	23.20	-0.866	-0.816	-0.724	-0.586	-0.402	-0.178	0.060	0.277	0.436	0.513
2331	23.30	0.511	0.460	0.407	0.401	0.463	0.578	0.692	0.734	0.650	0.424
2341	23.40	0.097	-0.251	-0.531	-0.682	-0.693	-0.610	-0.499	-0.420	-0.391	-0.386
2351	23.50	-0.356	-0.263	-0.116	0.031	0.101	0.036	-0.162	-0.420	-0.617	-0.637
2361	23.60	-0.420	0.007	0.544	1.064	1.458	1.679	1.736	1.666	1.495	1.216
2371	23.70	0.797	0.221	-0.477	-1.198	-1.806	-2.186	-2.307	-2.243	-2.143	-2.159
2381	23.80	-2.357	-2.674	-2.937	-2.947	-2.582	-1.873	-1.001	-0.225	0.241	0.334
2391	23.90	0.167	-0.010	0.025	0.431	1.161	2.028	2.796	3.301	3.517	3.556
2401	24.00	3.582	3.700	3.885	3.985	3.800	3.199	2.205	1.005	-0.128	-0.955
2411	24.10	-1.376	-1.465	-1.417	-1.444	-1.665	-2.059	-2.487	-2.787	-2.864	-2.736
2421	24.20	-2.512	-2.317	-2.211	-2.148	-2.014	-1.709	-1.229	-0.702	-0.335	-0.313
2431	24.30	-0.677	-1.221	-1.776	-1.863	-1.243	0.016	1.673	3.308	4.505	5.013
2441	24.40	4.824	4.150	3.311	2.588	2.114	1.856	1.665	1.390	0.965	0.444
2451	24.50	-0.031	-0.317	-0.368	-0.181	0.035	0.120	-0.046	-0.477	-1.081	-1.708
2461	24.60	-2.222	-2.555	-2.729	-2.824	-2.927	-3.076	-3.239	-3.324	-3.223	-2.864
2471	24.70	-2.250	-1.460	-0.623	0.125	0.692	1.059	1.273	1.429	1.625	1.922
2481	24.80	2.325	2.780	3.200	3.498	3.623	3.580	3.429	3.260	3.158	3.166
2491	24.90	3.269	3.389	3.419	3.252	2.830	2.160	1.326	0.463	-0.276	-0.764

Table 7—17—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-0.934	-0.793	-0.422	0.050	0.483	0.766	0.835	0.701	0.414	0.041
2511	25.10	-0.377	-0.847	-1.428	-2.194	-3.186	-4.357	-5.553	-6.543	-7.089	-7.038
2521	25.20	-6.404	-5.379	-4.281	-3.431	-3.030	-3.059	-3.286	-3.549	-3.912	-4.818
2531	25.30	-0.164	1.721	3.408	4.537	4.956	4.774	4.287	3.837	3.661	3.701
2541	25.40	3.807	3.655	3.004	1.809	0.265	-1.266	-2.394	-2.857	-2.617	-1.861
2551	25.50	-0.906	-0.067	0.459	0.640	0.582	0.448	0.371	0.402	0.519	0.667
2561	25.60	0.811	0.962	1.165	1.458	1.829	2.202	2.465	2.513	2.310	1.907
2571	25.70	1.427	1.017	0.786	0.768	0.915	1.125	1.286	1.315	1.173	0.852
2581	25.80	0.370	-0.252	-0.975	-1.734	-2.429	-2.936	-3.142	-2.991	-2.525	-1.887
2591	25.90	-1.285	-0.927	-0.947	-1.354	-2.029	-2.764	-3.330	-3.546	-3.323	-2.673
2601	26.00	-1.690	-0.509	0.720	1.859	2.788	3.412	3.671	3.551	3.100	2.420
2611	26.10	1.651	0.930	0.354	-0.067	-0.309	-0.504	-0.705	-0.948	-1.217	-1.458
2621	26.20	-1.608	-1.625	-1.509	-1.298	-1.042	-0.788	-0.554	-0.339	-0.133	0.083
2631	26.30	0.227	0.321	0.311	0.179	-0.060	-0.371	-0.709	-1.036	-1.326	-1.581
2641	26.40	-1.714	-1.739	-1.577	-1.179	-0.530	0.321	1.262	2.142	2.820	3.206
2651	26.50	3.289	3.135	2.850	2.539	2.262	2.031	1.819	1.595	1.350	1.105
2661	26.60	0.890	0.724	0.582	0.398	0.090	-0.399	-1.066	-1.839	-2.604	-3.248
2671	26.70	-3.711	-4.008	-4.209	-4.397	-4.661	-4.808	-4.872	-4.861	-4.070	-3.086
2681	26.80	-1.811	-0.427	0.862	1.895	2.605	3.012	3.197	3.251	3.236	3.177
2691	26.90	3.072	2.926	2.763	2.630	2.569	2.587	2.648	2.674	2.590	2.350
2701	27.00	1.967	1.496	1.061	0.505	-0.031	-0.693	-1.587	-2.671	-3.915	-5.098
2711	27.10	-5.969	-6.316	-6.052	-5.253	-4.139	-2.989	-2.010	-1.402	-1.030	-0.758
2721	27.20	-0.388	0.220	1.089	2.117	3.123	3.923	4.402	4.543	4.421	4.157
2731	27.30	3.858	3.586	3.338	3.075	2.748	2.339	1.884	1.371	0.908	0.503
2741	27.40	0.150	-0.180	-0.517	-0.869	-1.209	-1.481	-1.629	-1.626	-1.501	-1.331
2751	27.50	-1.220	-1.249	-1.439	-1.731	-2.003	-2.218	-1.981	-1.582	-1.007	-0.403
2761	27.60	0.085	0.573	0.475	0.487	0.535	0.704	0.991	1.295	1.463	1.366
2771	27.70	0.950	0.317	-0.405	-1.027	-1.423	-1.564	-1.508	-1.369	-1.145	-0.881
2781	27.80	-0.476	0.170	1.079	2.160	3.209	3.972	4.263	3.952	3.193	2.187
2791	27.90	1.188	0.387	-0.154	-0.502	-0.789	-1.135	-1.582	-2.078	-2.514	-2.777
2801	28.00	-2.800	-2.581	-2.161	-1.596	-0.936	-0.251	0.443	0.967	1.193	0.998
2811	28.10	0.359	-0.595	-1.588	-2.285	-2.615	-1.896	-0.886	0.269	1.175	1.559
2821	28.20	1.552	0.871	0.365	0.187	0.665	1.072	1.691	1.973	1.721	0.990
2831	28.30	0.070	-0.446	-0.857	-0.692	0.267	0.986	1.552	1.169	0.445	-0.460
2841	28.40	-1.175	-1.395	-1.026	-0.207	0.771	1.406	2.117	2.267	2.283	2.254
2851	28.50	2.328	2.505	2.672	2.681	2.431	1.921	1.250	0.560	-0.033	-0.489
2861	28.60	-0.859	-1.143	-1.426	-1.643	-1.689	-1.462	-0.939	-0.228	0.437	0.786
2871	28.70	0.525	-0.364	-1.768	-3.376	-4.793	-5.670	-5.817	-5.255	-4.190	-2.931
2881	28.80	-1.779	-0.943	-0.495	-0.385	-0.695	-0.694	-0.877	-0.982	-0.970	-0.811
2891	28.90	-0.481	0.028	0.679	1.375	1.972	2.318	2.316	1.979	1.436	0.902
2901	29.00	0.587	0.613	0.952	1.432	1.804	1.854	1.494	0.812	0.027	-0.605
2911	29.10	-0.908	-0.869	-0.636	-0.448	-0.514	-0.910	-1.538	-2.167	-2.539	-2.480
2921	29.20	-1.974	-1.162	-0.270	0.482	0.965	1.153	1.095	0.849	0.460	-0.137
2931	29.30	-0.869	-1.674	-2.368	-2.713	-2.506	-1.887	-0.404	1.019	2.183	2.779
2941	29.40	2.699	2.078	1.214	0.423	-0.108	-0.393	-0.610	-0.973	-1.589	-2.368
2951	29.50	-3.041	-3.260	-2.901	-1.893	-0.523	0.809	1.737	2.077	1.889	1.421
2961	29.60	0.968	0.720	0.676	0.678	0.518	0.092	-0.515	-1.041	-1.162	-0.850
2971	29.70	0.503	2.052	3.588	4.693	5.100	4.785	3.955	2.944	2.072	1.530
2981	29.80	1.328	1.333	1.351	1.223	0.888	0.387	-0.183	-0.637	-0.939	-1.035
2991	29.90	-0.966	-0.725	-0.430	-0.101	0.245	0.606	0.986	1.369	1.709	1.932

Table 7—17—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.954	1.713	1.210	0.531	-0.161	-0.668	-0.831	-0.596	-0.055	0.577
3011	30.10	1.034	1.098	0.690	-0.112	-1.103	-2.051	-2.392	-3.287	-3.610	-3.872
3021	30.20	-4.134	-4.339	-4.329	-3.926	-3.035	-1.737	-0.291	0.941	1.636	1.436
3031	30.30	1.014	0.044	-0.913	-1.549	-1.721	-1.677	-1.010	-0.544	-0.241	-0.145
3041	30.40	-0.191	-0.265	-0.277	-0.202	-0.082	0.016	0.041	-0.005	-0.072	-0.088
3051	30.50	0.002	0.211	0.512	0.850	1.170	1.429	1.605	1.691	1.695	1.641
3061	30.60	1.584	1.602	1.786	2.201	2.846	3.634	4.397	4.933	5.077	4.759
3071	30.70	4.039	3.077	2.078	1.209	0.548	0.065	-0.336	-0.759	-1.256	-1.797
3081	30.80	-2.289	-2.619	-2.708	-2.552	-2.218	-1.816	-1.462	-1.233	-1.149	-1.185
3091	30.90	-1.278	-1.359	-1.363	-1.236	-0.948	-0.496	0.079	0.689	1.203	1.476
3101	31.00	1.389	0.895	0.050	-0.995	-2.028	-2.837	-3.273	-3.290	-2.955	-2.415
3111	31.10	-1.843	-1.386	-1.126	-1.067	-1.151	-1.289	-1.391	-1.393	-1.264	-1.013
3121	31.20	-0.675	-0.303	0.047	0.328	0.518	0.623	0.682	0.751	0.882	1.100
3131	31.30	1.379	1.650	1.812	1.769	1.474	0.950	0.293	-0.350	-0.834	-1.050
3141	31.40	-1.006	-0.735	-0.355	0.020	0.319	0.537	0.724	0.968	1.244	1.582
3151	31.50	1.863	1.955	1.755	1.247	0.524	-0.227	-0.797	-1.037	-0.928	-0.602
3161	31.60	-0.297	-0.261	-0.642	-1.419	-2.390	-3.245	-3.682	-3.534	-2.838	-1.821
3171	31.70	-0.816	-0.119	0.107	-0.094	-0.517	-0.892	-1.006	-0.790	-0.333	0.173
3181	31.80	0.533	0.638	0.506	0.256	0.029	-0.070	-0.032	0.080	0.183	0.239
3191	31.90	0.290	0.431	0.757	1.290	1.945	2.556	2.943	2.996	2.732	2.282
3201	32.00	1.830	1.516	1.373	1.317	1.204	0.921	0.466	-0.045	-0.607	-0.446
3211	32.10	-0.106	0.513	1.190	1.672	1.795	1.543	1.059	0.525	0.150	-0.006
3221	32.20	-0.008	-0.004	-0.141	-0.480	-0.965	-1.446	-1.753	-1.775	-1.510	-1.057
3231	32.30	-0.573	-0.198	-0.010	-0.006	-0.123	-0.278	-0.405	-0.476	-0.501	-0.507
3241	32.40	-0.531	-0.605	-0.756	-0.999	-1.336	-1.739	-2.153	-2.505	-2.728	-2.792
3251	32.50	-2.724	-2.592	-2.477	-2.422	-2.399	-2.311	-2.028	-1.453	-0.578	0.491
3261	32.60	1.571	2.466	3.033	3.256	3.217	3.059	2.904	2.802	2.710	2.534
3271	32.70	2.192	1.674	1.065	0.519	0.193	0.179	0.457	0.911	1.371	1.683
3281	32.80	1.769	1.646	1.403	1.153	0.981	0.912	0.907	0.890	0.763	0.539
3291	32.90	0.162	-0.303	-0.777	-1.177	-1.429	-1.490	-1.351	-1.038	-0.608	-0.131
3301	33.00	0.323	0.703	0.984	1.171	1.290	1.366	1.418	1.446	1.436	1.370
3311	33.10	1.238	1.040	0.785	0.485	0.149	-0.215	-0.593	-0.954	-1.248	-1.413
3321	33.20	-1.402	-1.203	-0.860	-0.476	-0.183	-0.112	-0.343	-0.881	-1.447	-2.498
3331	33.30	-3.266	-3.789	-3.966	-3.759	-3.204	-2.394	-1.462	-0.549	0.223	0.727
3341	33.40	1.098	1.233	1.278	1.344	1.522	1.865	2.275	2.714	3.034	3.126
3351	33.50	2.942	2.510	1.932	1.341	0.865	0.581	0.497	0.560	0.674	0.742
3361	33.60	0.689	0.488	0.154	-0.256	-0.669	-1.013	-1.237	-1.320	-1.284	-1.181
3371	33.70	-1.084	-1.056	-1.137	-1.320	-1.557	-1.776	-1.914	-1.938	-1.866	-1.759
3381	33.80	-1.688	-1.710	-1.836	-2.032	-2.236	-2.386	-2.453	-2.441	-2.375	-2.274
3391	33.90	-2.123	-1.873	-1.465	-0.869	-0.128	0.637	1.251	1.546	1.427	0.923
3401	34.00	0.184	-0.565	-1.096	-1.259	-1.026	-0.479	0.215	0.888	1.423	1.778
3411	34.10	1.985	2.111	2.225	2.366	2.539	2.724	2.890	3.005	3.043	2.979
3421	34.20	2.789	2.457	1.985	1.400	0.756	0.120	-0.443	-0.888	-1.202	-1.390
3431	34.30	-1.470	-1.453	-1.338	-1.122	-0.809	-0.427	-0.021	0.349	0.632	0.727
3441	34.40	0.842	0.780	0.632	0.411	0.126	-0.213	-0.573	-0.911	-1.169	-1.300
3451	34.50	-1.297	-1.193	-1.059	-0.971	-0.981	-1.091	-1.264	-1.439	-1.567	-1.630
3461	34.60	-1.660	-1.613	-1.543	-1.381	-1.069	-0.477	0.349	1.356	2.386	3.244
3471	34.70	3.759	3.853	3.560	3.014	2.392	1.844	1.449	1.203	1.052	0.943
3481	34.80	0.868	0.867	1.009	1.333	1.801	2.289	2.607	2.573	2.080	1.156
3491	34.90	-0.039	-1.258	-2.250	-2.850	-3.028	-2.895	-2.646	-2.479	-2.516	-2.761

Table 7—17—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-3.105	-3.391	-3.488	-3.347	-3.028	-2.656	-2.359	-2.196	-2.116	-1.983
3511	35.10	-1.639	-0.987	-0.055	0.999	1.939	2.544	2.701	2.449	1.959	1.457
3521	35.20	1.118	0.999	1.011	0.977	0.717	0.135	-0.727	-1.709	-2.588	-3.169
3531	35.30	-3.341	-3.108	-2.558	-1.822	-1.025	-0.260	0.414	0.957	1.337	1.532
3541	35.40	1.542	1.428	1.260	1.167	1.175	1.371	1.694	2.050	2.331	2.463
3551	35.50	2.438	2.315	2.186	2.136	2.198	2.347	2.504	2.582	2.517	2.301
3561	35.60	1.982	1.646	1.388	1.281	1.349	1.562	1.834	2.049	2.084	1.847
3571	35.70	1.298	0.475	-0.518	-1.534	-2.419	-3.061	-3.415	-3.504	-3.403	-3.204
3581	35.80	-2.982	-2.783	-2.621	-2.497	-2.410	-2.358	-2.330	-2.290	-2.173	-1.909
3591	35.90	-1.446	-0.796	-0.043	0.667	1.173	1.367	1.229	0.846	0.372	-0.035
3601	36.00	-0.271	-0.320	-0.269	-0.154	-0.115	-0.148	-0.213	-0.238	-0.167	0.002
3611	36.10	0.220	0.411	0.513	0.513	0.454	0.408	0.439	0.569	0.767	0.966
3621	36.20	1.098	1.131	1.074	0.974	0.883	0.831	0.815	0.805	0.766	0.674
3631	36.30	0.542	0.395	0.264	0.162	0.080	-0.005	-0.118	-0.268	-0.447	-0.634
3641	36.40	-0.815	-0.986	-1.154	-1.324	-1.488	-1.620	-1.681	-1.643	-1.501	-1.288
3651	36.50	-1.056	-0.857	-0.715	-0.616	-0.519	-0.384	-0.202	-0.007	0.135	0.163
3661	36.60	0.063	-0.109	-0.241	-0.297	0.068	0.561	1.145	1.625	1.817	1.626
3671	36.70	1.090	0.384	-0.247	-0.573	-0.643	0.063	0.850	1.660	2.254	2.469
3681	36.80	2.256	1.677	0.874	0.013	-0.758	-1.366	-1.711	-1.864	-1.844	-1.707
3691	36.90	-1.513	-1.310	-1.137	-1.014	-0.942	-0.910	-0.896	-0.879	-0.835	-0.746
3701	37.00	-0.586	-0.331	0.036	0.511	1.051	1.570	1.967	2.063	1.863	1.293
3711	37.10	0.517	-0.307	-0.975	-1.525	-1.290	-0.916	-0.343	0.248	0.697	0.919
3721	37.20	0.903	0.709	0.421	0.107	-0.195	-0.478	-0.743	-0.978	-1.148	-1.207
3731	37.30	-1.122	-0.894	-0.572	-0.236	0.028	0.165	0.167	0.076	-0.033	-0.088
3741	37.40	-0.046	0.093	0.289	0.484	0.628	0.698	0.705	0.690	0.700	0.774
3751	37.50	0.921	1.123	1.332	1.493	1.556	1.492	1.301	1.007	0.655	0.291
3761	37.60	-0.044	-0.315	-0.499	-0.571	-0.515	-0.319	0.012	0.345	0.917	1.368
3771	37.70	1.654	1.783	1.726	1.526	1.259	1.005	0.817	0.703	0.625	0.522
3781	37.80	0.361	0.060	-0.301	-0.689	-1.039	-1.295	-1.425	-1.420	-1.289	-1.052
3791	37.90	-0.739	-0.396	-0.085	0.117	0.141	-0.053	-0.448	-0.968	-1.495	-1.901
3801	38.00	-2.098	-2.060	-1.828	-1.489	-1.138	-0.862	-0.624	-0.470	-0.356	-0.270
3811	38.10	-0.224	-0.252	-0.385	-0.631	-0.960	-1.310	-1.609	-1.790	-1.818	-1.690
3821	38.20	-1.431	-1.088	-0.720	-0.390	-0.152	-0.065	-0.122	-0.289	-0.475	-0.558
3831	38.30	-0.424	-0.014	0.646	1.443	2.213	2.801	3.119	3.186	3.097	3.000
3841	38.40	3.004	3.137	3.338	3.485	3.459	3.203	2.751	2.210	1.709	1.341
3851	38.50	1.124	1.001	0.876	0.667	0.341	-0.075	-0.517	-0.928	-1.287	-1.615
3861	38.60	-1.939	-2.346	-2.752	-3.108	-3.313	-3.285	-3.003	-2.526	-1.973	-1.479
3871	38.70	-1.147	-1.007	-1.017	-1.085	-1.117	-1.055	-0.890	-0.658	-0.409	-0.173
3881	38.80	0.051	0.296	0.601	0.983	1.519	1.844	2.174	2.337	2.300	2.081
3891	38.90	1.748	1.386	1.072	0.847	0.706	0.605	0.485	0.298	0.026	-0.308
3901	39.00	-0.656	-0.953	-1.164	-1.279	-1.327	-1.340	-1.430	-1.564	-1.747	-1.931
3911	39.10	-2.049	-2.043	-1.896	-1.620	-1.279	-0.933	-0.629	-0.377	-0.158	0.065
3921	39.20	0.316	0.584	0.830	1.002	1.085	1.032	0.965	0.954	1.074	1.344
3931	39.30	1.706	2.033	2.178	2.031	1.569	0.871	0.094	-0.581	-1.022	-1.186
3941	39.40	-1.119	-0.967	-0.799	-0.759	-0.867	-1.007	-1.149	-1.189	-1.091	-0.870
3951	39.50	-0.587	-0.316	-0.119	-0.020	-0.012	-0.060	-0.122	-0.144	-0.188	-0.134
3961	39.60	-0.078	-0.028	-0.019	-0.081	-0.231	-0.464	-0.745	-1.015	-1.210	-1.277
3971	39.70	-1.201	-1.004	-0.742	-0.481	-0.271	-0.129	-0.039	0.037	0.133	0.266
3981	39.80	0.426	0.586	0.714	0.795	0.831	0.841	0.851	0.882	0.949	1.062
3991	39.90	1.225	1.440	1.693	1.948	2.143	2.204	2.071	1.728	1.223	0.660

Table 7—17—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.172	-0.134	-0.215	-0.116	0.055	0.171	0.169	-0.017	-0.251	-0.438
4011	40.10	-0.476	-0.328	-0.037	0.291	0.539	0.630	0.551	0.350	0.104	-0.129
4021	40.20	-0.329	-0.517	-0.731	-0.992	-1.285	-1.566	-1.785	-1.917	-1.974	-1.999
4031	40.30	-2.057	-2.102	-2.159	-2.140	-1.978	-1.642	-1.167	-0.638	-0.162	0.187
4041	40.40	0.391	0.498	0.592	0.744	0.975	1.247	1.482	1.604	1.576	1.427
4051	40.50	1.229	1.071	1.013	1.064	1.181	1.299	1.361	1.346	1.273	1.189
4061	40.60	1.161	1.153	1.226	1.335	1.457	1.576	1.693	1.816	1.966	2.073
4071	40.70	2.168	2.196	2.121	1.916	1.563	1.053	0.387	-0.422	-1.335	-2.280
4081	40.80	-3.157	-3.854	-4.283	-4.406	-4.255	-3.921	-3.520	-3.149	-2.866	-2.579
4091	40.90	-2.272	-1.849	-1.284	-0.627	0.011	0.502	0.761	0.795	0.700	0.644
4101	41.00	0.777	1.175	1.798	2.501	3.085	3.396	3.340	2.971	2.423	1.866
4111	41.10	1.437	1.188	1.084	1.034	0.945	0.767	0.510	0.227	-0.029	-0.238
4121	41.20	-0.629	-0.668	-1.011	-1.464	-1.964	-2.393	-2.618	-2.550	-2.179	-1.580
4131	41.30	-0.887	-0.238	0.272	0.615	0.822	0.955	1.067	1.177	1.269	1.312
4141	41.40	1.282	1.180	1.028	0.857	0.683	0.505	0.307	0.079	-0.171	-0.412
4151	41.50	-0.611	-0.756	-0.875	-1.030	-1.286	-1.669	-2.134	-2.561	-2.799	-2.730
4161	41.60	-2.331	-1.706	-1.055	-0.605	-0.517	-0.815	-1.380	-1.993	-2.433	-2.563
4171	41.70	-2.381	-2.608	-1.618	-1.353	-1.253	-1.247	-1.195	-0.972	-0.531	0.061
4181	41.80	0.651	1.075	1.230	1.125	0.876	0.653	0.596	0.759	1.081	1.421
4191	41.90	1.618	1.570	1.272	0.819	0.361	0.044	-0.050	0.074	0.335	0.617
4201	42.00	0.819	0.889	0.838	0.717	0.595	0.520	0.509	0.549	0.611	0.675
4211	42.10	0.739	0.823	0.957	1.160	1.431	1.744	2.055	2.319	2.505	2.610
4221	42.20	2.651	2.660	2.664	2.673	2.670	2.617	2.472	2.201	1.795	1.281
4231	42.30	0.710	0.148	-0.342	-0.726	-0.992	-1.177	-1.328	-1.502	-1.732	-2.020
4241	42.40	-2.327	-2.588	-2.728	-2.697	-2.488	-2.144	-1.753	-1.412	-1.199	-1.137
4251	42.50	-1.187	-1.257	-1.257	-1.061	-0.642	-0.090	0.501	0.991	1.258	1.244
4261	42.60	0.973	0.550	0.126	-0.153	-0.174	0.091	0.588	1.199	1.773	2.174
4271	42.70	2.318	2.190	1.862	1.375	0.899	0.500	0.216	0.032	-0.105	-0.259
4281	42.80	-0.473	-0.756	-1.071	-1.366	-1.584	-1.693	-1.695	-1.621	-1.516	-1.417
4291	42.90	-1.344	-1.295	-1.255	-1.208	-1.150	-1.091	-1.046	-1.028	-1.039	-1.071
4301	43.00	-1.105	-1.128	-1.132	-1.120	-1.099	-1.073	-1.041	-0.995	-0.927	-0.835
4311	43.10	-0.725	-0.610	-0.498	-0.389	-0.272	-0.129	0.052	0.265	0.483	0.661
4321	43.20	0.750	0.717	0.561	0.316	0.047	-0.173	-0.285	-0.265	-0.139	0.062
4331	43.30	0.236	0.323	0.279	0.108	-0.147	-0.415	-0.619	-0.702	-0.642	-0.458
4341	43.40	-0.195	0.085	0.330	0.505	0.594	0.596	0.515	0.360	0.165	-0.102
4351	43.50	-0.336	-0.502	-0.551	-0.462	-0.253	0.014	0.263	0.431	0.500	0.505
4361	43.60	0.520	0.615	0.820	1.099	1.357	1.485	1.406	1.118	0.704	0.298
4371	43.70	0.030	-0.025	0.121	0.386	0.662	0.867	0.984	1.060	1.171	1.373
4381	43.80	1.667	1.991	2.252	2.372	2.326	2.158	1.955	1.806	1.758	1.796
4391	43.90	1.856	1.857	1.746	1.518	1.217	0.904	0.628	0.402	0.200	-0.018
4401	44.00	-0.283	-0.596	-0.927	-1.234	-1.487	-1.681	-1.841	-2.008	-2.211	-2.458
4411	44.10	-2.728	-2.986	-3.193	-3.326	-3.378	-3.354	-3.261	-3.104	-2.884	-2.605
4421	44.20	-2.278	-1.922	-1.552	-1.169	-0.755	-0.283	0.271	0.905	1.575	2.205
4431	44.30	2.707	3.014	3.107	3.028	2.858	2.693	2.597	2.589	2.635	2.673
4441	44.40	2.647	2.534	2.352	2.148	1.969	1.837	1.751	1.599	1.383	1.052
4451	44.50	0.618	0.140	-0.300	-0.625	-0.797	-0.828	-0.769	-0.686	-0.629	-0.612
4461	44.60	-0.610	-0.577	-0.472	-0.283	-0.043	0.184	0.324	0.317	0.140	-0.186
4471	44.70	-0.606	-1.048	-1.447	-1.757	-1.961	-2.065	-2.095	-2.084	-2.062	-2.052
4481	44.80	-2.060	-2.072	-2.064	-2.005	-1.875	-1.682	-1.461	-1.270	-1.162	-1.161
4491	44.90	-1.242	-1.330	-1.329	-1.166	-0.828	-0.378	0.058	0.345	0.394	0.212

Table 7—17—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4501	45.00	-0.102	-0.389	-0.503	-0.369	-0.019	0.426	0.813	1.026	1.033	0.893
4511	45.10	0.714	0.597	0.584	0.650	0.727	0.753	0.717	0.665	0.670	0.777
4521	45.20	0.963	1.131	1.152	0.935	0.486	-0.072	-0.543	-0.738	-0.567	-0.080
4531	45.30	0.565	1.083	1.360	1.332	1.097	0.838	0.738	0.880	1.212	1.576
4541	45.40	1.783	1.707	1.343	0.806	0.268	-0.116	-0.285	-0.284	-0.228	-0.238
4551	45.50	-0.374	-0.607	-0.845	-0.983	-0.973	-0.866	-0.708	-0.682	-0.850	-1.207
4561	45.60	-1.655	-2.051	-2.260	-2.219	-1.955	-1.570	-1.188	-0.908	-0.756	-0.693
4571	45.70	-0.637	-0.511	-0.282	0.023	0.335	0.575	0.691	0.680	0.586	0.472
4581	45.80	0.398	0.390	0.436	0.500	0.540	0.530	0.468	0.368	0.254	0.142
4591	45.90	0.044	-0.028	-0.057	-0.014	0.126	0.363	0.663	0.946	1.110	1.074
4601	46.00	0.811	0.379	-0.088	-0.427	-0.504	-0.271	0.213	0.804	1.329	1.659
4611	46.10	1.751	1.662	1.508	1.406	1.418	1.531	1.668	1.737	1.683	1.514
4621	46.20	1.292	1.099	0.990	0.962	0.959	0.898	0.715	0.396	-0.029	-0.488
4631	46.30	-0.918	-1.281	-1.572	-1.806	-1.990	-2.113	-2.149	-2.079	-1.913	-1.703
4641	46.40	-1.520	-1.427	-1.437	-1.503	-1.532	-1.428	-1.141	-0.694	-0.184	0.268
4651	46.50	0.563	0.671	0.638	0.556	0.512	0.564	0.620	0.663	0.591	0.366
4661	46.60	0.014	-0.382	-0.729	-0.960	-1.069	-1.100	-1.125	-1.165	-1.291	-1.397
4671	46.70	-1.460	-1.371	-1.189	-0.943	-0.713	-0.576	-0.571	-0.691	-0.881	-1.074
4681	46.80	-1.207	-1.247	-1.193	-1.062	-0.884	-0.687	-0.494	-0.324	-0.192	-0.105
4691	46.90	-0.060	-0.037	-0.000	0.086	0.247	0.480	0.755	1.021	1.227	1.337
4701	47.00	1.367	1.281	1.180	1.086	1.018	0.988	0.981	0.977	0.939	0.921
4711	47.10	0.868	0.809	0.754	0.709	0.675	0.651	0.632	0.614	0.592	0.563
4721	47.20	0.522	0.466	0.388	0.291	0.173	0.034	-0.122	-0.291	-0.462	-0.620
4731	47.30	-0.748	-0.831	-0.860	-0.832	-0.754	-0.637	-0.492	-0.331	-0.166	-0.012
4741	47.40	0.117	0.209	0.261	0.285	0.307	0.354	0.445	0.576	0.713	0.807
4751	47.50	0.816	0.729	0.578	0.432	0.367	0.433	0.623	0.868	1.064	1.111
4761	47.60	0.959	0.627	0.194	-0.233	-0.569	-0.772	-0.854	-0.855	-0.812	-0.736
4771	47.70	-0.606	-0.403	-0.137	0.145	0.367	0.457	0.395	0.233	0.084	0.070
4781	47.80	0.260	0.622	1.027	1.291	1.262	0.887	0.253	-0.449	-0.990	-1.202
4791	47.90	-1.037	-0.582	-0.012	0.489	0.805	0.921	0.916	0.906	0.985	1.177
4801	48.00	1.438	1.680	1.821	1.822	1.697	1.499	1.283	1.084	0.901	0.714
4811	48.10	0.500	0.257	0.007	-0.218	-0.391	-0.512	-0.607	-0.713	-0.856	-1.037
4821	48.20	-1.225	-1.373	-1.440	-1.416	-1.328	-1.234	-1.201	-1.277	-1.473	-1.755
4831	48.30	-2.059	-2.306	-2.427	-2.377	-2.146	-1.752	-1.236	-0.654	-0.066	0.475
4841	48.40	0.926	1.259	1.463	1.546	1.520	1.405	1.212	0.951	0.627	0.255
4851	48.50	-0.133	-0.489	-0.759	-0.859	-0.783	-0.528	-0.145	0.284	0.671	0.949
4861	48.60	1.097	1.140	1.136	1.149	1.219	1.345	1.488	1.590	1.602	1.505
4871	48.70	1.320	1.094	0.883	0.723	0.623	0.563	0.512	0.462	0.338	0.197
4881	48.80	0.023	-0.182	-0.417	-0.675	-0.929	-1.133	-1.232	-1.185	-0.992	-0.707
4891	48.90	-0.432	-0.274	-0.368	-0.536	-0.887	-1.245	-1.501	-1.604	-1.586	-1.544
4901	49.00	-1.593	-1.803	-2.163	-2.576	-2.899	-3.004	-2.829	-2.402	-1.825	-1.226
4911	49.10	-0.716	-0.355	-0.152	-0.080	-0.108	-0.206	-0.351	-0.506	-0.617	-0.620
4921	49.20	-0.463	-0.135	0.318	0.806	1.229	1.516	1.658	1.694	1.686	1.670
4931	49.30	1.631	1.503	1.216	0.743	0.135	-0.475	-0.929	-1.099	-0.952	-0.564
4941	49.40	-0.083	0.331	0.578	0.668	0.613	0.573	0.602	0.711	0.851	0.947
4951	49.50	0.967	0.846	0.687	0.527	0.406	0.327	0.266	0.206	0.162	0.187
4961	49.60	0.364	0.657	1.082	1.496	1.749	1.727	1.416	0.919	0.419	0.098
4971	49.70	0.053	0.248	0.528	0.692	0.588	0.177	-0.445	-1.101	-1.616	-1.887
4981	49.80	-1.925	-1.826	-1.716	-1.682	-1.736	-1.829	-1.891	-1.880	-1.813	-1.747
4991	49.90	-1.746	-1.834	-1.971	-2.072	-2.048	-1.858	-1.531	-1.158	-0.849	-0.680

Table 7—17—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.657	-0.719	-0.766	-0.711	-0.514	-0.203	0.155	0.482	0.732	0.900
5011	50.10	1.070	1.138	1.288	1.474	1.677	1.869	2.025	2.136	2.195	2.204
5021	50.20	2.169	2.012	1.774	1.432	1.007	0.535	0.063	-0.370	-0.741	-1.041
5031	50.30	-1.262	-1.391	-1.405	-1.279	-1.006	-0.611	-0.156	0.272	0.592	0.760
5041	50.40	0.784	0.729	0.684	0.733	0.915	1.209	1.545	1.832	1.997	2.013
5051	50.50	1.907	1.760	1.578	1.456	1.366	1.259	1.081	0.803	0.443	0.074
5061	50.60	-0.208	-0.320	-0.236	-0.001	0.277	0.473	0.490	0.302	-0.033	-0.399
5071	50.70	-0.668	-0.756	-0.645	-0.407	-0.148	0.025	0.054	-0.053	-0.234	-0.404
5081	50.80	-0.502	-0.514	-0.476	-0.440	-0.464	-0.564	-0.713	-0.855	-0.932	-0.909
5091	50.90	-0.789	-0.603	-0.397	-0.212	-0.054	0.047	0.138	0.229	0.331	0.446
5101	51.00	0.573	0.703	0.828	0.938	1.020	1.060	1.050	0.997	0.918	0.840
5111	51.10	0.784	0.759	0.751	0.736	0.682	0.588	0.468	0.357	0.289	0.277
5121	51.20	0.302	0.326	0.300	0.210	0.072	-0.058	-0.162	-0.191	-0.183	-0.202
5131	51.30	-0.318	-0.563	-0.899	-1.227	-1.419	-1.381	-1.096	-0.610	-0.151	0.230
5141	51.40	0.425	0.454	0.423	0.466	0.679	1.045	1.524	1.894	2.019	1.818
5151	51.50	1.316	0.630	-0.082	-0.682	-1.100	-1.344	-1.473	-1.557	-1.641	-1.736
5161	51.60	-1.826	-1.892	-1.934	-1.970	-2.021	-2.086	-2.135	-2.115	-1.976	-1.705
5171	51.70	-1.338	-0.957	-0.650	-0.478	-0.439	-0.473	-0.484	-0.396	-0.185	0.099
5181	51.80	0.351	0.461	0.357	0.049	-0.377	-0.790	-1.061	-1.115	-0.953	-0.646
5191	51.90	-0.292	0.007	0.201	0.293	0.324	0.352	0.417	0.531	0.677	0.822
5201	52.00	0.942	1.030	1.091	1.137	1.168	1.165	1.096	0.936	0.688	0.392
5211	52.10	0.121	-0.042	-0.039	0.135	0.423	0.719	0.906	0.898	0.670	0.269
5221	52.20	-0.207	-0.647	-0.965	-1.133	-1.173	-1.147	-1.116	-1.117	-1.149	-1.180
5231	52.30	-1.172	-1.101	-0.975	-0.822	-0.681	-0.580	-0.521	-0.484	-0.462	-0.378
5241	52.40	-0.298	-0.229	-0.210	-0.227	-0.400	-0.577	-0.745	-0.849	-0.852	-0.744
5251	52.50	-0.542	-0.276	0.021	0.351	0.641	0.963	1.217	1.333	1.549	1.532
5261	52.60	1.375	1.100	0.775	0.477	0.273	0.198	0.235	0.325	0.385	0.341
5271	52.70	0.159	-0.146	-0.512	-0.851	-1.079	-1.143	-1.028	-0.760	-0.389	0.033
5281	52.80	0.462	0.371	1.242	1.561	1.806	1.949	1.966	1.844	1.594	1.256
5291	52.90	0.879	0.531	0.257	0.080	-0.007	-0.036	-0.049	-0.083	-0.156	-0.262
5301	53.00	-0.375	-0.455	-0.470	-0.402	-0.259	-0.071	0.123	0.289	0.417	0.527
5311	53.10	0.663	0.870	1.176	1.558	1.961	2.296	2.477	2.458	2.252	1.927
5321	53.20	1.579	1.289	1.088	0.941	0.768	0.484	0.041	-0.536	-1.156	-1.696
5331	53.30	-2.052	-2.183	-2.124	-1.969	-1.821	-1.746	-1.745	-1.756	-1.696	-1.508
5341	53.40	-1.187	-0.807	-0.472	-0.284	-0.294	-0.485	-0.782	-1.090	-1.331	-1.474
5351	53.50	-1.531	-1.538	-1.524	-1.491	-1.409	-1.239	-0.956	-0.572	-0.135	0.281
5361	53.60	0.610	0.816	0.903	0.906	0.873	0.835	0.801	0.753	0.669	0.537
5371	53.70	0.367	0.193	0.057	-0.010	-0.005	0.049	0.108	0.130	0.090	-0.004
5381	53.80	-0.124	-0.229	-0.288	-0.295	-0.269	-0.245	-0.254	-0.300	-0.354	-0.357
5391	53.90	-0.246	0.021	0.440	0.956	1.464	1.866	2.087	2.112	1.990	1.813
5401	54.00	1.674	1.630	1.675	1.745	1.752	1.622	1.335	0.939	0.525	0.188
5411	54.10	-0.017	-0.106	-0.155	-0.261	-0.499	-0.871	-1.302	-1.663	-1.830	-1.733
5421	54.20	-1.393	-0.917	-0.455	-0.137	-0.026	-0.093	-0.241	-0.355	-0.359	-0.251
5431	54.30	-0.106	-0.035	-0.134	-0.430	-0.863	-1.305	-1.605	-1.664	-1.384	-0.872
5441	54.40	-0.220	0.440	0.997	1.388	1.607	1.681	1.651	1.548	1.391	1.192
5451	54.50	0.968	0.748	0.563	0.439	0.383	0.373	0.374	0.351	0.287	0.191
5461	54.60	0.093	0.022	-0.016	-0.045	-0.112	-0.267	-0.529	-0.874	-1.235	-1.525
5471	54.70	-1.673	-1.651	-1.487	-1.252	-1.028	-0.873	-0.805	-0.796	-0.797	-0.764
5481	54.80	-0.682	-0.569	-0.467	-0.418	-0.441	-0.527	-0.660	-0.738	-0.784	-0.764
5491	54.90	-0.682	-0.551	-0.389	-0.207	-0.012	0.186	0.369	0.515	0.600	0.615

Table 7—17—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.567	0.483	0.394	0.328	0.296	0.289	0.286	0.266	0.223	0.167
5511	55.10	0.126	0.109	0.149	0.235	0.347	0.455	0.531	0.558	0.535	0.477
5521	55.20	0.402	0.330	0.277	0.249	0.239	0.236	0.216	0.156	0.037	-0.149
5531	55.30	-0.386	-0.638	-0.848	-0.960	-0.932	-0.750	-0.439	-0.055	0.331	0.654
5541	55.40	0.876	0.991	1.026	1.025	1.031	1.071	1.146	1.235	1.308	1.335
5551	55.50	1.299	1.205	1.074	0.934	0.813	0.723	0.660	0.603	0.520	0.387
5561	55.60	0.191	-0.059	-0.333	-0.590	-0.792	-0.918	-0.969	-0.967	-0.951	-0.954
5571	55.70	-0.997	-1.078	-1.179	-1.268	-1.322	-1.330	-1.297	-1.243	-1.189	-1.152
5581	55.80	-1.137	-1.145	-1.172	-1.220	-1.295	-1.406	-1.552	-1.716	-1.862	-1.943
5591	55.90	-1.914	-1.751	-1.465	-1.096	-0.706	-0.356	-0.087	0.092	0.205	0.294
5601	56.00	0.398	0.536	0.701	0.868	1.004	1.090	1.128	1.138	1.147	1.169
5611	56.10	1.200	1.214	1.179	1.076	0.916	0.736	0.592	0.528	0.554	0.634
5621	56.20	0.695	0.657	0.664	0.117	-0.320	-0.738	-1.018	-1.079	-0.903	-0.543
5631	56.30	-0.104	0.301	0.585	0.719	0.727	0.671	0.616	0.594	0.600	0.592
5641	56.40	0.518	0.346	0.087	-0.211	-0.473	-0.628	-0.638	-0.509	-0.287	-0.062
5651	56.50	0.167	0.309	0.388	0.438	0.504	0.615	0.780	0.977	1.171	1.325
5661	56.60	1.417	1.441	1.406	1.328	1.217	1.078	0.908	0.710	0.494	0.281
5671	56.70	0.099	-0.026	-0.079	-0.060	0.018	0.133	0.260	0.377	0.466	0.515
5681	56.80	0.519	0.479	0.412	0.341	0.296	0.299	0.352	0.435	0.508	0.530
5691	56.90	0.483	0.385	0.289	0.268	0.376	0.621	0.946	1.244	1.395	1.315
5701	57.00	0.990	0.485	-0.078	-0.571	-0.912	-1.089	-1.161	-1.218	-1.331	-1.519
5711	57.10	-1.735	-1.895	-1.916	-1.766	-1.470	-1.120	-0.815	-0.627	-0.572	-0.607
5721	57.20	-0.659	-0.659	-0.577	-0.427	-0.255	-0.109	-0.010	0.057	0.133	0.259
5731	57.30	0.453	0.690	0.915	1.059	1.071	0.935	0.674	0.348	0.012	-0.281
5741	57.40	-0.506	-0.659	-0.758	-0.824	-0.877	-0.931	-0.991	-1.059	-1.130	-1.196
5751	57.50	-1.248	-1.279	-1.286	-1.274	-1.250	-1.224	-1.200	-1.172	-1.130	-1.051
5761	57.60	-0.959	-0.827	-0.681	-0.540	-0.422	-0.332	-0.266	-0.202	-0.134	-0.052
5771	57.70	0.040	0.133	0.217	0.288	0.349	0.407	0.467	0.527	0.581	0.621
5781	57.80	0.645	0.658	0.668	0.683	0.696	0.691	0.665	0.537	0.368	0.163
5791	57.90	-0.034	-0.177	-0.230	-0.187	-0.074	0.063	0.172	0.213	0.164	0.029
5801	58.00	-0.177	-0.426	-0.687	-0.921	-1.083	-1.128	-1.015	-0.747	-0.345	0.115
5811	58.10	0.531	0.805	0.877	0.740	0.452	0.109	-0.186	-0.358	-0.382	-0.280
5821	58.20	-0.106	0.088	0.264	0.416	0.556	0.698	0.848	0.995	1.120	1.204
5831	58.30	1.247	1.260	1.265	1.278	1.301	1.322	1.323	1.295	1.244	1.191
5841	58.40	1.159	1.157	1.167	1.147	1.045	0.822	0.476	0.048	-0.390	-0.757
5851	58.50	-0.992	-1.079	-1.060	-0.927	-0.793	-0.656	-0.546	-0.406	-0.212	0.047
5861	58.60	0.350	0.444	0.842	0.948	0.880	0.681	0.405	0.123	-0.109	-0.266
5871	58.70	-0.363	-0.439	-0.539	-0.687	-0.875	-1.055	-1.160	-1.128	-0.924	-0.560
5881	58.80	-0.099	0.360	0.716	0.877	0.819	0.567	0.206	-0.156	-0.407	-0.491
5891	58.90	-0.409	-0.228	-0.056	0.001	-0.123	-0.426	-0.834	-1.231	-1.504	-1.582
5901	59.00	-1.469	-1.234	-0.980	-0.794	-0.709	-0.693	-0.666	-0.547	-0.308	0.011
5911	59.10	0.290	0.395	0.231	-0.204	-0.806	-1.395	-1.785	-1.852	-1.588	-1.097
5921	59.20	-0.551	-0.113	0.129	0.191	0.177	0.220	0.410	0.750	1.147	1.460
5931	59.30	1.556	1.327	0.965	0.639	-0.054	-0.395	-0.543	-0.532	-0.447	-0.375
5941	59.40	-0.365	-0.410	-0.466	-0.471	-0.400	-0.261	-0.096	0.049	0.138	0.179
5951	59.50	0.206	0.261	0.372	0.533	0.709	0.852	0.925	0.921	0.866	0.792
5961	59.60	0.746	0.740	0.765	0.795	0.797	0.760	0.689	0.604	0.531	0.486
5971	59.70	0.469	0.467	0.462	0.443	0.409	0.368	0.333	0.310	0.298	0.293
5981	59.80	0.288	0.285	0.283	0.296	0.318	0.369	0.375	0.386	0.378	0.366
5991	59.90	0.373	0.431	0.558	0.753	0.993	1.232	1.420	1.514	1.491	1.353

Table 7—17—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.122	0.835	0.531	0.245	0.006	-0.174	-0.292	-0.355	-0.381	-0.339
6011	60.10	-0.397	-0.418	-0.453	-0.498	-0.544	-0.587	-0.626	-0.672	-0.732	-0.811
6021	60.20	-0.906	-1.003	-1.088	-1.152	-1.199	-1.244	-1.306	-1.398	-1.514	-1.631
6031	60.30	-1.717	-1.740	-1.691	-1.583	-1.452	-1.336	-1.264	-1.235	-1.226	-1.202
6041	60.40	-1.130	-1.000	-0.828	-0.644	-0.479	-0.365	-0.230	-0.099	0.084	0.335
6051	60.50	0.639	0.951	1.207	1.353	1.362	1.247	1.050	0.830	0.635	0.490
6061	60.60	0.391	0.317	0.244	0.163	0.085	0.037	0.050	0.146	0.324	0.561
6071	60.70	0.824	1.074	1.287	1.448	1.558	1.617	1.622	1.560	1.415	1.177
6081	60.80	0.850	0.466	0.077	-0.252	-0.468	-0.540	-0.480	-0.333	-0.170	-0.064
6091	60.90	-0.064	-0.183	-0.392	-0.635	-0.845	-0.975	-1.004	-0.951	-0.858	-0.771
6101	61.00	-0.722	-0.715	-0.724	-0.702	-0.603	-0.600	-0.694	0.281	0.673	1.021
6111	61.10	1.275	1.408	1.414	1.314	1.137	0.921	0.697	0.487	0.299	0.127
6121	61.20	-0.044	-0.235	-0.459	-0.710	-0.961	-1.165	-1.265	-1.218	-1.012	-0.677
6131	61.30	-0.278	0.100	0.383	0.536	0.573	0.567	0.526	0.558	0.669	0.758
6141	61.40	0.813	0.750	0.538	0.200	-0.199	-0.578	-0.879	-1.086	-1.228	-1.351
6151	61.50	-1.487	-1.626	-1.710	-1.655	-1.394	-0.912	-0.269	0.412	0.988	1.346
6161	61.60	1.440	1.308	1.051	0.792	0.632	0.617	0.730	0.908	1.070	1.144
6171	61.70	1.087	0.890	0.572	0.171	-0.262	-0.672	-1.005	-1.217	-1.286	-1.221
6181	61.80	-1.063	-0.874	-0.718	-0.660	-0.652	-0.729	-0.827	-0.898	-0.915	-0.874
6191	61.90	-0.796	-0.706	-0.622	-0.551	-0.487	-0.425	-0.369	-0.330	-0.324	-0.358
6201	62.00	-0.421	-0.486	-0.515	-0.493	-0.419	-0.319	-0.229	-0.475	-0.163	-0.169
6211	62.10	-0.159	-0.102	0.009	0.152	0.290	0.386	0.425	0.424	0.412	0.421
6221	62.20	0.458	0.504	0.522	0.478	0.366	0.217	0.082	0.008	0.012	0.064
6231	62.30	0.100	0.054	-0.108	-0.361	-0.625	-0.300	-0.807	-0.626	-0.316	0.013
6241	62.40	0.240	0.281	0.127	-0.160	-0.469	-0.594	-0.767	-0.682	-0.486	-0.246
6251	62.50	-0.021	0.165	0.325	0.490	0.689	0.924	1.167	1.370	1.488	1.495
6261	62.60	1.397	1.229	1.038	0.871	0.758	0.706	0.699	0.708	0.699	0.647
6271	62.70	0.542	0.397	0.247	0.142	0.128	0.234	0.452	0.734	1.000	1.164
6281	62.80	1.165	0.993	0.696	0.366	0.107	-0.005	0.053	0.239	0.475	0.673
6291	62.90	0.773	0.763	0.677	0.571	0.492	0.462	0.466	0.471	0.443	0.371
6301	63.00	0.265	0.155	0.064	-0.002	-0.067	-0.167	-0.342	-0.605	-0.941	-1.299
6311	63.10	-1.613	-1.818	-1.867	-1.746	-1.469	-1.082	-0.665	-0.223	0.125	0.364
6321	63.20	0.487	0.518	0.500	0.475	0.463	0.455	0.498	0.279	0.046	-0.262
6331	63.30	-0.565	-0.757	-0.760	-0.564	-0.253	0.013	0.060	-0.223	-0.830	-1.622
6341	63.40	-2.367	-2.832	-2.871	-2.478	-1.795	-1.041	-0.426	-0.069	0.039	0.013
6351	63.50	0.007	0.139	0.442	0.863	1.304	1.678	1.954	2.162	2.364	2.603
6361	63.60	2.868	3.095	3.190	3.084	2.771	2.318	1.834	1.420	1.125	0.924
6371	63.70	0.743	0.499	0.153	-0.269	-0.687	-1.006	-1.166	-1.169	-1.081	-0.991
6381	63.80	-0.970	-1.030	-1.123	-1.168	-1.098	-0.896	-0.614	-0.361	-0.233	-0.292
6391	63.90	-0.519	-0.821	-1.068	-1.143	-0.990	-0.637	-0.184	0.228	0.472	0.474
6401	64.00	0.236	-0.171	-0.636	-1.036	-1.293	-1.371	-1.289	-1.103	-0.877	-0.660
6411	64.10	-0.473	-0.303	-0.125	0.084	0.323	0.568	0.771	0.888	0.893	0.792
6421	64.20	0.623	0.436	0.275	0.156	0.064	-0.037	-0.188	-0.398	-0.658	-0.921
6431	64.30	-1.133	-1.250	-1.259	-1.181	-1.059	-0.942	-0.865	-0.841	-0.862	-0.906
6441	64.40	-0.951	-0.977	-0.969	-0.914	-0.798	-0.614	-0.371	-0.097	0.155	0.326
6451	64.50	0.373	0.288	0.112	-0.075	-0.180	-0.132	0.085	0.429	0.808	1.117
6461	64.60	1.280	1.274	1.134	0.936	0.759	0.655	0.632	0.656	0.675	0.644
6471	64.70	0.546	0.396	0.233	0.095	0.003	-0.045	-0.074	-0.112	-0.179	-0.276
6481	64.80	-0.386	-0.486	-0.554	-0.584	-0.579	-0.554	-0.520	-0.484	-0.448	-0.411
6491	64.90	-0.379	-0.367	-0.395	-0.480	-0.625	-0.812	-1.003	-1.151	-1.212	-1.166

Table 7—17—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1110 907-GR-1-140 U-D (U-D) TAIRA BRIDGE MAX. ACC. = -30.173 (GAL) T= 11.62 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.021	-0.812	-0.590	-0.402	-0.276	-0.216	-0.202	-0.205	-0.197	-0.165
6511	65.10	-0.108	-0.036	0.043	0.129	0.230	0.355	0.504	0.662	0.798	0.881
6521	65.20	0.890	0.832	0.738	0.659	0.643	0.713	0.862	1.052	1.232	1.359
6531	65.30	1.416	1.411	1.370	1.319	1.266	1.199	1.093	0.932	0.719	0.485
6541	65.40	0.274	0.124	0.053	0.043	0.054	0.044	-0.006	-0.085	-0.150	-0.151
6551	65.50	-0.055	0.133	0.373	0.604	0.766	0.831	0.801	0.711	0.598	0.494
6561	65.60	0.410	0.339	0.277	0.226	0.198	0.206	0.245	0.283	0.262	0.122
6571	65.70	-0.169	-0.596	-1.085	-1.529	-1.821	-1.896	-1.758	-1.476	-1.157	-0.904
6581	65.80	-0.777	-0.775	-0.848	-0.926	-0.969	-0.897	-0.786	-0.655	-0.537	-0.442
6591	65.90	-0.354	-0.240	-0.076	0.136	0.362	0.553	0.662	0.672	0.601	0.495
6601	66.00	0.407	0.368	0.374	0.385	0.347	0.220	0.000	-0.266	-0.503	-0.631
6611	66.10	-0.598	-0.407	-0.112	0.195	0.425	0.520	0.477	0.345	0.204	0.131
6621	66.20	0.174	0.336	0.576	0.835	1.044	1.173	1.213	1.181	1.112	1.036
6631	66.30	0.967	0.913	0.870	0.830	0.790	0.751	0.714	0.678	0.639	0.588
6641	66.40	0.519	0.427	0.313	0.181	0.036	-0.118	-0.275	-0.426	-0.558	-0.654
6651	66.50	-0.701	-0.695	-0.646	-0.575	-0.507	-0.460	-0.437	-0.424	-0.400	-0.366
6661	66.60	-0.259	-0.157	-0.071	-0.033	-0.059	-0.142	-0.253	-0.356	-0.420	-0.437
6671	66.70	-0.419	-0.391	-0.376	-0.380	-0.390	-0.381	-0.332	-0.235	-0.101	0.049
6681	66.80	0.193	0.328	0.462	0.615	0.795	0.986	1.149	1.228	1.183	1.006
6691	66.90	0.730	0.425	0.165	-0.002	-0.078	-0.106	-0.154	-0.277	-0.480	-0.716
6701	67.00	-0.898	-0.946	-0.822	-0.559	-0.254	-0.030	0.016	-0.148	-0.468	-0.830
6711	67.10	-1.105	-1.209	-1.131	-0.940	-0.747	-0.653	-0.700	-0.857	-1.027	-1.102
6721	67.20	-1.006	-0.735	-0.362	0.002	0.266					

Table 7—18—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.855	-1.137	-1.217	-1.140	-0.998	-0.879	-0.820	-0.792	-0.731	-0.586
11	0.10	-0.364	-0.137	-0.008	-0.046	-0.232	-0.448	-0.523	-0.323	-0.167	0.798
21	0.20	1.300	1.386	0.880	-0.183	-1.546	-2.812	-3.587	-3.636	-2.968	-1.835
31	0.30	-0.628	0.274	0.641	0.464	-0.069	-0.670	-1.069	-1.120	-0.832	-0.337
41	0.40	0.185	0.590	0.818	0.894	0.883	0.848	0.802	0.717	0.547	0.271
51	0.50	-0.076	-0.403	-0.609	-0.620	-0.431	-0.115	0.207	0.421	0.473	0.391
61	0.60	0.269	0.222	0.320	0.557	0.847	1.068	1.118	0.973	0.689	0.381
71	0.70	0.161	0.083	0.123	0.195	0.209	0.126	-0.017	-0.127	-0.113	0.049
81	0.80	0.281	0.431	0.337	-0.081	-0.762	-1.511	-2.066	-2.210	-1.865	-1.129
91	0.90	-0.237	0.540	0.997	1.073	0.850	0.493	0.163	-0.050	-0.145	-0.174
101	1.00	-0.183	-0.172	-0.091	0.116	0.453	0.840	1.126	1.159	0.861	0.286
111	1.10	-0.392	-0.947	-1.202	-1.107	-0.758	-0.351	-0.081	-0.052	-0.232	-0.477
121	1.20	-0.616	-0.534	-0.232	0.179	0.543	0.731	0.706	0.524	0.298	0.133
131	1.30	0.072	0.089	0.116	0.089	-0.013	-0.164	-0.313	-0.425	-0.506	-0.594
141	1.40	-0.732	-0.924	-1.119	-1.221	-1.136	-0.821	-0.315	0.262	0.762	1.061
151	1.50	1.110	0.947	0.676	0.412	0.238	0.176	0.195	0.236	0.244	0.188
161	1.60	0.066	-0.108	-0.318	-0.556	-0.817	-1.098	-1.383	-1.648	-1.861	-1.986
171	1.70	-1.991	-1.852	-1.565	-1.155	-0.686	-0.267	-0.023	-0.055	-0.387	-0.927
181	1.80	-1.470	-1.759	-1.578	-0.854	0.291	1.560	2.588	3.085	2.953	2.332
191	1.90	1.538	0.929	0.748	1.031	1.608	2.196	2.545	2.540	2.231	1.769
201	2.00	1.291	0.832	0.310	-0.405	-1.368	-2.471	-3.435	-3.918	-3.674	-2.700
211	2.10	-1.276	0.125	1.029	1.163	0.570	-0.412	-1.315	-1.750	-1.570	-0.913
221	2.20	-0.100	0.545	0.854	0.881	0.837	0.944	1.286	1.745	2.059	1.967
231	2.30	1.362	0.372	-0.684	-1.438	-1.644	-1.287	-0.579	0.154	0.637	0.768
241	2.40	0.649	0.502	0.534	0.816	1.241	1.588	1.640	1.307	0.676	-0.034
251	2.50	-0.571	-0.775	-0.637	-0.290	0.070	0.285	0.299	0.167	0.000	-0.102
261	2.60	-0.102	-0.031	0.047	0.080	0.062	0.025	0.011	0.035	0.072	0.079
271	2.70	0.030	-0.057	-0.123	-0.099	0.037	0.231	0.367	0.313	0.002	-0.522
281	2.80	-1.104	-1.534	-1.666	-1.394	-0.876	-0.294	0.137	0.287	0.165	-0.100
291	2.90	-0.328	-0.381	-0.251	0.045	0.309	0.452	0.449	0.379	0.374	0.544
301	3.00	0.910	1.380	1.786	1.959	1.809	1.367	0.775	0.217	-0.454	-0.286
311	3.10	-0.236	-0.133	-0.112	-0.242	-0.493	-0.751	-0.869	-0.743	-0.366	0.167
321	3.20	0.673	0.966	0.928	0.558	-0.018	-0.593	-0.956	-0.971	-0.633	-0.071
331	3.30	0.502	0.873	0.908	0.611	0.111	-0.385	-0.682	-0.672	-0.368	0.112
341	3.40	0.602	0.967	1.148	1.179	1.145	1.128	1.159	1.196	1.158	0.974
351	3.50	0.637	0.219	-0.147	-0.328	-0.247	0.072	0.512	0.909	1.118	1.069
361	3.60	0.790	0.384	-0.017	-0.307	-0.442	-0.443	-0.376	-0.288	-0.234	-0.213
371	3.70	-0.201	-0.172	-0.117	-0.046	0.016	0.047	0.044	0.026	0.023	0.058
381	3.80	0.132	0.215	0.257	0.205	0.038	-0.224	-0.507	-0.707	-0.720	-0.493
391	3.90	-0.050	0.494	0.956	1.140	0.905	0.224	-0.792	-1.918	-2.878	-3.438
401	4.00	-3.680	-3.039	-2.284	-1.452	-0.757	-0.321	-0.144	-0.128	-0.143	-0.090
411	4.10	0.054	0.234	0.361	0.363	0.229	0.015	-0.184	-0.287	-0.266	-0.168
421	4.20	-0.089	-0.131	-0.354	-0.742	-1.211	-1.644	-1.930	-2.012	-1.898	-1.656
431	4.30	-1.379	-1.153	-1.026	-0.995	-1.012	-1.001	-0.888	-0.625	-0.216	0.229
441	4.40	0.757	1.102	1.229	1.120	0.844	0.537	0.362	0.435	0.781	1.309
451	4.50	1.842	2.180	2.177	1.794	1.111	0.283	-0.522	-1.188	-1.679	-2.022
461	4.60	-2.260	-2.409	-2.440	-2.297	-1.944	-1.413	-0.815	-0.300	0.010	0.082
471	4.70	0.002	-0.062	0.063	0.465	1.093	1.775	2.288	2.477	2.317	1.932
481	4.80	1.529	1.298	1.318	1.520	1.732	1.779	1.580	1.188	0.760	0.451
491	4.90	0.310	0.226	-0.035	-0.703	-1.860	-3.343	-4.762	-5.636	-5.608	-4.620

Table 7—18—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.987	-1.300	-0.201	-0.103	-1.001	-2.436	-3.658	-3.922	-2.795	-0.358
511	5.10	2.805	5.807	7.786	8.221	7.109	4.946	2.515	0.591	-0.362	-0.294
521	5.20	0.450	1.329	1.849	1.759	1.118	0.227	-0.543	-0.925	-0.866	-0.511
531	5.30	-0.126	0.065	-0.020	-0.289	-0.539	-0.568	-0.280	0.264	0.880	1.357
541	5.40	1.560	1.496	1.302	1.167	1.224	1.466	1.739	1.807	1.473	0.696
551	5.50	-0.347	-1.300	-1.745	-1.370	-0.111	1.792	3.836	5.409	5.980	5.278
561	5.60	3.379	0.689	-2.186	-4.618	-6.145	-6.588	-6.073	-4.959	-3.703	-2.707
571	5.70	-2.199	-2.184	-2.462	-2.716	-2.624	-1.963	-0.684	1.063	2.971	4.645
581	5.80	5.705	5.888	5.106	3.474	1.266	-1.160	-3.457	-5.364	-6.743	-7.561
591	5.90	-7.833	-7.576	-6.780	-5.446	-3.643	-1.586	0.365	1.747	2.159	1.419
601	6.00	-0.309	-2.503	-4.411	-5.283	-4.628	-2.384	1.051	4.956	8.520	11.111
611	6.10	12.422	12.497	11.637	10.232	8.621	7.031	5.604	4.462	3.755	3.638
621	6.20	4.193	5.325	6.712	7.848	8.184	7.318	5.158	1.924	-1.825	-5.453
631	6.30	-8.391	-10.284	-11.040	-10.784	-9.759	-8.253	-6.436	-4.543	-2.684	-0.961
641	6.40	0.549	1.796	2.741	3.337	3.500	3.106	2.018	0.181	-2.313	-5.172
651	6.50	-7.950	-10.159	-11.431	-11.627	-10.842	-9.300	-7.188	-4.522	-1.154	3.071
661	6.60	8.066	13.289	17.746	20.203	19.642	15.717	9.042	1.125	-6.068	-10.748
671	6.70	-11.945	-9.834	-5.651	-1.210	1.775	2.290	0.312	-3.298	-7.218	-10.209
681	6.80	-11.544	-11.180	-9.629	-7.660	-5.951	-4.865	-4.397	-4.273	-4.119	-3.609
691	6.90	-2.553	-0.911	1.233	3.696	6.218	8.490	10.210	11.158	11.287	10.759
701	7.00	9.912	9.167	8.768	8.846	9.170	9.315	8.792	7.239	4.574	1.042
711	7.10	-2.831	-6.376	-8.955	-10.127	-9.767	-8.128	-5.811	-3.653	-2.515	-3.019
721	7.20	-5.285	-8.777	-12.343	-14.500	-13.905	-9.887	-2.815	5.861	13.864	18.958
731	7.30	19.511	15.183	7.069	-2.637	-11.369	-17.036	-18.668	-16.632	-12.340	-7.602
741	7.40	-3.905	-1.895	-1.280	-1.134	-0.450	1.323	3.997	6.728	8.402	8.168
751	7.50	5.732	1.685	-2.889	-6.714	-8.784	-8.654	-6.497	-2.942	1.203	5.207
761	7.60	8.550	10.928	12.170	12.160	10.830	8.227	4.590	0.387	-3.769	-7.274
771	7.70	-9.717	-10.980	-11.202	-10.613	-9.361	-7.280	-4.139	0.353	6.166	12.756
781	7.80	19.064	23.759	25.668	24.203	19.624	13.010	5.936	-0.012	-3.689	-4.665
791	7.90	-3.222	-0.139	3.619	7.162	9.807	11.085	10.686	8.449	6.412	-1.083
801	8.00	-7.336	-13.336	-17.977	-20.334	-19.922	-16.867	-11.696	-5.376	1.150	7.031
811	8.10	11.560	14.125	14.163	11.237	5.250	-3.268	-12.988	-21.882	-27.674	-28.533
821	8.20	-23.723	-14.257	-2.282	9.077	16.952	19.650	17.197	11.269	4.506	-0.504
831	8.30	-2.168	-0.400	3.486	7.410	9.400	8.348	4.347	-1.473	-7.468	-12.127
841	8.40	-14.530	-14.500	-12.432	-8.961	-4.675	0.006	4.750	9.156	12.656	14.581
851	8.50	14.386	11.928	7.617	2.353	-2.762	-6.808	-9.341	-10.454	-10.567	-10.079
861	8.60	-9.061	-7.189	-3.969	0.858	6.930	13.154	17.964	19.887	18.172	13.191
871	8.70	6.403	-0.135	-4.513	-5.659	-3.634	0.264	4.523	7.593	8.647	7.690
881	8.80	5.355	2.483	-0.268	-2.614	-4.586	-6.331	-7.922	-9.317	-10.473	-11.495
891	8.90	-12.689	-14.418	-16.802	-19.441	-21.349	-21.216	-17.959	-11.311	-2.184	7.429
901	9.00	15.029	18.455	16.665	10.113	0.581	-9.458	-17.670	-22.520	-23.529	-21.091
911	9.10	-16.015	-9.068	-0.756	8.563	18.391	27.797	35.385	39.583	39.172	33.820
921	9.20	24.361	12.671	1.152	-7.980	-13.337	-16.681	-12.860	-9.267	-5.447	-2.396
931	9.30	-0.431	0.735	1.447	2.697	3.832	4.517	5.963	1.516	-2.962	-8.920
941	9.40	-15.221	-20.532	-23.820	-24.766	-23.870	-22.224	-20.955	-20.617	-20.828	-20.282
951	9.50	-17.259	-10.409	0.492	14.168	28.051	39.047	44.582	43.517	36.574	26.076
961	9.60	15.123	6.534	1.955	1.488	5.909	7.335	10.010	10.880	9.759	7.101
971	9.70	3.572	-0.328	-4.408	-8.657	-12.972	-16.927	-19.746	-20.521	-18.586	-13.759
981	9.80	-6.680	1.492	9.299	15.381	18.795	19.148	16.599	11.711	5.311	-1.645
991	9.90	-8.180	-13.412	-16.699	-17.786	-16.882	-14.627	-11.881	-9.435	-7.721	-6.678

Table 7—18—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-5.828	-4.564	-2.485	0.345	3.387	5.814	7.037	6.725	5.239	3.351
1011	10.10	1.828	1.256	1.608	2.400	2.936	2.683	1.557	-0.148	-1.769	-2.819
1021	10.20	-3.167	-3.136	-3.321	-4.285	-6.250	-8.976	-11.902	-14.430	-16.219	-17.303
1031	10.30	-17.971	-18.459	-18.631	-17.843	-15.096	-9.453	-0.533	11.118	23.983	35.897
1041	10.40	44.822	48.486	46.847	40.249	30.229	18.889	8.356	0.299	-4.395	-5.746
1051	10.50	-4.591	-2.328	-0.515	-0.445	-2.758	-7.242	-12.880	-18.171	-21.622	-22.236
1061	10.60	-19.824	-14.995	-8.845	-2.685	3.371	8.573	13.388	18.124	22.761	26.672
1071	10.70	28.956	28.669	25.313	19.351	11.900	4.682	-0.846	-3.701	-3.839	-1.959
1081	10.80	0.838	3.484	5.261	5.888	5.402	3.951	1.632	-1.514	-5.411	-9.812
1091	10.90	-14.256	-18.148	-20.964	-22.434	-22.637	-21.946	-20.841	-19.703	-18.665	-17.609
1101	11.00	-16.273	-14.412	-11.925	-8.906	-5.610	-2.374	0.457	2.576	3.747	3.846
1111	11.10	2.914	1.203	-0.852	-2.615	-3.613	-3.516	-2.340	-0.408	1.811	3.920
1121	11.20	5.758	7.425	9.161	11.098	12.840	14.149	14.334	12.997	10.235	6.716
1131	11.30	3.498	1.628	1.697	3.556	6.340	8.789	9.747	8.608	5.533	1.351
1141	11.40	-2.794	-5.878	-7.341	-7.197	-5.915	-4.152	-2.474	-1.191	-0.332	0.255
1151	11.50	0.769	1.346	2.025	2.773	3.521	4.184	4.662	4.829	4.539	3.682
1161	11.60	2.258	0.439	-1.421	-2.859	-3.443	-2.938	-1.621	0.691	2.730	3.969
1171	11.70	3.842	2.136	-0.969	-4.731	-8.434	-11.228	-12.573	-12.364	-10.950	-9.017
1181	11.80	-7.356	-6.600	-7.035	-8.522	-10.577	-12.562	-13.909	-14.299	-13.731	-12.468
1191	11.90	-10.896	-9.352	-8.000	-6.791	-5.519	-3.935	-1.886	0.590	3.226	5.583
1201	12.00	7.172	7.624	6.838	5.081	2.965	1.311	0.909	2.244	5.296	9.480
1211	12.10	13.779	17.043	18.349	17.305	14.180	9.808	5.315	1.761	-0.161	-0.278
1221	12.20	1.101	3.349	5.756	7.715	8.828	8.919	8.001	6.228	3.860	1.242
1231	12.30	-1.239	-3.217	-4.619	-4.739	-4.240	-3.116	-1.610	0.060	1.718	3.187
1241	12.40	4.227	4.503	3.665	1.461	-2.179	-6.617	-11.045	-14.408	-15.807	-14.822
1251	12.50	-11.699	-7.295	-2.798	0.687	2.391	2.258	0.682	-1.637	-4.005	-5.956
1261	12.60	-7.306	-8.062	-8.264	-7.874	-6.781	-4.911	-2.371	0.476	3.079	4.884
1271	12.70	5.574	5.215	4.246	3.294	2.883	3.187	3.952	4.615	4.583	3.555
1281	12.80	1.691	-0.415	-1.979	-2.367	-1.383	0.648	3.017	4.958	5.978	6.067
1291	12.90	5.673	5.462	5.983	7.391	9.358	11.209	12.225	11.953	10.399	8.004
1301	13.00	5.444	3.338	2.019	1.449	1.334	1.226	0.925	0.385	-0.219	-0.636
1311	13.10	-0.686	-0.337	0.315	1.144	2.084	3.158	4.414	5.807	7.102	7.872
1321	13.20	7.631	6.042	3.120	-0.678	-4.535	-7.524	-8.910	-8.420	-6.344	-3.443
1331	13.30	-0.702	0.985	1.081	-0.464	-3.246	-6.573	-9.693	-12.009	-13.216	-13.325
1341	13.40	-12.591	-11.381	-10.027	-8.728	-7.521	-6.341	-5.130	-3.951	-3.034	-2.727
1351	13.50	-3.362	-5.069	-7.644	-10.535	-12.980	-14.252	-13.925	-12.037	-9.078	-5.797
1361	13.60	-2.907	-0.819	0.483	1.366	2.326	3.720	5.590	7.650	9.446	10.586
1371	13.70	10.935	10.667	10.154	9.755	9.613	9.568	9.250	8.178	6.196	3.427
1381	13.80	0.373	-2.256	-3.865	-3.917	-2.695	-0.687	1.270	2.317	1.863	-0.204
1391	13.90	-3.453	-7.011	-9.821	-10.980	-10.048	-7.215	-3.257	0.725	3.704	5.105
1401	14.00	5.027	4.192	3.639	4.280	6.502	9.992	13.861	17.015	18.602	18.342
1411	14.10	16.588	14.102	11.684	9.813	8.495	7.360	5.950	4.017	1.684	-0.623
1421	14.20	-2.423	-3.460	-3.855	-4.044	-4.520	-5.543	-6.954	-8.224	-8.710	-7.991
1431	14.30	-6.104	-3.557	-1.106	0.592	1.266	1.112	0.644	0.371	0.512	0.868
1441	14.40	0.939	0.213	-1.527	-4.043	-6.712	-8.792	-9.751	-9.484	-8.330	-6.878
1451	14.50	-5.879	-5.018	-4.841	-4.880	-4.855	-4.667	-4.442	-4.418	-4.758	-5.384
1461	14.60	-5.956	-6.008	-5.178	-3.420	-1.062	1.301	3.050	3.803	3.558	2.667
1471	14.70	1.454	0.972	0.823	1.109	1.529	1.760	1.615	1.111	0.421	-0.241
1481	14.80	-0.742	-1.075	-1.324	-1.565	-1.782	-1.838	-1.520	-0.689	0.700	2.466
1491	14.90	4.284	5.774	6.629	6.699	6.022	4.788	3.278	1.792	0.605	-0.064

Table 7—18—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.068	0.633	1.965	3.621	5.288	6.524	6.981	6.506	5.210	3.447
1511	15.10	1.699	0.413	-0.168	-0.081	0.384	0.816	0.857	0.362	-0.543	-1.517
1521	15.20	-2.138	-2.083	-1.256	0.175	1.841	3.315	4.255	4.507	4.128	3.317
1531	15.30	2.317	1.307	0.349	-0.604	-1.654	-2.883	-4.290	-5.778	-7.174	-8.278
1541	15.40	-8.917	-8.987	-8.474	-7.459	-6.114	-4.678	-3.422	-2.589	-2.321	-2.605
1551	15.50	-3.244	-3.913	-4.260	-4.056	-3.303	-2.275	-1.431	-1.239	-1.975	-3.581
1561	15.60	-5.651	-7.561	-8.693	-8.663	-7.441	-5.324	-2.786	-0.269	1.972	3.904
1571	15.70	5.630	7.233	8.655	9.686	10.058	9.608	8.405	6.771	5.164	3.992
1581	15.80	3.438	3.404	3.591	3.686	3.537	3.235	3.041	3.213	3.811	4.612
1591	15.90	5.183	5.083	4.102	2.400	0.481	-1.020	-1.608	-1.147	0.087	1.557
1601	16.00	2.726	3.313	3.410	3.409	3.770	4.749	6.232	7.728	8.565	8.161
1611	16.10	6.273	3.113	-0.721	-4.452	-7.329	-9.086	-9.526	-8.979	-7.906	-6.788
1621	16.20	-5.982	-5.669	-5.753	-6.113	-6.480	-6.621	-6.380	-5.719	-4.714	-3.525
1631	16.30	-2.339	-1.306	-0.496	0.109	0.590	1.030	1.462	1.837	2.033	1.909
1641	16.40	1.361	0.378	-0.936	-2.378	-3.695	-4.637	-5.014	-4.759	-3.843	-2.485
1651	16.50	-0.917	0.557	1.660	2.222	2.242	1.908	1.552	1.542	2.158	3.475
1661	16.60	5.326	7.344	9.074	10.124	10.286	9.589	8.279	6.730	5.335	4.410
1671	16.70	4.136	4.525	5.435	6.581	7.581	8.016	7.522	5.895	3.186	-0.268
1681	16.80	-5.892	-7.009	-9.035	-9.650	-8.897	-7.154	-4.999	-3.011	-1.593	-0.871
1691	16.90	-0.718	-0.855	-1.007	-1.017	-0.895	-0.783	-0.864	-1.270	-2.025	-3.043
1701	17.00	-4.181	-5.298	-6.313	-7.221	-8.078	-8.960	-9.916	-10.945	-11.973	-12.871
1711	17.10	-13.467	-13.585	-13.075	-11.867	-10.000	-7.646	-5.103	-2.748	-0.951	0.017
1721	17.20	0.069	-0.662	-1.844	-3.035	-3.799	-3.930	-3.029	-1.516	0.430	2.476
1731	17.30	4.345	5.892	7.115	8.109	8.977	9.752	10.356	10.634	10.431	9.696
1741	17.40	8.548	7.279	6.285	5.931	6.426	7.739	9.605	11.604	13.302	14.581
1751	17.50	14.713	14.373	13.565	12.537	11.490	10.538	9.712	8.996	8.355	7.753
1761	17.60	7.138	6.422	5.476	4.157	2.366	0.118	-2.414	-4.916	-6.995	-8.295
1771	17.70	-8.605	-7.931	-6.507	-4.727	-3.038	-1.828	-1.330	-1.587	-2.465	-3.704
1781	17.80	-5.003	-6.085	-6.768	-6.992	-6.831	-6.461	-6.115	-6.007	-6.279	-6.953
1791	17.90	-7.935	-9.063	-10.172	-11.167	-12.049	-12.899	-13.798	-14.746	-15.595	-16.062
1801	18.00	-15.815	-14.603	-12.388	-9.402	-6.109	-3.060	-0.708	0.740	1.386	1.575
1811	18.10	1.738	2.211	3.015	4.329	5.582	6.593	7.196	7.396	7.324	7.146
1821	18.20	6.957	6.753	6.469	6.068	5.624	5.336	5.459	6.164	7.424	8.971
1831	18.30	10.367	11.172	11.126	10.261	8.893	7.484	6.453	6.009	6.095	6.451
1841	18.40	6.761	6.796	6.490	5.910	5.159	4.275	3.184	1.770	-0.024	-2.089
1851	18.50	-4.125	-5.736	-6.585	-6.562	-5.654	-4.874	-4.094	-3.835	-4.132	-4.740
1861	18.60	-5.268	-5.380	-4.963	-4.163	-3.300	-2.676	-2.417	-2.395	-2.308	-1.844
1871	18.70	-0.871	0.464	1.781	2.623	2.669	1.882	0.532	-0.918	-2.013	-2.493
1881	18.80	-2.390	-1.982	-1.657	-1.725	-2.291	-3.219	-4.214	-4.951	-5.217	-4.980
1891	18.90	-4.386	-3.674	-3.021	-2.701	-2.542	-2.455	-2.242	-1.735	-0.863	0.311
1901	19.00	1.604	2.767	3.561	3.838	3.598	2.992	2.277	1.723	1.512	1.636
1911	19.10	1.985	2.209	2.037	1.305	0.071	-1.387	-2.654	-3.330	-3.173	-2.199
1921	19.20	-0.669	1.009	2.428	3.316	3.619	3.467	3.056	2.676	2.327	1.990
1931	19.30	1.527	0.799	-0.250	-1.554	-2.941	-4.200	-5.158	-5.735	-5.954	-5.911
1941	19.40	-5.718	-5.455	-5.161	-4.744	-4.205	-3.469	-2.516	-1.338	0.008	1.461
1951	19.50	2.930	4.302	5.448	6.239	6.580	6.445	5.894	5.081	4.214	3.504
1961	19.60	3.104	3.065	3.326	3.732	4.081	4.179	3.885	3.143	1.989	0.554
1971	19.70	-0.959	-2.300	-3.218	-3.504	-3.076	-1.998	-0.498	1.075	2.343	3.013
1981	19.80	2.975	2.349	1.445	0.654	0.304	0.534	1.228	2.060	2.611	2.525
1991	19.90	1.647	0.076	-1.873	-3.794	-5.529	-6.285	-6.669	-6.634	-6.378	-6.038

Table 7—18—5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-5.638	-5.109	-4.375	-3.442	-2.458	-1.687	-1.405	-1.705	-2.693	-3.873
2011	20.10	-4.836	-5.136	-4.527	-3.078	-1.152	0.724	2.068	2.631	2.481	1.956
2021	20.20	1.501	1.467	1.959	2.811	3.677	4.206	4.209	3.739	3.061	2.511
2031	20.30	2.344	2.611	3.157	3.698	3.966	3.831	3.353	2.744	2.271	2.144
2041	20.40	2.443	3.111	3.990	4.883	5.604	6.002	5.970	5.461	4.508	3.256
2051	20.50	1.971	0.982	0.591	0.932	1.884	3.061	3.917	3.946	2.885	0.863
2061	20.60	-1.717	-6.136	-5.804	-6.385	-5.925	-4.795	-3.519	-2.550	-2.102	-2.121
2071	20.70	-2.367	-2.578	-2.607	-2.476	-2.323	-2.287	-2.409	-2.591	-2.663	-2.693
2081	20.80	-2.093	-1.644	-1.428	-1.695	-2.526	-3.782	-5.165	-6.261	-6.889	-7.007
2091	20.90	-6.794	-6.525	-6.408	-6.454	-6.450	-6.036	-4.873	-2.813	0.004	3.165
2101	21.00	6.109	8.314	9.462	9.529	8.767	7.586	6.400	5.482	4.899	4.523
2111	21.10	4.124	3.491	2.535	1.332	0.092	-0.932	-1.555	-1.745	-1.639	-1.691
2121	21.20	-1.559	-1.996	-2.768	-3.667	-4.387	-4.652	-4.330	-3.476	-2.300	-1.059
2131	21.30	0.066	1.034	1.957	2.999	4.255	5.664	6.992	7.511	8.140	7.572
2141	21.40	6.331	4.724	3.108	1.750	0.719	-0.099	-0.913	-1.880	-3.002	-4.100
2151	21.50	-4.900	-5.163	-4.806	-3.947	-2.841	-1.757	-0.843	-0.068	0.735	1.748
2161	21.60	3.026	4.421	5.615	6.245	6.076	5.115	3.638	2.071	0.819	0.101
2171	21.70	-0.125	-0.114	-0.187	-0.573	-1.298	-2.190	-2.981	-3.447	-3.521	-3.309
2181	21.80	-3.020	-2.847	-2.855	-2.961	-2.990	-2.786	-2.310	-1.673	-1.080	-0.714
2191	21.90	-0.633	-0.729	-0.777	-0.555	0.037	0.911	1.830	2.511	2.765	2.576
2201	22.00	2.097	1.550	1.103	0.773	0.421	-0.165	-1.133	-2.465	-3.944	-5.227
2211	22.10	-5.976	-5.989	-5.265	-5.983	-2.413	-0.810	0.647	1.862	2.774	3.314
2221	22.20	3.404	2.999	2.161	1.094	0.103	-0.524	-0.664	-0.460	-0.315	-0.745
2231	22.30	-2.159	-4.654	-7.928	-11.356	-14.199	-15.886	-16.183	-15.238	-13.454	-11.275
2241	22.40	-8.991	-6.654	-4.150	-1.359	1.675	4.675	7.195	8.797	9.247	8.631
2251	22.50	7.336	5.908	4.851	4.456	4.745	5.520	6.488	7.388	8.062	8.449
2261	22.60	8.542	8.341	7.844	7.079	6.147	5.226	4.528	4.207	4.278	4.585
2271	22.70	4.355	4.817	4.319	3.409	2.308	1.307	0.633	0.354	0.365	0.463
2281	22.80	0.462	0.285	-0.019	-0.330	-0.558	-0.720	-0.949	-1.420	-2.242	-3.362
2291	22.90	-4.546	-5.447	-5.733	-5.213	-3.904	-2.012	0.153	2.285	4.163	5.671
2301	23.00	6.764	7.417	7.595	7.257	6.400	5.095	3.506	1.854	0.360	-0.821
2311	23.10	-1.662	-2.350	-2.459	-2.700	-2.993	-3.439	-4.123	-5.110	-6.420	-7.983
2321	23.20	-9.616	-11.023	-11.868	-11.881	-10.959	-9.231	-7.022	-4.756	-2.802	-1.350
2331	23.30	-0.370	0.348	1.066	1.968	3.069	4.212	5.143	5.625	5.535	4.907
2341	23.40	3.908	2.757	1.657	0.738	0.062	-0.351	-0.490	-0.334	0.126	0.860
2351	23.50	1.773	2.704	3.473	3.927	3.995	3.707	3.170	2.530	1.914	1.410
2361	23.60	1.054	0.860	0.835	0.990	1.319	1.778	2.260	2.606	2.637	2.218
2371	23.70	1.313	0.007	-1.502	-2.968	-4.162	-4.940	-5.272	-5.233	-4.960	-4.602
2381	23.80	-4.272	-4.032	-3.888	-3.811	-3.756	-3.679	-3.546	-3.339	-3.058	-2.724
2391	23.90	-2.378	-2.070	-1.845	-1.728	-1.708	-1.744	-1.780	-1.770	-1.695	-1.573
2401	24.00	-1.441	-1.332	-1.258	-1.194	-1.105	-0.966	-0.787	-0.626	-0.555	-0.623
2411	24.10	-0.814	-1.028	-1.101	-0.870	-0.231	0.806	2.117	3.503	4.757	5.738
2421	24.20	6.393	6.755	6.893	6.870	6.711	6.419	6.012	5.552	5.156	4.960
2431	24.30	5.058	5.442	5.991	6.501	6.769	6.676	6.238	5.582	4.882	4.258
2441	24.40	3.711	3.124	2.324	1.189	-0.270	-1.880	-3.358	-4.421	-4.897	-4.789
2451	24.50	-4.271	-3.607	-3.047	-2.743	-2.715	-2.877	-3.099	-3.270	-3.326	-3.248
2461	24.60	-3.030	-2.663	-2.135	-1.458	-0.696	0.024	0.539	0.707	0.466	-0.136
2471	24.70	-0.947	-1.777	-2.461	-2.925	-3.195	-3.371	-3.565	-3.844	-4.200	-4.560
2481	24.80	-4.820	-4.892	-4.735	-4.362	-3.828	-3.203	-2.558	-1.947	-1.412	-0.970
2491	24.90	-0.619	-0.330	-0.060	0.239	0.589	0.973	1.337	1.610	1.743	1.740

Table 7—18—6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	1.666	1.624	1.705	1.942	2.290	2.649	2.916	3.043	3.067	3.099
2511	25.10	3.263	3.625	4.144	4.680	5.042	5.069	4.693	3.963	3.012	1.993
2521	25.20	1.014	0.114	-0.726	-1.537	-2.314	-3.003	-3.517	-3.780	-3.769	-3.524
2531	25.30	-3.133	-2.690	-2.259	-1.865	-1.504	-1.167	-0.859	-0.585	-0.330	-0.032
2541	25.40	0.402	1.052	1.925	2.904	3.762	4.234	4.136	3.661	2.612	1.338
2551	25.50	0.583	0.339	0.548	0.924	1.086	0.738	-0.179	-1.460	-2.718	-3.567
2561	25.60	-3.296	-3.465	-2.857	-2.342	-2.193	-2.465	-2.993	-3.491	-3.715	-3.585
2571	25.70	-3.211	-2.817	-2.600	-2.597	-2.653	-2.483	-1.815	-0.538	1.223	3.137
2581	25.80	4.797	5.868	6.217	5.930	5.253	4.472	3.793	3.285	2.893	2.503
2591	25.90	2.019	1.420	0.754	0.106	-0.453	-0.899	-1.253	-1.555	-1.835	-2.092
2601	26.00	-2.301	-2.431	-2.478	-2.466	-2.437	-2.442	-2.510	-2.640	-2.817	-3.018
2611	26.10	-3.218	-3.386	-3.467	-3.383	-3.045	-2.396	-1.466	-0.401	0.549	1.101
2621	26.20	1.046	0.357	-0.766	-1.932	-2.686	-2.672	-1.780	-0.198	1.643	3.236
2631	26.30	4.179	4.327	3.829	3.035	2.341	2.012	2.088	2.403	2.692	2.753
2641	26.40	2.551	2.233	2.039	2.157	2.601	3.180	3.572	3.483	2.794	1.640
2651	26.50	0.360	-0.649	-1.110	-0.986	-0.490	0.032	0.265	0.077	-0.433	-1.005
2661	26.60	-1.366	-1.367	-1.068	-0.683	-0.452	-0.506	-0.784	-1.065	-1.089	-0.705
2671	26.70	0.038	0.901	1.571	1.819	1.612	1.125	0.466	0.476	0.656	1.089
2681	26.80	1.531	1.743	1.625	1.262	0.863	0.626	0.609	0.675	0.563	0.030
2691	26.90	-0.984	-2.291	-3.501	-4.197	-4.133	-3.564	-2.248	-1.290	-0.927	-1.332
2701	27.00	-2.342	-3.542	-4.461	-4.781	-4.464	-3.744	-2.983	-2.481	-2.328	-2.374
2711	27.10	-2.316	-1.870	-0.916	0.437	1.898	3.136	3.925	4.229	4.194	4.047
2721	27.20	3.972	4.019	4.096	4.039	3.718	3.119	2.366	1.655	1.160	0.963
2731	27.30	0.922	0.922	0.760	0.353	-0.239	-0.827	-1.174	-1.104	-0.579	0.277
2741	27.40	1.221	1.975	2.521	2.159	1.532	0.592	-0.449	-1.377	-2.023	-2.299
2751	27.50	-2.200	-1.811	-1.280	-0.783	-0.476	-0.446	-0.680	-1.066	-1.437	-1.639
2761	27.60	-1.597	-1.356	-1.060	-0.889	-0.971	-1.312	-1.781	-2.155	-2.219	-1.854
2771	27.70	-1.103	-0.154	0.729	1.311	1.465	1.208	0.670	0.029	-0.564	-1.025
2781	27.80	-1.333	-1.503	-1.546	-1.461	-1.250	-0.952	-0.666	-0.531	-0.679	-1.167
2791	27.90	-1.924	-2.764	-3.437	-3.728	-3.542	-2.937	-2.089	-1.209	-0.443	0.182
2801	28.00	0.748	1.378	2.144	2.999	3.780	4.267	4.288	3.807	2.951	1.978
2811	28.10	1.172	0.749	0.781	1.192	1.806	2.424	2.894	3.147	3.185	3.052
2821	28.20	2.803	2.487	2.154	1.862	1.684	1.683	1.886	2.260	2.703	3.082
2831	28.30	3.281	3.252	3.033	2.738	2.499	2.406	2.466	2.604	2.696	2.634
2841	28.40	2.375	1.965	1.510	1.129	0.897	0.805	0.764	0.643	0.318	-0.277
2851	28.50	-1.125	-2.133	-3.164	-4.078	-4.771	-5.195	-5.358	-5.317	-5.150	-4.937
2861	28.60	-4.739	-4.589	-4.492	-4.431	-4.383	-4.333	-4.282	-4.248	-4.257	-4.325
2871	28.70	-4.446	-4.590	-4.706	-4.746	-4.682	-4.516	-4.283	-4.033	-3.813	-3.654
2881	28.80	-3.566	-3.533	-3.551	-3.610	-3.703	-3.815	-3.913	-3.939	-3.826	-3.523
2891	28.90	-3.022	-2.371	-1.658	-0.977	-0.385	0.138	0.690	1.410	2.423	3.771
2901	29.00	5.385	7.084	8.634	9.821	10.520	10.729	10.556	10.165	9.708	9.278
2911	29.10	8.889	8.502	8.070	7.577	7.054	6.561	6.140	5.782	5.412	4.914
2921	29.20	4.189	3.211	2.066	0.940	0.061	-0.380	-0.301	0.240	1.067	1.956
2931	29.30	2.708	3.217	3.477	3.550	3.506	3.358	3.069	2.471	1.531	0.218
2941	29.40	-1.560	-2.992	-4.429	-5.474	-6.057	-6.261	-6.283	-6.350	-6.622	-7.128
2951	29.50	-7.762	-8.342	-8.695	-8.743	-8.531	-8.199	-7.894	-7.686	-7.509	-7.178
2961	29.60	-6.474	-5.252	-3.546	-1.594	0.222	1.503	1.980	1.623	0.658	-0.513
2971	29.70	-1.458	-1.872	-1.675	-1.024	-0.227	0.394	0.624	0.453	-0.048	-0.599
2981	29.80	-1.022	-1.219	-1.214	-1.109	-1.008	-0.953	-0.894	-0.722	-0.330	0.317
2991	29.90	1.154	2.036	2.798	3.333	3.634	3.796	3.960	4.246	4.690	5.229

Table 7—18—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	5.726	6.062	6.091	5.880	5.493	5.049	4.646	4.317	4.037	3.748
3011	30.10	3.406	3.007	2.604	2.262	2.021	1.867	1.726	1.494	1.085	0.668
3021	30.20	-0.323	-1.209	-2.104	-2.957	-3.761	-4.533	-5.282	-5.973	-6.524	-6.840
3031	30.30	-6.864	-6.621	-6.226	-5.843	-5.612	-5.578	-5.654	-5.658	-5.392	-4.749
3041	30.40	-3.776	-2.672	-1.710	-1.110	-0.927	-1.016	-1.081	-0.808	-0.008	1.279
3051	30.50	2.796	4.147	4.985	5.128	4.634	3.761	2.842	2.143	1.761	1.616
3061	30.60	1.523	1.312	0.919	0.418	-0.028	-0.263	-0.228	0.013	0.311	0.520
3071	30.70	0.585	0.574	0.669	0.971	1.614	2.510	3.479	4.309	4.860	5.125
3081	30.80	5.226	5.342	5.605	6.018	6.445	6.661	6.459	5.740	4.561	3.113
3091	30.90	1.640	0.352	-0.641	-1.338	-1.814	-2.162	-2.446	-2.681	-2.853	-2.942
3101	31.00	-2.941	-2.860	-2.706	-2.474	-2.142	-1.702	-1.183	-0.672	-0.303	-0.212
3111	31.10	-0.480	-1.084	-1.894	-2.710	-3.330	-3.624	-3.569	-3.246	-2.790	-2.333
3121	31.20	-1.951	-1.650	-1.390	-1.316	-0.200	-0.447	-0.091	0.232	0.499	0.707
3131	31.30	0.854	0.934	0.923	0.794	0.537	0.183	-0.200	-0.516	-0.688	-0.683
3141	31.40	-0.531	-0.312	-0.123	-0.031	-0.056	-0.159	-0.274	-0.340	-0.331	-0.260
3151	31.50	-0.174	-0.119	-0.122	-0.175	-0.247	-0.295	-0.286	-0.201	-0.036	0.213
3161	31.60	0.550	0.981	1.501	2.080	2.657	3.141	3.435	3.462	3.185	2.628
3171	31.70	1.866	1.007	0.167	-0.566	-1.143	-1.573	-1.905	-2.218	-2.583	-3.045
3181	31.80	-3.599	-4.189	-4.724	-5.105	-5.253	-5.137	-4.772	-4.218	-3.550	-2.858
3191	31.90	-2.133	-1.466	-0.851	-0.295	0.196	0.626	1.007	1.364	1.722	2.085
3201	32.00	2.423	2.672	2.753	2.614	2.265	1.794	1.351	1.095	1.130	1.466
3211	32.10	1.998	2.568	3.013	3.238	3.244	3.111	2.944	2.807	2.690	2.521
3221	32.20	2.213	1.731	1.127	0.532	0.098	-0.076	-0.002	0.200	0.350	0.293
3231	32.30	-0.025	-0.534	-1.071	-1.462	-1.597	-1.481	-1.217	-0.952	-0.799	-0.787
3241	32.40	-0.863	-0.933	-0.920	-0.816	-0.667	-0.557	-0.535	-0.580	-0.611	-0.525
3251	32.50	-0.267	0.131	0.548	0.819	0.811	0.681	-0.105	-0.802	-1.457	-1.971
3261	32.60	-2.329	-2.585	-2.810	-3.030	-3.207	-3.249	-3.068	-2.661	-2.038	-1.409
3271	32.70	-0.928	-0.717	-0.793	-1.062	-1.358	-1.510	-1.609	-1.033	-0.441	0.272
3281	32.80	1.014	1.726	2.382	2.967	3.464	3.846	4.092	4.210	4.249	4.285
3291	32.90	4.384	4.564	4.775	4.914	4.877	4.616	4.178	3.696	3.333	3.200
3301	33.00	3.299	3.504	3.612	3.433	2.878	1.999	0.969	-0.008	-0.784	-1.339
3311	33.10	-1.776	-2.253	-2.886	-3.680	-4.511	-5.191	-5.573	-5.637	-5.522	-5.471
3321	33.20	-5.714	-6.350	-7.270	-8.189	-8.748	-8.664	-7.852	-6.462	-4.822	-3.308
3331	33.30	-2.198	-1.582	-1.352	-1.272	-1.097	-0.679	-0.014	0.774	1.503	2.017
3341	33.40	2.244	2.208	2.003	1.746	1.527	1.393	1.351	1.384	1.470	1.587
3351	33.50	1.716	1.831	1.904	1.916	1.866	1.772	1.687	1.668	1.762	1.996
3361	33.60	2.372	2.873	3.473	4.140	4.834	5.500	6.068	6.463	6.629	6.550
3371	33.70	6.264	5.850	5.394	4.950	4.508	3.997	3.318	2.395	1.226	-0.101
3381	33.80	-1.426	-2.575	-3.421	-3.920	-4.122	-4.129	-4.044	-3.931	-3.798	-3.623
3391	33.90	-3.396	-3.146	-2.948	-2.891	-3.029	-3.337	-3.708	-3.990	-4.046	-3.820
3401	34.00	-3.366	-2.829	-2.382	-2.154	-2.179	-2.390	-2.661	-2.872	-2.964	-2.955
3411	34.10	-2.913	-2.897	-2.901	-2.836	-2.562	-1.954	-0.979	0.268	1.572	2.671
3421	34.20	3.368	3.511	3.224	2.678	2.114	1.728	1.611	1.727	1.950	2.128
3431	34.30	2.169	1.980	1.666	1.294	0.957	0.711	0.571	0.519	0.526	0.570
3441	34.40	0.661	0.733	0.839	0.943	1.027	1.086	1.158	1.219	1.371	1.615
3451	34.50	1.932	2.257	2.498	2.559	2.378	1.948	1.312	0.555	-0.230	-0.966
3461	34.60	-1.593	-2.093	-2.458	-2.690	-2.799	-2.800	-2.715	-2.574	-2.409	-2.252
3471	34.70	-2.122	-2.036	-2.002	-2.026	-2.109	-2.235	-2.365	-2.432	-2.358	-2.078
3481	34.80	-1.577	-0.904	-0.173	0.480	0.939	1.160	1.183	1.112	1.059	1.092
3491	34.90	1.199	1.301	1.302	1.153	0.890	0.639	0.556	0.756	1.245	1.906

Table 7—18—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.539	2.945	3.004	2.729	2.251	1.759	1.420	1.315	1.428	1.675
3511	35.10	1.960	2.219	2.436	2.627	2.729	2.733	2.985	2.919	2.760	2.510
3521	35.20	2.322	2.253	2.316	2.432	2.466	2.286	1.836	1.173	0.443	-0.182
3531	35.30	-0.596	-0.806	-0.961	-1.172	-1.623	-2.293	-3.051	-3.685	-4.012	-3.964
3541	35.40	-3.632	-3.229	-2.989	-3.062	-3.445	-3.976	-4.412	-4.526	-4.197	-3.454
3551	35.50	-2.447	-1.389	-0.480	0.149	0.449	0.446	0.211	-0.156	-0.545	-0.839
3561	35.60	-0.929	-0.747	-0.283	0.392	1.141	1.799	2.231	2.380	2.280	2.041
3571	35.70	1.792	1.630	1.585	1.622	1.669	1.664	1.586	1.457	1.321	1.218
3581	35.80	1.157	1.111	1.041	0.917	0.732	0.511	0.287	-0.089	-0.074	-0.213
3591	35.90	-0.345	-0.483	-0.629	-0.780	-0.933	-1.091	-1.259	-1.428	-1.571	-1.637
3601	36.00	-1.578	-1.369	-1.034	-0.645	-0.299	-0.078	-0.010	-0.058	-0.135	-0.153
3611	36.10	-0.063	0.111	0.288	0.364	0.265	-0.018	-0.424	-0.851	-1.206	-1.438
3621	36.20	-1.556	-1.606	-1.649	-1.720	-1.817	-1.914	-1.982	-2.010	-2.010	-2.003
3631	36.30	-1.999	-1.984	-1.924	-1.785	-1.554	-1.255	-0.945	-0.688	-0.534	-0.503
3641	36.40	-0.582	-0.743	-0.961	-1.218	-1.498	-1.770	-1.981	-2.063	-1.963	-1.673
3651	36.50	-1.253	-0.819	-0.498	-0.377	-0.458	-0.644	-0.780	-0.716	-0.368	0.247
3661	36.60	1.021	1.808	2.483	2.989	3.339	3.586	3.773	3.898	3.909	3.739
3671	36.70	3.354	2.786	2.137	1.546	1.128	0.927	0.896	0.925	0.891	0.716
3681	36.80	0.403	0.029	-0.295	-0.480	-0.503	-0.412	-0.306	-0.284	-0.395	-0.612
3691	36.90	-0.839	-0.943	-0.808	-0.375	0.336	1.229	2.184	2.992	3.592	3.899
3701	37.00	3.906	3.658	3.235	2.723	2.201	1.717	1.290	0.907	0.537	0.145
3711	37.10	-0.286	-0.748	-1.198	-1.573	-1.805	-1.845	-1.683	-1.357	-0.940	-0.514
3721	37.20	-0.148	0.129	0.332	0.504	0.685	0.892	1.098	1.269	1.291	1.201
3731	37.30	1.010	0.795	0.642	0.612	0.698	0.828	0.895	0.804	0.521	0.091
3741	37.40	-0.384	-0.790	-1.058	-1.193	-1.261	-1.340	-1.471	-1.617	-1.676	-1.533
3751	37.50	-1.132	-0.519	0.147	0.649	0.801	0.520	0.129	-0.960	-1.741	-2.279
3761	37.60	-2.494	-2.426	-2.207	-1.987	-1.870	-1.879	-1.963	-2.030	-1.998	-1.828
3771	37.70	-1.531	-1.159	-0.776	-0.439	-0.182	-0.010	0.096	0.180	0.299	0.513
3781	37.80	0.860	1.335	1.879	2.388	2.733	2.814	2.584	2.076	1.382	0.614
3791	37.90	-0.129	-0.799	-1.389	-1.914	-2.376	-2.756	-3.012	-3.114	-3.066	-2.912
3801	38.00	-2.721	-2.562	-2.393	-2.215	-1.941	-1.527	-0.997	-0.442	0.017	0.303
3811	38.10	0.437	0.549	0.825	1.408	2.307	3.351	4.241	4.662	4.423	3.550
3821	38.20	2.296	1.044	0.165	-0.124	0.170	0.846	1.614	2.223	2.553	2.632
3831	38.30	2.580	2.528	2.538	2.592	2.619	2.555	2.392	2.178	1.983	1.844
3841	38.40	1.730	1.555	1.225	0.703	0.048	-0.600	-1.076	-1.266	-1.175	-0.927
3851	38.50	-0.707	-0.678	-0.906	-1.532	-1.803	-2.146	-2.252	-2.122	-1.856	-1.599
3861	38.60	-1.463	-1.480	-1.598	-1.673	-1.633	-1.431	-1.118	-0.807	-0.618	-0.617
3871	38.70	-0.798	-1.078	-1.339	-1.487	-1.486	-1.369	-1.217	-1.113	-1.109	-1.197
3881	38.80	-1.323	-1.416	-1.419	-1.321	-1.153	-0.978	-0.860	-0.835	-0.906	-1.062
3891	38.90	-1.200	-1.348	-1.470	-1.575	-1.675	-1.772	-1.869	-1.869	-1.792	-1.591
3901	39.00	-1.273	-0.872	-0.440	-0.026	0.347	0.687	1.027	1.405	1.842	2.334
3911	39.10	2.849	3.348	3.799	4.193	4.547	4.882	5.212	5.521	5.767	5.887
3921	39.20	5.827	5.563	5.107	4.511	3.844	3.171	2.533	1.938	1.377	0.832
3931	39.30	0.301	-0.193	-0.608	-0.898	-1.031	-1.012	-0.887	-0.729	-0.614	-0.594
3941	39.40	-0.675	-0.808	-0.913	-0.910	-0.757	-0.471	-0.126	0.174	0.365	0.360
3951	39.50	0.265	0.166	0.170	0.335	0.624	0.904	0.989	0.714	0.003	-1.086
3961	39.60	-2.377	-3.630	-4.629	-5.250	-5.495	-5.470	-5.336	-5.234	-5.242	-5.361
3971	39.70	-5.536	-5.701	-5.812	-5.863	-5.827	-5.878	-5.875	-5.857	-5.796	-5.672
3981	39.80	-5.485	-5.247	-4.976	-4.672	-4.316	-3.875	-3.329	-2.695	-2.036	-1.447
3991	39.90	-1.020	-0.798	-0.754	-0.784	-0.735	-0.457	0.148	1.094	2.304	3.628

Table 7—18—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	4.879	5.881	6.504	6.693	6.475	5.956	5.297	4.672	4.224	4.025
4011	40.10	4.056	4.212	4.349	4.335	4.112	3.719	3.280	2.950	2.855	3.037
4021	40.20	3.436	3.513	4.326	4.568	4.615	4.515	4.348	4.174	4.001	3.785
4031	40.30	3.466	3.016	2.481	1.971	1.226	1.568	1.748	2.124	2.488	2.635
4041	40.40	2.415	1.790	0.841	-0.264	-1.335	-2.219	-2.864	-3.216	-3.392	-3.446
4051	40.50	-3.435	-3.389	-3.318	-3.233	-3.157	-3.121	-3.158	-3.277	-3.457	-3.641
4061	40.60	-3.758	-3.741	-3.554	-3.201	-2.733	-2.228	-1.727	-1.460	-1.325	-1.376
4071	40.70	-1.570	-1.822	-2.027	-2.085	-1.928	-1.543	-0.976	-0.312	0.369	0.926
4081	40.80	1.365	1.736	2.023	2.296	2.585	2.888	3.182	3.438	3.639	3.790
4091	40.90	3.904	3.980	3.993	3.889	3.610	3.128	2.476	1.752	1.088	0.606
4101	41.00	0.360	0.314	0.351	0.327	0.136	-0.244	-0.735	-1.200	-1.506	-1.588
4111	41.10	-1.473	-1.267	-1.090	-1.016	-1.030	-1.037	-0.913	-0.580	-0.056	0.532
4121	41.20	0.990	1.136	0.873	0.228	-0.657	-1.582	-2.363	-2.885	-3.128	-3.143
4131	41.30	-3.007	-2.786	-2.507	-2.183	-1.819	-1.447	-1.125	-0.917	-0.860	-0.940
4141	41.40	-1.088	-1.260	-1.188	-1.009	-0.691	-0.317	0.009	0.206	0.249	0.170
4151	41.50	0.043	-0.060	-0.095	-0.067	-0.019	-0.006	-0.065	-0.198	-0.366	-0.512
4161	41.60	-0.585	-0.563	-0.467	-0.347	-0.261	-0.247	-0.307	-0.397	-0.449	-0.392
4171	41.70	-0.185	0.165	0.602	1.042	1.398	1.616	1.691	1.668	1.621	1.618
4181	41.80	1.695	1.832	1.967	2.017	1.917	1.650	1.257	0.828	0.468	0.257
4191	41.90	0.220	0.321	0.476	0.589	0.595	0.485	0.313	0.178	0.185	0.400
4201	42.00	0.820	1.370	1.921	2.332	2.501	2.396	2.067	1.619	1.177	0.833
4211	42.10	0.614	0.481	0.350	0.136	-0.204	-0.647	-1.116	-1.514	-1.765	-1.853
4221	42.20	-1.831	-1.796	-1.849	-2.053	-2.405	-2.837	-3.245	-3.530	-3.630	-3.542
4231	42.30	-3.310	-3.010	-2.720	-2.498	-2.371	-2.339	-2.370	-2.418	-2.428	-2.350
4241	42.40	-2.158	-1.865	-1.531	-1.248	-1.118	-1.209	-1.522	-1.979	-2.446	-2.773
4251	42.50	-2.854	-2.666	-2.275	-1.801	-1.362	-1.026	-0.780	-0.549	-0.241	0.201
4261	42.60	0.764	1.372	1.920	2.329	2.580	2.725	2.841	3.006	3.260	3.501
4271	42.70	3.712	3.802	3.747	3.585	3.397	3.261	3.215	3.236	3.253	3.193
4281	42.80	3.015	2.742	2.446	2.213	2.108	2.139	2.269	2.436	2.597	2.765
4291	42.90	2.906	3.113	3.364	3.603	3.729	3.636	3.262	2.628	1.839	1.050
4301	43.00	0.404	-0.025	-0.255	-0.388	-0.550	-0.839	-1.225	-1.794	-2.285	-2.636
4311	43.10	-2.791	-2.770	-2.652	-2.539	-2.503	-2.561	-2.667	-2.747	-2.737	-2.613
4321	43.20	-2.404	-2.174	-1.987	-1.877	-1.835	-1.823	-1.802	-1.759	-1.717	-1.732
4331	43.30	-1.853	-2.094	-2.416	-2.733	-2.947	-2.992	-2.865	-2.634	-2.410	-2.302
4341	43.40	-2.366	-2.582	-2.855	-3.057	-3.074	-2.846	-2.390	-1.782	-1.122	-0.499
4351	43.50	0.041	0.497	0.892	1.256	1.599	1.909	2.161	2.333	2.424	2.455
4361	43.60	2.466	2.498	2.580	2.723	2.924	3.170	3.444	3.726	3.991	4.212
4371	43.70	4.353	4.388	4.307	4.128	3.895	3.664	3.485	3.381	3.340	3.317
4381	43.80	3.256	3.106	2.849	2.501	2.107	1.726	1.410	1.189	1.063	1.003
4391	43.90	0.956	0.856	0.639	0.258	-0.303	-1.011	-1.788	-2.519	-3.080	-3.377
4401	44.00	-3.375	-3.118	-2.716	-2.313	-2.035	-1.954	-2.061	-2.285	-2.528	-2.710
4411	44.10	-2.805	-2.843	-2.892	-3.007	-3.201	-3.421	-3.575	-3.566	-3.337	-2.917
4421	44.20	-2.398	-1.916	-1.587	-1.470	-1.563	-1.713	-1.867	-1.910	-1.806	-1.579
4431	44.30	-1.289	-1.002	-0.752	-0.531	-0.307	-0.045	0.265	0.594	0.894	1.114
4441	44.40	1.232	1.261	1.244	1.226	1.233	1.260	1.277	1.252	1.177	1.076
4451	44.50	1.000	1.000	1.106	1.301	1.536	1.746	1.881	1.925	1.900	1.849
4461	44.60	1.812	1.809	1.842	1.903	1.993	2.131	2.338	2.625	2.964	3.287
4471	44.70	3.504	3.539	3.369	3.035	2.630	2.254	1.967	1.750	1.517	1.160
4481	44.80	0.603	-0.145	-0.987	-1.768	-2.353	-2.681	-2.800	-2.842	-2.959	-3.248
4491	44.90	-3.700	-4.204	-4.593	-4.722	-4.536	-4.092	-3.531	-3.019	-2.672	-2.514

Table 7—18—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 48.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.484	-2.468	-2.369	-2.145	-1.826	-1.493	-1.232	-1.090	-1.060	-1.082
4511	45.10	-1.083	-1.003	-0.827	-0.583	-0.324	-0.109	0.024	0.066	0.031	-0.053
4521	45.20	-0.157	-0.254	-0.320	-0.332	-0.270	-0.120	0.116	0.416	0.763	1.045
4531	45.30	1.276	1.408	1.438	1.392	1.312	1.248	1.237	1.299	1.430	1.607
4541	45.40	1.799	1.971	2.101	2.177	2.203	2.190	2.154	2.104	2.045	1.980
4551	45.50	1.910	1.844	1.798	1.793	1.844	1.955	2.107	2.263	2.371	2.386
4561	45.60	2.277	2.042	1.706	1.314	0.917	0.555	0.265	0.037	-0.136	-0.276
4571	45.70	-0.400	-0.515	-0.616	-0.691	-0.727	-0.720	-0.680	-0.626	-0.581	-0.558
4581	45.80	-0.552	-0.537	-0.473	-0.326	-0.085	0.219	0.518	0.719	0.743	0.557
4591	45.90	0.191	-0.263	-0.678	-0.963	-0.999	-0.866	-0.633	-0.425	-0.353	-0.469
4601	46.00	-0.752	-1.121	-1.468	-1.706	-1.794	-1.747	-1.618	-1.466	-1.339	-1.256
4611	46.10	-1.223	-1.245	-1.339	-1.534	-1.854	-2.295	-2.811	-3.321	-3.731	-3.969
4621	46.20	-4.020	-3.925	-3.770	-3.641	-3.589	-3.602	-3.615	-3.537	-3.301	-2.893
4631	46.30	-2.363	-1.805	-1.314	-0.950	-0.715	-0.560	-0.417	-0.231	0.011	0.281
4641	46.40	0.529	0.715	0.834	0.919	1.022	1.185	1.418	1.691	1.951	2.148
4651	46.50	2.265	2.322	2.365	2.436	2.551	2.685	2.791	2.826	2.780	2.687
4661	46.60	2.611	2.613	2.713	2.879	3.037	3.107	3.045	2.870	2.654	2.488
4671	46.70	2.436	2.485	2.569	2.579	2.428	2.095	1.642	1.191	0.868	0.745
4681	46.80	0.812	0.982	1.133	1.168	1.056	0.839	0.609	0.457	0.428	0.505
4691	46.90	0.625	0.711	0.708	0.606	0.436	0.240	0.050	-0.127	-0.302	-0.490
4701	47.00	-0.685	-0.860	-0.976	-1.005	-0.949	-0.845	-0.748	-0.705	-0.730	-0.797
4711	47.10	-0.853	-0.844	-0.742	-0.556	-0.326	-0.099	0.097	0.259	0.410	0.571
4721	47.20	0.750	0.927	1.063	1.123	1.097	1.008	0.900	0.823	0.801	0.823
4731	47.30	0.852	0.837	0.767	0.578	0.356	0.115	-0.117	-0.340	-0.572	-0.839
4741	47.40	-1.153	-1.499	-1.841	-2.130	-2.333	-2.442	-2.473	-2.458	-2.421	-2.372
4751	47.50	-2.297	-2.181	-2.018	-1.826	-1.644	-1.520	-1.490	-1.562	-1.709	-1.884
4761	47.60	-2.030	-2.105	-2.088	-1.982	-1.804	-1.581	-1.343	-1.123	-0.954	-0.865
4771	47.70	-0.873	-0.967	-1.111	-1.262	-1.298	-1.239	-1.068	-0.837	-0.624	-0.505
4781	47.80	-0.516	-0.642	-0.813	-0.941	-0.952	-0.818	-0.566	-0.252	0.054	0.311
4791	47.90	0.513	0.683	0.850	1.025	1.192	1.323	1.400	1.435	1.478	1.596
4801	48.00	1.843	2.221	2.673	3.097	3.386	3.475	3.369	3.141	2.903	2.750
4811	48.10	2.727	2.808	2.916	2.966	2.905	2.734	2.504	2.281	2.113	2.001
4821	48.20	1.900	1.747	1.492	1.128	0.692	0.250	-0.136	-0.433	-0.651	-0.828
4831	48.30	-1.008	-1.218	-1.457	-1.702	-1.927	-2.122	-2.297	-2.479	-2.694	-2.949
4841	48.40	-3.229	-3.500	-3.729	-3.898	-4.013	-4.092	-4.158	-4.216	-4.253	-4.244
4851	48.50	-4.168	-4.022	-3.832	-3.660	-3.489	-3.398	-3.349	-3.299	-3.191	-2.981
4861	48.60	-2.662	-2.261	-1.831	-1.431	-1.098	-0.838	-0.632	-0.451	-0.273	-0.105
4871	48.70	0.023	0.076	0.024	-0.116	-0.294	-0.429	-0.435	-0.259	0.105	0.603
4881	48.80	1.143	1.629	1.994	2.226	2.371	2.511	2.729	3.078	3.558	4.122
4891	48.90	4.699	5.222	5.657	6.009	6.308	6.585	6.847	7.069	7.195	7.168
4901	49.00	6.958	6.525	6.075	5.540	5.048	4.653	4.367	4.165	4.006	3.848
4911	49.10	3.667	3.458	3.231	2.996	2.756	2.497	2.199	1.837	1.395	0.871
4921	49.20	0.284	-0.324	-0.894	-1.364	-1.680	-1.824	-1.825	-1.747	-1.722	-1.968
4931	49.30	-2.447	-3.224	-4.228	-5.308	-6.284	-6.999	-7.366	-7.389	-7.150	-6.769
4941	49.40	-6.356	-5.971	-5.622	-5.280	-4.911	-4.508	-4.096	-3.723	-3.430	-3.223
4951	49.50	-3.068	-2.901	-2.657	-2.304	-1.857	-1.376	-0.945	-0.634	-0.480	-0.471
4961	49.60	-0.555	-0.685	-0.737	-0.728	-0.622	-0.425	-0.163	0.131	0.421	0.670
4971	49.70	0.852	0.960	1.008	1.034	1.083	1.191	1.366	1.581	1.780	1.901
4981	49.80	1.904	1.790	1.601	1.406	1.267	1.216	1.239	1.291	1.323	1.308
4991	49.90	1.264	1.247	1.326	1.547	1.909	2.357	2.803	3.164	3.388	3.480

Table 7—18—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1111 907-GR-1-140 LG. (NB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	3.489	3.485	3.523	3.626	3.773	3.914	3.997	3.978	5.837	3.573
5011	50.10	3.196	2.712	2.169	1.560	0.963	0.425	0.044	-0.181	-0.292	-0.392
5021	50.20	-0.609	-1.049	-1.739	-2.602	-3.468	-4.126	-4.406	-4.239	-3.692	-2.941
5031	50.30	-2.208	-1.678	-1.436	-1.456	-1.614	-1.770	-1.824	-1.756	-1.619	-1.502
5041	50.40	-1.476	-1.555	-1.692	-1.808	-1.838	-1.770	-1.656	-1.581	-1.636	-1.857
5051	50.50	-2.212	-2.610	-2.940	-3.111	-3.084	-2.880	-2.557	-2.180	-1.792	-1.602
5061	50.60	-1.021	-0.636	-0.267	0.040	0.242	0.312	0.263	0.168	0.036	-0.013
5071	50.70	0.023	0.120	0.222	0.274	0.252	0.182	0.126	0.159	0.328	0.629
5081	50.80	1.000	1.352	1.600	1.699	1.660	1.543	1.423	1.358	1.370	1.439
5091	50.90	1.520	1.577	1.595	1.591	1.598	1.645	1.739	1.860	1.970	2.038
5101	51.00	2.056	2.035	2.009	1.996	1.987	1.941	1.800	1.523	1.109	0.617
5111	51.10	0.148	-0.186	-0.308	-0.206	0.060	0.378	0.630	0.732	0.663	0.463
5121	51.20	0.206	-0.030	-0.202	-0.310	-0.385	-0.470	-0.595	-0.759	-0.939	-1.106
5131	51.30	-1.229	-1.314	-1.377	-1.440	-1.518	-1.608	-1.688	-1.732	-1.720	-1.653
5141	51.40	-1.547	-1.527	-1.310	-1.193	-1.057	-0.872	-0.616	-0.291	0.076	0.432
5151	51.50	0.719	0.895	0.941	0.880	0.753	0.613	0.504	0.448	0.442	0.467
5161	51.60	0.499	0.519	0.521	0.511	0.497	0.487	0.479	0.466	0.443	0.416
5171	51.70	0.410	0.458	0.594	0.830	1.150	1.500	1.809	2.007	2.051	1.945
5181	51.80	1.732	1.481	1.255	1.087	0.963	0.837	0.651	0.372	0.007	-0.392
5191	51.90	-0.767	-0.991	-1.102	-1.118	-1.128	-1.239	-1.539	-2.016	-2.630	-3.241
5201	52.00	-3.695	-3.869	-3.715	-3.279	-2.688	-2.105	-1.674	-1.475	-1.498	-1.657
5211	52.10	-1.831	-1.916	-1.865	-1.705	-1.516	-1.394	-1.396	-1.513	-1.673	-1.773
5221	52.20	-1.727	-1.515	-1.192	-0.868	-0.660	-0.634	-0.768	-0.962	-1.075	-0.992
5231	52.30	-0.672	-0.172	0.375	0.821	1.062	1.077	0.936	0.756	0.652	0.683
5241	52.40	0.838	1.069	1.230	1.316	1.291	1.182	1.038	0.905	0.802	0.734
5251	52.50	0.699	0.707	0.788	0.976	1.293	1.727	2.233	2.752	3.232	3.657
5261	52.60	4.067	4.441	4.868	5.316	5.732	6.041	6.176	6.116	5.897	5.590
5271	52.70	5.269	4.971	4.673	4.309	3.806	3.125	2.295	1.402	0.561	-0.140
5281	52.80	-0.667	-1.053	-1.369	-1.679	-2.004	-2.304	-2.499	-2.513	-2.316	-1.945
5291	52.90	-1.491	-1.067	-0.762	-0.610	-0.588	-0.644	-0.733	-0.842	-0.998	-1.243
5301	53.00	-1.606	-2.072	-2.583	-3.055	-3.415	-3.633	-3.734	-3.781	-3.848	-3.978
5311	53.10	-4.164	-4.359	-4.492	-4.507	-4.387	-4.156	-3.867	-3.573	-3.305	-3.068
5321	53.20	-2.845	-2.616	-2.374	-2.132	-1.909	-1.717	-1.547	-1.367	-1.161	-0.846
5331	53.30	-0.495	-0.138	0.154	0.317	0.329	0.219	0.070	-0.015	0.052	0.313
5341	53.40	0.751	1.299	1.866	2.376	2.773	3.056	3.261	3.356	3.424	3.451
5351	53.50	3.437	3.379	3.285	3.175	3.067	2.973	2.887	2.787	2.652	2.474
5361	53.60	2.273	2.091	1.978	1.966	2.047	2.164	2.230	2.151	1.872	1.396
5371	53.70	0.790	0.167	-0.353	-0.680	-0.788	-0.709	-0.522	-0.318	-0.167	-0.106
5381	53.80	-0.133	-0.224	-0.354	-0.511	-0.704	-0.968	-1.258	-1.632	-2.049	-2.466
5391	53.90	-2.835	-3.104	-3.233	-3.193	-2.975	-2.590	-2.075	-1.498	-0.950	-0.529
5401	54.00	-0.319	-0.363	-0.647	-1.097	-1.605	-2.053	-2.354	-2.474	-2.431	-2.281
5411	54.10	-2.090	-1.907	-1.757	-1.639	-1.545	-1.472	-1.427	-1.422	-1.455	-1.502
5421	54.20	-1.518	-1.456	-1.289	-1.031	-0.760	-0.495	-0.357	-0.363	-0.402	-0.436
5431	54.30	-0.338	-0.038	0.457	1.084	1.655	2.102	2.336	2.366	2.261	2.133
5441	54.40	2.063	2.075	2.130	2.155	2.080	1.885	1.609	1.335	1.154	1.113
5451	54.50	1.200	1.346	1.456	1.454	1.321	1.099	0.872	0.730	0.724	0.852
5461	54.60	1.059	1.246	1.407	1.522	1.515	1.338	1.244	1.217	1.191	1.158
5471	54.70	1.097	1.002	0.900	0.831	0.830	0.901	1.005	1.071	1.021	0.807
5481	54.80	0.432	-0.044	-0.529	-0.925	-1.170	-1.253	-1.211	-1.101	-0.974	-0.850
5491	54.90	-0.714	-0.531	-0.272	0.060	0.423	0.750	0.971	1.046	0.974	0.795

Table 7—18—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1111 907-GR-1-140 LG. (NB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.570	0.358	0.191	0.073	-0.010	-0.082	-0.157	-0.241	-0.353	-0.439
5511	55.10	-0.572	-0.752	-0.987	-1.268	-1.555	-1.795	-1.938	-1.963	-1.893	-1.784
5521	55.20	-1.708	-1.715	-1.807	-1.935	-2.014	-1.958	-1.722	-1.319	-0.822	-0.339
5531	55.30	0.028	0.217	0.228	0.112	-0.049	-0.174	-0.213	-0.155	-0.021	0.149
5541	55.40	0.322	0.483	0.634	0.790	0.962	1.148	1.327	1.463	1.523	1.485
5551	55.50	1.353	1.157	0.942	0.756	0.628	0.565	0.543	0.526	0.478	0.386
5561	55.60	0.263	0.147	0.081	0.097	0.198	0.351	0.505	0.607	0.626	0.561
5571	55.70	0.443	0.316	0.221	0.179	0.188	0.226	0.273	0.313	0.341	0.358
5581	55.80	0.363	0.346	0.292	0.190	0.041	-0.133	-0.239	-0.428	-0.507	-0.549
5591	55.90	-0.588	-0.662	-0.788	-0.954	-1.115	-1.214	-1.208	-1.090	-0.898	-0.698
5601	56.00	-0.562	-0.536	-0.623	-0.784	-0.956	-1.080	-1.121	-1.080	-0.983	-0.866
5611	56.10	-0.755	-0.656	-0.558	-0.446	-0.316	-0.182	-0.076	-0.036	-0.088	-0.234
5621	56.20	-0.469	-0.688	-0.899	-1.039	-1.086	-1.042	-0.928	-0.776	-0.617	-0.470
5631	56.30	-0.346	-0.241	-0.147	-0.057	0.036	0.133	0.233	0.332	0.429	0.523
5641	56.40	0.610	0.686	0.744	0.775	0.776	0.747	0.700	0.648	0.604	0.576
5651	56.50	0.558	0.540	0.506	0.446	0.359	0.251	0.133	0.015	-0.100	-0.211
5661	56.60	-0.317	-0.407	-0.461	-0.455	-0.371	-0.211	0.000	0.223	0.417	0.560
5671	56.70	0.662	0.757	0.891	1.096	1.372	1.686	1.982	2.204	2.320	2.331
5681	56.80	2.262	2.144	1.996	1.806	1.563	1.257	0.905	0.555	0.276	0.124
5691	56.90	0.116	0.225	0.383	0.517	0.585	0.580	0.551	0.550	0.612	0.727
5701	57.00	0.842	0.891	0.827	0.653	0.423	0.215	0.094	0.076	0.116	0.134
5711	57.10	0.055	-0.193	-0.585	-1.005	-1.427	-1.764	-1.986	-2.108	-2.165	-2.187
5721	57.20	-2.181	-2.134	-2.028	-1.858	-1.646	-1.433	-1.263	-1.159	-1.114	-1.099
5731	57.30	-1.082	-1.048	-1.007	-0.987	-1.012	-1.085	-1.177	-1.243	-1.244	-1.171
5741	57.40	-1.054	-0.949	-0.910	-0.958	-1.074	-1.204	-1.289	-1.295	-1.231	-1.142
5751	57.50	-1.083	-1.086	-1.160	-1.193	-1.179	-1.049	-0.798	-0.467	-0.127	0.160
5761	57.60	0.363	0.496	0.605	0.740	0.929	1.165	1.416	1.638	1.802	1.907
5771	57.70	1.970	2.019	2.066	2.103	2.107	2.051	1.928	1.758	1.586	1.465
5781	57.80	1.435	1.505	1.648	1.813	1.942	1.992	1.947	1.821	1.652	1.485
5791	57.90	1.366	1.324	1.376	1.516	1.727	1.973	2.207	2.372	2.408	2.266
5801	58.00	1.923	1.397	0.750	0.083	-0.491	-0.877	-1.035	-0.997	-0.862	-0.765
5811	58.10	-0.827	-1.111	-1.588	-2.153	-2.656	-2.973	-3.049	-2.928	-2.727	-2.586
5821	58.20	-2.604	-2.288	-3.052	-3.250	-3.245	-2.966	-2.444	-1.998	-1.178	-0.725
5831	58.30	-0.502	-0.497	-0.637	-0.858	-1.030	-1.185	-1.300	-1.376	-1.605	-1.357
5841	58.40	-1.218	-0.996	-0.738	-0.522	-0.424	-0.473	-0.637	-0.820	-0.903	-0.795
5851	58.50	-0.474	0.002	0.520	0.953	1.218	1.300	1.248	1.146	1.072	1.049
5861	58.60	1.132	1.227	1.307	1.339	1.311	1.226	1.094	0.926	0.734	0.536
5871	58.70	0.356	0.228	0.163	0.153	0.166	0.153	0.079	-0.069	-0.179	-0.221
5881	58.80	-0.088	0.268	0.823	1.482	2.114	2.595	2.852	2.883	2.762	2.507
5891	58.90	2.243	1.979	1.711	1.424	1.113	0.802	0.530	0.333	0.221	0.165
5901	59.00	0.116	0.025	-0.126	-0.315	-0.495	-0.621	-0.680	-0.705	-0.755	-0.878
5911	59.10	-1.082	-1.309	-1.456	-1.421	-1.149	-0.677	-0.122	0.356	0.613	0.585
5921	59.20	0.305	-0.110	-0.515	-0.797	-0.915	-0.909	-0.867	-0.874	-0.971	-1.130
5931	59.30	-1.280	-1.335	-1.243	-1.009	-0.688	-0.363	-0.104	0.056	0.128	0.152
5941	59.40	0.171	0.210	0.265	0.316	0.344	0.343	0.330	0.326	0.345	0.376
5951	59.50	0.385	0.329	0.175	-0.076	-0.387	-0.697	-0.942	-1.084	-1.122	-1.089
5961	59.60	-1.032	-0.990	-0.973	-0.960	-0.913	-0.796	-0.594	-0.522	-0.018	0.275
5971	59.70	0.523	0.716	0.853	0.953	1.019	1.045	1.016	0.921	0.765	0.581
5981	59.80	0.420	0.334	0.360	0.494	0.688	0.864	0.934	0.838	0.561	0.150
5991	59.90	-0.301	-0.675	-0.869	-0.826	-0.554	-0.119	0.377	0.827	1.161	1.358

Table 7—18—13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6001	60.00	1.454	1.517	1.613	1.778	1.997	2.205	2.318	2.258	1.992	1.544
6011	60.10	0.988	0.426	-0.043	-0.366	-0.529	-0.574	-0.570	-0.558	-0.675	-0.840
6021	60.20	-1.057	-1.276	-1.431	-1.486	-1.415	-1.243	-1.013	-0.766	-0.618	-0.563
6031	60.30	-0.563	-0.669	-0.753	-0.831	-0.858	-0.838	-0.799	-0.775	-0.786	-0.820
6041	60.40	-0.845	-0.811	-0.682	-0.457	-0.176	0.093	0.282	0.367	0.292	0.159
6051	60.50	0.011	-0.104	-0.171	-0.211	-0.269	-0.377	-0.532	-0.687	-0.768	-0.759
6061	60.60	-0.485	-0.136	0.252	0.562	0.711	0.677	0.511	0.311	0.182	0.136
6071	60.70	0.320	0.504	0.632	0.612	0.432	0.125	-0.194	-0.403	-0.420	-0.235
6081	60.80	0.088	0.439	0.716	0.869	0.714	0.930	0.993	1.152	1.383	1.693
6091	60.90	1.704	1.610	1.318	0.907	0.510	0.252	0.193	0.302	0.463	0.538
6101	61.00	0.419	0.089	-0.379	-0.856	-1.207	-1.366	-1.364	-1.216	-1.073	-0.973
6111	61.10	-0.911	-0.833	-0.670	-0.398	-0.058	0.249	0.408	0.342	0.056	-0.358
6121	61.20	-0.764	-1.032	-1.098	-0.980	-0.766	-0.570	-0.475	-0.510	-0.641	-0.803
6131	61.30	-0.929	-0.985	-0.969	-0.909	-0.835	-0.761	-0.687	-0.595	-0.470	-0.301
6141	61.40	-0.088	0.162	0.439	0.725	0.994	1.207	1.318	1.294	1.129	0.856
6151	61.50	0.537	0.244	0.026	-0.113	-0.211	-0.326	-0.489	-0.700	-0.898	-1.000
6161	61.60	-0.943	-0.720	-0.394	-0.075	0.133	0.173	0.071	-0.088	-0.198	-0.189
6171	61.70	-0.066	0.099	0.201	0.153	-0.066	-0.416	-0.796	-1.115	-1.322	-1.420
6181	61.80	-1.453	-1.472	-1.500	-1.522	-1.500	-1.396	-1.206	-0.962	-0.719	-0.528
6191	61.90	-0.407	-0.343	-0.298	-0.241	-0.166	-0.091	-0.046	-0.042	-0.058	-0.042
6201	62.00	0.061	0.278	0.584	0.905	1.143	1.225	1.117	0.865	0.546	0.254
6211	62.10	0.054	-0.034	-0.029	0.031	0.115	0.215	0.331	0.481	0.663	0.862
6221	62.20	1.055	1.225	1.374	1.517	1.672	1.841	1.999	2.100	2.094	1.956
6231	62.30	1.697	1.369	1.044	0.786	0.631	0.573	0.577	0.596	0.593	0.550
6241	62.40	0.468	0.363	0.250	0.144	0.062	0.027	0.065	0.198	0.432	0.745
6251	62.50	1.084	1.387	1.594	1.676	1.639	1.521	1.375	1.237	1.120	1.005
6261	62.60	0.854	0.633	0.323	-0.054	-0.493	-0.912	-1.269	-1.524	-1.653	-1.555
6271	62.70	-1.553	-1.390	-1.218	-1.091	-1.041	-1.069	-1.138	-1.189	-1.159	-1.009
6281	62.80	-0.740	-0.394	-0.038	0.266	0.474	0.587	0.621	0.599	0.528	0.397
6291	62.90	0.185	-0.110	-0.461	-0.803	-1.066	-1.196	-1.194	-1.114	-1.042	-1.051
6301	63.00	-1.167	-1.361	-1.478	-1.474	-1.272	-0.893	-0.436	-0.022	0.236	0.304
6311	63.10	0.228	0.109	0.054	0.122	0.305	0.536	0.732	0.838	0.857	0.843
6321	63.20	0.868	0.978	1.162	1.352	1.455	1.396	1.154	0.778	0.361	0.006
6331	63.30	-0.215	-0.287	-0.268	-0.162	-0.088	-0.056	-0.063	-0.082	-0.089	-0.073
6341	63.40	-0.042	-0.017	-0.013	-0.033	-0.063	-0.084	-0.084	-0.068	-0.060	-0.090
6351	63.50	-0.181	-0.338	-0.562	-0.761	-0.957	-1.103	-1.186	-1.205	-1.166	-1.077
6361	63.60	-0.960	-0.758	-0.537	-0.291	-0.042	0.187	0.378	0.529	0.646	0.763
6371	63.70	0.831	0.907	0.956	0.950	0.873	0.715	0.489	0.226	-0.035	-0.250
6381	63.80	-0.397	-0.466	-0.455	-0.372	-0.234	-0.052	0.154	0.359	0.535	0.644
6391	63.90	0.670	0.611	0.490	0.351	0.244	0.204	0.242	0.336	0.439	0.497
6401	64.00	0.467	0.332	0.103	-0.186	-0.491	-0.772	-1.000	-1.160	-1.249	-1.270
6411	64.10	-1.232	-1.150	-1.041	-0.922	-0.807	-0.698	-0.586	-0.452	-0.278	-0.062
6421	64.20	0.173	0.380	0.501	0.485	0.314	0.012	-0.354	-0.697	-0.937	-1.027
6431	64.30	-0.968	-0.805	-0.610	-0.457	-0.395	-0.437	-0.561	-0.722	-0.870	-0.967
6441	64.40	-0.994	-0.954	-0.860	-0.730	-0.578	-0.407	-0.216	0.005	0.259	0.548
6451	64.50	0.859	1.173	1.462	1.697	1.854	1.916	1.880	1.759	1.576	1.362
6461	64.60	1.149	0.964	0.825	0.734	0.680	0.641	0.593	0.518	0.415	0.296
6471	64.70	0.190	0.123	0.116	0.168	0.257	0.353	0.427	0.468	0.485	0.504
6481	64.80	0.555	0.608	0.667	0.672	0.575	0.354	0.032	-0.328	-0.646	-0.858
6491	64.90	-0.949	-0.957	-0.955	-1.016	-1.173	-1.396	-1.608	-1.722	-1.682	-1.501

Table 7—18—14 TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1111 907-GR-1-140 LG. (HB.) TAIRA BRIDGE MAX. ACC. = 68.486 (GAL) T= 10.42 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6501	65.00	-1.257	-1.054	-0.928	-1.044	-1.192	-1.308	-1.279	-1.061	-0.691	-0.287
6511	65.10	0.009	0.093	-0.056	-0.363	-0.698	-0.934	-1.005	-0.925	-0.774	-0.650
6521	65.20	-0.610	-0.658	-0.699	-0.679	-0.542	-0.308	-0.063	0.084	0.052	-0.161
6531	65.30	-0.472	-0.742	-0.836	-0.685	-0.311	0.180	0.684	0.965	1.097	1.080
6541	65.40	1.011	0.992	1.084	1.278	1.509	1.656	1.675	1.543	1.314	1.085
6551	65.50	0.966	0.946	1.063	1.212	1.286	1.194	0.907	0.469	-0.011	-0.405
6561	65.60	-0.607	-0.579	-0.356	-0.036	0.265	0.451	0.483	0.391	0.246	0.131
6571	65.70	0.097	0.144	0.221	0.259	0.202	0.041	-0.180	-0.384	-0.498	-0.486
6581	65.80	-0.368	-0.211	-0.097	-0.086	-0.187	-0.362	-0.541	-0.661	-0.691	-0.643
6591	65.90	-0.554	-0.463	-0.391	-0.330	-0.261	-0.171	-0.073	-0.003	-0.001	-0.081
6601	66.00	-0.215	-0.336	-0.370	-0.268	-0.039	0.255	0.525	0.703	0.772	0.776
6611	66.10	0.788	0.869	1.023	1.192	1.289	1.246	1.065	0.826	0.653	0.648
6621	66.20	0.835	1.139	1.415	1.525	1.413	1.161	0.863	0.751	0.901	1.281
6631	66.30	1.747	2.117	2.273	2.230	2.132	2.169	2.460	2.961	3.449	3.607
6641	66.40	3.167	2.058	0.462	-1.227	-2.557	-3.192				

Table 7—19—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1112 909-GR-1-2 TR. (HA.) KUHOMI BRIDGE MAX. ACC. = 60.176 (GAL) T= 3.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	4.781	4.515	4.007	3.713	3.771	4.018	4.184	4.161	4.034	4.207
11	0.10	4.966	6.329	7.931	9.166	9.496	8.753	7.281	5.762	4.865	4.879
21	0.20	5.544	6.208	6.213	5.324	3.919	2.829	2.867	4.310	6.620	8.598
31	0.30	8.936	6.923	2.928	-1.610	-4.716	-4.743	-1.139	5.226	12.367	17.973
41	0.40	20.348	19.068	15.077	10.197	6.313	4.586	5.059	6.770	8.291	8.402
51	0.50	6.607	3.281	-0.554	-3.677	-5.136	-4.538	-2.099	1.499	5.366	8.639
61	0.60	10.662	11.086	9.915	7.485	4.403	1.393	-0.898	-2.101	-2.245	-1.721
71	0.70	-1.107	-0.886	-1.209	-1.806	-2.105	-1.507	0.302	3.153	6.423	9.254
81	0.80	10.891	10.954	9.546	7.139	4.331	1.588	-0.891	-3.134	-5.237	-7.173
91	0.90	-8.709	-9.461	-9.086	-7.479	-4.886	-1.866	0.902	2.855	3.727	3.598
101	1.00	2.800	1.740	0.739	-0.052	-0.623	-1.026	-1.227	-1.354	-1.223	-0.908
111	1.10	-0.534	-0.293	-0.339	-0.696	-1.187	-1.522	-1.613	-0.757	0.276	1.280
121	1.20	1.786	1.491	0.625	-1.020	-2.256	-2.759	-2.352	-1.310	-0.273	0.034
131	1.30	-0.856	-2.891	-5.465	-7.624	-8.443	-7.420	-4.702	-1.056	2.408	4.665
141	1.40	5.159	3.997	1.874	-0.234	-1.478	-1.486	-0.486	0.788	1.445	0.820
151	1.50	-1.219	-4.175	-7.088	-8.890	-8.823	-6.749	-3.241	0.597	3.519	4.578
161	1.60	3.463	0.600	-3.029	-6.274	-8.243	-8.613	-7.680	-6.150	-4.775	-3.982
171	1.70	-3.722	-3.533	-2.858	-1.401	0.628	2.544	3.474	2.792	0.482	-2.760
181	1.80	-5.759	-7.338	-6.861	-4.469	-1.131	1.767	3.011	2.182	-0.322	-3.378
191	1.90	-5.662	-6.221	-4.866	-2.220	0.594	2.471	2.788	1.631	-0.309	-2.102
201	2.00	-3.009	-2.791	-1.759	-0.564	0.137	-0.005	-0.900	-2.087	-2.971	-3.087
211	2.10	-2.288	-0.777	0.959	2.534	3.436	3.530	2.871	1.687	0.299	-0.964
221	2.20	-1.819	-2.082	-1.695	-0.764	0.552	1.878	2.905	3.374	3.167	2.335
231	2.30	1.074	-0.339	-1.612	-2.501	-2.838	-2.550	-1.662	-0.319	1.212	2.561
241	2.40	3.325	3.191	2.063	0.152	-2.043	-3.867	-4.740	-4.371	-2.898	-0.868
251	2.50	1.047	2.133	2.073	0.970	-0.710	-2.343	-3.409	-3.676	-3.234	-2.389
261	2.60	-1.474	-0.694	-0.075	0.468	0.995	1.435	1.582	1.206	0.216	-1.227
271	2.70	-2.709	-3.721	-3.879	-3.112	-1.711	-0.199	0.912	1.352	1.198	0.794
281	2.80	0.531	0.617	0.960	1.241	1.131	0.532	-0.319	-0.938	-0.861	0.064
291	2.90	1.539	2.907	3.467	2.848	1.232	-0.701	-2.098	-2.368	-1.496	-0.056
301	3.00	1.095	1.288	0.425	-0.947	-1.937	-1.709	-0.136	2.258	4.442	5.423
311	3.10	4.762	2.810	0.522	-1.046	-1.285	-0.332	1.046	1.921	1.738	0.629
321	3.20	-0.686	-1.367	-0.883	0.486	1.968	2.673	2.191	0.787	-0.559	-0.895
331	3.30	0.177	2.155	3.828	3.928	1.874	-1.793	-5.582	-7.771	-7.300	-4.357
341	3.40	-0.307	3.023	4.335	3.578	1.989	1.406	3.205	7.430	12.614	16.387
351	3.50	16.569	12.192	3.900	-6.410	-16.485	-24.585	-29.874	-32.153	-31.222	-26.414
361	3.60	-16.745	-1.740	17.483	37.614	53.588	60.176	54.134	35.937	10.153	-15.916
371	3.70	-34.862	-41.977	-36.962	-23.756	-8.563	2.962	8.042	7.529	4.804	3.494
381	3.80	5.260	8.843	10.892	8.114	-0.410	-12.065	-21.435	-22.701	-12.615	7.446
391	3.90	31.411	50.657	57.437	48.211	25.230	-4.187	-30.482	-45.536	-45.648	-32.604
401	4.00	-12.521	6.924	19.593	23.007	18.705	10.891	4.138	1.284	2.423	5.361
411	4.10	7.020	5.404	0.528	-5.505	-9.640	-9.497	-6.681	2.858	9.620	12.136
421	4.20	8.588	-0.263	-11.313	-20.381	-23.962	-20.673	-11.752	-0.660	9.401	14.997
431	4.30	15.482	12.028	6.965	2.547	-0.050	-1.024	-1.663	-2.452	-3.291	-6.281
441	4.40	-7.178	-6.028	-2.875	1.086	4.055	4.563	2.314	-1.587	-5.159	-6.589
451	4.50	-5.229	-2.002	1.034	1.784	-0.703	-5.590	-10.515	-12.679	-10.233	-3.273
461	4.60	6.052	14.391	18.606	17.074	10.305	0.624	-8.855	-15.452	-17.766	-15.859
471	4.70	-10.827	-4.127	2.951	9.612	14.373	16.835	15.741	10.409	1.173	-10.176
481	4.80	-20.529	-26.307	-24.782	-15.330	-0.021	16.814	29.954	35.121	30.526	17.521
491	4.90	0.087	-16.616	-28.048	-31.730	-27.817	-15.667	-7.691	1.970	8.420	11.302

Table 7—19—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1112 909-GR-1-2 TR. (HA.) KUHOMI BRIDGE MAX. ACC. = 60.176 (GAL) T= 3.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	11.424	10.015	8.019	5.742	2.976	-0.565	-4.766	-8.888	-11.745	-12.197
511	5.10	-9.728	-4.807	1.160	6.294	8.947	8.332	4.818	-0.241	-5.049	-8.065
521	5.20	-8.540	-6.698	-3.513	-0.230	2.149	3.183	3.009	2.117	1.033	0.082
531	5.30	-0.663	-1.268	-1.767	-2.066	-1.991	-1.429	-0.485	0.486	1.013	0.746
541	5.40	-0.319	-1.767	-2.910	-3.087	-1.996	0.123	2.537	4.298	4.622	3.212
551	5.50	0.384	-3.042	-6.026	-7.657	-7.430	-5.384	-2.072	1.601	4.626	6.155
561	5.60	5.747	3.517	0.150	-3.269	-5.582	-5.967	-4.256	-1.046	2.502	5.122
571	5.70	5.970	4.994	2.950	1.044	0.337	1.194	3.072	4.746	4.918	2.901
581	5.80	-0.952	-5.294	-8.336	-8.636	-5.780	-0.626	5.017	9.125	10.290	8.264
591	5.90	4.004	-0.787	-4.390	-5.732	-4.723	-2.140	0.804	2.999	3.830	3.287
601	6.00	1.803	-0.032	-1.732	-3.032	-3.842	-4.137	-3.864	-2.941	-1.357	0.721
611	6.10	2.896	4.613	5.329	4.727	2.861	0.182	-2.596	-4.724	-5.667	-5.279
621	6.20	-3.837	-1.931	-0.236	0.735	0.816	0.239	-0.486	-0.804	-0.386	0.695
631	6.30	1.956	2.698	2.338	0.716	-1.760	-4.122	-5.385	-4.810	-2.370	1.161
641	6.40	4.456	6.144	5.386	2.266	-2.185	-6.353	-8.661	-8.183	-5.010	-0.207
651	6.50	4.600	7.830	8.511	6.575	2.804	-1.519	-5.087	-6.986	-6.908	-5.139
661	6.60	-2.350	0.660	3.205	4.843	5.409	4.981	3.809	2.250	0.695	-0.497
671	6.70	-1.076	-1.958	-0.252	0.772	1.753	2.360	2.385	1.808	0.788	-0.395
681	6.80	-1.440	-2.111	-2.300	-2.031	-1.434	-0.670	0.119	0.860	1.546	2.206
691	6.90	2.846	3.400	3.717	3.593	2.860	1.490	-0.331	-2.206	-3.624	-4.127
701	7.00	-3.498	-1.868	0.293	2.331	3.648	3.922	3.230	2.000	0.811	0.135
711	7.10	0.136	0.614	1.122	1.204	0.633	-0.460	-1.634	-2.342	-2.166	-1.116
721	7.20	0.533	2.179	3.240	3.386	2.658	1.450	0.311	-0.286	-0.139	0.625
731	7.30	1.633	2.438	2.713	2.360	1.522	0.489	-0.632	-1.029	-1.237	-1.120
741	7.40	-0.801	-0.400	0.010	0.403	0.774	1.115	1.398	1.585	1.650	1.596
751	7.50	1.463	1.309	1.189	1.137	1.151	1.207	1.268	1.304	1.303	1.266
761	7.60	1.206	1.129	1.033	0.902	0.712	0.444	0.098	-0.289	-0.645	-0.869
771	7.70	-0.866	-0.584	-0.058	0.582	1.126	1.354	1.118	0.415	-0.585	-1.576
781	7.80	-2.222	-2.275	-1.680	-0.607	0.607	1.588	2.058	1.944	1.383	0.649
791	7.90	0.023	-0.328	-0.408	-0.357	-0.355	-0.502	-0.757	-0.946	-0.865	-0.405
801	8.00	0.361	1.169	1.664	1.555	0.760	-0.530	-1.901	-2.876	-3.102	-2.495
811	8.10	-1.274	0.126	1.232	1.716	1.506	0.789	-0.098	-0.820	-1.184	-1.181
821	8.20	-0.952	-0.681	-0.489	-0.383	-0.280	-0.085	0.231	0.590	0.847	0.874
831	8.30	0.645	0.271	-0.051	-0.137	0.067	0.435	0.712	0.634	0.085	-0.820
841	8.40	-1.755	-2.318	-2.220	-1.435	-0.225	0.959	1.688	1.739	1.198	0.403
851	8.50	-0.234	-0.425	-0.146	0.375	0.790	0.835	0.469	-0.109	-0.575	-0.673
861	8.60	-0.368	0.122	0.442	0.295	-0.378	-1.351	-2.213	-2.579	-2.300	-1.547
871	8.70	-0.737	-0.313	-0.508	-1.214	-2.030	-2.469	-2.225	-1.352	-0.267	0.450
881	8.80	0.343	-0.669	-2.226	-3.669	-4.340	-3.889	-2.442	-0.556	1.026	1.699
891	8.90	1.248	-0.080	-1.711	-3.006	-3.533	-3.218	-2.328	-1.310	-0.578	-0.341
901	9.00	-0.556	-0.991	-1.361	-1.557	-1.217	-0.717	-0.113	0.424	0.757	0.794
911	9.10	0.484	-0.183	-1.156	-2.302	-3.603	-4.200	-4.468	-4.107	-3.203	-2.012
921	9.20	-0.885	-0.132	0.090	-0.171	-0.694	-1.197	-1.662	-1.428	-1.200	-0.929
931	9.30	-0.952	-1.188	-1.608	-2.019	-2.214	-2.072	-1.613	-0.989	-0.411	-0.052
941	9.40	0.024	-0.128	-0.370	-0.562	-0.632	-0.597	-0.547	-0.580	-0.745	-1.014
951	9.50	-1.291	-1.469	-1.482	-1.336	-1.104	-0.875	-0.707	-0.590	-0.453	-0.216
961	9.60	0.152	0.595	0.973	1.123	0.944	0.459	-0.166	-0.667	-0.809	-0.476
971	9.70	0.259	1.144	1.855	2.130	1.888	1.280	0.628	0.291	0.500	1.253
981	9.80	2.291	3.203	3.589	3.231	2.189	0.783	-0.530	-1.331	-1.402	-0.791
991	9.90	0.224	1.267	2.019	2.336	2.285	2.080	1.974	2.136	2.587	3.203

Table 7—19—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1112 909-GR-1-2 TR. (HA.) KUMOMI BRIDGE MAX. ACC. = 60.176 (GAL) T= 3.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	3.785	4.151	4.202	3.948	3.481	2.922	2.371	1.892	1.519	1.281
1011	10.10	1.220	1.374	1.754	2.310	2.924	3.461	3.730	3.744	3.552	3.316
1021	10.20	3.221	3.387	3.805	4.337	4.768	4.912	4.691	4.183	3.577	3.088
1031	10.30	2.858	2.893	3.075	3.239	3.270	3.178	3.094	3.201	3.622	4.318
1041	10.40	5.071	5.547	5.427	4.569	2.990	1.056				

Table 7—20—1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1113 909-GR-1-2 U-D (U-D) KUHOMI BRIDGE MAX. ACC. = -30.068 (GAL) T= 5.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	1.324	3.661	5.852	7.290	7.589	6.796	5.388	4.051	3.347	3.448
11	0.10	4.079	4.702	4.859	4.117	3.730	3.350	3.717	4.830	6.163	6.907
21	0.20	6.417	4.626	2.199	0.278	-0.052	1.646	4.862	8.296	10.431	10.275
31	0.30	7.877	6.367	1.456	0.619	2.372	5.927	9.759	11.884	11.223	7.913
41	0.40	3.316	-0.592	-2.114	-0.592	3.510	7.924	11.328	12.172	10.206	6.306
51	0.50	2.018	-1.127	-2.221	-1.244	1.074	3.666	5.608	6.436	6.198	5.284
61	0.60	4.162	3.161	2.407	1.876	1.510	1.299	1.282	1.487	1.861	2.254
71	0.70	2.478	2.401	2.033	1.540	1.172	1.153	1.526	2.311	3.135	3.725
81	0.80	3.814	3.262	2.086	0.442	-1.613	-3.166	-4.683	-5.085	-4.787	-3.572
91	0.90	-1.632	0.647	2.759	4.207	4.647	3.978	2.370	0.191	-2.101	-4.083
101	1.00	-5.448	-6.036	-5.825	-4.908	-3.477	-1.810	-0.258	0.916	1.438	1.306
111	1.10	0.732	0.097	-0.204	0.045	0.748	1.491	1.703	0.919	-0.959	-3.547
121	1.20	-6.067	-7.629	-7.597	-5.873	-2.974	0.138	2.411	5.085	1.955	-0.586
131	1.30	-3.726	-6.529	-8.225	-8.391	-6.981	-4.259	-0.691	3.135	6.553	8.868
141	1.40	9.457	7.938	4.350	-0.741	-6.292	-11.041	-13.869	-14.166	-12.619	-8.151
151	1.50	-3.633	0.504	3.579	5.371	6.006	5.722	4.662	2.832	0.226	-2.956
161	1.60	-6.176	-8.635	-9.552	-8.551	-5.915	-2.559	0.309	1.717	1.374	-0.197
171	1.70	-1.928	-2.770	-2.255	-0.771	0.632	0.809	-0.806	-3.796	-6.863	-8.421
181	1.80	-7.407	-3.897	0.817	4.753	6.158	4.364	0.151	-4.573	-7.650	-7.676
191	1.90	-4.661	-0.004	4.183	6.083	5.009	1.668	-2.250	-4.927	-5.288	-3.447
201	2.00	-0.537	1.935	2.878	2.115	0.376	-1.178	-1.621	-0.762	0.900	2.337
211	2.10	2.754	1.940	0.373	-1.069	-1.603	-0.959	0.699	1.998	2.781	2.500
221	2.20	1.360	-0.031	-1.006	-1.176	-0.586	0.371	1.200	1.535	1.372	0.825
231	2.30	0.180	-0.346	-0.644	-0.684	-0.451	0.067	0.819	1.612	2.103	1.916
241	2.40	0.863	-0.846	-2.576	-3.477	-2.892	-0.749	2.265	4.919	5.962	4.740
251	2.50	1.569	-2.329	-5.356	-6.280	-4.820	-1.777	1.365	3.179	2.980	1.123
261	2.60	-1.255	-2.879	-3.022	-1.854	-0.279	0.640	0.331	-0.951	-2.272	-2.602
271	2.70	-1.456	0.750	2.881	3.701	2.595	-0.018	-2.839	-4.347	-3.626	-0.901
281	2.80	2.530	4.936	5.066	2.825	-0.641	-3.509	-4.206	-2.213	1.667	5.712
291	2.90	8.141	7.960	5.384	1.629	-1.772	-3.730	-4.042	-3.296	-2.361	-1.795
301	3.00	-1.530	-1.626	0.234	2.241	4.296	5.323	4.514	1.925	-1.368	-3.697
311	3.10	-3.648	-0.867	3.618	7.801	9.651	8.155	3.889	-1.206	-4.752	-5.121
321	3.20	-2.237	2.385	6.436	7.998	6.427	2.770	-1.022	-3.098	-2.720	-0.614
331	3.30	1.509	1.980	0.176	-3.072	-5.908	-6.452	-4.023	0.657	5.513	8.296
341	3.40	7.714	4.078	-0.902	-5.057	-6.908	-6.371	-4.629	-3.263	-3.156	-3.853
351	3.50	-3.791	-1.320	4.035	10.647	16.096	16.499	10.246	-1.749	-15.798	-26.739
361	3.60	-30.068	-23.920	-9.979	7.123	21.653	29.016	27.413	18.241	5.187	-7.427
371	3.70	-16.255	-19.818	-18.484	-13.759	-7.442	-1.062	4.263	7.711	8.692	7.013
381	3.80	3.188	-1.428	-4.942	-5.690	-5.143	1.586	6.039	7.525	4.562	-2.121
391	3.90	-9.651	-14.261	-13.177	-6.196	3.953	12.760	16.121	12.468	3.698	-5.652
401	4.00	-10.667	-8.615	-0.468	9.467	15.712	14.497	5.877	-6.076	-15.175	-16.230
411	4.10	-7.790	6.890	21.210	28.301	24.322	10.356	-8.001	-23.182	-29.056	-23.603
421	4.20	-9.615	6.793	19.053	22.985	18.314	8.303	-2.124	-8.734	-9.575	-5.833
431	4.30	0.077	5.055	7.193	6.133	2.865	-1.112	-4.527	-6.674	-7.327	-6.468
441	4.40	-4.129	-0.492	3.872	7.903	10.273	9.939	6.716	1.546	-3.779	-7.362
451	4.50	-8.049	-5.936	-2.262	1.260	3.298	3.480	2.385	1.018	0.100	-0.362
461	4.60	-0.955	-2.291	-4.359	-6.279	-6.669	-4.486	0.165	5.749	9.865	10.399
471	4.70	6.707	0.139	-6.443	-10.011	-8.903	-3.739	2.812	7.356	7.545	3.364
481	4.80	-2.774	-7.228	-7.058	-1.689	6.581	13.555	15.180	9.647	-1.494	-13.821
491	4.90	-21.960	-22.061	-13.654	-0.000	13.267	20.593	18.940	9.107	-4.660	-16.566

Table 7—20—2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1113 909-GR-1-2 U-D (U-D) KUHOMI BRIDGE MAX. ACC. = -30.068 (GAL) T= 5.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-21.809	-18.624	-8.947	2.565	10.675	11.909	6.059	-3.795	-12.724	-16.221
511	5.10	-12.268	-2.311	9.318	17.291	17.689	9.859	-3.121	-15.632	-21.915	-18.654
521	5.20	-6.605	9.510	22.889	27.559	21.055	5.646	-12.592	-25.876	-28.953	-20.551
531	5.30	-4.399	12.535	23.171	23.451	14.064	-0.038	-12.089	-16.717	-12.403	-2.017
541	5.40	8.726	14.409	12.157	3.398	-7.203	-14.120	-13.762	-6.229	4.805	13.988
551	5.50	16.948	12.395	2.625	-7.732	-14.032	-13.802	-7.738	0.896	8.038	10.313
561	5.60	8.715	3.511	-1.961	-5.334	-5.780	-4.094	-1.904	-0.558	-0.374	-0.647
571	5.70	-0.320	1.156	3.350	5.055	5.045	2.901	-0.612	-3.880	-5.297	-4.164
581	5.80	-1.084	2.362	4.499	4.478	2.711	0.563	-0.493	0.219	2.173	3.965
591	5.90	4.169	2.348	-0.756	-3.401	-3.907	-1.648	2.468	6.376	7.885	5.850
601	6.00	0.835	-5.104	-9.420	-10.336	-7.712	-3.091	1.129	2.911	1.564	-1.981
611	6.10	-5.740	-7.724	-6.937	-3.800	0.156	3.120	3.877	2.411	-0.389	-3.103
621	6.20	-4.594	-4.459	-3.077	-1.271	0.162	0.801	0.670	0.079	-0.625	-1.226
631	6.30	-1.640	-1.851	-1.815	-1.484	-0.902	-0.272	0.082	-0.114	-0.865	-1.809
641	6.40	-2.336	-1.911	-0.424	1.626	3.294	3.630	2.210	-0.554	-3.518	-5.322
651	6.50	-5.065	-2.802	0.431	3.095	3.903	2.472	-0.472	-3.448	-4.956	-4.221
661	6.60	-1.563	1.781	4.286	4.882	3.431	0.736	-1.921	-3.417	-3.289	-1.860
671	6.70	0.029	1.498	2.039	1.675	0.817	-0.038	-0.577	-0.760	-0.722	-0.588
681	6.80	-0.355	0.085	0.796	1.666	2.381	2.574	2.050	0.954	-0.252	-1.008
691	6.90	-0.963	-0.191	0.824	1.449	1.264	0.332	-0.805	-1.404	-0.948	0.534
701	7.00	2.425	3.807	3.939	2.659	0.505	-1.537	-2.520	-2.018	-0.336	1.643
711	7.10	2.919	2.875	1.589	-0.228	-1.604	-1.803	-0.687	1.231	3.062	3.977
721	7.20	3.600	2.153	0.309	-1.141	-1.655	-1.140	0.063	1.386	2.301	2.522
731	7.30	2.067	1.188	0.233	-0.481	-0.751	-0.510	0.179	1.139	2.104	2.780
741	7.40	2.930	2.484	1.597	0.626	-0.007	-0.006	0.635	1.583	2.325	2.396
751	7.50	1.667	0.359	-0.857	-1.350	-0.769	0.718	2.462	3.621	3.571	2.244
761	7.60	0.195	-1.627	-2.331	-1.522	0.486	2.791	4.326	4.357	2.843	0.459
771	7.70	-1.720	-2.722	-2.132	-0.271	1.955	3.561	3.767	2.602	0.665	-1.167
781	7.80	-2.014	-1.565	-0.106	1.615	2.758	2.767	1.611	-0.231	-2.004	-3.013
791	7.90	-2.906	-1.789	-0.146	1.387	2.278	2.291	1.537	0.398	-0.639	-1.168
801	8.00	-0.995	-0.190	0.951	2.016	2.620	2.539	1.793	0.639	-0.510	-1.245
811	8.10	-1.322	-0.768	0.120	0.894	1.155	0.738	-0.192	-1.199	-1.763	-1.528
821	8.20	-0.485	0.999	2.324	2.920	2.515	1.266	-0.296	-1.502	-1.844	-1.211
831	8.30	0.066	1.366	2.064	1.819	0.725	-0.740	-1.935	-2.584	-1.801	-0.543
841	8.40	0.914	2.014	2.394	2.013	1.226	0.133	-0.611	-0.936	-0.879	-0.632
851	8.50	-0.394	-0.287	-0.316	-0.414	-0.515	-0.599	-0.721	-0.930	-1.228	-1.529
861	8.60	-1.694	-1.611	-1.272	-0.808	-0.445	-0.397	-0.746	-1.382	-2.039	-2.609
871	8.70	-2.294	-1.708	-0.880	-0.147	0.206	0.069	-0.431	-1.029	-1.456	-1.579
881	8.80	-1.474	-1.354	-1.435	-1.799	-2.328	-2.756	-2.825	-2.440	-1.758	-1.132
891	8.90	-0.965	-1.407	-2.426	-3.617	-4.469	-4.579	-3.853	-2.559	-1.218	-0.369
901	9.00	-0.335	-1.086	-2.272	-3.397	-4.043	-4.040	-3.508	-2.762	-2.132	-1.817
911	9.10	-1.814	-1.962	-2.062	-1.989	-1.753	-1.465	-1.259	-1.201	-1.256	-1.315
921	9.20	-1.268	-1.070	-0.774	-0.495	-0.367	-0.381	-0.562	-0.792	-0.969	-1.033
931	9.30	-0.994	-0.910	-0.851	-0.858	-0.929	-1.024	-1.093	-1.093	-1.001	-0.809
941	9.40	-0.529	-0.195	0.122	0.316	0.281	-0.044	-0.621	-1.289	-1.806	-1.943
951	9.50	-1.597	-0.867	-0.041	0.512	0.506	-0.113	-1.120	-2.084	-2.561	-2.278
961	9.60	-1.278	0.097	1.351	2.046	1.990	1.300	0.337	-0.472	-0.816	-0.613
971	9.70	-0.015	0.697	1.255	1.509	1.466	1.243	0.986	0.792	0.688	0.641
981	9.80	0.606	0.559	0.505	0.465	0.453	0.472	0.524	0.622	0.797	1.081
991	9.90	1.480	1.950	2.406	2.757	2.952	3.007	2.995	2.998	3.052	3.120

Table 7—20—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1113 909-GR-1-2 U-D (U-D) KUMOMI BRIDGE MAX. ACC. = -30.068 (GAL) T= 3.61 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	3.113	2.960	2.675	2.384	2.277	2.510	3.097	3.870	4.528	4.778
1011	10.10	4.450	3.778	2.966	2.438	2.440	2.953	3.669	4.240	4.294	3.805
1021	10.20	3.029	2.396	2.283	2.799	3.720	4.592	4.971	4.660	3.831	2.945
1031	10.30	2.515	2.836	3.813	4.998	5.814	5.869	5.091	3.948	3.062	2.989
1041	10.40	3.911	5.516	7.114	7.937	7.469	5.670	2.988	0.152		

Table 7—21—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1114 909-GR-1-2 LG. (HB.) KUHOMI BRIDGE MAX. ACC. = -110.586 (GAL) T= 3.74 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	0.931	4.596	7.966	10.294	11.074	10.203	8.009	5.162	2.478	0.691
11	0.10	0.243	1.169	3.106	5.405	7.363	8.433	8.395	7.409	5.922	4.477
21	0.20	3.500	3.159	3.349	3.799	4.252	4.611	4.968	5.512	6.347	7.341
31	0.30	8.106	8.136	7.062	4.916	2.223	-0.113	-1.129	-0.200	2.666	6.773
41	0.40	10.960	14.010	15.085	13.996	11.212	7.628	4.204	1.665	0.240	-0.108
51	0.50	0.293	1.111	2.113	3.172	4.204	5.099	5.712	5.922	5.725	5.266
61	0.60	4.802	4.568	4.642	4.872	4.930	4.481	3.372	1.756	0.065	-1.157
71	0.70	-1.500	-0.873	0.448	1.938	3.057	3.473	3.180	2.460	1.712	1.266
81	0.80	1.245	1.559	1.996	2.346	2.486	2.379	2.010	1.336	0.255	-1.261
91	0.90	-3.102	-4.930	-6.229	-6.480	-5.399	-3.124	-0.241	2.387	3.922	3.881
101	1.00	2.313	-0.221	-2.885	-4.887	-5.747	-5.407	-4.157	-2.434	-0.639	0.966
111	1.10	2.237	3.054	3.264	2.711	1.361	-0.550	-2.531	-3.863	-3.971	-2.674
121	1.20	-0.363	2.082	3.614	3.470	1.523	-1.519	-4.868	-7.021	-7.448	-6.168
131	1.30	-3.900	-1.682	-0.382	-0.328	-1.208	-2.291	-2.837	-2.469	-1.345	-0.035
141	1.40	0.797	0.744	-0.161	-1.498	-2.708	-3.589	-3.567	-3.169	-2.821	-2.616
151	1.50	-2.483	-2.153	-1.369	-0.120	1.254	2.165	2.038	0.612	-1.898	-4.856
161	1.60	-7.460	-9.065	-9.409	-8.646	-7.175	-5.400	-3.550	-1.666	0.254	2.073
171	1.70	3.425	3.810	2.843	0.528	-2.627	-5.724	-7.815	-8.296	-7.161	-4.988
181	1.80	-2.648	-0.894	-0.946	0.082	-0.031	0.036	0.365	0.644	0.393	-0.678
191	1.90	-7.389	-4.075	-4.884	-4.233	-2.185	0.476	2.553	3.000	1.446	-1.571
201	2.00	-4.820	-6.932	-7.038	-5.166	-2.209	0.532	1.975	1.754	0.337	-1.280
211	2.10	-2.122	-1.728	-0.348	1.253	2.245	2.193	1.268	0.111	-0.555	-0.344
221	2.20	0.591	1.663	2.207	1.878	0.849	-0.279	-0.829	-0.434	0.735	2.050
231	2.30	2.760	2.404	1.070	-0.636	-1.889	-2.077	-1.105	0.555	2.102	2.796
241	2.40	2.312	0.876	-0.868	-2.170	-2.506	-1.783	-0.329	1.292	2.522	3.018
251	2.50	2.725	1.839	0.697	-0.338	-0.946	-1.016	-0.477	0.675	1.504	2.201
261	2.60	2.228	1.485	0.201	-1.106	-1.823	-1.518	-0.177	1.739	3.459	4.238
271	2.70	3.707	2.064	0.003	-1.604	-2.107	-1.373	0.174	1.784	2.762	2.796
281	2.80	2.071	1.119	0.507	0.530	1.085	1.778	2.190	2.134	1.760	1.432
291	2.90	1.474	1.931	2.500	2.690	2.121	0.797	-0.820	-1.989	-2.048	-0.774
301	3.00	1.466	3.840	5.421	5.604	4.377	2.300	0.226	-1.099	-1.355	-0.735
311	3.10	0.222	0.935	1.868	0.639	-0.065	-0.709	-1.103	-1.274	-1.367	-1.477
321	3.20	-1.511	-1.213	-0.330	1.158	2.897	4.230	4.663	3.232	0.758	-2.150
331	3.30	-4.396	-5.062	-3.876	-1.355	1.376	3.092	3.033	1.283	-1.259	-3.296
341	3.40	-3.749	-2.291	0.485	3.336	4.953	4.584	2.380	-0.686	-3.292	-4.382
351	3.50	-3.632	-1.547	0.811	2.308	2.168	0.170	-3.405	-7.936	-12.554	-16.078
361	3.60	-16.922	-13.214	-3.371	12.923	33.672	54.102	67.338	66.392	46.985	10.139
371	3.70	-36.782	-81.262	-109.367	-110.586	-82.151	-30.910	28.295	77.415	101.487	93.998
381	3.80	59.193	10.333	-35.422	-63.435	-66.772	-48.104	-17.754	11.096	27.891	28.567
391	3.90	16.352	-0.573	-13.232	-15.894	-8.244	5.059	16.984	21.527	16.336	3.478
401	4.00	-11.793	-23.523	-27.613	-23.307	-13.122	-1.408	7.681	11.879	11.481	8.814
411	4.10	6.855	7.669	11.350	15.917	18.195	15.299	6.110	-7.906	-22.912	-33.957
421	4.20	-36.828	-29.784	-14.433	4.679	21.684	31.621	32.338	25.256	14.601	5.417
431	4.30	1.246	2.566	6.616	9.111	6.425	-2.217	-14.031	-23.765	-26.159	-18.621
441	4.40	-2.805	15.761	29.902	33.909	26.079	9.695	-9.360	-23.374	-28.031	-22.999
451	4.50	-11.989	-0.681	6.085	6.687	2.254	-2.613	-4.187	-0.787	6.120	12.718
461	4.60	14.891	10.464	9.478	-11.120	-19.233	-19.955	-12.386	0.901	14.944	24.457
471	4.70	25.961	19.050	6.341	-7.753	-18.794	-23.872	-22.348	-15.664	-6.442	2.603
481	4.80	9.522	13.476	14.614	13.667	11.509	8.853	6.122	3.470	0.865	-1.788
491	4.90	-4.527	-7.224	-9.525	-10.893	-10.789	-8.928	-5.514	-1.313	2.541	4.950

Table 7—21—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1114 909-GR-1-2 LG. (HB.) KUHOMI BRIDGE MAX. ACC. = -110.586 (GAL) T= 3.74 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	5.327	3.896	1.647	-0.085	-0.229	1.473	4.316	6.922	7.895	6.502
511	5.10	3.045	-1.270	-4.917	-6.793	-6.738	-5.550	-4.487	-4.516	-5.716	-7.172
521	5.20	-7.456	-5.450	-1.092	4.394	8.932	10.550	8.376	3.170	-2.918	-7.290
531	5.30	-8.117	-5.240	-0.287	4.079	5.443	2.849	-2.672	-8.521	-11.734	-10.404
541	5.40	-4.645	3.375	10.362	13.364	11.112	4.590	-3.401	-9.493	-11.235	-8.128
551	5.50	-1.761	4.982	9.252	9.486	6.008	0.753	-3.731	-5.486	-4.016	-0.429
561	5.60	3.184	4.793	3.418	-0.413	-4.912	-7.870	-7.675	-4.051	1.803	7.726
571	5.70	11.502	11.795	8.646	3.408	-1.875	-5.330	-5.986	-4.071	-0.790	2.291
581	5.80	3.944	3.762	2.221	0.340	-0.872	-0.909	0.030	1.201	1.734	1.097
591	5.90	-0.634	-2.811	-4.538	-5.097	-4.280	-2.473	-0.459	0.943	1.223	0.357
601	6.00	-1.249	-2.990	-4.339	-5.031	-5.087	-4.701	-4.074	-3.310	-2.408	-1.354
611	6.10	-0.218	0.793	1.393	1.334	0.532	-0.871	-2.554	-4.124	-5.247	-5.731
621	6.20	-5.531	-4.706	-3.363	-1.633	0.315	2.237	3.819	4.729	4.715	3.710
631	6.30	1.870	-0.455	-2.825	-4.833	-6.188	-6.735	-6.425	-5.286	-3.426	-1.077
641	6.40	1.360	3.340	4.300	3.875	2.101	-0.488	-2.980	-4.385	-4.034	-1.882
651	6.50	1.414	4.714	6.835	7.016	5.220	2.131	-1.144	-3.538	-4.436	-3.870
661	6.60	-2.418	-0.892	0.043	0.125	-0.465	-1.274	-1.849	-1.960	-1.680	-1.279
671	6.70	-1.035	-1.039	-1.131	-0.975	-0.247	1.171	3.080	4.999	6.334	6.598
681	6.80	5.615	3.591	1.054	-1.322	-2.949	-3.507	-3.035	-1.881	-0.555	0.470
691	6.90	0.928	0.832	0.441	0.124	0.187	0.734	1.627	2.542	3.114	3.089
701	7.00	2.425	1.305	0.047	-1.021	-1.674	-1.842	-1.585	-1.019	-0.259	0.652
711	7.10	1.615	2.522	3.178	3.347	2.853	1.694	0.112	-1.436	-2.424	-2.457
721	7.20	-1.453	0.288	2.175	3.539	3.897	3.147	1.610	-0.095	-1.301	-1.552
731	7.30	-0.779	0.694	2.294	3.436	3.752	3.216	2.125	0.952	0.145	-0.050
741	7.40	0.343	1.068	1.781	2.204	2.244	2.007	1.728	1.632	1.813	2.173
751	7.50	2.460	2.384	1.765	0.638	-0.728	-1.922	-2.544	-2.369	-1.440	-0.058
761	7.60	1.333	2.322	2.674	2.405	1.739	0.986	0.397	0.067	-0.071	-0.167
771	7.70	-0.334	-0.552	-0.662	-0.439	0.271	1.436	2.806	3.980	4.570	4.368
781	7.80	3.452	2.173	1.019	0.420	0.575	1.375	2.458	3.364	3.718	3.371
791	7.90	2.426	1.168	-0.067	-1.018	-1.558	-1.683	-1.449	-0.909	-0.095	0.955
801	8.00	2.140	3.270	4.087	4.357	3.972	3.026	1.799	0.668	-0.042	-0.179
811	8.10	0.188	0.826	1.456	1.885	2.062	2.065	2.009	1.963	1.818	1.517
821	8.20	0.963	0.209	-0.533	-0.969	-0.865	-0.192	0.822	1.760	2.192	1.827
831	8.30	0.875	-0.466	-1.671	-2.355	-2.391	-1.951	-1.398	-1.091	-1.201	-1.648
841	8.40	-2.161	-2.452	-2.380	-2.032	-1.671	-1.577	-1.884	-2.487	-3.091	-3.360
851	8.50	-3.101	-2.371	-1.463	-0.764	-0.564	-0.917	-1.613	-2.285	-2.588	-2.360
861	8.60	-1.693	-0.884	-0.291	-0.185	-0.648	-1.565	-2.699	-3.793	-4.656	-5.188
871	8.70	-5.364	-5.191	-4.689	-3.895	-2.893	-1.833	-0.916	-0.337	-0.213	-0.524
881	8.80	-1.107	-1.712	-2.099	-2.130	-1.824	-1.346	-0.960	-0.828	-1.128	-1.811
891	8.90	-2.716	-3.605	-4.246	-4.473	-4.235	-3.603	-2.742	-1.871	-1.201	-0.884
901	9.00	-0.966	-1.378	-1.952	-2.467	-2.727	-2.621	-2.171	-1.525	-0.914	-0.571
911	9.10	-0.647	-1.155	-1.965	-2.839	-3.519	-3.804	-3.619	-3.034	-2.226	-1.420
921	9.20	-0.810	-0.499	-0.477	-0.645	-0.863	-1.009	-1.021	-0.911	-0.741	-0.584
931	9.30	-0.482	-0.429	-0.377	-0.269	-0.079	0.166	0.390	0.500	0.428	0.170
941	9.40	-0.207	-0.586	-0.848	-0.919	-0.803	-0.575	-0.351	-0.237	-0.286	-0.474
951	9.50	-0.709	-0.876	-0.879	-0.688	-0.352	0.014	0.273	0.317	0.116	-0.267
961	9.60	-0.694	-1.007	-1.087	-0.910	-0.559	-0.195	0.019	-0.006	-0.238	-0.525
971	9.70	-0.664	-0.502	-0.017	0.669	1.240	1.495	1.277	0.665	-0.152	-0.779
981	9.80	-0.961	-0.610	0.140	0.989	1.619	1.843	1.691	1.388	1.228	1.422
991	9.90	1.977	2.683	3.210	3.273	2.780	1.895	0.972	0.410	0.477	1.195

Table 7—21—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1114 909-GR-1-2 LG. (HB.) KUHOMI BRIDGE MAX. ACC. = -110.586 (GAL) T= 3.74 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	2.362	3.543	4.435	4.799	4.622	4.067	3.375	2.762	2.356	2.194
1011	10.10	2.265	2.562	3.099	3.888	4.881	5.935	6.820	7.284	7.162	6.457
1021	10.20	5.376	4.272	3.520	3.373	3.871	4.820	5.879	6.700	7.059	6.936
1031	10.30	6.498	6.006	5.691	5.656	5.855	6.139	6.558	6.456	6.506	6.667
1041	10.40	7.088	7.794	8.617	9.228	9.235	8.347	6.502	3.922	1.058	

Table 7—22—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIMAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-7.649	-5.435	-2.265	0.860	3.077	3.997	3.811	3.126	2.639	2.803
11	0.10	3.663	4.904	6.079	6.862	7.199	7.274	7.333	7.673	7.540	7.187
21	0.20	6.083	4.143	1.653	-0.801	-2.566	-3.222	-2.794	-1.756	-0.831	-0.676
31	0.30	-1.591	-3.406	-5.568	-7.611	-8.461	-8.529	-7.922	-7.080	-6.446	-6.240
41	0.40	-6.426	-6.762	-6.975	-6.904	-6.550	-6.073	-5.598	-5.198	-4.819	-4.341
51	0.50	-3.669	-2.809	-1.878	-1.036	-0.385	0.095	0.539	1.103	1.846	2.653
61	0.60	3.253	3.341	2.747	1.585	0.168	-0.901	-1.132	-0.242	1.729	4.650
71	0.70	7.458	10.539	12.858	14.973	16.763	18.192	19.219	19.618	19.197	17.944
81	0.80	16.138	14.346	13.275	13.565	15.672	18.949	23.479	28.332	32.766	36.197
91	0.90	38.327	39.115	38.729	37.457	35.655	33.710	32.030	30.994	30.886	31.805
101	1.00	33.605	35.905	38.172	39.864	40.583	40.163	38.685	36.392	33.567	30.412
111	1.10	26.984	23.191	18.853	13.794	7.919	1.279	-5.902	-13.245	-20.266	-26.468
121	1.20	-31.466	-35.124	-37.650	-39.615	-41.855	-45.252	-50.490	-57.798	-66.836	-76.740
131	1.30	-86.361	-94.470	-100.273	-103.610	-104.101	-102.995	-100.948	-98.759	-96.974	-95.786
141	1.40	-95.055	-94.411	-93.420	-91.733	-89.210	-85.965	-82.325	-78.721	-75.519	-72.663
151	1.50	-70.578	-68.184	-65.021	-60.461	-54.117	-45.976	-36.396	-25.969	-15.318	-4.909
161	1.60	5.031	14.459	23.374	31.663	39.031	45.078	49.476	52.182	53.567	54.386
171	1.70	55.584	58.009	62.150	67.998	75.085	82.656	89.906	96.164	100.977	104.097
181	1.80	105.424	104.972	102.898	99.568	95.591	91.752	88.829	87.321	87.224	87.963
191	1.90	88.558	87.995	85.664	81.676	76.898	72.653	70.176	70.043	71.815	74.066
201	2.00	74.830	72.304	65.544	54.876	41.850	28.745	17.803	10.494	7.068	6.546
211	2.10	7.135	6.868	4.232	-1.448	-9.952	-20.407	-31.658	-42.670	-52.637	-61.108
221	2.20	-67.850	-72.756	-75.802	-77.082	-76.881	-75.708	-74.237	-73.158	-72.992	-73.951
231	2.30	-75.901	-78.469	-81.105	-83.452	-85.248	-86.435	-87.067	-87.216	-86.900	-86.061
241	2.40	-84.592	-82.384	-79.354	-75.457	-70.679	-65.056	-58.696	-51.854	-45.939	-38.499
251	2.50	-33.115	-29.229	-26.996	-26.131	-26.030	-25.820	-24.637	-21.859	-17.267	-11.085
261	2.60	-3.882	3.615	10.728	16.993	22.228	26.501	29.029	33.056	35.753	38.195
271	2.70	40.407	42.453	44.523	46.957	50.180	54.549	60.172	66.775	73.693	80.017
281	2.80	84.861	87.644	88.286	87.207	85.142	82.841	80.790	79.091	77.532	75.824
291	2.90	73.848	71.773	69.967	68.720	67.944	67.016	64.891	60.407	53.161	43.086
301	3.00	31.297	19.376	8.880	0.764	-4.949	-9.100	-12.963	-17.664	-23.714	-30.858
311	3.10	-38.300	-45.145	-50.853	-55.453	-59.438	-63.425	-67.747	-72.216	-76.160	-78.716
321	3.20	-79.226	-77.545	-74.118	-69.820	-65.642	-62.374	-60.416	-59.755	-60.066	-60.864
331	3.30	-61.607	-61.756	-60.799	-58.297	-53.980	-47.869	-40.261	-31.900	-23.662	-16.448
341	3.40	-10.979	-7.661	-6.557	-7.415	-9.725	-12.757	-15.607	-17.278	-16.851	-13.791
351	3.50	-8.104	-0.564	7.451	14.319	18.687	19.943	18.406	15.167	11.620	8.898
361	3.60	7.485	7.186	7.442	7.841	8.504	10.142	13.721	19.891	28.487	38.372
371	3.70	47.760	54.882	58.691	59.276	57.770	55.803	54.769	55.259	56.936	58.883
381	3.80	60.206	60.574	60.383	60.461	61.484	63.431	65.393	65.881	63.501	57.674
391	3.90	49.035	39.280	30.532	24.485	21.750	21.676	22.731	23.224	22.039	19.012
401	4.00	14.835	10.566	7.035	4.454	2.424	0.286	-2.383	-5.434	-8.157	-9.628
411	4.10	-9.221	-7.003	-3.799	-0.891	0.506	-0.270	-3.114	-7.291	-11.844	-16.038
421	4.20	-19.622	-22.789	-25.888	-29.090	-32.199	-34.748	-36.311	-36.871	-36.996	-37.706
431	4.30	-40.066	-44.559	-50.937	-58.021	-64.207	-68.080	-68.986	-67.299	-64.235	-61.314
441	4.40	-59.716	-59.822	-61.139	-62.634	-63.274	-62.527	-60.577	-58.165	-56.172	-55.145
451	4.50	-55.026	-55.183	-54.739	-52.993	-49.745	-45.369	-40.502	-35.876	-31.803	-28.149
461	4.60	-24.453	-20.226	-15.254	-9.749	-4.276	0.508	4.168	6.695	8.519	10.319
471	4.70	12.765	16.156	20.518	25.455	30.642	35.006	38.873	41.991	44.463	46.437
481	4.80	48.030	49.306	50.324	51.197	52.121	53.341	55.075	57.418	60.279	63.386
491	4.90	66.353	68.798	70.455	71.241	71.271	70.802	70.141	69.553	69.193	69.087

Table 7—22—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIMAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	69.152	69.246	69.219	68.940	68.294	67.164	65.414	62.900	59.510	55.229
511	5.10	50.185	44.642	38.933	33.335	27.959	22.695	17.270	11.398	4.965	-1.866
521	5.20	-8.581	-14.678	-19.762	-23.786	-27.309	-31.160	-36.202	-42.918	-51.125	-59.947
531	5.30	-68.072	-74.209	-77.561	-78.107	-76.605	-74.277	-72.377	-71.747	-72.601	-74.561
541	5.40	-76.904	-78.883	-79.981	-80.003	-79.011	-77.179	-74.663	-71.558	-67.936	-63.922
551	5.50	-59.731	-55.628	-51.831	-48.409	-45.253	-42.136	-38.842	-35.315	-31.694	-28.260
561	5.60	-25.281	-22.844	-20.769	-18.652	-16.039	-12.632	-8.448	-3.837	0.651	4.486
571	5.70	7.373	9.353	10.769	12.096	13.749	15.922	18.574	21.470	24.356	27.071
581	5.80	29.600	32.034	34.478	36.949	39.347	41.685	43.190	44.401	45.214	45.857
591	5.90	46.588	47.581	48.844	50.213	51.425	52.228	52.512	52.349	51.969	51.669
601	6.00	51.683	52.089	52.768	53.456	53.862	53.686	52.913	51.632	50.099	48.621
611	6.10	47.444	46.670	46.217	45.861	45.199	43.946	41.814	38.680	34.593	29.758
621	6.20	24.497	19.185	14.184	9.775	6.115	3.211	0.925	-0.986	-2.811	-4.807
631	6.30	-7.134	-9.820	-12.764	-15.786	-18.708	-21.432	-23.988	-26.518	-29.213	-32.206
641	6.40	-35.489	-38.871	-42.026	-44.609	-46.385	-47.335	-47.664	-47.715	-47.825	-48.173
651	6.50	-48.720	-49.244	-49.473	-49.247	-48.610	-47.803	-47.136	-46.809	-46.788	-46.780
661	6.60	-46.385	-45.281	-43.627	-41.129	-38.939	-37.434	-36.967	-37.522	-38.729	-40.038
671	6.70	-40.969	-41.291	-41.070	-40.556	-39.980	-39.388	-38.592	-37.296	-35.243	-32.434
681	6.80	-29.159	-25.899	-23.124	-21.094	-19.752	-18.774	-17.727	-16.246	-14.143	-11.398
691	6.90	-8.067	-4.176	0.318	5.469	11.231	17.367	23.465	29.061	33.850	37.728
701	7.00	41.015	44.123	47.444	51.143	55.101	59.013	62.591	65.745	68.638	71.575
711	7.10	74.778	78.184	81.381	83.747	84.726	84.117	82.222	79.775	77.663	76.574
721	7.20	76.719	77.743	78.843	79.036	77.456	73.562	67.241	58.790	48.852	38.321
731	7.30	28.233	19.612	13.263	9.547	8.220	8.429	8.909	8.357	5.862	1.082
741	7.40	-5.519	-13.109	-20.780	-27.931	-34.420	-40.457	-46.290	-51.879	-56.737	-60.069
751	7.50	-61.014	-59.261	-55.115	-49.592	-44.105	-40.014	-38.216	-38.940	-41.795	-46.020
761	7.60	-50.774	-55.337	-59.164	-61.832	-62.966	-62.250	-59.531	-56.967	-49.115	-42.871
771	7.70	-37.256	-33.127	-30.925	-30.580	-31.595	-33.263	-34.904	-36.015	-36.294	-35.565
781	7.80	-33.691	-30.548	-26.099	-20.505	-14.222	-7.968	-2.572	1.259	3.162	3.218
791	7.90	1.902	-0.099	-2.097	-3.572	-4.223	-3.916	-2.581	-0.148	3.447	8.187
801	8.00	13.857	19.789	25.888	30.765	33.931	35.002	34.027	31.518	28.564	25.661
811	8.10	24.371	25.278	28.599	33.999	40.627	47.313	52.866	56.374	57.457	56.233
821	8.20	53.397	49.765	46.085	42.798	39.980	37.438	34.913	32.251	29.488	26.788
831	8.30	24.303	22.023	19.731	17.085	13.787	9.765	5.239	0.670	-3.447	-6.789
841	8.40	-9.343	-11.392	-13.353	-15.565	-18.119	-20.826	-23.340	-25.355	-26.791	-27.851
851	8.50	-28.941	-30.468	-32.641	-35.355	-38.215	-40.696	-42.343	-42.941	-42.570	-41.546
861	8.60	-40.292	-39.191	-38.490	-38.266	-38.453	-38.886	-39.346	-39.596	-39.414	-38.632
871	8.70	-37.183	-35.124	-32.622	-29.886	-27.070	-24.211	-21.205	-17.688	-14.161	-10.108
881	8.80	-6.031	-2.368	0.683	2.362	3.450	4.235	5.525	7.202	10.019	13.548
891	8.90	17.309	20.804	23.751	26.202	28.477	30.968	33.905	37.218	40.557	43.474
901	9.00	45.643	47.022	47.875	48.603	49.552	50.810	52.186	53.513	53.857	53.691
911	9.10	52.960	51.997	51.147	50.601	50.326	50.119	49.740	49.035	47.971	46.567
921	9.20	44.769	42.379	39.096	34.677	29.167	22.920	16.748	11.480	7.722	5.560
931	9.30	4.698	3.841	2.071	-0.768	-4.851	-9.629	-14.317	-18.289	-21.557	-23.820
941	9.40	-26.251	-29.156	-32.667	-36.653	-39.874	-42.302	-43.450	-43.515	-43.094	-42.893
951	9.50	-43.406	-44.713	-46.500	-48.274	-49.650	-50.543	-51.171	-51.872	-52.837	-53.926
961	9.60	-54.672	-54.487	-52.966	-50.137	-46.524	-42.978	-40.548	-39.147	-39.367	-40.505
971	9.70	-41.798	-42.520	-42.230	-40.856	-38.580	-35.721	-32.509	-29.054	-25.388	-21.577
981	9.80	-17.805	-14.366	-11.552	-9.504	-8.101	-6.971	-5.614	-3.597	-0.720	2.925
991	9.90	7.025	11.207	15.189	18.867	22.273	25.473	28.465	31.049	33.094	34.476

Table 7—22—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) I= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	35.305	35.939	36.875	38.536	41.159	44.499	48.085	51.316	53.736	55.193
1011	10.10	55.886	56.187	56.466	56.775	57.001	56.785	55.833	54.102	51.870	49.638
1021	10.20	47.896	46.873	46.426	46.074	45.218	43.403	40.687	36.651	32.239	27.528
1031	10.30	22.572	17.209	11.230	6.432	2.201	-8.511	-13.393	-16.152	-16.635	-15.367
1041	10.40	-13.428	-12.101	-12.162	-14.968	-19.448	-25.236	-31.362	-36.946	-41.383	-44.299
1051	10.50	-45.948	-46.118	-45.045	-42.917	-40.031	-36.828	-33.856	-31.645	-30.547	-30.620
1061	10.60	-31.610	-33.051	-34.436	-35.365	-35.611	-35.091	-33.768	-31.575	-28.414	-24.241
1071	10.70	-19.199	-13.698	-8.395	-4.036	-1.231	-0.232	-0.833	-2.418	-4.150	-5.218
1081	10.80	-5.046	-3.611	-0.437	3.502	7.902	12.237	16.335	18.921	20.653	21.155
1091	10.90	20.543	19.118	17.314	15.608	14.408	13.977	14.391	15.565	17.302	19.349
1101	11.00	21.427	23.251	24.541	25.055	24.651	23.344	21.335	18.974	16.657	14.706
1111	11.10	13.268	12.302	11.640	11.118	10.671	10.366	10.327	10.607	11.072	11.370
1121	11.20	11.028	9.629	6.999	3.298	-1.016	-5.357	-9.221	-12.336	-14.697	-16.469
1131	11.30	-17.829	-18.840	-19.431	-19.680	-18.968	-18.079	-17.203	-16.810	-17.256	-18.614
1141	11.40	-20.625	-22.794	-24.583	-25.618	-25.805	-25.312	-24.439	-23.452	-22.471	-21.468
1151	11.50	-20.357	-19.111	-17.836	-16.743	-16.039	-15.796	-15.067	-15.935	-15.619	-14.647
1161	11.60	-12.959	-10.713	-8.186	-5.627	-3.149	-0.719	1.756	4.290	6.726	8.745
1171	11.70	9.997	10.275	9.669	8.583	7.619	7.346	8.080	9.768	12.021	14.297
1181	11.80	16.128	17.289	17.845	18.048	18.163	18.312	18.419	18.276	17.693	16.643
1191	11.90	15.317	14.064	13.239	13.043	13.436	14.163	14.884	15.328	15.411	15.238
1201	12.00	15.008	14.883	14.875	14.829	14.504	13.704	12.393	10.728	9.006	7.539
1211	12.10	6.545	6.083	6.081	6.420	7.013	7.840	8.910	10.178	11.478	12.514
1221	12.20	12.939	12.494	11.136	9.090	6.802	4.792	3.476	3.038	3.395	4.262
1231	12.30	5.280	6.139	6.661	6.699	6.281	5.358	3.900	1.907	-0.526	-3.168
1241	12.40	-5.697	-7.766	-9.133	-9.768	-9.826	-9.631	-9.525	-9.761	-10.433	-11.494
1251	12.50	-12.822	-14.302	-15.873	-17.509	-19.169	-20.741	-22.038	-22.855	-23.066	-22.704
1261	12.60	-21.990	-21.240	-20.757	-20.681	-20.927	-21.227	-21.258	-20.813	-19.913	-18.818
1271	12.70	-17.921	-17.573	-17.926	-18.866	-20.058	-21.091	-21.643	-21.587	-21.003	-20.088
1281	12.80	-19.036	-17.932	-16.760	-15.548	-13.986	-12.498	-11.233	-10.471	-10.374	-10.870
1291	12.90	-11.626	-12.142	-11.923	-10.671	-8.401	-5.632	-2.258	0.639	2.960	4.662
1301	13.00	5.921	6.997	8.097	9.278	10.457	11.501	12.354	13.123	14.073	15.537
1311	13.10	17.763	20.786	24.365	28.057	31.338	33.783	35.185	35.599	35.279	34.565
1321	13.20	33.762	33.064	32.551	32.233	32.110	32.197	32.507	32.994	33.497	33.730
1331	13.30	33.332	31.986	29.527	26.053	21.920	17.674	13.916	11.144	9.638	9.406
1341	13.40	10.203	11.595	13.051	14.029	14.068	12.766	10.029	5.929	0.821	-4.716
1351	13.50	-9.958	-14.219	-16.595	-18.101	-17.724	-16.355	-14.468	-13.241	-12.596	-12.923
1361	13.60	-14.193	-16.207	-18.702	-21.414	-24.117	-26.605	-28.677	-30.134	-30.812	-30.633
1371	13.70	-29.655	-28.071	-26.171	-24.267	-22.615	-21.369	-20.588	-20.275	-20.410	-20.980
1381	13.80	-21.929	-23.102	-24.199	-24.785	-24.376	-22.597	-19.335	-14.842	-9.722	-4.792
1391	13.90	-0.857	1.519	2.172	1.370	-0.296	-2.109	-3.437	-3.888	-3.355	-1.958
1401	14.00	0.078	2.545	5.321	8.350	11.569	14.809	17.750	19.955	20.995	20.619
1411	14.10	18.899	16.278	13.488	11.343	10.487	11.181	13.222	16.021	18.826	20.984
1421	14.20	22.146	22.332	21.835	21.021	20.123	19.140	17.869	16.069	13.654	10.823
1431	14.30	8.039	5.872	4.763	4.834	5.814	7.137	8.151	8.366	7.501	5.694
1441	14.40	3.198	0.518	-2.721	-5.810	-8.861	-11.741	-14.195	-15.880	-16.486	-15.871
1451	14.50	-14.155	-11.713	-9.068	-6.733	-5.079	-4.278	-4.334	-5.158	-6.632	-8.616
1461	14.60	-10.910	-13.199	-15.052	-16.004	-15.700	-14.046	-11.284	-7.952	-4.718	-2.170
1471	14.70	-0.646	-0.167	-0.506	-1.334	-2.366	-3.436	-4.481	-5.452	-6.254	-6.624
1481	14.80	-6.406	-5.455	-3.863	-1.939	-0.132	1.122	1.561	1.170	0.159	-1.158
1491	14.90	-2.496	-3.684	-4.668	-5.426	-5.889	-5.892	-5.239	-3.818	-1.733	0.646

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) I= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	2.754	4.013	4.052	2.864	0.836	-1.356	-3.117	-3.872	-3.432	-2.149
1511	15.10	-0.206	1.965	4.123	6.207	8.268	10.341	12.347	14.064	15.208	15.579
1521	15.20	15.185	14.293	13.362	12.880	13.193	14.377	16.232	18.382	20.423	22.057
1531	15.30	23.146	23.664	23.597	22.858	21.278	18.701	15.131	10.857	6.473	2.759
1541	15.40	0.441	-0.069	1.151	3.527	6.163	8.127	8.750	7.700	5.180	1.586
1551	15.50	-2.593	-6.958	-11.247	-15.276	-18.844	-21.662	-23.402	-23.827	-22.950	-21.132
1561	15.60	-19.021	-17.371	-16.770	-17.431	-19.121	-21.279	-23.260	-24.591	-25.127	-25.031
1571	15.70	-24.606	-24.077	-23.440	-22.461	-20.826	-18.360	-15.190	-11.762	-8.693	-6.527
1581	15.80	-5.512	-5.511	-6.096	-6.749	-7.120	-7.130	-6.939	-6.769	-6.677	-6.443
1591	15.90	-5.608	-3.693	-0.475	3.817	8.493	12.605	15.294	16.115	15.211	13.241
1601	16.00	11.116	9.642	9.267	9.898	11.213	12.716	14.082	15.250	16.376	17.654
1611	16.10	19.117	20.537	21.486	21.512	20.378	18.184	15.366	12.530	10.223	8.735
1621	16.20	8.032	7.828	7.750	7.504	6.956	6.112	5.024	3.703	2.099	0.172
1631	16.30	-2.008	-4.176	-5.906	-6.741	-6.388	-4.876	-2.591	-0.158	1.774	2.770
1641	16.40	2.737	1.909	0.698	-0.508	-1.488	-2.229	-2.831	-3.372	-3.801	-3.926
1651	16.50	-3.514	-2.627	-0.741	1.249	3.116	4.462	5.056	4.897	4.173	3.155
1661	16.60	2.095	1.163	0.458	0.060	0.064	0.570	1.618	3.111	4.782	6.236
1671	16.70	7.072	7.025	6.069	4.420	2.447	0.521	-1.108	-2.366	-3.318	-4.073
1681	16.80	-4.692	-5.154	-5.394	-5.386	-5.203	-5.037	-5.123	-5.643	-6.632	-7.952
1691	16.90	-9.351	-10.568	-11.438	-11.944	-12.198	-12.364	-12.576	-12.885	-13.271	-13.683
1701	17.00	-14.087	-14.486	-14.892	-15.286	-15.578	-15.621	-15.264	-14.425	-13.147	-11.591
1711	17.10	-9.985	-8.528	-7.322	-6.345	-5.485	-4.618	-3.676	-2.682	-1.724	-0.900
1721	17.20	-0.256	0.244	0.705	1.245	1.968	2.833	3.855	4.932	5.996	6.994
1731	17.30	7.897	8.680	9.311	9.760	10.021	10.135	10.195	10.318	10.597	11.047
1741	17.40	11.588	12.058	12.271	12.090	11.475	10.501	9.325	8.135	7.093	6.309
1751	17.50	5.832	5.666	5.791	6.163	6.706	7.309	7.825	8.103	8.027	7.560
1761	17.60	6.760	5.765	4.748	3.860	3.192	2.759	2.524	2.436	2.453	2.578
1771	17.70	2.825	3.200	3.676	4.184	4.632	4.937	5.065	5.043	4.960	4.931
1781	17.80	5.054	5.372	5.852	6.381	6.806	6.967	6.756	6.151	5.229	4.151
1791	17.90	3.119	2.309	1.812	1.598	1.521	1.351	0.906	0.024	-1.283	-2.877
1801	18.00	-4.533	-6.019	-7.176	-7.964	-8.467	-8.869	-9.280	-9.882	-10.692	-11.672
1811	18.10	-12.739	-13.807	-14.808	-15.694	-16.429	-16.975	-17.291	-17.359	-17.205	-16.912
1821	18.20	-16.611	-16.436	-16.464	-16.680	-16.965	-17.137	-17.027	-16.542	-15.711	-14.661
1831	18.30	-13.566	-12.551	-11.661	-10.814	-9.959	-8.953	-7.828	-6.703	-5.757	-5.135
1841	18.40	-4.854	-4.760	-4.557	-3.909	-2.573	-0.503	2.120	4.946	7.578	9.704
1851	18.50	11.187	12.078	12.550	12.805	12.983	13.126	13.212	13.215	13.172	13.203
1861	18.60	13.473	14.119	15.166	16.491	17.847	18.949	19.577	19.655	19.279	18.665
1871	18.70	18.055	17.627	17.432	17.395	17.370	17.222	16.889	16.405	15.873	15.403
1881	18.80	15.051	14.785	14.691	14.020	13.244	12.101	10.608	8.849	6.934	4.970
1891	18.90	3.036	1.187	-0.539	-2.113	-3.512	-4.734	-5.809	-6.796	-7.765	-8.768
1901	19.00	-9.808	-10.836	-11.768	-12.530	-13.101	-13.529	-13.919	-14.383	-14.985	-15.703
1911	19.10	-16.446	-17.092	-17.564	-17.867	-18.089	-18.368	-18.712	-19.137	-19.468	-19.495
1921	19.20	-19.063	-18.162	-16.962	-15.758	-14.945	-14.385	-14.320	-14.387	-14.225	-13.528
1931	19.30	-12.180	-10.290	-8.135	-6.021	-4.144	-2.511	-0.970	0.683	2.568	4.622
1941	19.40	6.605	8.191	9.107	9.264	8.804	8.059	7.435	7.277	7.773	8.914
1951	19.50	10.536	12.389	14.217	15.816	17.059	17.885	18.310	18.386	18.195	17.822
1961	19.60	17.336	16.771	16.135	15.433	14.696	14.015	13.528	13.377	13.635	14.242
1971	19.70	14.982	15.531	15.553	14.818	13.275	11.074	8.491	5.834	3.339	1.127
1981	19.80	-0.788	-2.436	-3.841	-4.996	-5.896	-6.578	-7.161	-7.826	-8.752	-10.036
1991	19.90	-11.637	-13.392	-15.090	-16.575	-17.819	-18.918	-20.009	-21.162	-22.294	-23.177

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-23.537	-23.206	-22.236	-20.913	-19.672	-18.297	-18.765	-19.169	-19.778	-20.203
2011	20.10	-20.175	-19.654	-18.798	-17.823	-16.831	-15.712	-14.180	-11.943	-8.911	-5.336
2021	20.20	-1.781	1.053	2.633	2.819	1.955	0.741	-0.063	0.161	1.502	3.721
2031	20.30	6.338	8.912	11.242	13.407	15.646	18.136	20.815	23.343	25.232	26.083
2041	20.40	25.805	24.685	23.293	22.235	21.898	22.316	23.197	24.161	24.854	25.305
2051	20.50	25.701	26.299	27.167	28.040	28.355	27.494	25.095	21.299	16.777	12.510
2061	20.60	9.413	7.968	8.049	9.012	10.013	10.380	9.873	8.695	7.272	5.925
2071	20.70	4.629	2.993	0.475	-3.260	-8.061	-13.223	-17.710	-20.569	-21.335	-20.244
2081	20.80	-18.146	-16.146	-15.169	-15.621	-17.318	-19.676	-22.050	-24.033	-25.575	-26.877
2091	20.90	-28.139	-29.335	-30.138	-30.057	-28.702	-26.043	-22.506	-18.853	-15.893	-14.171
2101	21.00	-13.778	-14.365	-15.349	-16.181	-16.546	-16.403	-15.876	-15.066	-13.929	-12.281
2111	21.10	-9.931	-6.866	-3.362	0.052	2.774	4.373	4.770	4.270	3.423	2.788
2121	21.20	2.725	3.299	4.343	5.620	6.989	8.476	10.208	12.267	14.540	16.677
2131	21.30	18.184	18.628	17.846	16.058	13.815	11.809	10.628	10.550	11.492	13.094
2141	21.40	14.900	16.542	17.834	18.752	19.329	19.547	19.286	18.375	16.707	14.367
2151	21.50	11.679	9.145	7.290	6.470	6.737	7.804	9.140	10.145	10.334	9.465
2161	21.60	7.576	6.923	5.897	-1.097	-3.699	-5.637	-6.742	-6.950	-6.375	-5.221
2171	21.70	-3.850	-2.677	-2.066	-2.221	-3.145	-4.662	-6.419	-8.215	-9.901	-11.496
2181	21.80	-13.098	-14.753	-16.348	-17.593	-18.119	-17.657	-16.210	-14.129	-12.033	-10.590
2191	21.90	-10.255	-11.069	-12.650	-14.339	-15.483	-15.708	-15.047	-13.888	-12.751	-12.015
2201	22.00	-11.729	-11.598	-11.145	-9.963	-7.962	-5.345	-2.708	-0.614	0.555	0.767
2211	22.10	0.331	-0.245	-0.463	-0.007	1.196	3.007	5.205	7.568	9.932	12.170
2221	22.20	14.155	15.732	16.747	17.110	16.862	16.191	15.386	14.734	14.417	14.459
2231	22.30	14.749	15.124	15.472	15.786	16.145	16.638	17.263	17.881	18.238	18.058
2241	22.40	17.176	15.612	13.611	11.549	9.818	8.698	8.277	8.445	8.944	9.456
2251	22.50	9.680	9.390	8.451	6.829	4.585	1.862	-1.123	-4.109	-6.831	-9.070
2261	22.60	-10.693	-11.674	-12.091	-12.095	-11.880	-11.643	-11.562	-11.780	-12.389	-13.423
2271	22.70	-14.844	-16.547	-18.377	-20.153	-21.707	-22.905	-23.660	-23.938	-23.754	-23.167
2281	22.80	-22.292	-21.296	-20.381	-19.739	-19.502	-19.682	-20.165	-20.737	-21.163	-21.271
2291	22.90	-20.999	-20.392	-19.532	-18.457	-17.106	-15.338	-13.021	-10.153	-6.942	-3.795
2301	23.00	-1.196	0.478	1.130	1.005	0.617	0.559	1.273	2.897	5.242	7.910
2311	23.10	10.696	12.766	14.729	16.582	18.548	20.718	22.961	24.964	26.371	26.956
2321	23.20	26.750	26.045	25.291	24.923	25.202	26.126	27.454	28.816	29.847	30.311
2331	23.30	30.151	29.473	28.473	27.352	26.235	25.136	23.957	22.529	20.677	18.295
2341	23.40	15.503	12.176	8.905	5.930	3.536	1.851	0.822	0.225	-0.237	-0.832
2351	23.50	-1.704	-2.860	-4.214	-5.675	-7.225	-8.941	-10.943	-13.299	-15.931	-18.591
2361	23.60	-20.918	-22.564	-23.341	-23.300	-22.719	-21.998	-21.498	-21.413	-21.725	-22.251
2371	23.70	-22.767	-23.125	-23.316	-23.425	-23.551	-23.676	-23.623	-23.093	-21.806	-19.649
2381	23.80	-16.796	-13.692	-10.928	-9.026	-8.222	-8.368	-8.954	-9.282	-8.721	-6.929
2391	23.90	-3.973	-0.287	3.489	6.737	9.057	10.358	10.824	10.785	10.568	10.378
2401	24.00	10.280	10.245	10.248	10.332	10.619	11.257	12.324	13.761	15.360	16.828
2411	24.10	17.886	18.375	18.291	17.762	16.968	16.047	15.051	13.958	12.741	11.439
2421	24.20	10.188	9.188	8.612	8.506	8.738	9.020	9.015	8.465	7.298	5.663
2431	24.30	3.774	1.979	0.450	-0.784	-1.825	-2.825	-3.875	-4.949	-5.914	-6.606
2441	24.40	-6.941	-6.982	-6.956	-7.179	-7.944	-9.399	-11.481	-13.912	-16.273	-18.113
2451	24.50	-19.070	-18.953	-17.782	-15.769	-13.262	-10.665	-8.352	-6.600	-5.559	-5.250
2461	24.60	-5.598	-6.470	-7.710	-9.150	-10.591	-11.795	-12.484	-12.385	-11.315	-9.263
2471	24.70	-6.449	-3.302	-0.362	1.880	3.126	3.353	2.796	1.817	0.776	-0.105
2481	24.80	-0.756	-1.193	-1.398	-1.240	-0.674	1.140	3.674	6.897	10.261	13.062
2491	24.90	14.585	14.566	13.133	10.876	8.620	7.126	6.828	7.721	9.425	11.386

Table 7—22—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	13.122	14.385	15.193	15.719	16.134	16.473	16.598	16.281	15.337	13.744
2511	25.10	11.695	9.563	7.680	6.415	5.887	6.054	6.739	7.694	8.669	9.340
2521	25.20	9.517	8.965	7.546	5.264	2.303	-0.976	-4.110	-6.666	-8.359	-9.154
2531	25.30	-9.240	-8.951	-8.637	-8.549	-8.796	-9.369	-10.219	-11.320	-12.690	-14.349
2541	25.40	-16.241	-18.177	-19.838	-20.857	-20.950	-20.039	-18.308	-16.157	-14.086	-12.536
2551	25.50	-11.771	-11.827	-12.553	-13.690	-14.958	-16.104	-16.897	-17.107	-16.506	-16.903
2561	25.60	-12.235	-8.652	-4.560	-0.573	2.637	4.538	4.915	3.957	2.209	0.409
2571	25.70	-0.749	-0.812	0.316	2.397	4.980	7.579	9.826	11.545	12.745	13.545
2581	25.80	14.073	14.400	14.512	14.348	13.868	13.011	11.929	10.779	9.800	9.236
2591	25.90	9.286	10.041	11.441	13.253	15.089	16.470	16.950	16.245	14.348	11.571
2601	26.00	8.478	5.726	3.861	3.134	3.628	4.318	5.247	5.736	5.558	4.773
2611	26.10	3.646	2.460	1.359	0.270	-1.027	-2.730	-4.840	-7.058	-8.857	-9.680
2621	26.20	-9.192	-7.468	-5.012	-2.590	-0.939	-0.491	-1.218	-2.689	-4.282	-5.472
2631	26.30	-6.040	-6.119	-6.069	-6.245	-6.790	-7.549	-8.156	-8.226	-7.561	-6.269
2641	26.40	-4.724	-3.401	-2.672	-2.657	-3.197	-3.960	-4.594	-4.874	-4.749	-4.303
2651	26.50	-3.648	-2.841	-1.864	-0.666	0.745	2.236	3.576	4.495	4.816	4.529
2661	26.60	3.813	2.955	2.237	1.832	1.767	1.957	2.293	2.721	3.263	3.977
2671	26.70	4.869	5.826	6.606	6.904	6.476	5.248	3.371	1.188	-0.880	-2.464
2681	26.80	-3.356	-3.542	-3.170	-2.470	-1.674	-0.965	-0.467	-0.252	-0.363	-0.804
2691	26.90	-1.535	-2.451	-3.392	-4.173	-4.644	-4.734	-4.477	-3.997	-3.459	-3.010
2701	27.00	-2.737	-2.656	-2.736	-2.919	-3.174	-3.479	-3.827	-4.196	-4.538	-4.779
2711	27.10	-4.843	-4.674	-4.262	-3.662	-2.890	-2.096	-1.346	-0.706	-0.216	0.108
2721	27.20	0.274	0.309	0.259	0.175	0.104	0.080	0.118	0.215	0.367	0.575
2731	27.30	0.851	1.205	1.629	2.080	2.480	2.733	2.763	2.548	2.139	1.646
2741	27.40	1.200	0.901	0.781	0.793	0.864	0.838	0.722	0.514	0.286	0.122
2751	27.50	0.092	0.205	0.426	0.700	0.988	1.292	1.650	2.104	2.665	3.291
2761	27.60	3.890	4.351	4.596	4.612	4.460	4.250	4.093	4.057	4.147	4.313
2771	27.70	4.486	4.686	4.694	4.748	4.815	4.904	4.978	4.959	4.761	4.331
2781	27.80	3.683	2.891	2.076	1.341	0.736	0.247	-0.198	-0.676	-1.230	-1.841
2791	27.90	-2.436	-2.927	-3.255	-3.428	-3.518	-3.635	-3.869	-4.253	-4.742	-5.236
2801	28.00	-5.628	-5.852	-5.912	-5.874	-5.830	-5.868	-5.938	-6.048	-6.097	-6.016
2811	28.10	-5.788	-5.464	-5.137	-4.906	-4.830	-4.912	-5.097	-5.305	-5.460	-5.515
2821	28.20	-5.453	-5.278	-5.001	-4.633	-4.195	-3.729	-3.298	-2.971	-2.794	-2.769
2831	28.30	-2.746	-2.634	-2.259	-1.524	-0.439	0.869	2.202	3.362	4.226	4.793
2841	28.40	5.166	5.500	5.918	6.463	7.082	7.667	8.117	8.397	8.552	8.677
2851	28.50	8.852	9.094	9.336	9.457	9.355	9.009	8.514	8.055	7.830	7.968
2861	28.60	8.466	9.172	9.866	10.309	10.357	9.975	9.235	8.262	7.182	6.084
2871	28.70	5.024	4.059	3.265	2.741	2.572	2.769	3.234	3.756	4.074	3.963
2881	28.80	3.322	2.214	0.836	-0.579	-1.839	-2.885	-3.781	-4.650	-5.581	-6.554
2891	28.90	-7.435	-8.035	-8.217	-7.988	-7.526	-7.129	-7.097	-7.615	-8.673	-10.074
2901	29.00	-11.519	-12.722	-13.505	-13.835	-13.793	-13.504	-13.073	-12.557	-11.985	-11.397
2911	29.10	-10.867	-10.494	-10.350	-10.425	-10.608	-10.708	-10.562	-10.012	-9.153	-8.116
2921	29.20	-7.080	-6.164	-5.367	-4.589	-3.717	-2.735	-1.775	-1.085	-0.901	-1.296
2931	29.30	-2.078	-2.818	-2.998	-2.232	-0.457	2.015	4.603	6.693	7.895	8.195
2941	29.40	7.933	7.629	7.719	8.354	9.354	10.321	10.875	10.872	10.498	10.195
2951	29.50	10.442	11.510	13.308	15.386	17.111	17.915	17.519	16.016	13.816	11.459
2961	29.60	9.414	7.937	7.051	6.615	6.448	6.429	6.519	6.729	7.047	7.388
2971	29.70	7.593	7.482	6.923	5.888	4.663	2.813	1.120	-0.465	-1.849	-2.985
2981	29.80	-3.853	-4.444	-4.769	-4.877	-4.869	-4.897	-5.122	-5.667	-6.569	-7.762
2991	29.90	-9.098	-10.401	-11.515	-12.340	-12.835	-12.994	-12.824	-12.335	-11.558	-10.576

Table 7—22—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-9.541	-8.665	-8.162	-8.169	-8.680	-9.514	-10.359	-10.862	-10.750	-9.922
3011	30.10	-8.484	-6.709	-4.936	-3.452	-2.409	-1.789	-1.444	-1.175	-0.821	-0.316
3021	30.20	0.304	0.935	1.471	1.856	2.108	2.303	2.534	2.863	3.292	3.767
3031	30.30	4.206	4.560	4.739	4.821	4.838	4.839	4.853	4.877	4.891	4.882
3041	30.40	4.859	4.852	4.896	5.002	5.144	5.265	5.306	5.241	5.095	4.937
3051	30.50	4.837	4.818	4.828	4.752	4.474	3.950	3.271	2.658	2.395	2.699
3061	30.60	3.611	4.935	6.280	7.188	7.302	6.503	4.956	3.038	1.199	-0.214
3071	30.70	-1.052	-1.382	-1.399	-1.306	-1.208	-1.090	-0.868	-0.484	0.014	0.458
3081	30.80	0.624	0.360	-0.413	-1.472	-2.545	-3.331	-3.645	-3.492	-3.052	-2.590
3091	30.90	-2.336	-2.389	-2.702	-3.178	-3.512	-3.777	-3.944	-4.106	-4.353	-4.706
3101	31.00	-5.090	-5.368	-5.410	-5.156	-4.648	-4.015	-3.412	-2.955	-2.686	-2.573
3111	31.10	-2.547	-2.553	-2.573	-2.626	-2.741	-2.921	-3.129	-3.297	-3.360	-3.288
3121	31.20	-3.099	-2.846	-2.583	-2.333	-2.074	-1.755	-1.332	-0.797	-0.199	0.377
3131	31.30	0.839	1.135	1.267	1.290	1.283	1.308	1.390	1.516	1.641	1.738
3141	31.40	1.798	1.838	1.893	1.987	2.130	2.304	2.484	2.648	2.787	2.905
3151	31.50	3.008	3.104	3.190	3.267	3.343	3.433	3.562	3.738	3.948	4.149
3161	31.60	4.280	4.286	4.145	3.876	3.539	3.204	2.923	2.710	2.539	2.368
3171	31.70	2.166	1.937	1.723	1.588	1.578	1.702	1.917	2.147	2.311	2.362
3181	31.80	2.300	2.167	2.026	1.924	1.875	1.853	1.807	1.693	1.488	1.202
3191	31.90	0.870	0.533	0.218	-0.068	-0.341	-0.622	-0.930	-1.271	-1.636	-2.010
3201	32.00	-2.373	-2.711	-3.013	-3.269	-3.469	-3.606	-3.678	-3.697	-3.683	-3.667
3211	32.10	-3.672	-3.714	-3.785	-3.867	-3.932	-3.962	-3.958	-3.941	-3.950	-4.026
3221	32.20	-4.193	-4.449	-4.759	-5.067	-5.310	-5.438	-5.435	-5.322	-5.149	-4.979
3231	32.30	-4.857	-4.799	-4.776	-4.725	-4.573	-4.264	-3.786	-3.175	-2.511	-1.884
3241	32.40	-1.372	-1.007	-0.769	-0.600	-0.426	-0.188	0.136	0.529	0.943	1.320
3251	32.50	1.614	1.806	1.901	1.922	1.898	1.858	1.825	1.822	1.878	2.018
3261	32.60	2.261	2.608	3.032	3.479	3.881	4.176	4.324	4.326	4.215	4.049
3271	32.70	3.889	3.781	3.749	3.792	3.897	4.044	4.213	4.383	4.534	4.636
3281	32.80	4.666	4.606	4.459	4.251	4.027	3.837	3.718	3.679	3.702	3.752
3291	32.90	3.789	3.790	3.756	3.705	3.661	3.642	3.645	3.657	3.657	3.636
3301	33.00	3.601	3.571	3.569	3.606	3.674	3.743	3.778	3.744	3.619	3.399
3311	33.10	3.092	2.713	2.286	1.842	1.423	1.082	0.869	0.813	0.900	1.065
3321	33.20	1.205	1.207	0.996	0.560	-0.034	-0.660	-1.183	-1.505	-1.602	-1.532
3331	33.30	-1.407	-1.356	-1.472	-1.798	-2.316	-2.974	-3.713	-4.481	-5.248	-5.995
3341	33.40	-6.708	-7.373	-7.977	-8.518	-9.004	-9.453	-9.875	-10.268	-10.610	-10.874
3351	33.50	-11.040	-11.117	-11.140	-11.159	-11.211	-11.298	-11.388	-11.424	-11.367	-11.215
3361	33.60	-11.009	-10.810	-10.647	-10.485	-10.213	-9.679	-8.764	-7.451	-5.858	-4.218
3371	33.70	-2.800	-1.811	-1.317	-1.228	-1.346	-1.459	-1.433	-1.250	-0.986	-0.730
3381	33.80	-0.503	-0.218	0.298	1.203	2.547	4.199	5.871	7.215	7.960	8.028
3391	33.90	7.568	6.897	6.368	6.230	6.540	7.176	7.922	8.588	9.107	9.551
3401	34.00	10.067	10.771	11.654	12.559	13.230	13.422	13.012	12.064	10.812	9.576
3411	34.10	8.651	8.217	8.296	8.776	9.465	10.147	10.623	10.717	10.286	9.236
3421	34.20	7.560	5.384	2.985	0.762	-0.858	-1.543	-1.174	0.101	1.909	3.765
3431	34.30	5.227	6.017	6.072	5.500	4.491	3.208	1.735	0.091	-1.705	-3.558
3441	34.40	-5.268	-6.563	-7.188	-7.018	-6.121	-4.760	-3.320	-2.190	-1.650	-1.863
3451	34.50	-2.773	-4.253	-6.111	-8.135	-10.102	-11.778	-12.925	-13.343	-12.934	-11.765
3461	34.60	-10.092	-8.308	-6.841	-6.015	-5.965	-6.507	-7.393	-8.236	-8.744	-8.791
3471	34.70	-8.414	-7.762	-6.991	-6.186	-5.340	-4.401	-3.349	-2.263	-1.326	-0.770
3481	34.80	-0.769	-1.347	-2.333	-3.397	-4.159	-4.319	-3.758	-2.567	-1.002	0.619
3491	34.90	2.022	3.058	3.708	4.046	4.173	4.167	4.058	3.856	3.585	3.321

Table 7—22—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	3.188	3.332	3.860	4.790	6.036	7.422	8.733	9.774	10.414	10.597
3511	35.10	10.328	9.643	8.591	7.228	5.649	4.012	2.564	1.520	1.189	1.693
3521	35.20	2.993	4.852	6.874	8.613	9.700	9.967	9.396	8.271	6.908	5.609
3531	35.30	4.567	3.827	3.322	2.950	2.650	2.441	2.407	2.628	3.114	3.753
3541	35.40	4.335	4.610	4.391	3.626	2.423	1.004	-0.380	-1.549	-2.443	-3.123
3551	35.50	-3.712	-4.312	-4.940	-5.520	-5.924	-6.045	-5.871	-5.500	-5.120	-4.925
3561	35.60	-5.045	-5.491	-6.163	-6.900	-7.549	-8.028	-8.339	-8.545	-8.721	-8.907
3571	35.70	-9.097	-9.249	-9.328	-9.333	-9.305	-9.299	-9.368	-9.430	-9.465	-9.351
3581	35.80	-9.012	-8.440	-7.705	-6.927	-6.225	-5.662	-5.227	-4.850	-4.445	-3.960
3591	35.90	-3.395	-2.794	-2.207	-1.648	-1.084	-0.455	0.275	1.074	1.827	2.365
3601	36.00	2.537	2.275	1.644	0.827	0.066	-0.417	-0.488	-0.129	0.590	1.561
3611	36.10	2.690	3.921	5.219	6.537	7.788	8.832	9.526	9.761	9.515	8.870
3621	36.20	7.986	7.055	6.241	5.650	5.321	5.245	5.391	5.716	6.166	6.662
3631	36.30	7.102	7.368	7.359	7.020	6.365	5.467	4.431	3.363	2.351	1.460
3641	36.40	0.752	0.298	0.171	0.412	0.991	1.777	2.553	3.080	3.182	2.821
3651	36.50	2.113	1.288	0.584	0.146	-0.037	-0.120	-0.310	-0.761	-1.482	-2.322
3661	36.60	-3.059	-3.468	-3.474	-3.169	-2.784	-2.581	-2.738	-3.277	-4.058	-4.855
3671	36.70	-5.453	-5.739	-5.729	-5.538	-5.312	-5.154	-5.088	-5.065	-5.009	-4.861
3681	36.80	-4.615	-4.312	-4.014	-3.773	-3.608	-3.506	-3.436	-3.376	-3.303	-3.215
3691	36.90	-3.109	-2.974	-2.796	-2.566	-2.287	-1.980	-1.672	-1.376	-1.084	-0.764
3701	37.00	-0.374	0.113	0.689	1.310	1.910	2.430	2.842	3.165	3.459	3.797
3711	37.10	4.244	4.832	5.553	6.368	7.214	8.018	8.704	9.201	9.453	9.434
3721	37.20	9.161	8.706	8.179	7.707	7.387	7.259	7.286	7.368	7.381	7.216
3731	37.30	6.824	6.218	5.460	4.624	3.766	2.906	2.030	1.117	0.166	-0.797
3741	37.40	-1.715	-2.531	-3.216	-3.781	-4.286	-4.810	-5.423	-6.158	-6.994	-7.867
3751	37.50	-8.693	-9.396	-9.933	-10.303	-10.535	-10.678	-10.773	-10.868	-10.984	-11.065
3761	37.60	-11.162	-11.238	-11.272	-11.236	-11.105	-10.861	-10.508	-10.080	-9.635	-9.240
3771	37.70	-8.944	-8.745	-8.582	-8.333	-7.855	-7.032	-5.819	-4.269	-2.526	-0.788
3781	37.80	0.757	1.977	2.834	3.377	3.714	3.967	4.231	4.560	4.962	5.421
3791	37.90	5.915	6.428	6.953	7.490	8.042	8.618	9.231	9.899	10.637	11.436
3801	38.00	12.257	13.025	13.649	14.058	14.231	14.217	14.120	14.059	14.119	14.303
3811	38.10	14.538	14.699	14.673	14.408	13.940	13.371	12.819	12.352	11.960	11.554
3821	38.20	11.011	10.237	9.206	7.967	6.613	5.227	3.837	2.414	0.896	-0.755
3831	38.30	-2.501	-4.216	-5.707	-6.777	-7.297	-7.255	-6.770	-6.067	-5.415	-5.063
3841	38.40	-5.181	-5.827	-6.938	-8.355	-9.856	-11.214	-12.247	-12.860	-13.067	-12.969
3851	38.50	-12.715	-12.447	-12.248	-12.128	-12.043	-11.935	-11.784	-11.521	-11.518	-11.538
3861	38.60	-11.686	-11.890	-12.020	-11.945	-11.597	-11.010	-10.301	-9.612	-9.037	-8.570
3871	38.70	-8.117	-7.556	-6.823	-5.966	-5.142	-4.539	-4.274	-4.306	-4.423	-4.320
3881	38.80	-3.726	-2.538	-0.674	0.953	2.562	3.651	4.105	4.019	3.627	3.190
3891	38.90	2.885	2.762	2.770	2.838	2.947	3.160	3.581	4.285	5.239	6.291
3901	39.00	7.205	7.765	7.860	7.537	6.978	6.415	6.033	5.898	5.944	6.028
3911	39.10	6.012	5.836	5.544	5.261	5.129	5.234	5.568	6.022	6.425	6.600
3921	39.20	6.409	5.793	4.776	3.466	2.027	0.654	-0.462	-1.173	-1.407	-1.190
3931	39.30	-0.635	0.085	0.793	1.357	1.722	1.910	1.986	2.011	2.010	1.953
3941	39.40	1.780	1.436	0.910	0.249	-0.455	-1.078	-1.528	-1.746	-1.725	-1.502
3951	39.50	-1.145	-0.744	-0.405	-0.245	-0.322	-0.853	-1.684	-2.758	-3.875	-4.783
3961	39.60	-5.246	-5.121	-4.608	-3.254	-1.908	-0.637	0.351	0.958	1.201	1.172
3971	39.70	0.979	0.698	0.353	-0.060	-0.538	-1.032	-1.436	-1.606	-1.417	-0.809
3981	39.80	0.173	1.383	2.612	3.646	4.327	4.590	4.469	4.071	3.539	3.012
3991	39.90	2.603	2.387	2.410	2.690	3.216	3.937	4.761	5.549	6.140	6.382

Table 7—22—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	6.180	5.522	4.491	3.238	1.939	0.748	-0.234	-0.966	-1.444	-1.671
4011	40.10	-1.633	-1.309	-0.699	0.135	1.043	1.802	2.168	1.956	1.115	-0.236
4021	40.20	-1.837	-3.386	-4.526	-5.155	-5.241	-4.912	-4.370	-3.810	-3.371	-3.117
4031	40.30	-5.062	-5.206	-5.560	-6.146	-6.968	-5.979	-7.059	-8.036	-8.717	-8.966
4041	40.40	-8.730	-8.057	-7.075	-5.942	-4.805	-3.761	-2.862	-2.122	-1.542	-1.117
4051	40.50	-0.860	-0.690	-0.626	-0.591	-0.527	-0.391	-0.165	0.140	0.503	0.904
4061	40.60	1.332	1.781	2.239	2.676	3.047	3.311	3.453	3.505	3.563	3.664
4071	40.70	3.947	4.413	5.006	5.613	6.095	6.340	6.302	6.014	5.572	5.100
4081	40.80	4.701	4.427	4.264	4.141	3.955	3.601	3.013	2.176	1.146	0.034
4091	40.90	-1.022	-1.888	-2.484	-2.796	-2.886	-2.854	-2.795	-2.763	-2.745	-2.688
4101	41.00	-2.539	-2.297	-2.041	-1.908	-2.041	-2.514	-3.280	-4.167	-4.933	-5.354
4111	41.10	-5.308	-4.825	-4.062	-3.241	-2.553	-2.096	-1.861	-1.770	-1.735	-1.715
4121	41.20	-1.726	-1.816	-2.010	-2.267	-2.481	-2.513	-2.250	-1.657	-0.792	0.225
4131	41.30	1.262	2.521	3.055	3.745	4.261	4.531	4.449	3.922	2.938	1.615
4141	41.40	0.205	-0.973	-1.623	-1.587	-0.889	0.261	1.554	2.677	3.410	3.671
4151	41.50	3.505	3.033	2.388	1.681	0.984	0.355	-0.140	-0.423	-0.611	-0.061
4161	41.60	0.604	1.477	2.389	3.151	3.607	3.833	3.397	2.847	2.170	1.493
4171	41.70	0.903	0.426	0.033	-0.330	-0.715	-1.142	-1.590	-2.000	-2.299	-2.429
4181	41.80	-2.371	-2.160	-1.867	-1.576	-1.340	-1.160	-0.980	-0.712	-0.283	0.319
4191	41.90	1.020	1.670	2.100	2.184	1.899	1.346	0.725	0.258	0.115	0.361
4201	42.00	0.845	1.432	1.880	2.025	1.817	1.330	0.724	0.577	-0.184	-0.325
4211	42.10	-0.303	-0.224	-0.186	-0.231	-0.327	-0.387	-0.317	-0.066	0.340	0.800
4221	42.20	1.180	1.359	1.284	0.954	0.561	0.140	-0.182	-0.374	-0.478	-0.576
4231	42.30	-0.746	-1.020	-1.365	-1.706	-1.965	-2.111	-2.186	-2.291	-2.547	-3.035
4241	42.40	-3.753	-4.604	-5.425	-6.066	-6.353	-6.322	-6.023	-5.583	-5.136	-4.775
4251	42.50	-4.530	-4.372	-4.244	-4.094	-3.893	-3.661	-3.356	-3.055	-2.743	-2.412
4261	42.60	-2.049	-1.667	-1.219	-0.792	-0.403	-0.086	0.143	0.294	0.402	0.526
4271	42.70	0.738	1.106	1.675	2.446	3.375	4.357	5.261	5.963	6.377	6.491
4281	42.80	6.371	6.143	5.951	5.913	6.080	6.428	6.868	7.284	7.576	7.686
4291	42.90	7.614	7.409	7.143	6.882	6.665	6.494	6.359	6.150	5.883	5.513
4301	43.00	5.044	4.510	3.962	3.443	2.979	2.565	2.167	1.746	1.276	0.761
4311	43.10	0.240	-0.230	-0.602	-0.860	-1.029	-1.168	-1.339	-1.579	-1.891	-2.243
4321	43.20	-2.597	-2.935	-3.273	-3.648	-4.085	-4.573	-5.052	-5.435	-5.656	-5.722
4331	43.30	-5.728	-5.834	-6.192	-6.865	-7.770	-8.687	-9.327	-9.441	-8.929	-7.884
4341	43.40	-6.562	-5.288	-4.337	-3.860	-3.760	-3.934	-4.161	-4.283	-4.233	-4.026
4351	43.50	-3.714	-3.337	-2.899	-2.529	-1.771	-1.109	-0.475	0.032	0.349	0.480
4361	43.60	0.506	0.537	0.661	0.887	1.143	1.313	1.303	1.105	0.816	0.603
4371	43.70	0.637	1.013	1.713	2.613	3.561	4.343	4.940	5.332	5.571	5.717
4381	43.80	5.802	5.827	5.785	5.695	5.613	5.614	5.753	6.019	6.318	6.503
4391	43.90	6.427	6.016	5.299	4.408	3.520	2.782	2.252	1.926	1.678	1.416
4401	44.00	1.084	0.699	0.325	0.032	-0.153	-0.263	-0.372	-0.555	-0.851	-1.239
4411	44.10	-1.659	-2.048	-2.375	-2.661	-2.955	-3.301	-3.705	-4.119	-4.462	-4.663
4421	44.20	-4.702	-4.620	-4.504	-4.445	-4.490	-4.622	-4.779	-4.884	-4.894	-4.822
4431	44.30	-4.721	-4.652	-4.666	-4.682	-4.703	-4.651	-4.508	-4.310	-4.129	-4.021
4441	44.40	-3.989	-3.958	-3.806	-3.623	-2.779	-1.969	-1.095	-0.397	0.030	0.190
4451	44.50	0.205	0.246	0.451	0.845	1.336	1.762	1.991	2.019	1.974	2.096
4461	44.60	2.612	3.020	5.024	6.955	7.817	8.540	8.587	8.050	7.191	6.331
4471	44.70	5.220	5.452	5.459	5.572	5.618	5.499	5.229	4.902	4.630	4.681
4481	44.80	4.445	4.448	4.399	4.232	3.939	3.567	3.182	2.838	2.553	2.312
4491	44.90	2.079	1.829	1.551	1.255	0.954	0.653	0.350	0.039	-0.273	-0.558

Table 7—22—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.782	-0.912	-0.942	-0.900	-0.840	-0.819	-0.877	-1.019	-1.221	-1.447
4511	45.10	-1.665	-1.864	-2.048	-2.222	-2.384	-2.520	-2.614	-2.671	-2.725	-2.833
4521	45.20	-3.050	-3.395	-3.824	-4.236	-4.506	-4.536	-4.302	-3.870	-3.375	-2.963
4531	45.30	-2.736	-2.715	-2.837	-3.001	-3.118	-3.157	-3.151	-3.167	-3.257	-3.415
4541	45.40	-3.566	-3.597	-3.408	-2.971	-2.350	-1.684	-1.135	-0.823	-0.780	-0.947
4551	45.50	-1.203	-1.418	-1.509	-1.461	-1.318	-1.151	-1.020	-0.967	-0.915	-0.886
4561	45.60	-0.826	-0.725	-0.599	-0.475	-0.378	-0.314	-0.271	-0.225	-0.158	-0.065
4571	45.70	0.046	0.159	0.260	0.365	0.416	0.477	0.527	0.559	0.562	0.534
4581	45.80	0.481	0.426	0.393	0.404	0.462	0.556	0.661	0.753	0.818	0.858
4591	45.90	0.886	0.919	0.965	1.021	1.078	1.127	1.166	1.204	1.252	1.318
4601	46.00	1.389	1.439	1.427	1.318	1.097	0.780	0.412	0.055	-0.230	-0.406
4611	46.10	-0.657	-0.811	-0.910	-0.202	-0.126	-0.098	-0.112	-0.143	-0.156	-0.119
4621	46.20	-0.014	0.161	0.387	0.632	0.863	1.054	1.196	1.291	1.368	1.452
4631	46.30	1.566	1.716	1.895	2.082	2.254	2.391	2.488	2.550	2.588	2.614
4641	46.40	2.636	2.654	2.665	2.664	2.650	2.622	2.584	2.538	2.487	2.430
4651	46.50	2.372	2.316	2.267	2.232	2.210	2.197	2.184	2.162	2.126	2.075
4661	46.60	2.018	1.962	1.914	1.870	1.824	1.763	1.682	1.579	1.458	1.325
4671	46.70	1.179	1.014	0.819	0.588	0.324	0.046	-0.214	-0.424	-0.563	-0.633
4681	46.80	-0.656	-0.664	-0.686	-0.731	-0.791	-0.859	-0.856	-0.841	-0.820	-0.838
4691	46.90	-0.942	-1.154	-1.463	-1.827	-2.198	-2.553	-2.912	-3.336	-3.900	-4.647
4701	47.00	-5.565	-6.478	-7.245	-7.724	-7.740	-7.321	-6.602	-5.804	-5.146	-4.765
4711	47.10	-4.685	-4.726	-4.769	-4.666	-4.319	-3.838	-3.388	-3.115	-3.089	-3.253
4721	47.20	-3.447	-3.492	-3.279	-2.829	-2.282	-1.825	-1.593	-1.587	-1.670	-1.638
4731	47.30	-1.328	-0.716	0.055	0.739	1.118	1.127	0.918	0.811	1.158	2.170
4741	47.40	3.797	5.719	7.664	8.593	8.880	8.392	7.447	6.461	5.767	5.491
4751	47.50	5.535	5.674	5.706	5.569	5.375	5.331	5.606	6.206	6.940	7.485
4761	47.60	7.533	6.962	5.813	4.458	3.264	2.534	2.358	2.597	2.965	3.173
4771	47.70	3.058	2.662	2.085	1.572	1.193	0.883	0.441	-0.364	-1.668	-3.420
4781	47.80	-5.378	-7.179	-8.472	-9.039	-8.860	-8.107	-7.067	-6.037	-5.236	-4.764
4791	47.90	-4.608	-4.681	-4.877	-5.104	-5.302	-5.438	-5.501	-5.488	-5.406	-5.269
4801	48.00	-5.096	-4.905	-4.703	-4.488	-4.251	-3.991	-3.720	-3.465	-3.252	-3.092
4811	48.10	-2.968	-2.862	-2.675	-2.452	-2.210	-2.002	-1.885	-1.863	-1.851	-1.688
4821	48.20	-1.193	-0.257	1.456	2.789	4.347	5.479	5.940	5.687	4.902	3.919
4831	48.30	3.093	2.664	2.666	2.960	3.228	3.312	3.120	2.768	2.498	2.556
4841	48.40	3.065	3.655	4.985	5.836	6.246	6.109	5.502	4.635	3.752	3.039
4851	48.50	2.531	2.214	1.990	1.793	1.614	1.492	1.472	1.556	1.691	1.784
4861	48.60	1.752	1.568	1.268	0.923	0.579	0.213	-0.272	-0.997	-2.027	-3.302
4871	48.70	-4.622	-5.701	-6.275	-6.213	-5.584	-4.633	-3.685	-3.015	-2.736	-2.772
4881	48.80	-2.906	-2.905	-2.625	-2.087	-1.451	-0.933	-0.696	-0.770	-1.039	-1.305
4891	48.90	-1.382	-1.184	-0.756	-0.241	0.196	0.654	0.539	0.552	0.628	0.860
4901	49.00	1.250	1.703	2.071	2.226	2.117	1.801	1.425	1.172	1.204	1.604
4911	49.10	2.363	3.381	4.495	5.517	6.272	6.629	6.530	6.004	5.167	4.200
4921	49.20	3.303	2.641	2.301	2.268	2.442	2.684	2.873	2.963	2.896	2.773
4931	49.30	2.612	2.419	2.160	1.792	1.315	0.796	0.361	0.161	0.283	0.702
4941	49.40	1.272	1.776	2.016	1.895	1.468	0.899	0.378	0.020	-0.197	-0.426
4951	49.50	-0.862	-1.636	-2.730	-3.961	-5.056	-5.762	-5.938	-5.693	-5.149	-4.540
4961	49.60	-4.008	-3.571	-3.151	-2.660	-2.095	-1.591	-1.379	-1.681	-2.584	-3.960
4971	49.70	-5.487	-6.748	-7.394	-7.270	-6.668	-5.272	-4.040	-3.063	-2.480	-2.267
4981	49.80	-2.208	-2.427	-2.562	-2.679	-2.795	-2.922	-3.039	-3.096	-3.047	-2.889
4991	49.90	-2.567	-2.450	-2.288	-2.169	-2.020	-1.743	-1.276	-0.644	0.043	0.837

Table 7—22—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.426 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	1.032	1.231	1.355	1.593	2.105	2.921	3.907	4.801	5.309	5.237
5011	50.10	4.577	3.513	2.560	1.461	0.976	1.008	1.430	2.035	2.610	3.011
5021	50.20	3.190	3.176	3.032	2.813	2.565	2.230	1.870	1.483	1.109	0.797
5031	50.30	0.587	0.486	0.674	0.498	0.509	0.466	0.355	0.183	-0.027	-0.269
5041	50.40	-0.458	-0.633	-0.760	-0.828	-0.831	-0.772	-0.662	-0.523	-0.392	-0.356
5051	50.50	-0.360	-0.517	-0.872	-1.403	-2.062	-2.764	-3.399	-3.866	-4.099	-4.092
5061	50.60	-3.899	-3.604	-3.239	-2.990	-2.689	-2.327	-1.869	-1.253	-0.618	-0.097
5071	50.70	0.142	-0.017	-0.566	-1.346	-2.101	-2.540	-2.654	-1.795	-0.700	0.552
5081	50.80	1.662	2.318	2.482	2.208	1.704	1.223	0.966	1.021	1.351	1.833
5091	50.90	2.327	2.735	3.039	3.287	3.558	3.913	4.360	4.853	5.310	5.655
5101	51.00	5.841	5.868	5.772	5.403	5.408	5.218	5.053	4.927	4.850	4.827
5111	51.10	4.843	4.851	4.783	4.566	4.153	3.550	2.826	2.091	1.463	1.020
5121	51.20	0.776	0.680	0.644	0.581	0.438	0.208	-0.083	-0.405	-0.762	-1.104
5131	51.30	-1.511	-1.967	-2.448	-2.902	-3.258	-3.510	-3.650	-3.672	-3.657	-3.753
5141	51.40	-3.853	-3.980	-4.106	-4.222	-4.356	-4.563	-4.891	-5.347	-5.872	-6.356
5151	51.50	-6.669	-6.734	-6.564	-6.171	-5.736	-5.346	-5.055	-4.848	-4.666	-4.448
5161	51.60	-4.171	-3.857	-3.555	-3.290	-3.072	-2.817	-2.466	-1.991	-1.443	-0.913
5171	51.70	-0.632	-0.592	-0.783	-1.055	-1.097	-0.762	0.130	1.431	2.894	4.164
5181	51.80	4.922	5.001	4.463	3.683	2.459	1.699	1.421	1.675	2.356	3.259
5191	51.90	4.150	4.865	5.242	5.359	5.205	4.952	4.687	4.486	4.378	4.361
5201	52.00	4.320	4.250	4.082	3.807	3.454	3.092	2.796	2.630	2.616	2.730
5211	52.10	2.902	3.040	3.052	2.873	2.484	1.919	1.265	0.628	0.134	-0.126
5221	52.20	-0.111	0.153	0.573	1.005	1.291	1.295	0.932	0.188	-0.074	-0.129
5231	52.30	-3.407	-4.521	-5.299	-5.615	-5.422	-4.770	-3.812	-2.770	-1.881	-1.367
5241	52.40	-1.290	-1.617	-2.203	-2.853	-3.405	-3.783	-4.007	-4.169	-4.270	-4.354
5251	52.50	-4.297	-3.951	-3.211	-2.095	-0.790	0.398	1.141	1.220	0.626	-0.427
5261	52.60	-1.571	-2.421	-2.714	-2.393	-1.610	-0.666	0.212	0.776	1.011	1.014
5271	52.70	0.948	0.961	1.125	1.424	1.780	2.098	2.367	2.379	2.327	2.188
5281	52.80	2.012	1.848	1.744	1.761	1.863	2.103	2.418	2.729	2.969	3.011
5291	52.90	2.895	2.660	2.321	2.028	1.820	1.710	1.665	1.627	1.565	1.388
5301	53.00	1.166	0.892	0.591	0.266	-0.087	-0.470	-0.862	-1.220	-1.481	-1.596
5311	53.10	-1.549	-1.375	-1.150	-0.963	-0.885	-0.938	-1.095	-1.288	-1.469	-1.532
5321	53.20	-1.533	-1.491	-1.463	-1.508	-1.659	-1.915	-2.245	-2.599	-2.914	-3.131
5331	53.30	-3.197	-3.078	-2.763	-2.274	-1.672	-1.054	-0.536	-0.227	-0.198	-0.459
5341	53.40	-0.969	-1.543	-2.090	-2.448	-2.524	-2.299	-1.831	-1.231	-0.630	-0.136
5351	53.50	0.190	0.352	0.403	0.424	0.487	0.633	0.881	1.183	1.488	1.761
5361	53.60	1.903	1.956	1.907	1.782	1.614	1.438	1.285	1.179	1.132	1.143
5371	53.70	1.195	1.263	1.319	1.342	1.330	1.291	1.257	1.240	1.253	1.284
5381	53.80	1.312	1.311	1.271	1.199	1.119	1.061	1.043	1.062	1.092	1.097
5391	53.90	1.047	0.936	0.780	0.613	0.471	0.371	0.306	0.250	0.170	0.046
5401	54.00	-0.124	-0.321	-0.517	-0.692	-0.861	-0.979	-1.126	-1.299	-1.493	-1.687
5411	54.10	-1.845	-1.937	-1.945	-1.879	-1.764	-1.660	-1.539	-1.482	-1.468	-1.482
5421	54.20	-1.506	-1.514	-1.501	-1.465	-1.418	-1.374	-1.368	-1.369	-1.377	-1.420
5431	54.30	-1.482	-1.483	-1.465	-1.401	-1.295	-1.162	-1.020	-0.885	-0.766	-0.662
5441	54.40	-0.563	-0.457	-0.335	-0.192	-0.029	0.149	0.341	0.563	0.753	0.961
5451	54.50	1.153	1.308	1.403	1.425	1.378	1.284	1.182	1.116	1.127	1.236
5461	54.60	1.441	1.717	2.023	2.311	2.538	2.678	2.727	2.700	2.628	2.550
5471	54.70	2.495	2.478	2.491	2.513	2.510	2.458	2.351	2.204	2.046	1.913
5481	54.80	1.824	1.776	1.745	1.693	1.588	1.414	1.182	0.923	0.670	0.450
5491	54.90	0.267	0.109	-0.047	-0.216	-0.402	-0.593	-0.773	-0.929	-1.064	-1.195

Table 7—22—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.344	-1.521	-1.723	-1.929	-2.107	-2.237	-2.313	-2.352	-2.383	-2.431
5511	55.10	-2.507	-2.600	-2.686	-2.742	-2.758	-2.747	-2.737	-2.755	-2.813	-2.895
5521	55.20	-2.963	-2.974	-2.898	-2.736	-2.524	-2.314	-2.153	-2.061	-2.017	-1.970
5531	55.30	-1.860	-1.661	-1.305	-0.887	-0.450	-0.064	0.229	0.418	0.537	0.637
5541	55.40	0.772	0.974	1.244	1.559	1.886	2.197	2.480	2.741	2.993	3.246
5551	55.50	3.499	3.739	3.951	4.126	4.267	4.390	4.513	4.644	4.777	4.888
5561	55.60	4.952	4.955	4.902	4.817	4.735	4.679	4.648	4.619	4.554	4.422
5571	55.70	4.221	3.979	3.747	3.571	3.466	3.398	3.294	3.068	2.653	2.035
5581	55.80	1.262	0.428	-0.358	-1.008	-1.682	-1.790	-1.979	-2.105	-2.216	-2.335
5591	55.90	-2.673	-2.636	-2.836	-3.095	-3.429	-3.840	-4.302	-4.766	-5.174	-5.485
5601	56.00	-5.685	-5.794	-5.868	-5.886	-5.921	-5.941	-5.912	-5.802	-5.599	-5.321
5611	56.10	-5.009	-4.714	-4.471	-4.285	-4.136	-3.986	-3.804	-3.582	-3.337	-3.099
5621	56.20	-2.897	-2.737	-2.599	-2.436	-2.202	-1.865	-1.426	-0.918	-0.400	0.070
5631	56.30	0.449	0.725	0.918	1.066	1.218	1.413	1.674	2.005	2.398	2.833
5641	56.40	3.289	3.742	4.165	4.529	4.809	4.988	5.064	5.054	4.991	4.913
5651	56.50	4.847	4.797	4.743	4.644	4.459	4.162	3.763	3.302	2.840	2.436
5661	56.60	2.126	1.911	1.762	1.636	1.493	1.331	1.162	1.016	0.910	0.833
5671	56.70	0.740	0.558	0.220	-0.312	-1.025	-1.855	-2.703	-3.486	-4.073	-4.501
5681	56.80	-4.779	-4.975	-5.164	-5.408	-5.729	-6.107	-6.488	-6.804	-6.990	-7.008
5691	56.90	-6.853	-6.553	-6.158	-5.728	-5.312	-4.940	-4.618	-4.336	-4.072	-3.806
5701	57.00	-3.524	-3.222	-2.902	-2.572	-2.237	-1.903	-1.576	-1.261	-0.963	-0.679
5711	57.10	-0.403	-0.120	0.185	0.517	0.888	1.258	1.539	1.816	2.052	2.276
5721	57.20	2.527	2.836	3.201	3.582	3.910	4.116	4.166	4.089	3.974	3.941
5731	57.30	4.099	4.502	5.118	5.845	6.540	7.071	7.356	7.378	7.173	6.805
5741	57.40	6.330	5.785	5.186	4.547	3.889	3.254	2.685	2.214	1.841	1.532
5751	57.50	1.231	0.886	0.485	0.044	-0.374	-0.697	-0.866	-0.860	-0.700	-0.450
5761	57.60	-0.193	-0.014	0.012	-0.159	-0.539	-1.099	-1.772	-2.462	-3.068	-3.504
5771	57.70	-3.731	-3.767	-3.681	-3.585	-3.500	-3.525	-3.623	-3.735	-3.792	-3.745
5781	57.80	-3.593	-3.375	-3.145	-2.958	-2.828	-2.734	-2.633	-2.486	-2.279	-2.026
5791	57.90	-1.761	-1.514	-1.297	-1.093	-0.873	-0.611	-0.295	0.061	0.436	0.806
5801	58.00	1.164	1.516	1.873	2.240	2.610	2.965	3.294	3.601	3.908	4.240
5811	58.10	4.602	4.986	5.321	5.544	5.607	5.507	5.302	5.085	4.945	4.929
5821	58.20	5.013	5.113	5.125	4.970	4.637	4.182	3.707	3.305	3.024	2.849
5831	58.30	2.713	2.546	2.306	2.005	1.699	1.448	1.283	1.182	1.079	0.894
5841	58.40	0.574	0.123	-0.406	-0.932	-1.386	-1.738	-2.003	-2.221	-2.427	-2.631
5851	58.50	-2.812	-2.943	-3.017	-3.066	-3.152	-3.353	-3.711	-4.209	-4.767	-5.274
5861	58.60	-5.628	-5.778	-5.746	-5.606	-5.448	-5.336	-5.281	-5.242	-5.157	-4.975
5871	58.70	-4.688	-4.327	-3.948	-3.596	-3.292	-3.020	-2.756	-2.491	-2.269	-2.085
5881	58.80	-2.060	-2.209	-2.508	-2.879	-3.204	-3.377	-3.334	-3.080	-2.678	-2.217
5891	58.90	-1.781	-1.414	-1.124	-0.895	-0.714	-0.588	-0.545	-0.614	-0.795	-1.048
5901	59.00	-1.287	-1.409	-1.327	-1.012	-0.497	0.126	0.751	1.293	1.721	2.064
5911	59.10	2.392	2.775	3.266	3.781	4.301	4.704	4.897	4.839	4.550	4.108
5921	59.20	3.613	3.161	2.805	2.552	2.371	2.218	2.060	1.894	1.745	1.653
5931	59.30	1.845	1.725	1.864	2.014	2.130	2.189	2.198	2.181	2.203	2.259
5941	59.40	2.350	2.445	2.500	2.485	2.396	2.263	2.131	2.045	2.021	2.051
5951	59.50	2.100	2.135	2.136	2.113	2.092	2.099	2.145	2.199	2.220	2.152
5961	59.60	1.983	1.658	1.281	0.895	0.557	0.299	0.111	-0.044	-0.213	-0.433
5971	59.70	-0.718	-1.060	-1.440	-1.842	-2.259	-2.686	-3.115	-3.519	-3.854	-4.067
5981	59.80	-4.123	-4.017	-3.789	-3.514	-3.276	-3.138	-3.125	-3.209	-3.329	-3.409
5991	59.90	-3.394	-3.261	-3.027	-2.736	-2.439	-2.181	-1.985	-1.857	-1.790	-1.772

Table 7—22—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.791	-1.831	-1.875	-1.899	-1.880	-1.800	-1.682	-1.484	-1.301	-1.169
6011	60.10	-1.050	-1.001	-0.970	-0.903	-0.751	-0.483	-0.105	0.340	0.781	1.146
6021	60.20	1.382	1.473	1.444	1.352	1.263	1.231	1.279	1.398	1.546	1.673
6031	60.30	1.736	1.714	1.618	1.481	1.345	1.247	1.204	1.209	1.233	1.245
6041	60.40	1.219	1.148	1.043	0.929	0.829	0.752	0.691	0.625	0.533	0.405
6051	60.50	0.254	0.114	0.027	0.026	0.121	0.291	0.495	0.687	0.836	0.940
6061	60.60	1.019	1.103	1.213	1.342	1.456	1.509	1.466	1.312	1.082	0.830
6071	60.70	0.614	0.472	0.404	0.376	0.341	0.260	0.125	-0.036	-0.182	-0.274
6081	60.80	-0.301	-0.288	-0.279	-0.319	-0.426	-0.580	-0.729	-0.813	-0.789	-0.648
6091	60.90	-0.419	-0.153	0.103	0.320	0.494	0.610	0.774	0.899	1.005	1.070
6101	61.00	1.084	1.053	1.004	0.974	0.990	1.056	1.148	1.220	1.229	1.153
6111	61.10	0.997	0.796	0.593	0.426	0.309	0.234	0.176	0.109	0.020	-0.091
6121	61.20	-0.214	-0.334	-0.449	-0.564	-0.688	-0.831	-0.990	-1.156	-1.313	-1.452
6131	61.30	-1.573	-1.687	-1.810	-1.953	-2.111	-2.264	-2.384	-2.447	-2.443	-2.387
6141	61.40	-2.310	-2.250	-2.236	-2.277	-2.359	-2.450	-2.513	-2.522	-2.468	-2.360
6151	61.50	-2.219	-2.070	-1.928	-1.800	-1.685	-1.579	-1.483	-1.398	-1.323	-1.251
6161	61.60	-1.165	-1.043	-0.867	-0.631	-0.348	-0.053	0.218	0.440	0.613	0.766
6171	61.70	0.942	1.183	1.502	1.871	2.235	2.524	2.688	2.720	2.654	2.558
6181	61.80	2.496	2.507	2.584	2.685	2.753	2.751	2.677	2.564	2.466	2.423
6191	61.90	2.441	2.487	2.504	2.439	2.268	2.007	1.705	1.417	1.182	1.005
6201	62.00	0.862	0.715	0.537	0.324	0.090	-0.140	-0.356	-0.563	-0.785	-1.041
6211	62.10	-1.328	-1.614	-1.864	-1.961	-1.937	-1.781	-1.546	-1.301	-1.108	-0.995
6221	62.20	-0.952	-0.943	-0.929	-0.892	-0.842	-0.810	-0.822	-0.885	-0.969	-1.017
6231	62.30	-0.970	-0.792	-0.688	-0.106	0.281	0.598	0.799	0.875	0.857	0.798
6241	62.40	0.753	0.761	0.832	0.950	1.088	1.214	1.313	1.385	1.468	1.526
6251	62.50	1.637	1.783	1.945	2.089	2.183	2.209	2.179	2.132	2.119	2.176
6261	62.60	2.306	2.462	2.564	2.528	2.304	1.905	1.406	0.916	0.531	0.290
6271	62.70	0.147	-0.007	-0.293	-0.786	-1.461	-2.189	-2.776	-3.033	-2.855	-2.266
6281	62.80	-1.410	-0.515	0.201	0.593	0.630	0.386	-0.005	-0.409	-0.734	-0.952
6291	62.90	-1.083	-1.168	-1.241	-1.317	-1.405	-1.513	-1.667	-1.900	-2.230	-2.644
6301	63.00	-3.082	-3.452	-3.663	-3.666	-3.478	-3.182	-2.896	-2.720	-2.694	-2.776
6311	63.10	-2.860	-2.822	-2.572	-2.097	-1.468	-0.807	-0.239	0.161	0.393	0.529
6321	63.20	0.671	0.905	1.262	1.700	2.132	2.454	2.600	2.559	2.379	2.144
6331	63.30	1.935	1.802	1.745	1.723	1.682	1.579	1.403	1.180	0.958	0.786
6341	63.40	0.693	0.678	0.716	0.762	0.788	0.775	0.728	0.665	0.607	0.568
6351	63.50	0.547	0.534	0.516	0.484	0.439	0.391	0.353	0.336	0.333	0.340
6361	63.60	0.336	0.295	0.205	0.057	-0.148	-0.399	-0.678	-0.962	-1.227	-1.445
6371	63.70	-1.597	-1.667	-1.655	-1.574	-1.448	-1.311	-1.191	-1.109	-1.070	-1.066
6381	63.80	-1.075	-1.088	-1.095	-1.100	-1.120	-1.167	-1.250	-1.360	-1.478	-1.572
6391	63.90	-1.616	-1.592	-1.500	-1.358	-1.192	-1.031	-0.897	-0.806	-0.766	-0.781
6401	64.00	-0.851	-0.973	-1.133	-1.303	-1.444	-1.506	-1.448	-1.249	-0.922	-0.513
6411	64.10	-0.090	0.279	0.544	0.697	0.762	0.791	0.835	0.924	1.057	1.202
6421	64.20	1.316	1.363	1.336	1.256	1.168	1.112	1.112	1.162	1.232	1.278
6431	64.30	1.269	1.197	1.078	0.944	0.828	0.746	0.696	0.658	0.612	0.542
6441	64.40	0.448	0.338	0.222	0.102	-0.028	-0.176	-0.339	-0.500	-0.623	-0.664
6451	64.50	-0.592	-0.406	-0.135	0.161	0.419	0.592	0.668	0.669	0.642	0.634
6461	64.60	0.672	0.755	0.853	0.969	1.008	1.038	1.059	1.100	1.177	1.285
6471	64.70	1.399	1.482	1.505	1.463	1.374	1.272	1.192	1.151	1.145	1.164
6481	64.80	1.114	1.030	0.888	0.709	0.531	0.393	0.325	0.337	0.416	0.530
6491	64.90	0.651	0.748	0.806	0.823	0.816	0.809	0.831	0.904	1.035	1.213

Table 7—22—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.401	1.553	1.619	1.562	1.369	1.056	0.667	0.255	-0.126	-0.439
6511	65.10	-0.665	-0.810	-0.895	-0.945	-0.989	-1.050	-1.145	-1.279	-1.451	-1.645
6521	65.20	-1.836	-1.998	-2.096	-2.125	-2.087	-2.008	-1.925	-1.873	-1.875	-1.932
6531	65.30	-2.031	-2.147	-2.262	-2.355	-2.462	-2.561	-2.667	-2.771	-2.851	-2.878
6541	65.40	-2.833	-2.716	-2.548	-2.369	-2.219	-2.120	-2.069	-2.037	-1.979	-1.859
6551	65.50	-1.659	-1.395	-1.106	-0.838	-0.629	-0.488	-0.392	-0.296	-0.150	0.083
6561	65.60	0.410	0.806	1.226	1.615	1.926	2.142	2.266	2.320	2.334	2.333
6571	65.70	2.333	2.338	2.346	2.358	2.375	2.403	2.447	2.507	2.574	2.636
6581	65.80	2.680	2.703	2.714	2.726	2.755	2.809	2.880	2.952	3.005	3.031
6591	65.90	3.035	3.042	3.077	3.157	3.272	3.385	3.446	3.411	3.262	3.022
6601	66.00	2.744	2.491	2.306	2.187	2.083	1.912	1.598	1.103	0.452	-0.269
6611	66.10	-0.944	-1.467	-1.782	-1.902	-1.900	-1.878	-1.921	-2.067	-2.298	-2.547
6621	66.20	-2.761	-2.829	-2.804	-2.708	-2.602	-2.546	-2.565	-2.648	-2.754	-2.840
6631	66.30	-2.881	-2.882	-2.874	-2.893	-2.959	-3.066	-3.183	-3.270	-3.304	-3.292
6641	66.40	-3.270	-3.286	-3.373	-3.522	-3.687	-3.788	-3.751	-3.539	-3.168	-2.710
6651	66.50	-2.258	-1.898	-1.665	-1.534	-1.427	-1.252	-0.933	-0.452	0.150	0.786
6661	66.60	1.354	1.777	2.022	2.112	2.106	2.076	2.080	2.144	2.264	2.410
6671	66.70	2.547	2.648	2.699	2.702	2.669	2.615	2.557	2.509	2.479	2.475
6681	66.80	2.495	2.528	2.558	2.562	2.519	2.420	2.271	2.090	1.906	1.743
6691	66.90	1.612	1.510	1.419	1.314	1.181	1.015	0.829	0.641	0.472	0.331
6701	67.00	0.213	0.104	-0.011	-0.142	-0.289	-0.440	-0.584	-0.712	-0.826	-0.935
6711	67.10	-1.052	-1.181	-1.315	-1.440	-1.538	-1.603	-1.643	-1.683	-1.754	-1.879
6721	67.20	-2.059	-2.266	-2.453	-2.565	-2.563	-2.434	-2.197	-1.896	-1.586	-1.311
6731	67.30	-1.096	-0.962	-0.832	-0.746	-0.667	-0.587	-0.507	-0.429	-0.353	-0.276
6741	67.40	-0.188	-0.086	0.029	0.144	0.242	0.304	0.319	0.287	0.221	0.140
6751	67.50	0.066	0.015	-0.003	0.012	0.057	0.123	0.207	0.302	0.404	0.506
6761	67.60	0.599	0.671	0.712	0.716	0.682	0.623	0.555	0.497	0.461	0.454
6771	67.70	0.467	0.489	0.504	0.505	0.495	0.487	0.499	0.542	0.616	0.705
6781	67.80	0.784	0.826	0.812	0.739	0.616	0.464	0.299	0.133	-0.032	-0.201
6791	67.90	-0.371	-0.535	-0.674	-0.766	-0.798	-0.767	-0.687	-0.582	-0.476	-0.385
6801	68.00	-0.316	-0.257	-0.206	-0.158	-0.120	-0.101	-0.111	-0.149	-0.206	-0.266
6811	68.10	-0.317	-0.357	-0.400	-0.465	-0.573	-0.733	-0.938	-1.172	-1.417	-1.661
6821	68.20	-1.904	-2.150	-2.392	-2.611	-2.765	-2.805	-2.693	-2.421	-2.020	-1.556
6831	68.30	-1.109	-0.749	-0.510	-0.389	-0.350	-0.348	-0.346	-0.329	-0.303	-0.284
6841	68.40	-0.278	-0.275	-0.251	-0.179	-0.043	0.148	0.365	0.573	0.743	0.868
6851	68.50	0.966	1.065	1.194	1.360	1.547	1.725	1.859	1.931	1.949	1.939
6861	68.60	1.937	1.970	2.043	2.145	2.251	2.343	2.417	2.487	2.578	2.708
6871	68.70	2.879	3.068	3.235	3.338	3.369	3.267	3.116	2.937	2.771	2.644
6881	68.80	2.554	2.482	2.395	2.263	2.072	1.829	1.557	1.287	1.068	0.858
6891	68.90	0.718	0.614	0.528	0.438	0.329	0.199	0.052	-0.099	-0.260	-0.366
6901	69.00	-0.478	-0.588	-0.707	-0.846	-1.004	-1.166	-1.313	-1.423	-1.488	-1.506
6911	69.10	-1.506	-1.512	-1.566	-1.617	-1.714	-1.812	-1.883	-1.910	-1.896	-1.851
6921	69.20	-1.806	-1.779	-1.776	-1.790	-1.801	-1.792	-1.752	-1.685	-1.601	-1.510
6931	69.30	-1.416	-1.318	-1.215	-1.110	-1.014	-0.945	-0.915	-0.921	-0.934	-0.913
6941	69.40	-0.813	-0.608	-0.306	0.048	0.388	0.652	0.801	0.834	0.787	0.709
6951	69.50	0.611	0.602	0.580	0.548	0.480	0.373	0.251	0.153	0.120	0.172
6961	69.60	0.300	0.463	0.612	0.701	0.710	0.651	0.558	0.479	0.457	0.519
6971	69.70	0.669	0.889	1.169	1.408	1.630	1.783	1.848	1.824	1.721	1.567
6981	69.80	1.397	1.265	1.163	1.107	1.139	1.227	1.347	1.466	1.549	1.562
6991	69.90	1.480	1.292	1.003	0.842	0.252	-0.120	-0.429	-0.651	-0.782	-0.844

Table 7—22—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.866	-0.884	-0.921	-0.989	-1.084	-1.196	-1.308	-1.411	-1.496	-1.554
7011	70.10	-1.584	-1.586	-1.571	-1.559	-1.573	-1.636	-1.755	-1.919	-2.098	-2.247
7021	70.20	-2.327	-2.312	-2.204	-2.026	-1.815	-1.604	-1.414	-1.253	-1.185	-0.998
7031	70.30	-0.907	-0.858	-0.866	-0.940	-1.064	-1.206	-1.323	-1.377	-1.353	-1.263
7041	70.40	-1.161	-1.028	-0.952	-0.919	-0.908	-0.888	-0.834	-0.736	-0.613	-0.493
7051	70.50	-0.406	-0.356	-0.327	-0.279	-0.166	0.038	0.324	0.651	0.953	1.167
7061	70.60	1.253	1.209	1.074	0.906	0.763	0.681	0.664	0.687	0.712	0.703
7071	70.70	0.644	0.538	0.404	0.265	0.135	0.015	-0.102	-0.221	-0.338	-0.438
7081	70.80	-0.501	-0.509	-0.463	-0.379	-0.290	-0.226	-0.205	-0.220	-0.245	-0.243
7091	70.90	-0.188	-0.074	0.080	0.239	0.369	0.453	0.499	0.538	0.603	0.711
7101	71.00	0.850	0.978	1.039	0.983	0.794	0.498	0.162	-0.132	-0.307	-0.326
7111	71.10	-0.194	0.041	0.307	0.562	0.705	0.794	0.837	0.872	0.934	1.032
7121	71.20	1.153	1.264	1.335	1.346	1.302	1.228	1.157	1.115	1.113	1.139
7131	71.30	1.168	1.172	1.135	1.059	0.959	0.860	0.782	0.731	0.703	0.686
7141	71.40	0.662	0.630	0.593	0.559	0.537	0.525	0.517	0.500	0.466	0.416
7151	71.50	0.358	0.308	0.274	0.259	0.252	0.236	0.194	0.119	0.017	-0.100
7161	71.60	-0.217	-0.325	-0.426	-0.527	-0.636	-0.753	-0.866	-0.960	-1.016	-1.028
7171	71.70	-1.001	-0.954	-0.909	-0.882	-0.878	-0.891	-0.907	-0.915	-0.913	-0.907
7181	71.80	-0.909	-0.930	-0.976	-1.043	-1.122	-1.205	-1.283	-1.355	-1.419	-1.476
7191	71.90	-1.523	-1.561	-1.597	-1.641	-1.710	-1.819	-1.969	-2.142	-2.301	-2.400
7201	72.00	-2.398	-2.277	-2.051	-1.759	-1.458	-1.196	-0.999	-0.862	-0.759	-0.651
7211	72.10	-0.510	-0.327	-0.114	0.102	0.298	0.465	0.608	0.748	0.904	1.082
7221	72.20	1.273	1.456	1.605	1.707	1.767	1.807	1.858	1.948	2.082	2.248
7231	72.30	2.414	2.547	2.622	2.634	2.602	2.554	2.522	2.525	2.557	2.607
7241	72.40	2.653	2.680	2.688	2.692	2.714	2.772	2.867	2.980	3.075	3.117
7251	72.50	3.077	2.950	2.752	2.517	2.278	2.062	1.880	1.730	1.607	1.510
7261	72.60	1.441	1.408	1.405	1.413	1.390	1.286	1.059	0.694	0.220	-0.301
7271	72.70	-0.785	-1.159	-1.385	-1.477	-1.491	-1.501	-1.571	-1.728	-1.951	-2.188
7281	72.80	-2.377	-2.470	-2.460	-2.372	-2.252	-2.150	-2.092	-2.081	-2.098	-2.120
7291	72.90	-2.125	-2.109	-2.072	-2.020	-1.950	-1.857	-1.734	-1.589	-1.446	-1.363
7301	73.00	-1.316	-1.385	-1.539	-1.734	-1.912	-2.019	-2.024	-1.933	-1.780	-1.611
7311	73.10	-1.459	-1.337	-1.230	-1.109	-0.952	-0.746	-0.502	-0.238	0.027	0.286
7321	73.20	0.540	0.796	1.054	1.301	1.511	1.658	1.725	1.723	1.664	1.581
7331	73.30	1.498	1.428	1.365	1.299	1.217	1.116	0.996	0.864	0.719	0.556
7341	73.40	0.372	0.173	-0.022	-0.184	-0.282	-0.309	-0.288	-0.268	-0.310	-0.462
7351	73.50	-0.729	-1.075	-1.432	-1.729	-1.918	-1.993	-1.981	-1.917	-1.823	-1.691
7361	73.60	-1.491	-1.195	-0.811	-0.395	-0.040	0.154	0.125	-0.119	-0.498	-0.890
7371	73.70	-1.178	-1.290	-1.229	-1.055	-0.857	-0.709	-0.640	-0.634	-0.648	-0.642
7381	73.80	-0.599	-0.531	-0.465	-0.422	-0.406	-0.406	-0.407	-0.431	-0.436	-0.510
7391	73.90	-0.648	-0.823	-0.970	-0.999	-0.834	-0.454	0.089	0.675	1.159	1.423
7401	74.00	1.419	1.187	0.840	0.514	0.323	0.321	0.491	0.766	1.062	1.312
7411	74.10	1.483	1.576	1.615	1.625	1.623	1.614	1.596	1.565	1.524	1.476
7421	74.20	1.425	1.367	1.299	1.217	1.123	1.029	0.954	0.915	0.917	0.954
7431	74.30	1.008	1.052	1.072	1.049	0.987	0.897	0.792	0.688	0.592	0.510
7441	74.40	0.440	0.380	0.319	0.268	0.151	0.016	-0.161	-0.379	-0.620	-0.861
7451	74.50	-1.075	-1.238	-1.360	-1.383	-1.380	-1.354	-1.327	-1.318	-1.336	-1.384
7461	74.60	-1.451	-1.524	-1.589	-1.634	-1.659	-1.671	-1.687	-1.721	-1.781	-1.860
7471	74.70	-1.941	-1.996	-2.003	-1.951	-1.852	-1.729	-1.614	-1.551	-1.489	-1.414
7481	74.80	-1.460	-1.416	-1.325	-1.183	-1.003	-0.806	-0.612	-0.435	-0.275	-0.127
7491	74.90	0.020	0.171	0.332	0.502	0.683	0.873	1.068	1.263	1.445	1.606

Table 7—22—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.741	1.861	1.983	2.132	2.319	2.539	2.759	2.931	3.005	2.952
7511	75.10	2.777	2.521	2.247	2.018	1.827	1.830	1.849	1.892	1.919	1.910
7521	75.20	1.869	1.817	1.775	1.751	1.734	1.702	1.632	1.516	1.365	1.203
7531	75.30	1.059	0.953	0.882	0.829	0.767	0.672	0.535	0.361	0.167	-0.033
7541	75.40	-0.228	-0.417	-0.606	-0.795	-0.978	-1.137	-1.256	-1.312	-1.310	-1.242
7551	75.50	-1.194	-1.137	-1.114	-1.136	-1.195	-1.273	-1.346	-1.391	-1.393	-1.347
7561	75.60	-1.259	-1.138	-0.997	-0.849	-0.706	-0.578	-0.472	-0.390	-0.329	-0.286
7571	75.70	-0.252	-0.220	-0.185	-0.143	-0.096	-0.045	0.006	0.056	0.101	0.143
7581	75.80	0.183	0.223	0.265	0.310	0.356	0.401	0.441	0.473	0.498	0.522
7591	75.90	0.550	0.591	0.646	0.710	0.770	0.810	0.813	0.771	0.687	0.575
7601	76.00	0.457	0.353	0.276	0.227	0.194	0.163	0.120	0.061	-0.010	-0.085
7611	76.10	-0.153	-0.209	-0.258	-0.308	-0.369	-0.448	-0.540	-0.636	-0.720	-0.780
7621	76.20	-0.809	-0.808	-0.784	-0.750	-0.715	-0.688	-0.670	-0.662	-0.663	-0.668
7631	76.30	-0.675	-0.681	-0.682	-0.677	-0.666	-0.649	-0.631	-0.617	-0.613	-0.624
7641	76.40	-0.656	-0.714	-0.805	-0.928	-1.079	-1.246	-1.407	-1.537	-1.611	-1.615
7651	76.50	-1.548	-1.425	-1.271	-1.116	-0.983	-0.884	-0.815	-0.766	-0.720	-0.667
7661	76.60	-0.599	-0.519	-0.427	-0.326	-0.219	-0.105	0.014	0.132	0.243	0.344
7671	76.70	0.434	0.521	0.612	0.715	0.831	0.953	1.066	1.160	1.232	1.294
7681	76.80	1.364	1.461	1.594	1.749	1.896	1.993	2.005	1.916	1.738	1.504
7691	76.90	1.259	1.043	0.875	0.757	0.673	0.601	0.530	0.455	0.384	0.323
7701	77.00	0.276	0.236	0.189	0.132	0.067	0.012	-0.009	0.023	0.113	0.244
7711	77.10	0.380	0.482	0.517	0.472	0.361	0.212	0.059	-0.075	-0.181	-0.267
7721	77.20	-0.347	-0.434	-0.529	-0.620	-0.689	-0.726	-0.721	-0.690	-0.653	-0.628
7731	77.30	-0.631	-0.660	-0.705	-0.747	-0.774	-0.779	-0.767	-0.749	-0.736	-0.733
7741	77.40	-0.737	-0.741	-0.733	-0.708	-0.666	-0.613	-0.557	-0.505	-0.459	-0.416
7751	77.50	-0.373	-0.327	-0.278	-0.229	-0.184	-0.143	-0.104	-0.062	-0.012	0.065
7761	77.60	0.109	0.174	0.236	0.293	0.349	0.411	0.486	0.564	0.643	0.704
7771	77.70	0.729	0.709	0.644	0.551	0.449	0.361	0.301	0.268	0.254	0.243
7781	77.80	0.223	0.188	0.142	0.093	0.051	0.021	0.002	-0.012	-0.028	-0.069
7791	77.90	-0.074	-0.100	-0.123	-0.142	-0.159	-0.179	-0.205	-0.240	-0.280	-0.320
7801	78.00	-0.356	-0.389	-0.419	-0.452	-0.489	-0.528	-0.564	-0.589	-0.598	-0.588
7811	78.10	-0.566	-0.540	-0.520	-0.512	-0.516	-0.526	-0.537	-0.542	-0.540	-0.532
7821	78.20	-0.524	-0.519	-0.520	-0.525	-0.532	-0.536	-0.536	-0.533	-0.528	-0.523
7831	78.30	-0.521	-0.523	-0.527	-0.534	-0.541	-0.545	-0.542	-0.528	-0.500	-0.458
7841	78.40	-0.406	-0.344	-0.286	-0.236	-0.199	-0.171	-0.169	-0.124	-0.095	-0.060
7851	78.50	-0.026	0.002	0.019	0.027	0.033	0.054	0.105	0.194	0.324	0.483
7861	78.60	0.651	0.809	0.940	1.038	1.106	1.159	1.208	1.246	1.330	1.400
7871	78.70	1.468	1.531	1.590	1.652	1.726	1.812	1.904	1.985	2.037	2.048
7881	78.80	2.018	1.963	1.906	1.870	1.865	1.884	1.907	1.910	1.879	1.815
7891	78.90	1.740	1.679	1.651	1.657	1.677	1.679	1.634	1.529	1.376	1.203
7901	79.00	1.045	0.923	0.838	0.721	0.696	0.594	0.462	0.316	0.179	0.066
7911	79.10	-0.023	-0.108	-0.212	-0.351	-0.517	-0.684	-0.814	-0.877	-0.869	-0.809
7921	79.20	-0.736	-0.686	-0.674	-0.694	-0.717	-0.716	-0.678	-0.615	-0.554	-0.521
7931	79.30	-0.522	-0.538	-0.529	-0.461	-0.324	-0.149	0.001	0.052	-0.047	-0.101
7941	79.40	-0.665	-1.060	-1.401	-1.634	-1.750	-1.780	-1.778	-1.794	-1.852	-1.949
7951	79.50	-2.059	-2.158	-2.233	-2.285	-2.325	-2.354	-2.361	-2.324	-2.222	-2.055
7961	79.60	-1.853	-1.674	-1.583	-1.628	-1.810	-2.083	-2.361	-2.552	-2.585	-2.440
7971	79.70	-2.151	-1.790	-1.439	-1.166	-1.000	-0.933	-0.933	-0.960	-0.983	-0.990
7981	79.80	-0.979	-0.953	-0.903	-0.811	-0.653	-0.409	-0.078	0.313	0.713	1.059
7991	79.90	1.290	1.368	1.286	1.073	0.784	0.487	0.248	0.110	0.089	0.174

Table 7—22—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8001	80.00	0.330	0.513	0.681	0.807	0.882	0.916	0.934	0.964	1.026	1.129
8011	80.10	1.265	1.413	1.543	1.628	1.647	1.591	1.456	1.292	1.095	0.907
8021	80.20	0.762	0.689	0.706	0.823	1.031	1.308	1.616	1.910	2.147	2.295
8031	80.30	2.362	2.301	2.204	2.098	2.022	2.002	2.033	2.084	2.102	2.033
8041	80.40	1.849	1.516	1.091	0.620	0.173	-0.192	-0.444	-0.587	-0.653	-0.691
8051	80.50	-0.715	-0.812	-0.929	-1.135	-1.227	-1.374	-1.419	-1.413	-1.380	-1.347
8061	80.60	-1.338	-1.362	-1.412	-1.471	-1.517	-1.533	-1.513	-1.461	-1.391	-1.318
8071	80.70	-1.256	-1.214	-1.191	-1.181	-1.174	-1.165	-1.149	-1.128	-1.106	-1.082
8081	80.80	-1.054	-1.013	-0.948	-0.852	-0.725	-0.579	-0.431	-0.301	-0.200	-0.127
8091	80.90	-0.071	-0.011	0.068	0.171	0.293	0.418	0.529	0.619	0.688	0.743
8101	81.00	0.788	0.816	0.808	0.746	0.621	0.452	0.289	0.197	0.240	0.446
8111	81.10	0.796	1.217	1.618	1.907	2.033	2.003	1.869	1.710	1.594	1.550
8121	81.20	1.566	1.596	1.585	1.506	1.360	1.178	0.999	0.852	0.740	0.645
8131	81.30	0.560	0.612	0.273	0.157	0.103	0.161	0.270	0.461	0.668	0.849
8141	81.40	0.981	1.067	1.127	1.181	1.236	1.271	1.262	1.184	1.032	0.829
8151	81.50	0.651	0.454	0.358	0.332	0.347	0.360	0.333	0.255	0.142	0.029
8161	81.60	-0.055	-0.099	-0.123	-0.166	-0.256	-0.409	-0.592	-0.744	-0.789	-0.674
8171	81.70	-0.390	0.014	0.446	0.800	0.990	0.975	0.765	0.415	-0.003	-0.424
8181	81.80	-0.803	-1.116	-1.354	-1.512	-1.579	-1.547	-1.416	-1.206	-0.958	-0.728
8191	81.90	-0.565	-0.502	-0.539	-0.650	-0.795	-0.936	-1.051	-1.139	-1.211	-1.279
8201	82.00	-1.351	-1.422	-1.488	-1.545	-1.598	-1.660	-1.743	-1.848	-1.963	-2.066
8211	82.10	-2.133	-2.156	-2.140	-2.108	-2.084	-2.082	-2.100	-2.116	-2.103	-2.039
8221	82.20	-1.918	-1.756	-1.582	-1.433	-1.346	-1.348	-1.460	-1.687	-2.013	-2.400
8231	82.30	-2.783	-3.078	-3.209	-3.133	-2.861	-2.462	-2.041	-1.697	-1.479	-1.358
8241	82.40	-1.232	-0.979	-0.468	0.290	1.214	2.120	2.798	3.075	2.881	2.269
8251	82.50	1.391	0.454	-0.351	-0.883	-1.081	-0.948	-0.534	0.085	0.819	1.568
8261	82.60	2.231	2.715	2.956	2.944	2.726	2.399	2.079	1.854	1.761	1.772
8271	82.70	1.815	1.815	1.727	1.561	1.375	1.238	1.212	1.308	1.489	1.687
8281	82.80	1.832	1.875	1.806	1.644	1.427	1.192	0.970	0.783	0.648	0.582
8291	82.90	0.595	0.686	0.831	0.990	1.112	1.162	1.128	1.030	0.906	0.794
8301	83.00	0.709	0.630	0.513	0.308	-0.010	-0.423	-0.868	-1.256	-1.504	-1.561
8311	83.10	-1.429	-1.157	-0.822	-0.501	-0.251	-0.089	-0.003	0.045	0.090	0.162
8321	83.20	0.270	0.407	0.556	0.697	0.811	0.891	0.936	0.953	0.958	0.956
8331	83.30	0.994	1.055	1.157	1.306	1.503	1.745	2.027	2.332	2.631	2.885
8341	83.40	3.048	3.078	2.953	2.679	2.297	1.872	1.479	1.177	0.995	0.924
8351	83.50	0.924	0.942	0.932	0.872	0.770	0.654	0.554	0.490	0.462	0.452
8361	83.60	0.434	0.392	0.322	0.240	0.169	0.126	0.110	0.107	0.088	0.027
8371	83.70	-0.089	-0.256	-0.455	-0.666	-0.872	-1.068	-1.259	-1.447	-1.630	-1.793
8381	83.80	-1.919	-1.995	-2.023	-2.020	-2.017	-2.041	-2.103	-2.196	-2.299	-2.388
8391	83.90	-2.453	-2.501	-2.554	-2.636	-2.752	-2.887	-3.006	-3.073	-3.073	-3.019
8401	84.00	-2.951	-2.911	-2.922	-2.964	-2.975	-2.874	-2.599	-2.138	-1.543	-0.920
8411	84.10	-0.392	-0.051	0.070	0.014	-0.128	-0.249	-0.273	-0.177	0.007	0.214
8421	84.20	0.380	0.471	0.494	0.488	0.502	0.568	0.687	0.828	0.947	1.004
8431	84.30	0.984	0.901	0.792	0.698	0.668	0.646	0.673	0.695	0.684	0.629
8441	84.40	0.544	0.461	0.415	0.420	0.461	0.489	0.438	0.250	-0.101	-0.585
8451	84.50	-1.122	-1.603	-1.919	-2.003	-1.850	-1.517	-1.098	-0.698	-0.388	-0.193
8461	84.60	-0.090	-0.029	0.041	0.146	0.283	0.423	0.534	0.598	0.621	0.626
8471	84.70	0.640	0.675	0.719	0.740	0.698	0.566	0.365	0.067	-0.213	-0.438
8481	84.80	-0.564	-0.573	-0.480	-0.321	-0.141	0.021	0.161	0.217	0.261	0.295
8491	84.90	0.342	0.414	0.515	0.635	0.758	0.868	0.951	1.004	1.033	1.046

Table 7—22—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1115 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8501	85.00	1.054	1.065	1.082	1.106	1.140	1.191	1.266	1.371	1.503	1.644
8511	85.10	1.766	1.836	1.830	1.760	1.580	1.380	1.178	1.002	0.867	0.766
8521	85.20	0.685	0.606	0.521	0.433	0.356	0.298	0.267	0.257	0.249	0.229
8531	85.30	0.183	0.113	0.027	-0.063	-0.148	-0.226	-0.300	-0.376	-0.452	-0.523
8541	85.40	-0.576	-0.601	-0.593	-0.558	-0.510	-0.466	-0.439	-0.437	-0.455	-0.488
8551	85.50	-0.527	-0.570	-0.622	-0.688	-0.774	-0.878	-0.993	-1.102	-1.185	-1.219
8561	85.60	-1.188	-1.079	-0.891	-0.634	-0.330	-0.015	0.271	0.487	0.602	0.605
8571	85.70	0.501	0.317	0.088	-0.150	-0.368	-0.569	-0.689	-0.789	-0.854	-0.889
8581	85.80	-0.896	-0.880	-0.846	-0.803	-0.760	-0.726	-0.709	-0.711	-0.735	-0.782
8591	85.90	-0.853	-0.945	-1.049	-1.148	-1.217	-1.231	-1.171	-1.037	-0.847	-0.637
8601	86.00	-0.451	-0.329	-0.294	-0.368	-0.467	-0.613	-0.744	-0.824	-0.832	-0.764
8611	86.10	-0.631	-0.450	-0.242	-0.020	0.209	0.447	0.698	0.967	1.250	1.535
8621	86.20	1.799	2.020	2.185	2.293	2.365	2.430	2.514	2.627	2.752	2.867
8631	86.30	2.862	2.759	2.531	2.213	1.865	1.559	1.347	1.244	1.225	1.240
8641	86.40	1.242	1.209	1.156	1 116	1.142	1.256	1.447	1.665	1.845	1.924
8651	86.50	1.871	1.694	1.431	1.136	0.858	0.627	0.450	0.316	0.212	0.121
8661	86.60	0.034	-0.055	-0.155	-0.272	-0.415	-0.590	-0.798	-1.036	-1.302	-1.591
8671	86.70	-1.898	-2.208	-2.497	-2.727	-2.862	-2.876	-2.770	-2.579	-2.362	-2.184
8681	86.80	-2.092	-2.095	-2.170	-2.269	-2.349	-2.390	-2.402	-2.415	-2.456	-2.532
8691	86.90	-2.621	-2.691	-2.715	-2.700	-2.682	-2.717	-2.841	-3.042	-3.252	-3.366
8701	87.00	-3.284	-2.959	-2.423	-1.778	-1.153	-0.648	-0.292	-0.028	0.248	0.632
8711	87.10	1.151	1.737	2.248	2.521	2.449	2.034	1.394	0.729	0.240	0.061
8721	87.20	0.210	0.598	1.066	1.465	1.701	1.772	1.750	1.733	1.802	1.979
8731	87.30	2.227	2.469	2.652	2.672	2.598	2.457	2.312	2.210	2.170	2.174
8741	87.40	2.187	2.175	2.118	2.022	1.905	1.792	1.697	1.619	1.550	1.475
8751	87.50	1.386	1.285	1.180	1.081	0.993	0.915	0.839	0.756	0.662	0.555
8761	87.60	0.435	0.301	0.148	-0.030	-0.231	-0.453	-0.667	-0.848	-0.973	-1.032
8771	87.70	-1.037	-1.014	-1.000	-1.024	-1.094	-1.200	-1.312	-1.401	-1.446	-1.443
8781	87.80	-1.405	-1.353	-1.300	-1.254	-1.208	-1.149	-1.071	-0.971	-0.857	-0.738
8791	87.90	-0.620	-0.498	-0.365	-0.216	-0.058	0.087	0.181	0.183	0.064	-0.182
8801	88.00	-0.531	-0.931	-1.319	-1.629	-1.817	-1.863	-1.780	-1.604	-1.384	-1.165
8811	88.10	-0.977	-0.820	-0.671	-0.492	-0.243	0.090	0.490	0.905	1.258	1.478
8821	88.20	1.517	1.374	1.095	0.756	0.462	0.216	0.106	0.099	0.151	0.215
8831	88.30	0.245	0.231	0.182	0.124	0.086	0.091	0.144	0.233	0.335	0.419
8841	88.40	0.462	0.451	0.392	0.305	0.224	0.178	0.188	0.256	0.367	0.494
8851	88.50	0.615	0.715	0.796	0.866	0.930	0.980	0.999	0.969	0.886	0.771
8861	88.60	0.666	0.617	0.648	0.747	0.860	0.922	0.883	0.745	0.567	0.437
8871	88.70	0.426	0.560	0.702	0.769	0.600	0.125	-0.600	-1.396	-2.023	-2.257
8881	88.80	-2.000	-1.317	-0.618	0.421	0.963	1.095	0.855	0.403	-0.059	-0.375
8891	88.90	-0.485	-0.431	-0.314	-0.233	-0.235	-0.298	-0.354	-0.332	-0.196	0.043
8901	89.00	0.324	0.579	0.759	0.842	0.834	0.750	0.595	0.361	0.042	-0.352
8911	89.10	-0.780	-1.173	-1.453	-1.566	-1.498	-1.291	-1.018	-0.765	-0.591	-0.519
8921	89.20	-0.531	-0.568	-0.652	-0.706	-0.753	-0.808	-0.882	-0.964	-1.021	-1.011
8931	89.30	-0.907	-0.708	-0.455	-0.218	-0.074	-0.078	-0.245	-0.538	-0.887	-1.206
8941	89.40	-1.429	-1.525	-1.506	-1.416	-1.307	-1.223	-1.184	-1.185	-1.210	-1.248
8951	89.50	-1.298	-1.370	-1.478	-1.626	-1.789	-1.937	-2.027	-2.032	-1.949	-1.803
8961	89.60	-1.641	-1.506	-1.423	-1.392	-1.382	-1.356	-1.272	-1.114	-0.881	-0.586
8971	89.70	-0.244	0.127	0.515	0.906	1.276	1.589	1.807	1.896	1.861	1.654
8981	89.80	1.379	1.079	0.821	0.662	0.630	0.723	0.907	1.128	1.327	1.465
8991	89.90	1.529	1.545	1.567	1.657	1.860	2.178	2.565	2.941	3.223	3.361

Table 7—22—19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1415 401-G-1 -7 LG. (HA.) BIWAKO BRIDGE MAX. ACC. = 105.424 (GAL) T= 1.81 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
9001	90.00	3.363	3.293	3.244	3.285	3.421	3.574	3.611	3.396	2.849	2.011
9011	90.10	1.029	0.119	-0.513	-0.743	-0.580	-0.151	0.348	0.733	0.899	0.845
9021	90.20	0.661	0.476	0.396	0.456	0.629	0.835	0.989	1.035	0.966	0.813
9031	90.30	0.621	0.428	0.247	0.069	-0.122	-0.330	-0.546	-0.746	-0.898	-0.993
9041	90.40	-1.037	-1.057	-1.089	-1.163	-1.291	-1.462	-1.646	-1.799	-1.885	-1.879
9051	90.50	-1.779	-1.605	-1.390	-1.172	-0.982	-0.834	-0.726	-0.643	-0.564	-0.475
9061	90.60	-0.368	-0.249	-0.126	-0.009	0.099	0.201	0.301	0.406	0.519	0.644
9071	90.70	0.785	0.943	1.119	1.297	1.452	1.546	1.543	1.428	1.218	0.961
9081	90.80	0.726	0.574	0.529	0.568	0.631	0.668	0.581	0.444	0.303	0.262
9091	90.90	0.315	0.511	0.762	0.870	0.772	0.393	-0.212	-0.899	-1.478	-1.797

Table 7—23—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIWAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.860	0.388	-1.877	-3.969	-4.770	-3.667	0.075	5.207	10.677	15.050
11	0.10	17.185	16.589	13.547	8.990	4.179	0.363	-1.652	-1.489	0.552	3.688
21	0.20	6.834	8.867	8.915	6.596	2.145	-3.632	-9.567	-14.470	-17.471	-18.242
31	0.30	-17.030	-14.481	-11.351	-8.233	-5.414	-2.904	-0.596	1.552	3.430	4.810
41	0.40	5.494	5.454	4.881	4.093	3.366	2.755	2.071	0.970	-0.816	-3.269
51	0.50	-6.013	-8.419	-9.859	-9.975	-8.827	-6.862	-4.599	-2.555	-0.866	0.601
61	0.60	2.089	3.695	5.209	6.135	5.918	4.257	1.351	-2.065	-4.929	-6.235
71	0.70	-5.420	-2.597	1.482	5.691	8.932	10.486	10.199	8.446	5.917	3.351
81	0.80	1.313	0.100	-0.227	0.259	1.435	3.162	5.234	7.318	8.927	9.486
91	0.90	8.504	5.779	1.564	-3.612	-8.104	-11.453	-12.742	-11.841	-9.261	-5.950
101	1.00	-2.934	-0.940	-0.162	-0.293	-0.787	-1.222	-1.575	-2.263	-3.791	-6.542
111	1.10	-10.217	-13.868	-16.158	-15.920	-12.733	-7.226	-0.934	4.272	6.948	6.660
121	1.20	4.166	1.018	-1.153	-1.378	0.245	2.682	4.538	4.784	3.282	0.822
131	1.30	-1.310	-2.018	-0.978	1.186	3.216	3.862	2.526	-0.420	-3.789	-6.117
141	1.40	-6.329	-4.198	-0.406	3.803	7.173	8.925	8.975	7.813	6.161	4.608
151	1.50	3.394	2.422	1.436	0.238	-1.178	-2.636	-3.876	-4.678	-4.928	-4.604
161	1.60	-3.729	-2.346	-0.541	1.504	3.487	5.042	5.868	5.883	5.302	4.569
171	1.70	4.163	4.356	5.054	5.815	6.049	5.318	3.566	1.175	-1.196	-2.904
181	1.80	-3.612	-3.402	-2.686	-1.956	-1.515	-1.340	-1.141	-0.583	0.466	1.798
191	1.90	2.926	3.296	2.575	0.808	-1.571	-3.940	-5.741	-6.696	-6.861	-6.523
201	2.00	-6.008	-5.519	-5.072	-4.563	-3.896	-3.084	-2.263	-1.607	-1.203	-0.980
211	2.10	-0.733	-0.250	0.540	1.477	2.210	2.356	1.697	0.333	-1.319	-2.666
221	2.20	-3.165	-2.558	-0.948	1.246	3.471	5.254	6.382	6.829	6.879	6.779
231	2.30	6.714	6.730	6.763	6.722	6.558	6.293	5.979	5.633	5.175	4.432
241	2.40	3.202	1.353	-1.071	-3.823	-6.491	-8.619	-9.849	-10.043	-9.319	-8.007
251	2.50	-6.534	-5.279	-4.466	-4.111	-4.071	-4.120	-4.054	-3.766	-3.266	-2.642
261	2.60	-1.998	-1.393	-0.815	-0.205	0.500	1.313	2.124	2.975	3.807	4.014
271	2.70	4.224	4.333	4.453	4.651	4.909	5.129	5.175	4.946	4.427	3.699
281	2.80	2.906	2.190	1.634	1.237	0.930	0.633	0.301	-0.043	-0.332	-0.497
291	2.90	-0.517	-0.449	-0.408	-0.509	-0.815	-1.291	-1.812	-2.210	-2.344	-2.152
301	3.00	-1.674	-1.025	-0.345	0.258	0.737	1.105	1.409	1.692	1.972	2.236
311	3.10	2.464	2.661	2.774	2.886	2.998	3.113	3.219	3.290	3.312	3.290
321	3.20	3.246	3.197	3.134	3.005	2.725	2.213	1.634	0.931	-0.668	-1.686
331	3.30	-2.453	-2.865	-2.915	-2.688	-2.317	-1.928	-1.590	-1.308	-1.038	-0.742
341	3.40	-0.416	-0.114	0.079	0.085	-0.117	-0.476	-0.881	-1.203	-1.351	-1.302
351	3.50	-1.129	-0.913	-0.753	-0.695	-0.720	-0.765	-0.764	-0.687	-0.562	-0.464
361	3.60	-0.486	-0.692	-1.096	-1.652	-2.276	-2.876	-3.385	-3.775	-4.059	-4.275
371	3.70	-4.472	-4.695	-4.970	-5.306	-5.682	-6.048	-6.332	-6.453	-6.366	-5.988
381	3.80	-5.607	-4.682	-3.913	-3.183	-2.530	-1.932	-1.326	-0.669	0.130	0.989
391	3.90	1.861	2.670	3.367	3.953	4.469	4.963	5.454	5.908	6.253	6.418
401	4.00	6.378	6.180	5.932	5.758	5.734	5.847	6.001	6.057	5.901	5.499
411	4.10	4.916	4.279	3.757	3.295	2.984	2.678	2.243	1.585	0.691	-0.375
421	4.20	-1.495	-2.567	-3.444	-4.139	-4.626	-4.922	-5.060	-5.103	-5.147	-5.319
431	4.30	-5.740	-6.469	-7.459	-8.536	-9.448	-9.945	-9.887	-9.303	-8.382	-7.390
441	4.40	-6.549	-5.933	-5.437	-4.838	-3.925	-2.621	-1.051	0.494	1.679	2.277
451	4.50	2.273	1.876	1.417	1.199	1.358	1.808	2.295	2.528	2.326	1.707
461	4.60	0.872	0.107	-0.349	-0.416	-0.192	0.103	0.243	0.104	-0.290	-0.785
471	4.70	-1.180	-1.315	-1.137	-0.701	-0.131	0.443	0.937	1.327	1.640	1.923
481	4.80	2.214	2.531	2.877	3.243	3.615	3.969	4.270	4.478	4.573	4.568
491	4.90	4.530	4.556	4.735	5.105	5.613	6.123	6.464	6.497	6.177	5.577

Table 7—23—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIWAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.852	4.176	3.668	3.345	3.140	2.949	2.708	2.434	2.221	2.191
511	5.10	2.422	2.895	3.489	4.027	4.348	4.378	4.145	3.760	3.349	2.997
521	5.20	2.211	2.437	2.104	1.623	1.163	0.642	0.187	-0.161	-0.423	-0.666
531	5.30	-0.977	-1.413	-1.980	-2.638	-3.226	-3.993	-4.615	-5.195	-5.736	-6.227
541	5.40	-6.644	-6.961	-7.185	-7.367	-7.593	-7.939	-8.422	-8.962	-9.389	-9.494
551	5.50	-9.112	-8.205	-6.890	-5.625	-4.122	-3.245	-2.925	-3.119	-3.639	-4.233
561	5.60	-4.675	-4.840	-4.731	-4.456	-4.166	-3.989	-3.981	-4.114	-4.300	-4.434
571	5.70	-4.461	-4.299	-4.040	-3.722	-3.395	-3.066	-2.692	-2.197	-1.505	-0.587
581	5.80	0.522	1.721	2.884	3.906	4.753	5.475	6.186	7.009	8.010	9.156
591	5.90	10.312	11.291	11.928	12.150	12.013	11.682	11.384	11.228	11.338	11.638
601	6.00	11.987	12.225	12.245	12.032	11.656	11.229	10.861	10.519	10.211	9.818
611	6.10	9.235	8.397	7.310	6.044	4.708	3.414	2.248	1.249	0.412	-0.308
621	6.20	-0.980	-1.678	-2.460	-3.353	-4.333	-5.331	-6.245	-6.970	-7.437	-7.657
631	6.30	-7.627	-7.510	-7.392	-7.337	-7.347	-7.358	-7.275	-7.011	-6.527	-5.844
641	6.40	-5.035	-4.194	-3.408	-2.736	-2.208	-1.833	-1.608	-1.515	-1.520	-1.558
651	6.50	-1.544	-1.389	-1.035	-0.485	0.186	0.846	1.356	1.611	1.584	1.327
661	6.60	0.943	0.544	0.205	-0.044	-0.215	-0.322	-0.360	-0.296	-0.092	0.255
671	6.70	0.690	1.091	1.312	1.235	0.830	0.176	-0.565	-1.208	-1.616	-1.759
681	6.80	-1.712	-1.623	-1.642	-1.859	-2.277	-2.822	-3.395	-3.918	-4.370	-4.783
691	6.90	-5.209	-5.680	-6.186	-6.675	-7.083	-7.377	-7.573	-7.738	-7.953	-8.270
701	7.00	-8.684	-9.124	-9.485	-9.670	-9.628	-9.575	-8.978	-8.519	-8.062	-7.624
711	7.10	-7.183	-6.698	-6.135	-5.489	-4.787	-4.072	-3.378	-2.724	-2.102	-1.497
721	7.20	-0.893	-0.290	0.302	0.873	1.419	1.952	2.491	3.055	3.647	4.255
731	7.30	4.854	5.422	5.945	6.425	6.869	7.283	7.666	8.013	8.329	8.633
741	7.40	8.964	9.369	9.876	10.477	11.220	11.228	12.224	12.573	12.781	12.940
751	7.50	13.096	13.302	13.540	13.735	13.783	13.605	13.182	12.572	11.885	11.228
761	7.60	10.658	10.152	9.624	8.968	8.114	7.064	5.893	4.708	3.594	2.560
771	7.70	1.532	0.381	-1.014	-2.707	-4.642	-6.670	-8.589	-10.220	-11.466	-12.338
781	7.80	-12.943	-13.439	-13.968	-14.611	-15.366	-16.162	-16.890	-17.446	-17.761	-17.815
791	7.90	-17.625	-17.224	-16.639	-15.877	-14.928	-13.782	-12.450	-10.981	-9.462	-7.995
801	8.00	-6.671	-5.528	-4.532	-3.579	-2.524	-1.235	0.362	2.241	4.279	6.287
811	8.10	8.066	9.470	10.444	11.029	11.343	11.522	11.676	11.853	12.032	12.148
821	8.20	12.129	11.930	11.558	11.064	10.526	10.015	9.566	9.165	8.751	8.242
831	8.30	7.558	6.652	5.522	4.214	2.802	1.369	-0.014	-1.306	-2.490	-3.565
841	8.40	-4.532	-5.385	-6.111	-6.700	-7.157	-7.507	-7.789	-8.043	-8.285	-8.497
851	8.50	-8.651	-8.627	-8.466	-8.090	-7.611	-7.091	-6.611	-6.219	-5.910	-5.635
861	8.60	-5.325	-4.924	-4.416	-3.815	-3.167	-2.501	-1.827	-1.128	-0.385	0.398
871	8.70	1.176	1.871	2.404	2.728	2.862	2.888	2.923	3.073	3.390	3.852
881	8.80	4.379	4.876	5.270	5.551	5.766	5.996	6.318	6.773	7.367	7.986
891	8.90	8.611	9.166	9.532	9.736	9.745	9.569	9.239	8.811	8.353	7.934
901	9.00	7.596	7.332	7.081	6.744	6.221	5.459	4.481	3.390	2.337	1.468
911	9.10	0.865	0.521	0.344	0.199	-0.036	-0.427	-0.960	-1.557	-2.121	-2.576
921	9.20	-2.899	-3.121	-3.307	-3.524	-3.809	-4.159	-4.534	-4.881	-5.156	-5.343
931	9.30	-5.462	-5.553	-5.665	-5.832	-6.076	-6.362	-6.669	-6.941	-7.132	-7.211
941	9.40	-7.171	-7.029	-6.817	-6.568	-6.311	-6.057	-5.807	-5.555	-5.296	-5.034
951	9.50	-4.775	-4.524	-4.279	-4.026	-3.748	-3.430	-3.073	-2.694	-2.328	-2.007
961	9.60	-1.746	-1.536	-1.344	-1.125	-0.859	-0.473	-0.041	0.418	0.855	1.229
971	9.70	1.557	1.716	1.838	1.906	1.946	1.986	2.057	2.185	2.389	2.668
981	9.80	2.991	3.308	3.554	3.673	3.639	3.460	3.178	2.869	2.532	2.224
991	9.90	1.965	1.744	1.569	1.464	1.466	1.602	1.866	2.207	2.532	2.736

Table 7—23—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIMAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.734	2.510	2.105	1.612	1.132	0.729	0.406	0.106	-0.254	-0.761
1011	10.10	-1.365	-2.073	-2.761	-3.323	-3.695	-3.877	-3.936	-3.969	-4.061	-4.241
1021	10.20	-4.476	-4.678	-4.751	-4.624	-4.285	-3.779	-3.182	-2.570	-1.979	-1.395
1031	10.30	-0.758	0.001	0.931	2.033	3.253	4.499	5.669	6.684	7.508	8.150
1041	10.40	8.645	9.036	9.341	9.562	9.668	9.625	9.411	9.027	8.499	7.862
1051	10.50	7.145	6.358	5.490	4.523	3.455	2.319	1.190	0.168	-0.652	-1.216
1061	10.60	-1.541	-1.719	-1.889	-2.191	-2.716	-3.472	-4.374	-5.276	-6.024	-6.512
1071	10.70	-6.712	-6.685	-6.547	-6.418	-6.375	-6.431	-6.535	-6.606	-6.576	-6.422
1081	10.80	-6.172	-5.888	-5.635	-5.446	-5.312	-5.190	-5.030	-4.805	-4.525	-4.231
1091	10.90	-3.973	-3.783	-3.649	-3.526	-3.349	-3.072	-2.686	-2.228	-1.766	-1.361
1101	11.00	-1.050	-0.821	-0.626	-0.405	-0.116	0.244	0.637	1.004	1.291	1.471
1111	11.10	1.557	1.588	1.611	1.661	1.749	1.861	1.973	2.063	2.123	2.159
1121	11.20	2.181	2.199	2.210	2.203	2.157	2.058	1.893	1.658	1.356	0.995
1131	11.30	0.596	0.189	-0.185	-0.480	-0.658	-0.707	-0.660	-0.498	-0.334	-0.185
1141	11.40	-0.055	0.086	0.291	0.614	1.074	1.669	2.276	2.876	3.385	3.780
1151	11.50	4.079	4.328	4.575	4.839	5.109	5.366	5.510	5.579	5.558	5.469
1161	11.60	5.335	5.157	4.914	4.573	4.120	3.576	3.005	2.493	2.112	1.857
1171	11.70	1.783	1.715	1.585	1.325	0.920	0.410	-0.145	-0.700	-1.257	-1.858
1181	11.80	-2.561	-3.389	-4.296	-5.166	-5.840	-6.175	-6.101	-5.643	-4.915	-4.073
1191	11.90	-3.257	-2.550	-1.966	-1.467	-1.021	-0.614	-0.270	-0.028	0.088	0.102
1201	12.00	0.091	0.160	0.406	0.878	1.562	2.392	3.282	4.162	4.993	5.766
1211	12.10	6.477	7.104	7.596	7.892	7.946	7.765	7.417	7.016	6.685	6.503
1221	12.20	6.681	6.560	6.441	6.626	6.661	6.455	5.713	5.203	4.623	3.941
1231	12.30	3.104	2.073	0.860	-0.455	-1.740	-2.854	-3.698	-4.253	-4.585	-4.818
1241	12.40	-5.085	-5.475	-6.009	-6.638	-7.270	-7.817	-8.222	-8.477	-8.616	-8.694
1251	12.50	-8.754	-8.821	-8.889	-8.939	-8.948	-8.905	-8.810	-8.672	-8.504	-8.316
1261	12.60	-8.113	-7.902	-7.692	-7.497	-7.326	-7.181	-7.046	-6.893	-6.681	-6.377
1271	12.70	-5.960	-5.431	-4.811	-4.133	-3.429	-2.723	-2.030	-1.356	-0.709	-0.104
1281	12.80	0.435	0.881	1.215	1.431	1.544	1.588	1.605	1.633	1.702	1.821
1291	12.90	1.986	2.187	2.411	2.651	2.909	3.192	3.508	3.860	4.241	4.631
1301	13.00	5.000	5.308	5.515	5.584	5.492	5.237	4.840	4.338	3.783	3.222
1311	13.10	2.693	2.218	1.800	1.432	1.104	0.808	0.540	0.294	0.054	-0.203
1321	13.20	-0.505	-0.872	-1.304	-1.770	-2.218	-2.581	-2.809	-2.882	-2.817	-2.663
1331	13.30	-2.477	-2.299	-2.138	-1.973	-1.767	-1.497	-1.168	-0.812	-0.478	-0.206
1341	13.40	0.009	0.198	0.425	0.744	1.176	1.690	2.218	2.682	3.033	3.276
1351	13.50	3.466	3.678	3.971	4.352	4.766	5.159	5.325	5.317	5.189	4.965
1361	13.60	4.771	4.687	4.728	4.842	4.939	4.933	4.784	4.515	4.193	3.894
1371	13.70	3.664	3.494	3.331	3.107	2.783	2.371	1.933	1.552	1.269	1.152
1381	13.80	1.082	0.982	0.754	0.350	-0.214	-0.852	-1.448	-1.896	-2.139	-2.180
1391	13.90	-2.079	-1.922	-1.791	-1.742	-1.792	-1.926	-2.108	-2.292	-2.435	-2.503
1401	14.00	-2.477	-2.364	-2.195	-2.028	-1.927	-1.940	-2.076	-2.290	-2.490	-2.563
1411	14.10	-2.620	-2.629	-1.441	-0.776	-0.176	0.234	0.395	0.337	0.158	-0.020
1421	14.20	-0.099	-0.046	0.107	0.272	0.360	0.321	0.163	-0.054	-0.244	-0.339
1431	14.30	-0.316	-0.206	-0.075	0.010	0.010	-0.066	-0.168	-0.230	-0.203	-0.076
1441	14.40	0.115	0.305	0.424	0.423	0.291	0.051	-0.255	-0.587	-0.921	-1.256
1451	14.50	-1.608	-1.989	-2.401	-2.826	-3.231	-3.579	-3.840	-4.000	-4.058	-4.027
1461	14.60	-3.923	-3.766	-3.579	-3.392	-3.240	-3.161	-3.179	-3.294	-3.473	-3.651
1471	14.70	-3.747	-3.692	-3.449	-3.033	-2.504	-1.949	-1.450	-1.060	-0.783	-0.584
1481	14.80	-0.406	-0.198	0.061	0.352	0.637	0.874	1.050	1.193	1.367	1.652
1491	14.90	2.106	2.740	3.507	4.305	5.012	5.524	5.781	5.783	5.582	5.254

Table 7—23—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIMAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	6.870	6.473	6.072	5.652	5.198	4.716	4.229	3.791	3.445	3.211
1511	15.10	1.068	0.957	0.803	0.539	0.134	-0.390	-0.969	-1.513	-1.933	-2.171
1521	15.20	-2.209	-2.076	-1.836	-1.575	-1.382	-1.327	-1.451	-1.749	-2.171	-2.631
1531	15.30	-3.027	-3.273	-3.331	-3.225	-3.037	-2.873	-2.816	-2.886	-3.023	-3.102
1541	15.40	-2.989	-2.602	-1.951	-1.149	-0.369	0.229	0.562	0.668	0.680	0.773
1551	15.50	1.076	1.612	2.288	2.937	3.395	3.582	3.535	3.393	3.331	3.476
1561	15.60	3.851	4.369	4.877	5.227	5.344	5.268	5.028	4.790	4.592	4.415
1571	15.70	4.127	3.782	3.180	2.403	1.560	0.799	0.242	-0.061	-0.148	-0.124
1581	15.80	-0.115	-0.219	-0.477	-0.868	-1.335	-1.806	-2.225	-2.552	-2.770	-2.879
1591	15.90	-2.891	-2.838	-2.765	-2.721	-2.739	-2.814	-2.892	-2.886	-2.708	-2.512
1601	16.00	-1.728	-1.057	-0.637	0.022	0.285	0.422	0.579	0.908	1.496	2.304
1611	16.10	3.177	3.892	4.247	4.148	3.642	2.901	2.148	1.573	1.261	1.186
1621	16.20	1.233	1.273	1.221	1.066	0.867	0.704	0.630	0.644	0.696	0.700
1631	16.30	0.604	0.390	0.091	-0.232	-0.519	-0.738	-0.887	-0.987	-1.056	-1.101
1641	16.40	-1.115	-1.094	-1.048	-1.011	-1.031	-1.148	-1.372	-1.671	-1.985	-2.243
1651	16.50	-2.402	-2.459	-2.455	-2.448	-2.490	-2.599	-2.756	-2.914	-3.026	-3.062
1661	16.60	-3.022	-2.929	-2.815	-2.702	-2.604	-2.528	-2.486	-2.499	-2.589	-2.764
1671	16.70	-2.998	-3.227	-3.362	-3.321	-3.063	-2.614	-2.063	-1.530	-1.127	-0.913
1681	16.80	-0.875	-0.941	-1.013	-1.009	-0.859	-0.666	-0.383	-0.091	0.177	0.404
1691	16.90	0.590	0.724	0.785	0.749	0.605	0.384	0.160	0.038	0.115	0.434
1701	17.00	0.962	1.585	2.151	2.518	2.612	2.454	2.144	1.828	1.631	1.618
1711	17.10	1.770	2.003	2.202	2.272	2.170	1.919	1.590	1.274	1.046	0.940
1721	17.20	0.944	1.003	1.044	1.001	0.840	0.568	0.236	-0.076	-0.285	-0.532
1731	17.30	-0.199	0.079	0.425	0.746	0.958	1.014	0.914	0.700	0.460	0.204
1741	17.40	0.045	-0.010	0.037	0.167	0.345	0.531	0.684	0.767	0.755	0.644
1751	17.50	0.459	0.245	0.062	-0.040	-0.039	0.050	0.182	0.302	0.374	0.392
1761	17.60	0.392	0.428	0.548	0.772	1.076	1.406	1.703	1.928	2.078	2.181
1771	17.70	2.281	2.402	2.539	2.647	2.667	2.544	2.259	1.833	1.328	0.818
1781	17.80	0.370	0.027	-0.200	-0.324	-0.370	-0.364	-0.331	-0.296	-0.289	-0.343
1791	17.90	-0.488	-0.737	-1.078	-1.467	-1.837	-2.112	-2.231	-2.172	-1.955	-1.644
1801	18.00	-1.322	-1.067	-0.926	-0.895	-0.925	-0.943	-0.874	-0.677	-0.357	0.033
1811	18.10	0.421	0.737	0.949	1.065	1.126	1.180	1.257	1.353	1.438	1.476
1821	18.20	1.458	1.411	1.390	1.450	1.601	1.798	1.929	1.883	1.586	1.046
1831	18.30	0.379	-0.246	-0.668	-0.809	-0.711	-0.525	-0.349	-0.642	-1.152	-1.896
1841	18.40	-2.692	-3.338	-3.688	-3.709	-3.473	-3.111	-2.751	-2.468	-2.238	-2.040
1851	18.50	-1.830	-1.622	-1.480	-1.492	-1.709	-2.104	-2.559	-2.902	-2.976	-2.709
1861	18.60	-2.152	-1.667	-0.863	-0.514	-0.489	-0.726	-1.058	-1.280	-1.237	-0.873
1871	18.70	-0.257	0.455	1.078	1.467	1.563	1.405	1.098	0.775	0.539	0.438
1881	18.80	0.455	0.535	0.613	0.645	0.632	0.607	0.621	0.715	0.891	1.114
1891	18.90	1.320	1.444	1.445	1.326	1.135	0.944	0.822	0.807	0.891	1.029
1901	19.00	1.156	1.207	1.160	1.023	0.836	0.642	0.488	0.389	0.340	0.324
1911	19.10	0.320	0.318	0.314	0.309	0.303	0.289	0.256	0.198	0.117	0.027
1921	19.20	-0.051	-0.098	-0.104	-0.075	-0.029	0.012	0.032	0.027	0.002	-0.035
1931	19.30	-0.075	-0.118	-0.170	-0.240	-0.328	-0.430	-0.533	-0.623	-0.690	-0.733
1941	19.40	-0.757	-0.773	-0.786	-0.799	-0.809	-0.814	-0.812	-0.804	-0.795	-0.784
1951	19.50	-0.767	-0.735	-0.680	-0.597	-0.494	-0.387	-0.300	-0.248	-0.239	-0.266
1961	19.60	-0.302	-0.325	-0.312	-0.248	-0.134	0.018	0.187	0.347	0.471	0.538
1971	19.70	0.534	0.460	0.335	0.194	0.080	0.033	0.075	0.197	0.361	0.511
1981	19.80	0.592	0.574	0.465	0.307	0.163	0.092	0.121	0.242	0.411	0.573
1991	19.90	0.682	0.724	0.717	0.701	0.714	0.777	0.879	0.987	1.058	1.065

Table 7—23—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIWAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.004	0.899	0.785	0.693	0.634	0.596	0.554	0.482	0.371	0.251
2011	20.10	0.087	-0.036	-0.129	-0.207	-0.298	-0.429	-0.605	-0.800	-0.957	-1.007
2021	20.20	-0.901	-0.426	-0.223	0.232	0.646	0.940	1.075	1.058	0.927	0.731
2031	20.30	0.507	0.269	0.009	-0.283	-0.605	-0.930	-1.219	-1.391	-1.436	-1.339
2041	20.40	-1.128	-0.857	-0.578	-0.327	-0.112	0.083	0.281	0.495	0.716	0.917
2051	20.50	1.065	1.139	1.140	1.093	1.034	0.996	0.593	1.011	1.032	1.032
2061	20.60	1.006	0.965	0.938	0.951	1.016	1.122	1.238	1.330	1.371	1.356
2071	20.70	1.296	1.207	1.100	0.969	0.791	0.544	0.222	-0.157	-0.543	-0.872
2081	20.80	-1.099	-1.172	-1.137	-1.044	-0.967	-0.974	-1.094	-1.310	-1.563	-1.773
2091	20.90	-1.869	-1.817	-1.632	-1.376	-1.157	-1.002	-1.024	-1.207	-1.504	-1.833
2101	21.00	-2.107	-2.263	-2.286	-2.212	-2.114	-2.070	-2.134	-2.304	-2.530	-2.723
2111	21.10	-2.797	-2.705	-2.452	-2.113	-1.783	-1.546	-1.438	-1.426	-1.422	-1.326
2121	21.20	-1.067	-0.647	-0.110	0.332	0.650	0.748	0.645	0.436	0.255	0.217
2131	21.30	0.373	0.692	1.075	1.407	1.607	1.657	1.613	1.569	1.609	1.775
2141	21.40	2.060	2.329	2.556	2.661	2.638	2.536	2.426	2.383	2.437	2.573
2151	21.50	2.735	2.855	2.880	2.785	2.582	2.304	1.996	1.702	1.661	1.598
2161	21.60	1.230	1.259	1.364	1.507	1.634	1.695	1.659	1.531	1.368	1.163
2171	21.70	1.019	0.927	0.853	0.736	0.511	0.148	-0.333	-0.863	-1.351	-1.714
2181	21.80	-1.916	-1.971	-1.935	-1.872	-1.828	-1.810	-1.796	-1.750	-1.655	-1.526
2191	21.90	-1.403	-1.339	-1.364	-1.473	-1.621	-1.742	-1.776	-1.693	-1.503	-1.250
2201	22.00	-0.991	-0.774	-0.626	-0.551	-0.562	-0.589	-0.693	-0.854	-1.068	-1.316
2211	22.10	-1.558	-1.743	-1.825	-1.773	-1.589	-1.299	-0.949	-0.563	-0.238	0.070
2221	22.20	0.334	0.551	0.716	0.816	0.861	0.784	0.661	0.505	0.364	0.290
2231	22.30	0.319	0.462	0.698	0.981	1.252	1.462	1.581	1.615	1.592	1.557
2241	22.40	1.545	1.572	1.620	1.647	1.604	1.457	1.201	0.870	0.527	0.239
2251	22.50	0.056	-0.009	0.017	0.077	0.111	0.077	-0.033	-0.197	-0.368	-0.503
2261	22.60	-0.573	-0.576	-0.531	-0.488	-0.416	-0.392	-0.402	-0.440	-0.496	-0.553
2271	22.70	-0.603	-0.632	-0.623	-0.569	-0.467	-0.330	-0.183	-0.059	0.019	0.041
2281	22.80	0.020	-0.013	-0.024	0.008	0.083	0.177	0.252	0.271	0.218	0.100
2291	22.90	-0.058	-0.220	-0.362	-0.476	-0.570	-0.659	-0.755	-0.860	-0.963	-1.051
2301	23.00	-1.118	-1.171	-1.227	-1.308	-1.421	-1.558	-1.689	-1.779	-1.801	-1.749
2311	23.10	-1.645	-1.526	-1.433	-1.390	-1.399	-1.434	-1.460	-1.446	-1.379	-1.274
2321	23.20	-1.159	-1.069	-1.025	-1.027	-1.051	-1.064	-1.030	-0.931	-0.771	-0.571
2331	23.30	-0.363	-0.172	-0.012	0.123	0.250	0.391	0.560	0.760	0.980	1.208
2341	23.40	1.436	1.667	1.916	2.198	2.518	2.857	3.171	3.406	3.515	3.477
2351	23.50	3.316	3.090	2.875	2.732	2.687	2.713	2.745	2.707	2.569	2.261
2361	23.60	1.895	1.530	1.248	1.097	1.078	1.168	1.243	1.303	1.296	1.224
2371	23.70	1.105	0.959	0.795	0.605	0.377	0.113	-0.164	-0.413	-0.592	-0.685
2381	23.80	-0.705	-0.705	-0.755	-0.903	-1.161	-1.491	-1.823	-2.081	-2.213	-2.217
2391	23.90	-2.130	-2.017	-1.937	-1.920	-1.962	-2.029	-2.074	-2.065	-1.993	-1.876
2401	24.00	-1.752	-1.665	-1.646	-1.708	-1.836	-1.989	-2.106	-2.124	-1.992	-1.690
2411	24.10	-1.245	-0.728	-0.239	0.126	0.305	0.298	0.173	0.039	0.013	0.172
2421	24.20	0.531	1.035	1.586	2.078	2.440	2.647	2.723	2.714	2.663	2.589
2431	24.30	2.488	2.343	2.142	1.891	1.615	1.365	1.106	0.905	0.731	0.572
2441	24.40	0.418	0.276	0.158	0.075	0.021	-0.025	-0.091	-0.195	-0.328	-0.450
2451	24.50	-0.509	-0.461	-0.302	-0.078	0.126	0.214	0.120	-0.160	-0.569	-1.003
2461	24.60	-1.353	-1.544	-1.564	-1.456	-1.299	-1.171	-1.115	-1.130	-1.178	-1.208
2471	24.70	-1.183	-1.093	-0.955	-0.795	-0.635	-0.474	-0.296	-0.076	0.196	0.508
2481	24.80	0.826	1.107	1.318	1.447	1.515	1.555	1.604	1.679	1.774	1.862
2491	24.90	1.907	1.888	1.800	1.663	1.504	1.350	1.216	1.103	1.008	0.932

Table 7—23—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1116 401-G-1 -7 U-D (U-D) BIWAKO BRIDGE MAX. ACC. = -18.242 (GAL) T= 0.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.882	0.874	0.914	0.994	1.078	1.118	1.084	0.890	0.607	0.265
2511	25.10	-0.066	-0.320	-0.465	-0.509	-0.500	-0.502	-0.563	-0.700	-0.894	-1.099
2521	25.20	-1.274	-1.402	-1.495	-1.592	-1.734	-1.939	-2.188	-2.431	-2.603	-2.656
2531	25.30	-2.572	-2.377	-2.126	-1.880	-1.683	-1.545	-1.465	-1.368	-1.225	-1.074
2541	25.40	-0.916	-0.795	-0.749	-0.795	-0.920	-1.077	-1.213	-1.278	-1.253	-1.150
2551	25.50	-1.006	-0.868	-0.773	-0.734	-0.740	-0.763	-0.775	-0.757	-0.710	-0.645
2561	25.60	-0.583	-0.535	-0.499	-0.461	-0.399	-0.299	-0.161	0.000	0.161	0.296
2571	25.70	0.391	0.444	0.470	0.485	0.505	0.536	0.579	0.627	0.679	0.734
2581	25.80	0.796	0.866	0.935	0.982	0.987	0.936	0.832	0.706	0.603	0.569
2591	25.90	0.629	0.770	0.945	1.086	1.132	1.059	0.894	0.709	0.593	0.613
2601	26.00	0.787	1.066	1.348	1.532	1.545	1.377	1.091	0.785	0.556	0.453
2611	26.10	0.459	0.499	0.479	0.336	0.069	-0.260	-0.549	-0.708	-0.702	-0.563
2621	26.20	-0.379	-0.244	-0.213	-0.271	-0.361	-0.320	-0.141	0.194	0.599	0.941
2631	26.30	1.092	0.991	0.671	0.247	-0.132					

Table 7—21—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1117 401-G-1 -7 TR. (NS.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.473	2.705	3.230	4.029	4.941	5.766	6.058	5.838	5.074	3.985
11	0.10	2.902	2.161	1.880	2.086	2.531	2.893	2.883	2.551	1.329	-0.011
21	0.20	-1.445	-2.796	-3.980	-5.017	-5.966	-6.862	-7.706	-8.432	-8.979	-9.300
31	0.30	-9.581	-9.225	-8.815	-8.110	-7.076	-5.747	-4.281	-2.983	-2.124	-2.005
41	0.40	-2.615	-3.663	-4.623	-4.922	-4.774	-2.366	0.110	2.608	4.694	5.414
51	0.50	5.435	4.985	4.615	4.705	5.253	5.866	5.967	5.081	3.163	0.636
61	0.60	-1.742	-3.203	-3.316	-2.182	-0.382	1.310	2.288	2.395	1.965	1.618
71	0.70	1.907	3.002	4.572	5.939	6.614	5.660	3.871	1.686	-0.168	-1.271
81	0.80	-1.819	-2.594	-4.629	-8.693	-14.830	-22.186	-29.320	-34.277	-36.209	-36.870
91	0.90	-31.189	-26.837	-23.586	-22.658	-24.320	-27.883	-32.094	-35.729	-38.115	-39.379
101	1.00	-40.317	-41.978	-45.161	-50.039	-56.085	-62.283	-67.530	-71.025	-72.496	-72.178
111	1.10	-70.587	-68.221	-65.325	-61.825	-57.428	-51.828	-44.897	-36.757	-27.719	-18.113
121	1.20	-8.112	2.364	13.596	25.891	39.352	53.705	68.272	82.119	94.327	104.292
131	1.30	111.919	117.626	122.153	126.234	130.294	134.282	137.703	139.868	140.192	138.424
141	1.40	136.694	129.369	122.806	115.177	106.676	96.738	86.343	76.207	67.680	62.122
151	1.50	60.306	61.966	65.666	69.400	71.678	71.306	69.877	69.357	71.958	78.526
161	1.60	87.512	94.942	95.596	85.034	61.680	27.990	-9.916	-44.175	-68.019	-78.310
171	1.70	-76.779	-69.362	-63.744	-66.489	-80.316	-103.255	-129.643	-152.560	-166.658	-170.148
181	1.80	-165.177	-156.538	-149.415	-147.188	-150.267	-156.342	-161.800	-163.555	-160.396	-153.303
191	1.90	-144.686	-137.029	-131.650	-128.163	-124.855	-119.702	-111.481	-100.410	-88.038	-76.473
201	2.00	-67.364	-61.143	-56.864	-52.684	-46.719	-37.849	-26.123	-12.622	1.092	13.636
211	2.10	24.274	33.017	40.378	46.996	53.319	59.516	65.586	71.543	77.505	83.628
221	2.20	89.914	96.059	101.476	105.553	108.027	109.271	110.290	112.330	116.254	121.956
231	2.30	128.155	132.724	135.503	129.237	120.224	108.312	96.210	86.371	79.954	76.360
241	2.40	73.569	69.144	61.421	50.329	37.422	25.105	15.433	9.074	4.946	0.740
251	2.50	-5.941	-16.370	-30.004	-44.668	-57.514	-66.302	-70.389	-70.957	-70.411	-71.252
261	2.60	-74.981	-81.524	-89.415	-96.570	-101.235	-102.662	-101.229	-98.046	-94.314	-90.797
271	2.70	-87.630	-84.472	-80.843	-76.385	-70.934	-64.415	-56.707	-47.651	-37.230	-25.815
281	2.80	-14.285	-3.855	4.347	9.790	12.820	14.549	16.335	19.110	22.910	26.887
291	2.90	29.819	30.870	30.199	29.032	29.152	32.000	37.874	45.659	53.256	58.549
301	3.00	60.414	59.282	56.936	55.635	56.993	61.154	66.695	71.271	72.700	69.952
311	3.10	63.555	55.274	47.241	41.002	36.947	34.363	32.036	29.036	25.268	21.502
321	3.20	18.901	18.303	19.661	21.923	23.407	22.498	18.312	11.037	1.804	-7.808
331	3.30	-16.385	-23.135	-28.009	-31.503	-34.263	-36.739	-39.016	-40.875	-42.011	-42.259
341	3.40	-41.708	-40.655	-39.445	-38.306	-37.266	-36.200	-34.981	-33.621	-32.325	-31.396
351	3.50	-31.016	-31.025	-30.815	-29.432	-25.693	-19.605	-10.703	-0.133	10.588	19.889
361	3.60	26.719	30.944	33.359	35.310	38.069	42.256	47.584	53.040	57.433	60.009
371	3.70	60.827	60.687	60.651	61.490	62.793	63.868	63.320	60.191	54.413	46.876
381	3.80	38.974	31.855	25.796	20.061	13.351	4.609	-6.278	-18.297	-29.827	-39.581
391	3.90	-47.479	-54.904	-64.108	-76.990	-93.861	-112.876	-130.515	-142.998	-147.983	-145.713
401	4.00	-139.008	-132.029	-128.394	-129.519	-134.021	-138.462	-139.071	-133.586	-122.315	-107.904
411	4.10	-93.966	-83.291	-76.544	-72.078	-66.913	-58.331	-45.248	-28.687	-11.169	4.602
421	4.20	17.042	26.309	33.988	42.086	51.924	63.527	75.783	87.206	96.816	104.618
431	4.30	111.449	118.326	125.734	133.283	139.958	144.767	147.393	148.429	149.025	150.143
441	4.40	151.858	153.127	152.192	147.429	138.176	125.086	109.817	94.222	79.492	65.739
451	4.50	52.217	38.047	23.010	7.910	-5.721	-16.448	-23.823	-28.837	-33.625	-40.528
461	4.60	-50.955	-64.623	-79.564	-92.935	-102.116	-105.946	-104.928	-100.943	-96.295	-92.688
471	4.70	-90.597	-89.262	-87.240	-83.174	-76.408	-67.204	-56.527	-45.596	-35.440	-26.639
481	4.80	-19.300	-13.172	-7.793	-2.604	2.967	9.394	16.884	25.213	33.664	41.177
491	4.90	46.702	49.640	50.154	49.222	48.187	48.279	50.006	52.924	55.822	57.267

Table 7—21—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1117 401-G-1 -7 TR. (NS.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	56.251	52.624	47.104	40.875	34.959	29.698	24.577	18.484	10.278	-0.620
511	5.10	-13.866	-28.233	-42.003	-53.551	-61.849	-66.737	-68.868	-69.399	-69.569	-70.312
521	5.20	-72.022	-74.505	-77.100	-78.929	-79.194	-77.442	-73.729	-68.616	-62.984	-57.716
531	5.30	-53.350	-49.842	-46.549	-42.476	-36.672	-28.681	-18.790	-8.018	2.189	10.437
541	5.40	15.843	18.308	18.510	17.629	16.940	17.414	19.479	22.976	27.316	31.733
551	5.50	35.558	38.410	40.269	41.410	42.250	43.144	44.223	45.332	46.107	46.161
561	5.60	45.311	43.730	41.943	40.637	40.362	41.261	42.973	44.778	45.951	46.148
571	5.70	45.638	45.240	45.969	48.552	53.041	58.731	64.430	68.956	71.612	72.393
581	5.80	71.831	70.553	68.801	66.187	61.829	54.812	44.739	32.078	18.101	4.425
591	5.90	-7.622	-17.507	-25.619	-32.954	-40.533	-48.843	-57.585	-65.835	-72.515	-76.919
601	6.00	-79.019	-79.416	-78.982	-78.412	-77.923	-77.253	-75.938	-73.681	-70.605	-67.238
611	6.10	-64.247	-62.059	-60.600	-59.269	-57.187	-53.576	-48.087	-40.933	-32.767	-24.418
621	6.20	-16.595	-9.714	-3.887	0.979	5.050	8.495	11.485	14.219	16.918	19.755
631	6.30	22.745	25.677	28.152	29.742	30.207	29.657	28.539	27.460	26.887	26.895
641	6.40	27.101	26.828	25.448	22.726	19.001	15.094	11.972	10.334	10.293	11.339
651	6.50	12.571	13.110	12.493	10.855	8.836	7.258	6.718	7.309	8.563	9.651
661	6.60	9.721	8.242	5.195	1.056	-3.398	-7.361	-10.253	-11.844	-12.257	-11.855
671	6.70	-11.093	-10.375	-9.963	-9.951	-10.275	-10.768	-11.221	-11.463	-11.414	-11.123
681	6.80	-10.751	-10.508	-10.565	-10.957	-11.536	-12.001	-11.989	-11.218	-9.608	-7.339
691	6.90	-4.810	-2.518	-0.891	-0.157	-0.279	-0.997	-1.939	-2.765	-3.268	-3.418
701	7.00	-3.316	-3.115	-2.936	-2.824	-2.756	-2.669	-2.597	-2.491	-2.381	-2.233
711	7.10	-1.926	-1.266	-0.060	1.784	4.175	6.830	9.353	11.386	12.764	13.600
721	7.20	14.243	15.134	16.603	18.710	21.215	23.677	25.666	26.957	27.638	28.042
731	7.30	28.556	29.382	30.370	31.026	30.687	28.802	25.186	20.118	14.253	8.360
741	7.40	3.025	-1.549	-5.557	-9.402	-13.413	-17.594	-21.532	-24.529	-25.884	-25.228
751	7.50	-22.738	-19.138	-15.474	-12.754	-11.582	-11.956	-13.290	-14.666	-15.199	-14.400
761	7.60	-12.340	-9.606	-7.042	-5.384	-4.945	-5.461	-6.185	-6.173	-4.649	-1.320
771	7.70	3.507	9.037	14.284	18.425	21.061	22.298	22.608	22.558	22.547	22.655
781	7.80	22.688	22.355	21.490	20.180	18.735	17.497	16.615	15.896	14.842	12.871
791	7.90	9.620	5.180	0.135	-4.634	-8.298	-10.434	-11.200	-11.257	-11.469	-12.532
801	8.00	-14.682	-17.643	-20.795	-23.486	-25.321	-26.285	-26.673	-26.866	-27.117	-27.435
811	8.10	-27.646	-27.563	-27.163	-26.649	-26.340	-26.467	-26.966	-27.615	-27.161	-25.603
821	8.20	-22.492	-18.102	-13.179	-8.675	-5.392	-3.679	-3.333	-3.732	-4.124	-5.949
831	8.30	-3.039	-1.632	-0.201	0.796	1.125	0.871	0.375	0.081	0.356	1.372
841	8.40	3.076	5.240	7.555	9.721	11.505	12.778	13.521	13.828	13.882	13.924
851	8.50	14.190	14.826	15.836	17.053	18.193	18.944	19.095	18.612	17.669	16.581
861	8.60	15.693	15.256	15.343	15.838	16.488	16.995	17.117	16.724	15.811	14.468
871	8.70	12.825	11.003	9.072	7.048	4.904	2.602	0.132	-2.454	-5.027	-7.388
881	8.80	-9.311	-10.601	-11.160	-11.028	-10.383	-9.490	-8.619	-7.957	-7.551	-7.307
891	8.90	-7.043	-6.576	-5.810	-4.774	-3.619	-2.553	-1.760	-1.340	-1.272	-1.441
901	9.00	-1.690	-1.883	-1.949	-1.899	-1.801	-1.744	-1.797	-1.982	-2.270	-2.596
911	9.10	-2.881	-3.066	-3.116	-3.031	-2.829	-2.526	-2.125	-1.607	-0.937	-0.083
921	9.20	0.959	2.143	3.381	4.552	5.541	6.277	6.759	7.064	7.326	7.700
931	9.30	8.317	9.247	10.483	11.940	13.473	14.907	16.070	16.824	17.096	16.891
941	9.40	16.294	15.442	14.487	13.536	12.605	11.600	10.336	8.599	6.220	3.144
951	9.50	-0.541	-4.619	-8.806	-12.823	-16.460	-19.602	-22.222	-24.344	-26.014	-27.279
961	9.60	-28.189	-28.806	-29.211	-29.487	-29.692	-29.829	-29.841	-29.657	-29.139	-28.339
971	9.70	-27.322	-26.246	-25.276	-24.506	-23.902	-23.291	-22.421	-21.051	-19.039	-16.386
981	9.80	-13.219	-9.720	-6.040	-2.240	1.706	5.855	10.209	14.652	18.947	22.789
991	9.90	25.916	28.203	29.715	30.677	31.389	32.107	32.956	33.899	34.781	35.416

Table 7—24—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1117 401-G-1 -7 TR. (HD.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	35.682	35.570	35.177	34.650	34.103	33.566	32.968	32.174	31.055	29.539
1011	10.10	27.648	25.486	23.192	20.692	18.663	16.518	14.425	12.333	10.195	7.986
1021	10.20	5.696	3.337	0.931	-1.481	-3.847	-6.113	-8.237	-10.207	-12.052	-13.831
1031	10.30	-15.605	-17.398	-19.175	-20.868	-22.312	-23.491	-24.391	-25.102	-25.774	-26.547
1041	10.40	-27.492	-28.522	-29.660	-30.591	-31.235	-31.546	-31.574	-31.418	-31.170	-30.858
1051	10.50	-30.438	-29.814	-28.901	-27.664	-26.141	-24.424	-22.621	-20.803	-19.004	-17.235
1061	10.60	-15.489	-13.770	-12.075	-10.367	-8.551	-6.692	-4.068	-1.245	1.864	5.003
1071	10.70	7.852	10.161	11.872	13.171	14.432	16.065	18.338	21.247	24.514	27.695
1081	10.80	30.375	32.331	33.604	34.442	35.151	35.932	36.796	37.590	38.113	38.259
1091	10.90	38.088	37.798	37.603	37.586	37.633	37.462	36.767	35.378	33.362	30.987
1101	11.00	28.573	26.300	24.070	21.519	18.175	13.695	8.070	1.686	-4.787	-10.637
1111	11.10	-15.370	-18.870	-21.395	-23.412	-25.373	-27.527	-29.859	-32.161	-34.196	-35.831
1121	11.20	-37.119	-38.233	-39.356	-40.566	-41.786	-42.835	-43.535	-43.819	-43.768	-43.574
1131	11.30	-43.429	-43.421	-43.490	-43.667	-43.172	-42.526	-41.594	-40.552	-39.581	-38.755
1141	11.40	-37.969	-36.969	-35.650	-33.195	-30.169	-26.566	-22.633	-18.752	-15.126	-11.816
1151	11.50	-8.731	-5.695	-2.527	0.901	4.645	8.705	13.041	17.573	22.164	26.610
1161	11.60	30.649	34.027	36.585	38.342	39.526	40.514	41.713	43.405	45.643	48.235
1171	11.70	50.837	53.098	54.809	55.965	56.735	57.339	57.915	58.438	58.730	58.558
1181	11.80	57.754	56.301	54.319	51.972	49.350	46.384	42.869	38.578	33.422	27.564
1191	11.90	21.417	15.522	10.344	6.084	2.607	-0.491	-3.691	-7.340	-11.505	-15.967
1201	12.00	-20.346	-24.283	-27.598	-30.332	-32.678	-34.841	-36.909	-38.806	-40.350	-41.365
1211	12.10	-41.790	-41.718	-41.335	-40.816	-40.223	-39.479	-38.429	-36.952	-35.051	-32.878
1221	12.20	-30.652	-28.568	-26.589	-24.638	-22.486	-19.997	-17.225	-14.433	-11.984	-10.150
1231	12.30	-8.956	-8.104	-7.102	-5.461	-2.947	0.281	3.701	6.628	8.484	9.026
1241	12.40	8.432	7.192	5.890	4.942	4.540	4.663	4.400	4.051	3.290	2.214
1251	12.50	1.076	0.153	-0.377	-0.501	-0.335	-0.053	0.210	0.405	0.565	0.758
1261	12.60	1.036	1.404	1.830	2.272	2.718	3.191	3.748	4.447	5.324	6.378
1271	12.70	7.576	8.863	10.164	11.395	12.465	13.291	13.826	14.082	14.144	14.151
1281	12.80	14.247	14.527	14.989	15.535	16.017	16.308	16.364	16.244	16.076	15.781
1291	12.90	16.004	16.081	16.068	15.822	15.278	14.488	13.603	12.786	12.128	11.593
1301	13.00	11.036	10.278	9.206	7.834	6.286	4.725	3.238	1.774	0.144	-1.877
1311	13.10	-4.426	-7.434	-10.622	-13.576	-15.914	-17.443	-18.247	-18.658	-19.131	-20.074
1321	13.20	-21.714	-24.062	-26.860	-29.884	-32.853	-35.588	-37.990	-39.992	-41.528	-42.518
1331	13.30	-42.913	-42.752	-42.194	-41.492	-40.911	-40.617	-40.597	-40.651	-40.466	-39.743
1341	13.40	-38.329	-36.267	-33.769	-31.113	-28.518	-26.060	-23.664	-21.173	-18.452	-15.466
1351	13.50	-12.299	-9.089	-5.939	-2.837	0.360	3.864	7.869	12.345	17.197	22.103
1361	13.60	26.724	30.804	34.256	37.173	39.749	42.184	44.581	46.916	49.073	50.924
1371	13.70	52.407	53.568	54.537	55.463	56.435	57.442	58.378	59.093	59.461	59.626
1381	13.80	59.004	58.243	57.181	55.807	54.074	51.942	49.436	46.674	43.847	41.153
1391	13.90	38.709	36.486	34.303	31.889	28.993	25.496	21.472	17.168	12.913	8.979
1401	14.00	5.469	2.265	-0.929	-4.467	-8.610	-13.406	-18.661	-23.891	-28.647	-32.475
1411	14.10	-35.142	-36.676	-37.335	-37.511	-37.601	-37.900	-38.551	-39.547	-40.786	-42.132
1421	14.20	-43.461	-44.671	-45.674	-46.376	-46.680	-46.521	-45.901	-44.923	-43.782	-42.704
1431	14.30	-41.861	-41.293	-40.874	-40.359	-39.483	-38.078	-36.151	-33.880	-31.527	-29.311
1441	14.40	-27.297	-25.372	-23.321	-20.962	-18.280	-15.479	-12.909	-10.899	-9.566	-8.707
1451	14.50	-7.830	-6.340	-5.801	-0.152	4.222	8.607	12.229	14.557	15.505	15.453
1461	14.60	15.063	14.998	15.648	17.002	18.704	20.252	21.248	21.572	21.413	21.148
1471	14.70	21.153	21.636	22.574	23.763	24.953	25.975	26.795	27.472	28.066	28.537
1481	14.80	28.723	28.395	27.378	25.656	23.412	20.967	18.659	16.701	15.115	13.745
1491	14.90	12.364	10.792	8.983	7.033	5.100	3.309	1.679	0.112	-1.535	-3.358

Table 7—24—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.335	-7.326	-9.128	-10.592	-11.691	-12.543	-13.357	-14.326	-15.534	-16.926
1511	15.10	-18.323	-19.518	-20.358	-20.808	-20.941	-20.891	-20.783	-20.694	-20.616	-20.633
1521	15.20	-20.659	-20.760	-20.889	-21.064	-21.144	-20.933	-20.217	-18.854	-16.837	-14.326
1531	15.30	-11.603	-8.982	-6.702	-4.863	-3.415	-2.204	-1.053	0.169	1.513	2.961
1541	15.40	4.457	5.945	7.384	8.746	9.999	11.112	12.063	12.875	13.623	14.432
1551	15.50	15.427	16.678	18.151	19.709	21.146	22.272	22.980	23.280	23.277	23.113
1561	15.60	22.891	22.634	22.291	21.784	21.073	20.188	19.216	18.254	17.343	16.436
1571	15.70	15.413	14.145	12.563	10.715	8.754	6.884	5.274	4.002	3.036	2.279
1581	15.80	1.633	1.057	0.581	0.270	0.163	0.228	0.357	0.411	0.291	-0.011
1591	15.90	-0.401	-0.736	-0.900	-0.867	-0.717	-0.593	-0.617	-0.822	-1.119	-1.339
1601	16.00	-1.315	-0.965	-0.332	0.437	1.169	1.740	2.129	2.405	2.663	2.952
1611	16.10	3.225	3.358	3.205	2.685	1.829	0.775	-0.291	-1.217	-1.949	-2.539
1621	16.20	-3.103	-3.759	-4.568	-5.535	-6.637	-7.852	-9.339	-11.115	-13.299	-15.889
1631	16.30	-18.748	-21.637	-24.294	-26.539	-28.344	-29.825	-31.164	-32.405	-33.811	-34.954
1641	16.40	-35.693	-35.847	-35.393	-34.498	-33.442	-32.482	-31.719	-31.062	-30.183	-28.870
1651	16.50	-26.989	-24.674	-22.277	-20.214	-18.765	-17.925	-17.376	-16.608	-15.122	-12.636
1661	16.60	-9.185	-5.088	-0.802	3.267	6.889	10.038	12.815	15.333	17.637	19.692
1671	16.70	21.460	22.982	24.426	26.062	28.045	30.492	33.214	35.869	38.076	39.589
1681	16.80	40.409	40.766	41.000	41.375	41.968	42.556	42.928	42.868	42.391	41.741
1691	16.90	41.264	41.188	41.438	41.589	40.998	39.073	35.551	30.648	25.006	19.448
1701	17.00	14.656	10.911	8.030	5.504	2.782	-0.454	-4.149	-7.923	-11.290	-13.914
1711	17.10	-15.775	-17.173	-18.565	-20.327	-22.561	-25.045	-27.344	-29.020	-29.836	-29.853
1721	17.20	-29.400	-28.897	-28.666	-28.790	-29.104	-29.277	-28.972	-27.991	-26.342	-24.324
1731	17.30	-21.938	-19.779	-17.953	-16.539	-15.495	-14.690	-13.954	-13.114	-12.031	-10.533
1741	17.40	-8.936	-7.040	-5.108	-3.306	-1.718	-0.608	0.788	1.993	3.329	4.803
1751	17.50	6.283	7.538	8.332	8.522	8.131	7.531	6.574	5.477	4.731	4.081
1761	17.60	3.574	2.462	1.298	-0.026	-1.307	-2.326	-2.949	-3.196	-3.216	-3.239
1771	17.70	-3.450	-3.927	-4.614	-5.369	-6.044	-6.555	-6.914	-7.209	-7.543	-7.983
1781	17.80	-8.525	-9.107	-9.649	-10.090	-10.404	-10.585	-10.620	-10.469	-10.070	-9.373
1791	17.90	-8.381	-7.174	-5.891	-4.682	-3.638	-2.752	-1.924	-1.010	0.097	1.417
1801	18.00	2.862	4.290	5.572	6.669	7.646	8.635	9.757	11.052	12.449	13.808
1811	18.10	14.995	15.974	16.837	17.768	18.942	20.422	22.093	23.689	24.897	25.494
1821	18.20	25.450	24.950	24.306	23.822	23.658	23.763	23.921	23.858	23.390	22.498
1831	18.30	21.336	20.136	19.091	18.253	17.519	16.694	15.596	14.152	12.425	10.568
1841	18.40	8.736	6.995	5.296	3.519	1.555	-0.611	-2.867	-5.021	-6.894	-8.406
1851	18.50	-9.619	-10.693	-11.803	-13.020	-14.275	-15.388	-16.503	-16.693	-16.453	-16.259
1861	18.60	-16.186	-16.438	-17.052	-17.883	-18.676	-19.193	-19.328	-19.151	-18.855	-18.696
1871	18.70	-18.777	-19.088	-19.475	-19.743	-19.762	-19.558	-19.209	-18.960	-18.920	-19.073
1881	18.80	-19.254	-19.215	-18.737	-17.734	-16.289	-14.619	-12.978	-11.549	-10.379	-9.389
1891	18.90	-8.433	-7.388	-6.222	-5.001	-3.848	-2.871	-2.103	-1.488	-0.916	-0.283
1901	19.00	0.450	1.241	1.993	2.615	3.079	3.442	3.819	4.328	5.021	5.852
1911	19.10	6.690	7.377	7.805	7.964	7.954	7.930	8.036	8.328	8.753	9.169
1921	19.20	9.416	9.396	9.106	8.661	8.221	7.923	7.820	7.860	7.919	7.869
1931	19.30	7.665	7.285	6.910	6.672	6.677	6.938	7.369	7.832	8.198	8.415
1941	19.40	8.528	8.651	8.909	9.373	10.025	10.765	11.456	11.987	12.320	12.493
1951	19.50	12.594	12.709	12.877	13.072	13.212	13.205	12.975	12.498	11.789	10.896
1961	19.60	9.873	8.773	7.669	6.559	5.570	4.740	4.093	3.601	3.175	2.588
1971	19.70	2.018	1.097	-0.065	-1.379	-2.714	-3.948	-5.008	-5.890	-6.642	-7.326
1981	19.80	-7.988	-8.637	-9.252	-9.803	-10.284	-10.719	-11.164	-11.680	-12.315	-13.081
1991	19.90	-13.955	-14.877	-15.763	-16.519	-17.049	-17.282	-17.193	-16.825	-16.290	-15.748

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-15.354	-15.194	-15.244	-15.365	-15.355	-15.038	-14.368	-13.357	-12.247	-11.208
2011	20.10	-10.328	-9.526	-8.572	-7.193	-5.220	-2.706	0.051	2.606	4.534	5.626
2021	20.20	5.971	5.925	5.964	6.468	7.569	9.103	10.699	11.961	12.644	12.753
2031	20.30	12.519	12.268	12.262	12.576	13.085	13.538	13.693	13.431	12.891	11.982
2041	20.40	11.186	10.561	10.131	9.810	9.456	8.948	8.233	7.337	6.331	5.294
2051	20.50	4.277	3.293	2.332	1.370	0.391	-0.618	-1.664	-2.747	-3.849	-4.925
2061	20.60	-5.906	-6.717	-7.309	-7.695	-7.955	-8.212	-8.578	-9.096	-9.711	-10.283
2071	20.70	-10.652	-10.712	-10.471	-10.056	-9.659	-9.446	-9.471	-9.642	-9.744	-9.531
2081	20.80	-8.823	-7.582	-5.936	-4.120	-2.408	-1.004	0.007	0.673	1.136	1.575
2091	20.90	2.143	2.935	3.966	5.188	6.505	7.802	8.960	9.884	10.508	10.815
2101	21.00	10.835	10.665	10.357	10.096	9.987	10.126	10.561	11.278	12.187	13.132
2111	21.10	13.916	14.348	14.299	13.745	12.785	11.615	10.456	9.483	8.760	8.227
2121	21.20	7.738	7.138	6.335	5.347	4.281	3.277	2.424	1.710	1.019	0.185
2131	21.30	-0.922	-2.330	-3.944	-5.581	-7.048	-8.222	-9.092	-9.747	-10.320	-10.923
2141	21.40	-11.593	-12.294	-12.949	-13.490	-13.896	-14.196	-14.445	-14.686	-14.922	-15.119
2151	21.50	-15.233	-15.244	-15.178	-15.105	-15.099	-15.206	-15.412	-15.645	-15.796	-15.765
2161	21.60	-15.482	-14.943	-14.186	-13.285	-12.328	-11.405	-10.605	-10.002	-9.640	-9.515
2171	21.70	-9.538	-9.630	-9.554	-9.156	-8.305	-6.975	-5.227	-3.200	-1.065	1.003
2181	21.80	2.882	4.493	5.810	6.859	7.713	8.494	9.347	10.406	11.740	13.302
2191	21.90	14.922	16.357	17.282	17.590	17.275	16.534	15.691	15.062	14.836	14.999
2201	22.00	15.355	15.623	15.575	15.139	14.420	13.637	12.997	12.587	12.328	12.023
2211	22.10	11.471	10.577	9.418	8.200	7.150	6.397	5.892	5.442	4.814	3.878
2221	22.20	2.692	1.495	0.584	0.159	0.192	0.414	0.423	-0.125	-1.340	-3.027
2231	22.30	-4.751	-6.031	-6.550	-6.302	-5.578	-4.829	-4.437	-4.541	-4.982	-5.402
2241	22.40	-5.442	-4.936	-4.010	-3.014	-2.338	-2.201	-2.512	-2.893	-2.863	-1.978
2251	22.50	-0.224	2.123	4.518	6.381	7.343	7.376	6.779	6.015	5.500	5.436
2261	22.60	5.760	6.224	6.555	6.589	6.340	5.950	5.580	5.293	5.014	4.577
2271	22.70	3.829	2.743	1.459	0.238	-0.666	-1.123	-1.206	-1.157	-1.282	-1.813
2281	22.80	-2.208	-4.143	-5.589	-6.929	-8.058	-9.014	-9.922	-10.906	-11.995	-13.100
2291	22.90	-14.052	-14.701	-14.997	-15.026	-14.975	-15.035	-15.314	-15.781	-16.285	-16.639
2301	23.00	-16.699	-16.443	-15.961	-15.408	-14.917	-14.538	-14.226	-13.862	-13.342	-12.606
2311	23.10	-11.669	-10.594	-9.444	-8.243	-6.967	-5.572	-4.033	-2.382	-0.704	0.896
2321	23.20	2.361	3.626	4.812	5.990	7.226	8.521	9.788	10.909	11.787	12.403
2331	23.30	12.834	13.215	13.678	14.276	14.962	15.605	16.062	16.259	16.237	16.143
2341	23.40	16.159	16.409	16.887	17.442	17.842	17.871	17.660	16.632	15.672	14.831
2351	23.50	14.303	14.113	14.111	14.036	13.648	12.835	11.671	10.376	9.206	8.325
2361	23.60	7.718	7.194	6.469	5.306	3.631	1.581	-0.548	-2.420	-3.796	-4.620
2371	23.70	-5.028	-5.270	-5.595	-6.154	-6.959	-7.909	-8.866	-9.732	-10.481	-11.152
2381	23.80	-11.798	-12.445	-13.068	-13.612	-14.036	-14.342	-14.576	-14.790	-15.012	-15.203
2391	23.90	-15.284	-15.184	-14.903	-14.536	-14.235	-14.145	-14.294	-14.558	-14.684	-14.399
2401	24.00	-13.543	-12.166	-10.521	-8.983	-7.871	-7.313	-7.189	-7.189	-6.966	-6.298
2411	24.10	-5.190	-3.855	-2.601	-1.661	-1.085	-0.720	-0.302	0.391	1.417	2.636
2421	24.20	3.777	4.586	4.955	4.983	4.926	5.065	5.572	6.421	7.417	8.294
2431	24.30	8.860	9.082	9.102	9.153	9.432	10.004	10.767	11.505	11.996	12.114
2441	24.40	11.880	11.445	11.004	10.710	10.601	10.602	10.566	10.349	9.873	9.156
2451	24.50	8.296	7.428	6.672	6.088	5.669	5.344	5.014	4.584	4.006	3.293
2461	24.60	2.529	1.845	1.371	1.189	1.290	1.557	1.804	1.828	1.492	0.771
2471	24.70	-0.241	-1.370	-2.446	-3.363	-4.122	-4.606	-5.519	-6.316	-7.164	-7.948
2481	24.80	-8.532	-8.827	-8.840	-8.677	-8.488	-8.394	-8.433	-8.541	-8.596	-8.489
2491	24.90	-8.181	-7.725	-7.237	-6.832	-6.564	-6.395	-6.226	-5.968	-5.502	-4.913

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-4.265	-3.659	-3.151	-2.723	-2.304	-1.811	-1.212	-0.548	0.075	0.545
2511	25.10	0.798	0.859	0.836	0.865	1.049	1.412	1.885	2.349	2.696	2.873
2521	25.20	2.905	2.868	2.843	2.870	2.934	2.980	2.960	2.864	2.740	2.662
2531	25.30	2.689	2.823	2.991	3.073	2.952	2.572	1.970	1.263	0.600	0.105
2541	25.40	-0.178	-0.289	-0.327	-0.397	-0.555	-0.787	-1.017	-1.151	-1.124	-0.931
2551	25.50	-0.638	-0.335	-0.113	-0.017	-0.032	-0.092	-0.108	-0.006	0.250	0.652
2561	25.60	1.155	1.701	2.234	2.721	3.151	3.530	3.880	4.224	4.586	4.981
2571	25.70	5.414	5.879	6.354	6.810	7.219	7.556	7.811	7.986	8.087	8.120
2581	25.80	8.084	7.969	7.769	7.480	7.112	6.685	6.215	5.710	5.160	4.544
2591	25.90	3.843	3.054	2.201	1.328	0.475	-0.336	-1.126	-1.949	-2.867	-3.917
2601	26.00	-5.082	-6.285	-7.415	-8.376	-9.133	-9.731	-10.285	-10.918	-11.720	-12.678
2611	26.10	-13.689	-14.590	-15.233	-15.548	-15.569	-15.421	-15.253	-15.172	-15.196	-15.254
2621	26.20	-15.231	-15.031	-14.622	-14.051	-13.396	-12.714	-11.982	-11.099	-9.923	-8.344
2631	26.30	-6.354	-4.075	-1.720	0.478	2.358	3.880	5.129	6.258	7.405	8.434
2641	26.40	9.912	11.146	12.243	13.165	13.952	14.698	15.491	16.368	17.287	18.149
2651	26.50	18.845	19.305	19.527	19.562	19.472	19.293	19.015	18.593	17.987	17.200
2661	26.60	16.291	15.357	14.488	13.722	13.022	12.292	11.421	10.336	9.027	7.555
2671	26.70	6.016	4.497	3.045	1.660	0.313	-1.029	-2.378	-3.724	-5.046	-6.330
2681	26.80	-7.581	-8.814	-10.039	-11.244	-12.396	-13.453	-14.382	-15.176	-15.856	-16.448
2691	26.90	-16.969	-17.408	-17.739	-17.938	-18.012	-18.006	-17.960	-17.981	-18.001	-17.969
2701	27.00	-17.778	-17.326	-16.578	-15.581	-14.447	-13.294	-12.179	-11.066	-9.841	-8.375
2711	27.10	-6.609	-4.606	-2.552	-0.691	0.771	1.751	2.316	2.652	2.969	3.421
2721	27.20	4.043	4.764	5.464	6.044	6.477	6.808	7.118	7.467	7.860	8.257
2731	27.30	8.604	8.879	9.111	9.359	9.661	9.992	10.247	10.278	9.964	9.282
2741	27.40	8.330	7.304	6.407	5.769	5.380	5.110	4.768	4.209	3.597	2.428
2751	27.50	1.477	0.708	0.199	-0.092	-0.296	-0.553	-0.957	-1.496	-2.083	-2.610
2761	27.60	-3.016	-3.315	-3.586	-3.911	-4.316	-4.736	-5.026	-5.037	-4.678	-3.970
2771	27.70	-3.049	-2.111	-1.328	-0.786	-0.453	-0.210	0.094	0.568	1.241	2.066
2781	27.80	2.952	3.816	4.611	5.335	6.007	6.635	7.192	7.829	7.893	7.972
2791	27.90	7.909	7.796	7.743	7.826	8.060	8.384	8.688	8.862	8.837	8.612
2801	28.00	8.243	7.809	7.369	6.928	6.433	5.800	4.956	3.876	2.605	1.241
2811	28.10	-0.099	-1.321	-2.391	-3.341	-4.246	-5.194	-6.245	-7.407	-8.643	-9.881
2821	28.20	-11.048	-12.086	-12.965	-13.676	-14.225	-14.622	-14.888	-15.055	-15.176	-15.321
2831	28.30	-15.552	-15.906	-16.363	-16.845	-17.236	-17.417	-17.309	-16.908	-16.279	-15.525
2841	28.40	-14.742	-13.970	-13.176	-12.275	-11.170	-9.810	-8.218	-6.490	-4.756	-3.123
2851	28.50	-1.633	-0.246	1.132	2.594	4.178	5.847	7.499	9.015	10.319	11.412
2861	28.60	12.374	13.320	14.342	15.466	16.636	17.744	18.686	19.410	19.940	20.353
2871	28.70	20.734	21.119	21.469	21.681	21.641	21.278	20.610	19.736	18.796	17.904
2881	28.80	17.090	16.293	15.385	14.242	12.809	11.132	9.348	7.626	6.097	4.796
2891	28.90	3.653	2.525	1.260	-0.236	-1.964	-3.837	-5.720	-7.487	-9.061	-10.430
2901	29.00	-11.631	-12.713	-13.706	-14.606	-15.384	-16.007	-16.486	-16.789	-17.029	-17.239
2911	29.10	-17.449	-17.643	-17.780	-17.722	-17.463	-16.959	-16.242	-15.395	-14.515	-13.681
2921	29.20	-12.918	-12.185	-11.390	-10.426	-9.216	-7.750	-6.096	-4.384	-2.756	-1.322
2931	29.30	-0.111	0.934	1.930	3.005	4.244	5.643	7.115	8.512	9.685	10.534
2941	29.40	11.044	11.277	11.382	11.472	11.641	11.944	12.282	12.639	12.892	
2951	29.50	13.037	12.993	12.704	12.147	11.344	10.377	9.327	8.488	7.821	7.406
2961	29.60	7.175	6.981	6.652	6.051	5.136	3.967	2.682	1.438	0.348	-0.561
2971	29.70	-1.366	-2.112	-2.953	-3.906	-4.928	-5.913	-6.742	-7.330	-7.661	-7.799
2981	29.80	-7.852	-7.934	-8.113	-8.391	-8.705	-8.956	-9.050	-8.936	-8.627	-8.191
2991	29.90	-7.725	-7.316	-7.010	-6.790	-6.589	-6.315	-5.895	-5.309	-4.601	-3.874

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TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.267	-2.815	-2.600	-2.553	-2.555	-2.465	-2.171	-1.634	-0.899	-0.074
3011	30.10	0.705	1.330	1.751	1.985	2.099	2.169	2.250	2.352	2.444	2.476
3021	30.20	2.107	2.225	1.955	1.667	1.357	1.125	0.965	0.869	0.807	0.750
3031	30.30	0.678	0.580	0.454	0.303	0.128	-0.073	-0.298	-0.540	-0.784	-1.008
3041	30.40	-1.190	-1.309	-1.356	-1.331	-1.244	-1.110	-0.967	-0.766	-0.575	-0.373
3051	30.50	-0.154	0.096	0.391	0.743	1.156	1.622	2.118	2.609	3.055	3.618
3061	30.60	3.677	3.830	3.897	3.914	3.921	3.950	4.014	4.108	4.210	4.290
3071	30.70	4.325	4.304	4.231	4.124	4.003	3.888	3.784	3.689	3.589	3.467
3081	30.80	3.306	3.093	2.820	2.486	2.095	1.658	1.191	0.714	0.250	-0.179
3091	30.90	-0.556	-0.868	-1.108	-1.277	-1.381	-1.436	-1.467	-1.507	-1.589	-1.749
3101	31.00	-1.967	-2.248	-2.539	-2.778	-2.915	-2.924	-2.817	-2.647	-2.481	-2.380
3111	31.10	-2.370	-2.429	-2.494	-2.485	-2.332	-2.004	-1.520	-0.943	-0.358	0.154
3121	31.20	0.539	0.782	0.903	0.948	0.973	1.019	1.106	1.223	1.332	1.378
3131	31.30	1.312	1.109	0.781	0.384	-0.003	-0.305	-0.484	-0.554	-0.568	-0.681
3141	31.40	-0.915	-1.315	-1.837	-2.381	-2.832	-3.116	-3.233	-3.257	-3.306	-3.489
3151	31.50	-3.851	-4.357	-4.708	-5.387	-5.713	-5.873	-5.922	-5.969	-6.031	-6.194
3161	31.60	-6.404	-6.588	-6.672	-6.615	-6.425	-6.143	-5.822	-5.497	-5.177	-4.850
3171	31.70	-4.506	-4.153	-3.816	-3.525	-3.292	-3.100	-2.899	-2.638	-2.279	-1.827
3181	31.80	-1.319	-0.804	-0.313	0.163	0.668	1.261	1.978	2.802	3.670	4.487
3191	31.90	5.172	5.691	6.070	6.376	6.684	7.035	7.422	7.796	8.099	8.304
3201	32.00	8.434	8.557	8.758	9.096	9.566	10.097	10.573	10.877	10.940	10.772
3211	32.10	10.457	10.125	9.900	9.850	9.961	10.135	10.231	10.115	9.718	9.061
3221	32.20	8.260	7.476	6.859	6.482	6.308	6.159	5.960	5.421	4.505	3.268
3231	32.30	1.885	0.594	-0.387	-0.932	-1.047	-0.855	-0.566	-0.307	-0.265	-0.457
3241	32.40	-0.845	-1.347	-1.880	-2.386	-2.845	-3.261	-3.649	-4.023	-4.391	-4.759
3251	32.50	-5.133	-5.518	-5.918	-6.326	-6.729	-7.113	-7.470	-7.801	-8.114	-8.412
3261	32.60	-8.682	-8.898	-9.028	-9.054	-8.992	-8.896	-8.829	-8.855	-8.986	-9.188
3271	32.70	-9.386	-9.508	-9.517	-9.435	-9.331	-9.278	-9.306	-9.369	-9.355	-9.127
3281	32.80	-8.591	-7.745	-6.700	-5.635	-4.735	-4.131	-3.828	-3.741	-3.722	-3.635
3291	32.90	-3.401	-3.021	-2.556	-2.082	-1.654	-1.282	-0.945	-0.610	-0.254	0.124
3301	33.00	0.515	0.920	1.359	1.866	2.467	3.157	3.887	4.576	5.142	5.540
3311	33.10	5.786	5.950	6.127	6.391	6.759	7.190	7.603	7.920	8.106	8.188
3321	33.20	8.239	8.348	8.576	8.933	9.374	9.825	10.212	10.487	10.635	10.669
3331	33.30	10.610	10.477	10.279	10.026	9.733	9.424	9.121	8.831	8.537	8.192
3341	33.40	7.760	7.161	6.390	5.532	4.664	3.808	3.079	2.463	1.914	1.358
3351	33.50	0.722	-0.062	-0.940	-1.943	-3.009	-4.094	-5.166	-6.193	-7.140	-7.958
3361	33.60	-8.591	-9.001	-9.184	-9.197	-9.141	-9.141	-9.298	-9.667	-10.144	-10.674
3371	33.70	-11.099	-11.307	-11.253	-10.975	-10.569	-10.146	-9.776	-9.479	-9.205	-8.879
3381	33.80	-8.441	-7.878	-7.241	-6.617	-6.093	-5.708	-5.431	-5.162	-4.761	-4.102
3391	33.90	-3.117	-1.817	-0.290	1.326	2.894	4.311	5.533	6.574	7.477	8.291
3401	34.00	9.041	9.719	10.292	10.720	10.982	11.084	11.060	10.950	10.790	10.589
3411	34.10	10.337	10.014	9.613	9.147	8.655	8.180	7.747	7.345	6.923	6.412
3421	34.20	5.756	4.939	4.002	3.026	2.101	1.291	0.609	0.018	-0.545	-1.135
3431	34.30	-1.775	-2.448	-3.122	-3.770	-4.393	-5.023	-5.700	-6.442	-7.228	-7.996
3441	34.40	-8.669	-9.185	-9.527	-9.721	-9.825	-9.890	-9.943	-9.981	-9.991	-9.972
3451	34.50	-9.943	-9.934	-9.953	-9.957	-9.868	-9.502	-8.838	-7.872	-6.739	-5.660
3461	34.60	-4.858	-4.455	-4.408	-4.514	-4.482	-4.060	-3.131	-1.763	-0.163	1.417
3471	34.70	2.798	3.937	4.915	5.869	6.886	7.944	8.912	9.614	9.934	9.875
3481	34.80	9.575	9.233	9.035	9.046	9.209	9.376	9.403	9.219	8.863	8.447
3491	34.90	8.084	7.816	7.589	7.283	6.790	6.078	5.225	4.379	3.687	3.210

Table 7—24—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.887	2.561	2.055	1.262	0.201	-0.985	-2.098	-2.970	-3.536	-3.852
3511	35.10	-4.060	-4.313	-4.707	-5.246	-5.856	-6.432	-6.895	-7.223	-7.455	-7.661
3521	35.20	-7.900	-8.197	-8.534	-8.870	-9.153	-9.348	-9.430	-9.387	-9.211	-8.899
3531	35.30	-8.466	-7.948	-7.407	-6.915	-6.526	-6.256	-6.062	-5.869	-5.584	-5.140
3541	35.40	-4.519	-3.755	-2.916	-2.023	-1.265	-0.488	0.297	1.132	2.037	2.987
3551	35.50	3.914	4.731	5.367	5.798	6.058	6.230	6.413	6.683	7.068	7.538
3561	35.60	8.023	8.445	8.760	8.974	9.149	9.335	9.617	9.995	10.420	10.805
3571	35.70	11.061	11.135	11.030	10.801	10.517	10.232	9.956	9.655	9.295	8.861
3581	35.80	8.386	7.938	7.584	7.336	7.129	6.829	6.283	5.594	4.774	2.754
3591	35.90	1.337	0.119	-0.795	-1.633	-1.926	-2.446	-3.112	-3.936	-4.814	-5.589
3601	36.00	-6.125	-6.376	-6.606	-6.568	-6.338	-6.446	-6.652	-6.872	-7.011	-7.023
3611	36.10	-6.931	-6.813	-6.744	-6.753	-6.801	-6.806	-6.693	-6.437	-6.084	-5.720
3621	36.20	-5.420	-5.198	-5.000	-4.730	-4.311	-3.743	-3.110	-2.546	-2.164	-1.985
3631	36.30	-1.916	-1.778	-1.392	-0.657	0.393	1.606	2.778	3.739	4.415	4.816
3641	36.40	5.138	5.399	5.683	5.974	6.221	6.381	6.467	6.541	6.681	6.924
3651	36.50	7.235	7.510	7.632	7.526	7.201	6.755	6.313	5.960	5.699	5.449
3661	36.60	5.106	4.609	3.999	3.409	2.999	2.864	2.959	3.097	3.015	2.492
3671	36.70	1.456	0.032	-1.508	-2.850	-3.773	-4.234	-4.536	-4.606	-4.570	-4.971
3681	36.80	-5.568	-6.218	-6.758	-7.099	-7.256	-7.333	-7.449	-7.670	-7.975	-8.274
3691	36.90	-8.465	-8.496	-8.400	-8.274	-8.227	-8.321	-8.536	-8.788	-8.973	-9.032
3701	37.00	-8.972	-8.862	-8.785	-8.783	-8.829	-8.843	-8.732	-8.454	-8.039	-7.584
3711	37.10	-7.201	-6.956	-6.825	-6.719	-6.507	-6.092	-5.458	-4.677	-3.872	-3.157
3721	37.20	-2.590	-2.150	-1.762	-1.350	-0.878	-0.370	0.104	0.478	0.731	0.905
3731	37.30	1.094	1.401	1.887	2.544	3.296	4.032	4.649	5.087	5.344	5.463
3741	37.40	5.505	5.523	5.551	5.600	5.671	5.765	5.887	6.065	6.242	6.477
3751	37.50	6.740	7.014	7.272	7.472	7.558	7.469	7.158	6.621	5.923	5.196
3761	37.60	4.613	4.333	4.430	4.852	5.419	5.879	5.992	5.631	4.829	3.776
3771	37.70	2.746	1.989	1.637	1.654	1.857	2.004	1.888	1.421	0.664	-0.213
3781	37.80	-1.006	-1.551	-1.796	-1.787	-1.638	-1.473	-1.375	-1.363	-1.405	-1.449
3791	37.90	-1.460	-1.428	-1.376	-1.331	-1.309	-1.303	-1.286	-1.234	-1.138	-1.013
3801	38.00	-0.889	-0.798	-0.755	-0.750	-0.753	-0.732	-0.670	-0.572	-0.463	-0.375
3811	38.10	-0.328	-0.319	-0.323	-0.309	-0.250	-0.146	-0.021	0.088	0.142	0.123
3821	38.20	0.036	-0.092	-0.225	-0.338	-0.420	-0.481	-0.537	-0.603	-0.680	-0.762
3831	38.30	-0.836	-0.888	-0.927	-0.962	-1.003	-1.052	-1.099	-1.127	-1.122	-1.089
3841	38.40	-1.056	-1.054	-1.124	-1.272	-1.470	-1.657	-1.765	-1.742	-1.580	-1.313
3851	38.50	-1.007	-0.720	-0.483	-0.279	-0.064	0.214	0.576	0.997	1.418	1.773
3861	38.60	2.031	2.220	2.418	2.724	3.207	3.861	4.602	5.287	5.775	5.983
3871	38.70	5.920	5.686	5.425	5.267	5.277	5.433	5.646	5.806	5.835	5.715
3881	38.80	5.489	5.229	4.998	4.814	4.650	4.450	4.184	3.774	3.303	2.807
3891	38.90	2.362	1.945	1.618	1.334	1.059	0.767	0.453	0.131	-0.185	-0.487
3901	39.00	-0.783	-1.088	-1.412	-1.755	-2.103	-2.442	-2.772	-3.115	-3.505	-3.972
3911	39.10	-4.519	-5.103	-5.646	-6.059	-6.282	-6.305	-6.184	-6.016	-5.900	-5.894
3921	39.20	-5.992	-6.128	-6.209	-6.159	-5.951	-5.623	-5.257	-4.940	-4.729	-4.626
3931	39.30	-4.586	-4.543	-4.444	-4.272	-4.049	-3.818	-3.616	-3.449	-3.288	-3.080
3941	39.40	-2.782	-2.375	-1.886	-1.366	-0.881	-0.450	-0.172	0.069	0.291	0.546
3951	39.50	0.866	1.260	1.713	2.204	2.710	3.216	3.712	4.185	4.612	4.962
3961	39.60	5.202	5.309	5.277	5.126	4.882	4.592	4.285	3.980	3.678	3.374
3971	39.70	3.060	2.733	2.398	2.064	1.738	1.422	1.110	0.794	0.468	0.131
3981	39.80	-0.211	-0.545	-0.862	-1.156	-1.430	-1.691	-1.947	-2.198	-2.438	-2.653
3991	39.90	-2.831	-2.964	-3.057	-3.127	-3.198	-3.290	-3.416	-3.570	-3.734	-3.883

Table 7—24—9

TABLE OF COPRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	-3.992	-4.049	-4.052	-4.013	-3.948	-3.871	-3.788	-3.697	-3.591	-3.462
4011	40.10	-3.306	-3.121	-2.915	-2.692	-2.462	-2.232	-2.012	-1.808	-1.624	-1.457
4021	40.20	-1.295	-1.119	-0.911	-0.659	-0.367	-0.055	0.250	0.524	0.762	0.983
4031	40.30	1.221	1.511	1.869	2.275	2.679	3.018	3.243	3.341	3.349	3.335
4041	40.40	3.367	3.481	3.658	3.827	3.892	3.777	3.464	3.003	2.504	2.091
4051	40.50	1.860	1.861	1.992	2.220	2.421	2.519	2.489	2.357	2.177	2.002
4061	40.60	1.861	1.753	1.656	1.546	1.413	1.270	1.141	1.051	1.010	1.008
4071	40.70	1.023	1.029	1.008	0.959	0.895	0.832	0.782	0.749	0.725	0.700
4081	40.80	0.663	0.612	0.569	0.480	0.409	0.337	0.263	0.186	0.109	0.034
4091	40.90	-0.035	-0.096	-0.152	-0.209	-0.274	-0.350	-0.432	-0.513	-0.582	-0.631
4101	41.00	-0.660	-0.673	-0.678	-0.684	-0.698	-0.719	-0.746	-0.778	-0.811	-0.843
4111	41.10	-0.874	-0.902	-0.926	-0.944	-0.957	-0.969	-0.986	-1.011	-1.044	-1.078
4121	41.20	-1.104	-1.110	-1.090	-1.046	-0.986	-0.924	-0.873	-0.841	-0.826	-0.820
4131	41.30	-0.809	-0.781	-0.728	-0.649	-0.545	-0.425	-0.295	-0.165	-0.044	0.059
4141	41.40	0.139	0.192	0.220	0.235	0.239	0.250	0.270	0.298	0.331	0.362
4151	41.50	0.392	0.422	0.459	0.510	0.571	0.633	0.676	0.682	0.639	0.549
4161	41.60	0.431	0.339	0.211	0.147	0.111	0.080	0.023	-0.088	-0.262	-0.492
4171	41.70	-0.749	-0.997	-1.202	-1.343	-1.414	-1.427	-1.403	-1.365	-1.335	-1.327
4181	41.80	-1.349	-1.403	-1.483	-1.579	-1.678	-1.766	-1.831	-1.863	-1.862	-1.830
4191	41.90	-1.777	-1.709	-1.636	-1.564	-1.497	-1.442	-1.401	-1.378	-1.370	-1.367
4201	42.00	-1.352	-1.307	-1.220	-1.090	-0.927	-0.753	-0.589	-0.447	-0.324	-0.201
4211	42.10	-0.049	0.156	0.423	0.742	1.090	1.439	1.768	2.072	2.363	2.659
4221	42.20	2.973	3.309	3.654	3.992	4.307	4.599	4.884	5.185	5.522	5.896
4231	42.30	6.291	6.669	6.989	7.221	7.359	7.420	7.436	7.441	7.455	7.476
4241	42.40	7.679	7.829	7.896	7.861	6.727	6.313	5.849	5.363	4.876	4.398
4251	42.50	3.931	3.570	3.011	2.550	2.090	1.634	1.189	0.764	0.361	-0.019
4261	42.60	-0.382	-0.740	-1.104	-1.482	-1.870	-2.257	-2.621	-2.938	-3.197	-3.399
4271	42.70	-3.566	-3.721	-3.903	-4.130	-4.407	-4.718	-5.036	-5.333	-5.590	-5.799
4281	42.80	-5.968	-6.110	-6.238	-6.356	-6.463	-6.554	-6.623	-6.667	-6.690	-6.700
4291	42.90	-6.703	-6.702	-6.697	-6.680	-6.644	-6.578	-6.478	-6.341	-6.172	-5.979
4301	43.00	-5.777	-5.580	-5.403	-5.254	-5.134	-5.039	-4.959	-4.887	-4.815	-4.741
4311	43.10	-4.659	-4.566	-4.444	-4.287	-4.090	-3.864	-3.636	-3.447	-3.330	-3.299
4321	43.20	-3.326	-3.347	-3.274	-3.026	-2.560	-1.892	-1.094	-0.278	0.445	1.002
4331	43.30	1.378	1.620	1.810	2.035	2.368	2.754	3.214	3.663	4.037	4.298
4341	43.40	4.446	4.509	4.532	4.555	4.599	4.662	4.724	4.760	4.755	4.707
4351	43.50	4.636	4.571	4.564	4.572	4.651	4.750	4.828	4.841	4.763	4.600
4361	43.60	4.385	4.170	4.005	3.913	3.853	3.869	3.814	3.665	3.404	3.049
4371	43.70	2.647	2.256	1.919	1.653	1.467	1.278	1.118	0.957	0.793	0.631
4381	43.80	0.472	0.304	0.111	-0.124	-0.400	-0.700	-0.995	-1.259	-1.480	-1.667
4391	43.90	-1.844	-2.033	-2.243	-2.461	-2.663	-2.826	-2.943	-3.026	-3.099	-3.180
4401	44.00	-3.272	-3.351	-3.389	-3.363	-3.276	-3.159	-3.056	-3.000	-2.994	-3.008
4411	44.10	-2.997	-2.921	-2.772	-2.577	-2.378	-2.204	-2.047	-1.862	-1.591	-1.204
4421	44.20	-0.728	-0.252	0.111	0.279	0.261	0.169	0.190	0.517	1.258	2.383
4431	44.30	3.724	5.032	6.070	6.701	6.927	6.877	6.733	6.651	6.702	6.856
4441	44.40	7.024	7.112	7.083	6.965	6.839	6.789	6.854	7.008	7.173	7.256
4451	44.50	7.189	6.953	6.579	6.123	5.640	5.162	4.699	4.255	3.836	3.460
4461	44.60	3.148	2.899	2.686	2.447	2.112	1.630	0.993	0.243	-0.540	-1.272
4471	44.70	-1.952	-2.388	-2.788	-3.146	-3.513	-3.915	-4.351	-4.796	-5.224	-5.618
4481	44.80	-5.976	-6.311	-6.634	-6.953	-7.266	-7.567	-7.845	-8.092	-8.299	-8.452
4491	44.90	-8.533	-8.530	-8.442	-8.291	-8.119	-7.979	-7.905	-7.896	-7.891	-7.801

Table 7—24—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4501	45.00	-7.521	-6.974	-6.149	-5.109	-3.974	-2.884	-1.969	-1.219	-0.669	-0.224
4511	45.10	0.209	0.696	1.250	1.833	2.370	2.790	3.052	3.165	3.189	3.211
4521	45.20	3.322	3.590	4.041	4.655	5.376	6.121	6.801	7.358	7.677	7.798
4531	45.30	7.714	7.468	7.120	6.735	6.364	6.037	5.756	5.503	5.246	4.956
4541	45.40	4.611	4.205	3.748	3.259	2.764	2.286	1.863	1.442	1.079	0.742
4551	45.50	0.416	0.084	-0.265	-0.630	-1.003	-1.367	-1.708	-2.018	-2.300	-2.570
4561	45.60	-2.846	-3.141	-3.435	-3.778	-4.087	-4.363	-4.597	-4.797	-4.982	-5.174
4571	45.70	-5.389	-5.624	-5.857	-6.059	-6.202	-6.274	-6.281	-6.246	-6.198	-6.161
4581	45.80	-6.143	-6.135	-6.120	-6.082	-6.014	-5.920	-5.815	-5.713	-5.625	-5.548
4591	45.90	-5.474	-5.387	-5.276	-5.135	-4.967	-4.777	-4.573	-4.361	-4.145	-3.927
4601	46.00	-3.713	-3.504	-3.306	-3.117	-2.927	-2.720	-2.474	-2.167	-1.784	-1.324
4611	46.10	-0.801	-0.244	0.311	0.830	1.291	1.691	2.049	2.401	2.782	3.220
4621	46.20	3.714	4.235	4.733	5.148	5.436	5.585	5.624	5.608	5.604	5.661
4631	46.30	5.795	5.981	6.171	6.309	6.364	6.333	6.247	6.149	6.075	6.039
4641	46.40	6.029	6.020	5.987	5.924	5.847	5.786	5.771	5.811	5.893	5.983
4651	46.50	6.042	6.040	5.970	5.845	5.690	5.532	5.389	5.264	5.153	5.048
4661	46.60	4.940	4.826	4.700	4.555	4.387	4.195	3.985	3.727	3.593	3.451
4671	46.70	3.351	3.272	3.173	3.011	2.753	2.393	1.954	1.475	1.002	0.563
4681	46.80	0.168	-0.192	-0.539	-0.888	-1.246	-1.610	-1.973	-2.333	-2.694	-3.065
4691	46.90	-3.452	-3.852	-4.251	-4.628	-4.963	-5.247	-5.482	-5.679	-5.867	-5.993
4701	47.00	-6.113	-6.203	-6.263	-6.300	-6.328	-6.362	-6.409	-6.464	-6.513	-6.564
4711	47.10	-6.556	-6.562	-6.585	-6.639	-6.715	-6.776	-6.759	-6.599	-6.256	-5.731
4721	47.20	-5.076	-4.367	-3.697	-3.127	-2.681	-2.333	-2.029	-1.708	-1.321	-0.844
4731	47.30	-0.282	0.342	0.985	1.645	2.265	2.816	3.350	3.810	4.227	4.623
4741	47.40	5.014	5.406	5.786	6.123	6.379	6.523	6.550	6.488	6.382	6.284
4751	47.50	6.227	6.210	6.202	6.156	6.035	5.831	5.570	5.295	5.050	4.849
4761	47.60	4.669	4.458	4.159	3.732	3.174	2.517	1.813	1.107	0.422	-0.247
4771	47.70	-0.916	-1.593	-2.262	-2.878	-3.384	-3.737	-3.926	-3.985	-3.982	-3.991
4781	47.80	-4.066	-4.214	-4.615	-4.617	-4.774	-4.868	-4.909	-4.932	-4.973	-5.052
4791	47.90	-5.164	-5.286	-5.390	-5.463	-5.511	-5.553	-5.608	-5.677	-5.741	-5.771
4801	48.00	-5.742	-5.657	-5.544	-5.453	-5.422	-5.457	-5.516	-5.520	-5.384	-5.057
4811	48.10	-4.544	-3.914	-3.272	-2.717	-2.299	-2.001	-1.747	-1.439	-1.006	-0.433
4821	48.20	0.224	0.870	1.406	1.774	1.976	2.067	2.127	2.226	2.396	2.628
4831	48.30	2.888	3.137	3.358	3.560	3.770	4.013	4.302	4.625	4.958	5.275
4841	48.40	5.560	5.808	6.023	6.203	6.336	6.406	6.389	6.292	6.136	5.961
4851	48.50	5.810	5.710	5.459	5.621	5.544	5.378	5.088	4.712	4.266	3.813
4861	48.60	3.418	3.113	2.905	2.769	2.657	2.519	2.310	2.008	1.615	1.161
4871	48.70	0.688	0.242	-0.143	-0.460	-0.727	-0.982	-1.268	-1.612	-2.018	-2.462
4881	48.80	-2.901	-3.296	-3.619	-3.868	-4.060	-4.220	-4.366	-4.504	-4.629	-4.729
4891	48.90	-4.802	-4.851	-4.887	-4.916	-4.935	-4.933	-4.901	-4.838	-4.765	-4.712
4901	49.00	-4.704	-4.740	-4.785	-4.773	-4.636	-4.335	-3.885	-3.359	-2.857	-2.471
4911	49.10	-2.240	-2.136	-2.066	-1.932	-1.659	-1.236	-0.710	-0.176	0.290	0.651
4921	49.20	0.932	1.195	1.502	1.881	2.305	2.708	3.018	3.193	3.248	3.243
4931	49.30	3.256	3.342	3.507	3.706	3.863	3.916	3.837	3.659	3.447	3.275
4941	49.40	3.189	3.192	3.250	3.309	3.329	3.300	3.245	3.202	3.202	3.268
4951	49.50	3.309	3.332	3.264	3.074	2.767	2.386	1.983	1.623	1.339	1.131
4961	49.60	0.974	0.822	0.635	0.392	0.102	-0.208	-0.492	-0.726	-0.902	-1.044
4971	49.70	-1.195	-1.401	-1.686	-2.038	-2.407	-2.719	-2.892	-2.893	-2.690	-2.324
4981	49.80	-1.853	-1.345	-0.857	-0.429	-0.081	0.179	0.344	0.406	0.361	0.221
4991	49.90	0.012	-0.224	-0.439	-0.601	-0.696	-0.740	-0.763	-0.795	-0.855	-0.941

Table 7—24—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.060	-1.134	-1.217	-1.295	-1.380	-1.478	-1.581	-1.659	-1.676	-1.604
5011	50.10	-1.437	-1.198	-0.933	-0.691	-0.507	-0.386	-0.310	-0.244	-0.155	-0.029
5021	50.20	0.126	0.292	0.444	0.570	0.670	0.756	0.845	0.950	1.074	1.212
5031	50.30	1.355	1.493	1.620	1.734	1.835	1.927	2.019	2.125	2.259	2.435
5041	50.40	2.662	2.936	3.240	3.550	3.837	4.077	4.250	4.343	4.351	4.274
5051	50.50	4.126	3.930	3.721	3.538	3.408	3.335	3.289	3.217	3.057	2.771
5061	50.60	2.359	1.868	1.371	0.938	0.605	0.356	0.136	-0.126	-0.477	-0.919
5071	50.70	-1.409	-1.880	-2.277	-2.581	-2.818	-3.041	-3.298	-3.611	-3.966	-4.328
5081	50.80	-4.670	-4.985	-5.299	-5.616	-6.043	-6.476	-6.887	-7.225	-7.457	-7.601
5091	50.90	-7.721	-7.895	-8.168	-8.522	-8.875	-9.116	-9.159	-8.993	-8.692	-8.381
5101	51.00	-8.176	-8.114	-8.129	-8.068	-7.761	-7.102	-6.107	-4.915	-3.745	-2.800
5111	51.10	-2.194	-1.907	-1.802	-1.689	-1.407	-0.887	-0.162	0.657	1.450	2.143
5121	51.20	2.742	3.315	3.951	4.703	5.552	6.402	7.118	7.579	7.738	7.639
5131	51.30	7.411	7.213	7.180	7.364	7.718	8.119	8.416	8.494	8.318	7.944
5141	51.40	7.485	7.064	6.753	6.555	6.404	6.214	5.924	5.535	5.110	4.745
5151	51.50	4.512	4.424	4.420	4.396	4.248	3.934	3.478	2.964	2.483	2.088
5161	51.60	1.760	1.617	0.951	0.280	-0.615	-1.682	-2.816	-3.897	-4.819	-5.511
5171	51.70	-5.932	-6.069	-5.935	-5.583	-5.109	-4.652	-4.356	-4.317	-4.531	-4.870
5181	51.80	-5.119	-5.050	-4.528	-3.583	-2.416	-1.335	-0.628	-0.447	-0.761	-1.276
5191	51.90	-1.738	-1.861	-1.529	-0.810	0.098	0.966	1.641	2.089	2.385	2.641
5201	52.00	2.929	3.241	3.497	3.599	3.499	3.234	2.911	2.658	2.554	2.591
5211	52.10	2.686	2.718	2.602	2.321	1.936	1.547	1.240	1.043	0.920	0.794
5221	52.20	0.594	0.288	-0.104	-0.525	-0.922	-1.268	-1.578	-1.892	-2.247	-2.655
5231	52.30	-3.089	-3.498	-3.831	-4.056	-4.176	-4.221	-4.238	-4.266	-4.331	-4.432
5241	52.40	-4.549	-4.651	-4.704	-4.685	-4.593	-4.450	-4.303	-4.205	-4.191	-4.252
5251	52.50	-4.327	-4.311	-4.095	-3.611	-2.878	-2.006	-1.162	-0.515	-0.160	-0.078
5261	52.60	-0.143	-0.177	-0.027	0.367	0.947	1.570	2.071	2.346	2.394	2.312
5271	52.70	2.243	2.305	2.541	2.903	3.284	3.575	3.717	3.722	3.654	3.586
5281	52.80	3.565	3.583	3.599	3.566	3.468	3.330	3.206	3.143	3.151	3.189
5291	52.90	3.184	3.068	2.812	2.446	2.046	1.692	1.434	1.261	1.109	0.892
5301	53.00	0.546	0.061	-0.510	-1.071	-1.522	-1.800	-1.896	-1.858	-1.760	-1.674
5311	53.10	-1.644	-1.676	-1.746	-1.815	-1.851	-1.837	-1.775	-1.678	-1.565	-1.452
5321	53.20	-1.343	-1.233	-1.106	-0.937	-0.704	-0.393	-0.009	0.418	0.845	1.214
5331	53.30	1.498	1.694	1.837	1.984	2.188	2.467	2.792	3.096	3.303	3.375
5341	53.40	3.337	3.286	3.349	3.630	4.153	4.833	5.501	5.960	6.073	5.819
5351	53.50	5.305	4.727	4.279	4.069	4.071	4.140	4.084	3.756	3.125	2.311
5361	53.60	1.558	0.950	0.722	0.809	1.061	1.279	1.304	1.084	0.685	0.245
5371	53.70	-0.107	-0.513	-0.417	-0.528	-0.759	-1.164	-1.705	-2.281	-2.779	-3.145
5381	53.80	-3.405	-3.651	-3.985	-4.453	-5.009	-5.533	-5.892	-6.009	-5.913	-5.734
5391	53.90	-5.642	-5.763	-6.121	-6.616	-7.073	-7.324	-7.290	-7.012	-6.635	-6.330
5401	54.00	-6.214	-6.292	-6.461	-6.558	-6.441	-6.050	-5.429	-4.696	-3.979	-3.358
5411	54.10	-2.835	-2.350	-1.827	-1.225	-0.567	0.065	0.575	0.899	1.039	1.067
5421	54.20	1.093	1.219	1.507	1.960	2.535	3.168	3.803	4.402	4.946	5.415
5431	54.30	5.790	6.062	6.152	6.123	5.982	5.779	5.558	5.346	5.136	4.897
5441	54.40	4.597	4.224	3.800	3.373	2.995	2.694	2.459	2.244	1.994	1.672
5451	54.50	1.281	0.861	0.470	0.146	-0.106	-0.326	-0.574	-0.895	-1.297	-1.738
5461	54.60	-2.150	-2.463	-2.652	-2.730	-2.756	-2.793	-2.887	-3.063	-3.236	-3.435
5471	54.70	-3.626	-3.829	-4.082	-4.418	-4.832	-5.268	-5.632	-5.829	-5.803	-5.561
5481	54.80	-5.178	-4.759	-4.397	-4.134	-3.953	-3.793	-3.592	-3.320	-2.995	-2.675
5491	54.90	-2.419	-2.254	-2.158	-2.065	-1.901	-1.621	-1.252	-0.794	-0.388	-0.081

Table 7—24—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.109	0.210	0.288	0.403	0.587	0.830	1.089	1.322	1.511	1.673
5511	55.10	1.849	2.081	2.385	2.737	3.086	3.376	3.573	3.683	3.746	3.811
5521	55.20	3.910	4.041	4.166	4.233	4.201	4.059	3.830	3.555	3.272	2.995
5531	55.30	2.716	2.419	2.103	1.800	1.576	1.505	1.638	1.971	2.436	2.916
5541	55.40	3.285	3.453	3.394	3.157	2.838	2.561	2.338	2.249	2.244	2.263
5551	55.50	2.251	2.180	2.059	1.918	1.797	1.716	1.669	1.639	1.597	1.526
5561	55.60	1.429	1.321	1.225	1.156	1.113	1.081	1.043	0.983	0.902	0.808
5571	55.70	0.720	0.650	0.602	0.569	0.540	0.504	0.458	0.409	0.370	0.351
5581	55.80	0.352	0.363	0.366	0.340	0.278	0.182	0.072	-0.027	-0.096	-0.127
5591	55.90	-0.133	-0.143	-0.189	-0.296	-0.471	-0.696	-0.942	-1.175	-1.374	-1.538
5601	56.00	-1.686	-1.842	-2.024	-2.226	-2.420	-2.564	-2.625	-2.592	-2.490	-2.369
5611	56.10	-2.285	-2.276	-2.346	-2.462	-2.576	-2.643	-2.645	-2.601	-2.569	-2.529
5621	56.20	-2.552	-2.598	-2.620	-2.566	-2.410	-2.166	-1.880	-1.614	-1.413	-1.284
5631	56.30	-1.197	-1.097	-0.938	-0.697	-0.389	-0.046	0.296	0.625	0.951	1.294
5641	56.40	1.663	2.031	2.342	2.525	2.530	2.355	2.055	1.728	1.469	1.340
5651	56.50	1.342	1.423	1.508	1.563	1.518	1.474	1.475	1.569	1.752	1.962
5661	56.60	2.097	2.059	1.801	1.369	0.798	0.275	-0.107	-0.288	-0.284	-0.168
5671	56.70	-0.039	0.019	-0.031	-0.177	-0.359	-0.544	-0.659	-0.698	-0.682	-0.650
5681	56.80	-0.645	-0.699	-0.823	-1.007	-1.231	-1.475	-1.721	-1.966	-2.211	-2.465
5691	56.90	-2.726	-2.988	-3.230	-3.426	-3.553	-3.600	-3.574	-3.502	-3.423	-3.372
5701	57.00	-3.371	-3.418	-3.490	-3.551	-3.566	-3.519	-3.412	-3.268	-3.118	-2.988
5711	57.10	-2.893	-2.829	-2.785	-2.743	-2.694	-2.630	-2.552	-2.459	-2.367	-2.209
5721	57.20	-2.041	-1.846	-1.634	-1.422	-1.229	-1.062	-0.919	-0.788	-0.652	-0.499
5731	57.30	-0.326	-0.142	0.038	0.203	0.351	0.489	0.633	0.795	0.979	1.179
5741	57.40	1.382	1.575	1.753	1.919	2.086	2.263	2.452	2.666	2.826	2.976
5751	57.50	3.091	3.178	3.260	3.359	3.493	3.659	3.837	3.993	4.095	4.124
5761	57.60	4.085	4.000	3.909	3.844	3.828	3.862	3.928	3.995	4.033	4.015
5771	57.70	3.929	3.775	3.562	3.307	3.030	2.749	2.484	2.252	2.070	1.949
5781	57.80	1.900	1.930	2.041	2.229	2.479	2.760	3.026	3.219	3.283	3.178
5791	57.90	2.896	2.466	1.951	1.427	0.965	0.600	0.330	0.113	-0.109	-0.381
5801	58.00	-0.719	-1.097	-1.460	-1.746	-1.915	-1.968	-1.945	-1.910	-1.929	-2.037
5811	58.10	-2.230	-2.466	-2.683	-2.824	-2.854	-2.777	-2.624	-2.442	-2.276	-2.152
5821	58.20	-2.076	-2.031	-1.991	-1.928	-1.822	-1.663	-1.458	-1.225	-0.990	-0.783
5831	58.30	-0.627	-0.535	-0.502	-0.505	-0.507	-0.472	-0.373	-0.203	0.018	0.258
5841	58.40	0.477	0.644	0.746	0.789	0.795	0.783	0.766	0.740	0.691	0.603
5851	58.50	0.468	0.295	0.108	-0.058	-0.174	-0.224	-0.213	-0.168	-0.126	-0.122
5861	58.60	-0.177	-0.293	-0.450	-0.623	-0.785	-0.922	-1.036	-1.143	-1.262	-1.405
5871	58.70	-1.570	-1.735	-1.869	-1.943	-1.941	-1.872	-1.764	-1.660	-1.601	-1.615
5881	58.80	-1.708	-1.868	-2.071	-2.289	-2.499	-2.684	-2.829	-2.917	-2.928	-2.869
5891	58.90	-2.678	-2.434	-2.159	-1.901	-1.704	-1.587	-1.535	-1.504	-1.439	-1.298
5901	59.00	-1.069	-0.776	-0.466	-0.189	0.030	0.195	0.343	0.515	0.761	1.016
5911	59.10	1.301	1.542	1.690	1.725	1.664	1.555	1.455	1.407	1.426	1.497
5921	59.20	1.591	1.678	1.745	1.797	1.847	1.910	1.985	2.061	2.125	2.165
5931	59.30	2.189	2.216	2.269	2.360	2.479	2.593	2.655	2.624	2.482	2.239
5941	59.40	1.932	1.609	1.316	1.079	0.902	0.773	0.673	0.586	0.506	0.425
5951	59.50	0.349	0.272	0.187	0.090	-0.019	-0.128	-0.219	-0.274	-0.284	-0.255
5961	59.60	-0.209	-0.172	-0.166	-0.197	-0.254	-0.313	-0.354	-0.365	-0.356	-0.346
5971	59.70	-0.360	-0.412	-0.497	-0.594	-0.676	-0.723	-0.734	-0.727	-0.731	-0.771
5981	59.80	-0.852	-0.956	-1.069	-1.095	-1.074	-0.988	-0.861	-0.726	-0.610	-0.522
5991	59.90	-0.456	-0.393	-0.321	-0.257	-0.153	-0.082	-0.030	0.011	0.062	0.141

Table 7—24—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.253	0.379	0.480	0.516	0.467	0.341	0.176	0.022	-0.082	-0.127
6011	60.10	-0.137	-0.151	-0.202	-0.295	-0.403	-0.481	-0.491	-0.424	-0.309	-0.199
6021	60.20	-0.140	-0.150	-0.210	-0.269	-0.281	-0.225	-0.119	-0.007	0.075	0.113
6031	60.30	0.150	0.241	0.431	0.708	0.999	1.184	1.155	0.872	0.398	-0.115
6041	60.40	-0.485	-0.577	-0.367	0.040	0.451	0.669	0.574	0.179	-0.383	-0.919
6051	60.50	-1.260	-1.331	-1.176	-0.922	-0.712	-0.660	-0.708	-0.863	-0.939	-0.920
6061	60.60	-0.776	-0.566	-0.378	-0.283	-0.295	-0.367	-0.417	-0.378	-0.234	-0.039
6071	60.70	0.113	0.122	-0.064	-0.427	-0.884	-1.321	-1.638	-1.782	-1.760	-1.629
6081	60.80	-1.461	-1.318	-1.230	-1.195	-1.189	-1.186	-1.167	-1.129	-1.076	-1.008
6091	60.90	-0.928	-0.831	-0.714	-0.578	-0.435	-0.300	-0.187	-0.102	-0.039	0.014
6101	61.00	0.070	0.136	0.212	0.289	0.361	0.425	0.485	0.569	0.625	0.715
6111	61.10	0.813	0.911	0.999	1.075	1.143	1.208	1.274	1.337	1.389	1.425
6121	61.20	1.449	1.479	1.540	1.654	1.827	2.037	2.236	2.372	2.402	2.320
6131	61.30	2.157	1.973	1.831	1.772	1.798	1.876	1.958	2.007	2.015	2.008
6141	61.40	2.022	2.082	2.180	2.272	2.299	2.215	2.018	1.752	1.490	1.299
6151	61.50	1.208	1.191	1.182	1.113	0.952	0.724	0.501	0.365	0.362	0.476
6161	61.60	0.631	0.727	0.698	0.545	0.343	0.205	0.218	0.302	0.460	0.805
6171	61.70	0.733	0.341	-0.331	-1.133	-1.855	-2.316	-2.434	-2.260	-1.949	-1.693
6181	61.80	-1.644	-1.855	-2.269	-2.757	-3.178	-3.437	-3.517	-3.473	-3.395	-3.365
6191	61.90	-3.423	-3.560	-3.732	-3.882	-3.966	-3.961	-3.864	-3.682	-3.427	-3.115
6201	62.00	-2.767	-2.412	-2.084	-1.812	-1.608	-1.457	-1.326	-1.173	-0.970	-0.713
6211	62.10	-0.429	-0.158	0.062	0.215	0.315	0.400	0.508	0.661	0.856	1.056
6221	62.20	1.225	1.330	1.363	1.361	1.299	1.271	1.278	1.320	1.379	1.434
6231	62.30	1.468	1.478	1.475	1.470	1.476	1.496	1.517	1.535	1.544	1.542
6241	62.40	1.539	1.547	1.583	1.658	1.777	1.936	2.117	2.292	2.419	2.459
6251	62.50	2.384	2.191	1.906	1.585	1.292	1.083	0.984	0.984	1.043	1.109
6261	62.60	1.146	1.142	1.113	1.090	1.097	1.136	1.183	1.204	1.172	1.079
6271	62.70	0.944	0.799	0.670	0.564	0.467	0.357	0.221	0.057	-0.077	-0.183
6281	62.80	-0.242	-0.276	-0.331	-0.456	-0.670	-0.945	-1.220	-1.426	-1.529	-1.556
6291	62.90	-1.578	-1.688	-1.930	-2.269	-2.592	-2.756	-2.657	-2.295	-1.785	-1.317
6301	63.00	-1.068	-1.108	-1.354	-1.593	-1.574	-1.121	-0.233	0.906	1.984	2.691
6311	63.10	2.838	2.435	1.676	0.853	0.231	-0.050	-0.015	0.188	0.372	0.405
6321	63.20	0.264	0.025	-0.192	-0.292	-0.252	-0.128	-0.017	0.000	-0.100	-0.276
6331	63.30	-0.452	-0.557	-0.564	-0.504	-0.439	-0.432	-0.510	-0.655	-0.815	-0.938
6341	63.40	-0.996	-1.000	-0.988	-1.005	-1.075	-1.196	-1.340	-1.471	-1.568	-1.629
6351	63.50	-1.674	-1.728	-1.808	-1.912	-2.028	-2.136	-2.219	-2.272	-2.297	-2.295
6361	63.60	-2.264	-2.196	-2.087	-1.942	-1.780	-1.632	-1.531	-1.497	-1.529	-1.605
6371	63.70	-1.690	-1.751	-1.769	-1.767	-1.709	-1.682	-1.686	-1.725	-1.781	-1.827
6381	63.80	-1.833	-1.782	-1.673	-1.521	-1.352	-1.190	-1.052	-0.939	-0.843	-0.749
6391	63.90	-0.644	-0.526	-0.398	-0.270	-0.148	-0.034	0.084	0.223	0.401	0.624
6401	64.00	0.885	1.161	1.419	1.633	1.789	1.895	1.975	2.060	2.176	2.331
6411	64.10	2.516	2.705	2.874	3.005	3.097	3.164	3.227	3.301	3.395	3.504
6421	64.20	3.614	3.714	3.800	3.873	3.962	4.010	4.076	4.129	4.154	4.138
6431	64.30	4.080	3.998	3.879	3.766	3.654	3.530	3.372	3.154	2.857	2.479
6441	64.40	2.043	1.585	1.147	0.766	0.460	0.227	0.041	-0.131	-0.327	-0.574
6451	64.50	-0.885	-1.253	-1.656	-2.060	-2.431	-2.736	-2.958	-3.095	-3.159	-3.176
6461	64.60	-3.173	-3.172	-3.178	-3.182	-3.166	-3.113	-3.017	-2.893	-2.774	-2.698
6471	64.70	-2.693	-2.763	-2.877	-2.979	-3.006	-2.907	-2.669	-2.315	-1.902	-1.496
6481	64.80	-1.148	-0.876	-0.664	-0.473	-0.263	-0.010	0.282	0.589	0.881	1.140
6491	64.90	1.372	1.599	1.852	2.143	2.459	2.757	2.985	3.099	3.093	3.000

Table 7—24—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	2.884	2.814	2.837	2.958	3.137	3.304	3.388	3.344	3.169	2.896
6511	65.10	2.585	2.290	2.047	1.862	1.717	1.583	1.438	1.276	1.102	0.932
6521	65.20	0.777	0.641	0.516	0.394	0.270	0.148	0.040	-0.060	-0.088	-0.100
6531	65.30	-0.097	-0.095	-0.108	-0.140	-0.184	-0.225	-0.247	-0.243	-0.215	-0.175
6541	65.40	-0.139	-0.123	-0.138	-0.188	-0.276	-0.399	-0.554	-0.733	-0.924	-1.105
6551	65.50	-1.252	-1.340	-1.351	-1.281	-1.141	-0.953	-0.747	-0.553	-0.394	-0.282
6561	65.60	-0.219	-0.198	-0.206	-0.231	-0.260	-0.282	-0.292	-0.289	-0.276	-0.260
6571	65.70	-0.246	-0.242	-0.249	-0.266	-0.289	-0.314	-0.340	-0.370	-0.408	-0.463
6581	65.80	-0.540	-0.643	-0.770	-0.913	-1.061	-1.201	-1.323	-1.420	-1.491	-1.542
6591	65.90	-1.587	-1.639	-1.709	-1.798	-1.899	-1.998	-2.074	-2.121	-2.138	-2.139
6601	66.00	-2.142	-2.164	-2.213	-2.279	-2.340	-2.369	-2.362	-2.250	-2.100	-1.912
6611	66.10	-1.711	-1.519	-1.352	-1.216	-1.113	-1.061	-0.999	-0.979	-0.970	-0.956
6621	66.20	-0.913	-0.829	-0.696	-0.518	-0.313	-0.102	0.095	0.266	0.409	0.528
6631	66.30	0.629	0.717	0.794	0.867	0.942	1.028	1.133	1.256	1.387	1.508
6641	66.40	1.603	1.668	1.715	1.772	1.868	2.015	2.198	2.373	2.478	2.438
6651	66.50	2.286	1.978	1.587	1.182	0.823	0.545	0.345	0.199	0.076	-0.043
6661	66.60	-0.158	-0.258	-0.332	-0.386	-0.442	-0.532	-0.682	-0.894	-1.144	-1.393
6671	66.70	-1.598	-1.738	-1.816	-1.854	-1.883	-1.916	-1.945	-1.944	-1.879	-1.733
6681	66.80	-1.514	-1.261	-1.024	-0.853	-0.774	-0.786	-0.862	-0.963	-1.054	-1.113
6691	66.90	-1.132	-1.117	-1.080	-1.032	-0.980	-0.929	-0.880	-0.832	-0.779	-0.711
6701	67.00	-0.616	-0.484	-0.311	-0.106	0.112	0.321	0.503	0.650	0.766	0.864
6711	67.10	0.957	1.051	1.144	1.224	1.279	1.304	1.299	1.272	1.231	1.180
6721	67.20	1.119	1.043	0.949	0.840	0.723	0.608	0.499	0.391	0.273	0.133
6731	67.30	-0.034	-0.220	-0.405	-0.569	-0.699	-0.800	-0.894	-1.008	-1.162	-1.351
6741	67.40	-1.547	-1.699	-1.758	-1.696	-1.511	-1.247	-0.963	-0.717	-0.547	-0.455
6751	67.50	-0.418	-0.393	-0.344	-0.250	-0.119	0.025	0.153	0.242	0.288	0.302
6761	67.60	0.307	0.325	0.373	0.461	0.590	0.760	0.970	1.217	1.494	1.786
6771	67.70	2.069	2.315	2.500	2.612	2.651	2.639	2.603	2.574	2.572	2.607
6781	67.80	2.670	2.745	2.810	2.848	2.851	2.819	2.765	2.703	2.650	2.617
6791	67.90	2.606	2.614	2.627	2.632	2.618	2.582	2.528	2.473	2.431	2.415
6801	68.00	2.424	2.444	2.455	2.431	2.354	2.226	2.051	1.859	1.672	1.506
6811	68.10	1.387	1.246	1.126	0.996	0.852	0.703	0.569	0.471	0.424	0.428
6821	68.20	0.475	0.534	0.587	0.612	0.601	0.558	0.498	0.434	0.378	0.334
6831	68.30	0.298	0.264	0.228	0.194	0.172	0.173	0.205	0.264	0.333	0.388
6841	68.40	0.407	0.382	0.321	0.248	0.192	0.175	0.199	0.245	0.280	0.272
6851	68.50	0.204	0.084	-0.062	-0.200	-0.306	-0.379	-0.435	-0.504	-0.605	-0.761
6861	68.60	-0.891	-1.028	-1.132	-1.210	-1.295	-1.434	-1.669	-2.009	-2.428	-2.865
6871	68.70	-3.254	-3.551	-3.746	-3.870	-3.971	-4.088	-4.251	-4.373	-4.462	-4.449
6881	68.80	-4.316	-4.082	-3.802	-3.543	-3.356	-3.251	-3.210	-3.190	-3.145	-3.053
6891	68.90	-2.918	-2.766	-2.627	-2.521	-2.469	-2.397	-2.342	-2.268	-2.171	-2.057
6901	69.00	-1.937	-1.616	-1.693	-1.561	-1.412	-1.247	-1.071	-0.897	-0.738	-0.599
6911	69.10	-0.482	-0.382	-0.291	-0.204	-0.118	-0.029	0.068	0.177	0.301	0.436
6921	69.20	0.565	0.689	0.726	0.725	0.667	0.573	0.470	0.383	0.327	0.304
6931	69.30	0.301	0.305	0.303	0.294	0.284	0.280	0.286	0.296	0.305	0.306
6941	69.40	0.297	0.285	0.278	0.282	0.292	0.296	0.294	0.278	0.218	0.125	0.007
6951	69.50	-0.118	-0.232	-0.324	-0.395	-0.450	-0.496	-0.537	-0.569	-0.588	-0.595
6961	69.60	-0.597	-0.607	-0.836	-0.685	-0.746	-0.800	-0.830	-0.831	-0.812	-0.795
6971	69.70	-0.804	-0.850	-0.923	-0.994	-1.027	-0.994	-0.889	-0.730	-0.550	-0.382
6981	69.80	-0.246	-0.139	-0.048	0.046	0.150	0.280	0.358	0.429	0.469	0.489
6991	69.90	0.511	0.553	0.623	0.711	0.795	0.857	0.888	0.904	0.929	0.992

Table 7—24—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1117 401-G-1 -7 TR. (HW.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.110	1.280	1.481	1.689	1.897	2.069	2.245	2.426	2.613	2.798
7011	70.10	2.963	3.090	3.177	3.235	3.286	3.341	3.395	3.415	3.356	3.180
7021	70.20	2.879	2.486	2.073	1.723	1.504	1.440	1.506	1.638	1.762	1.821
7031	70.30	1.798	1.712	1.606	1.523	1.482	1.475	1.476	1.451	1.381	1.270
7041	70.40	1.139	1.016	0.923	0.864	0.829	0.798	0.752	0.680	0.582	0.466
7051	70.50	0.335	0.200	0.060	-0.085	-0.232	-0.378	-0.519	-0.651	-0.775	-0.896
7061	70.60	-1.012	-1.141	-1.257	-1.356	-1.424	-1.459	-1.470	-1.477	-1.503	-1.565
7071	70.70	-1.666	-1.787	-1.899	-1.968	-1.971	-1.902	-1.774	-1.617	-1.461	-1.329
7081	70.80	-1.231	-1.161	-1.108	-1.057	-1.002	-0.944	-0.889	-0.845	-0.815	-0.794
7091	70.90	-0.775	-0.743	-0.698	-0.637	-0.567	-0.500	-0.446	-0.414	-0.403	-0.410
7101	71.00	-0.427	-0.448	-0.470	-0.490	-0.512	-0.536	-0.559	-0.572	-0.565	-0.525
7111	71.10	-0.444	-0.322	-0.166	0.006	0.177	0.329	0.454	0.549	0.619	0.674
7121	71.20	0.719	0.755	0.782	0.796	0.798	0.796	0.802	0.827	0.878	0.956
7131	71.30	1.069	1.143	1.226	1.293	1.352	1.414	1.491	1.587	1.693	1.792
7141	71.40	1.864	1.897	1.896	1.878	1.865	1.877	1.914	1.960	1.985	1.958
7151	71.50	1.862	1.700	1.497	1.287	1.103	0.961	0.857	0.773	0.682	0.565
7161	71.60	0.413	0.236	0.046	-0.140	-0.314	-0.477	-0.633	-0.784	-0.929	-1.062
7171	71.70	-1.172	-1.256	-1.316	-1.362	-1.409	-1.471	-1.554	-1.656	-1.771	-1.885
7181	71.80	-1.986	-2.066	-2.118	-2.141	-2.136	-2.109	-2.072	-2.038	-2.022	-2.034
7191	71.90	-2.073	-2.126	-2.171	-2.183	-2.142	-2.043	-1.896	-1.722	-1.565	-1.387
7201	72.00	-1.257	-1.153	-1.066	-0.977	-0.883	-0.777	-0.661	-0.538	-0.413	-0.289
7211	72.10	-0.171	-0.067	0.016	0.073	0.103	0.111	0.111	0.119	0.144	0.190
7221	72.20	0.251	0.315	0.370	0.411	0.441	0.469	0.505	0.553	0.619	0.667
7231	72.30	0.715	0.750	0.777	0.808	0.852	0.914	0.983	1.062	1.069	1.052
7241	72.40	0.994	0.915	0.833	0.777	0.755	0.756	0.757	0.732	0.662	0.566
7251	72.50	0.401	0.252	0.123	0.028	-0.036	-0.086	-0.142	-0.222	-0.334	-0.477
7261	72.60	-0.649	-0.846	-1.067	-1.312	-1.576	-1.862	-2.083	-2.266	-2.365	-2.370
7271	72.70	-2.293	-2.167	-2.035	-1.933	-1.882	-1.878	-1.904	-1.932	-1.944	-1.933
7281	72.80	-1.905	-1.872	-1.841	-1.810	-1.767	-1.698	-1.596	-1.466	-1.327	-1.203
7291	72.90	-1.111	-1.057	-1.025	-0.992	-0.933	-0.834	-0.697	-0.539	-0.378	-0.229
7301	73.00	-0.095	0.031	0.166	0.319	0.495	0.689	0.893	1.101	1.310	1.525
7311	73.10	1.768	1.977	2.199	2.399	2.563	2.690	2.794	2.899	3.030	3.197
7321	73.20	3.390	3.581	3.730	3.806	3.797	3.718	3.602	3.496	3.423	3.388
7331	73.30	3.371	3.332	3.255	3.058	2.808	2.515	2.237	1.990	1.834	1.766
7341	73.40	1.768	1.807	1.842	1.839	1.775	1.663	1.446	1.194	0.896	0.561
7351	73.50	0.196	-0.187	-0.574	-0.939	-1.254	-1.489	-1.621	-1.646	-1.578	-1.452
7361	73.60	-1.310	-1.193	-1.127	-1.116	-1.142	-1.176	-1.187	-1.159	-1.091	-1.003
7371	73.70	-0.921	-0.869	-0.858	-0.883	-0.927	-0.967	-0.986	-0.980	-0.956	-0.930
7381	73.80	-0.918	-0.927	-0.954	-0.987	-1.008	-1.003	-0.967	-0.904	-0.825	-0.742
7391	73.90	-0.666	-0.602	-0.546	-0.493	-0.437	-0.375	-0.311	-0.251	-0.202	-0.173
7401	74.00	-0.166	-0.179	-0.205	-0.237	-0.267	-0.291	-0.306	-0.311	-0.308	-0.297
7411	74.10	-0.277	-0.247	-0.204	-0.149	-0.084	-0.015	0.051	0.107	0.149	0.178
7421	74.20	0.200	0.224	0.258	0.308	0.374	0.445	0.508	0.546	0.548	0.508
7431	74.30	0.433	0.336	0.235	0.169	0.085	0.002	-0.072	-0.118	-0.058	-0.111
7441	74.40	-0.176	-0.242	-0.297	-0.332	-0.345	-0.340	-0.323	-0.305	-0.294	-0.291
7451	74.50	-0.299	-0.315	-0.335	-0.357	-0.377	-0.391	-0.390	-0.370	-0.325	-0.256
7461	74.60	-0.166	-0.067	0.031	0.117	0.184	0.234	0.272	0.310	0.356	0.417
7471	74.70	0.493	0.579	0.663	0.735	0.783	0.801	0.785	0.740	0.674	0.599
7481	74.80	0.529	0.473	0.438	0.422	0.418	0.416	0.404	0.371	0.314	0.233
7491	74.90	0.137	0.033	-0.071	-0.169	-0.258	-0.338	-0.410	-0.472	-0.522	-0.560

Table 7—24—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.585	-0.600	-0.614	-0.636	-0.674	-0.730	-0.799	-0.866	-0.913	-0.926
7511	75.10	-0.898	-0.833	-0.747	-0.662	-0.594	-0.553	-0.533	-0.523	-0.504	-0.468
7521	75.20	-0.414	-0.354	-0.306	-0.286	-0.300	-0.344	-0.402	-0.455	-0.493	-0.511
7531	75.30	-0.515	-0.518	-0.529	-0.550	-0.578	-0.605	-0.624	-0.634	-0.641	-0.652
7541	75.40	-0.672	-0.700	-0.730	-0.753	-0.764	-0.766	-0.767	-0.779	-0.809	-0.853
7551	75.50	-0.897	-0.920	-0.905	-0.845	-0.747	-0.630	-0.514	-0.417	-0.343	-0.286
7561	75.60	-0.235	-0.178	-0.112	-0.041	0.030	0.096	0.157	0.219	0.289	0.369
7571	75.70	0.452	0.524	0.569	0.577	0.547	0.492	0.433	0.387	0.366	0.367
7581	75.80	0.380	0.392	0.392	0.378	0.356	0.335	0.323	0.320	0.324	0.325
7591	75.90	0.320	0.305	0.285	0.268	0.259	0.263	0.276	0.297	0.321	0.343
7601	76.00	0.364	0.381	0.396	0.406	0.413	0.418	0.426	0.443	0.475	0.522
7611	76.10	0.579	0.637	0.687	0.723	0.746	0.767	0.795	0.838	0.895	0.955
7621	76.20	0.999	1.012	0.986	0.923	0.841	0.758	0.691	0.646	0.621	0.605
7631	76.30	0.584	0.552	0.509	0.462	0.418	0.381	0.350	0.320	0.289	0.255
7641	76.40	0.224	0.203	0.195	0.198	0.204	0.202	0.183	0.149	0.110	0.079
7651	76.50	0.067	0.075	0.089	0.088	0.053	-0.026	-0.140	-0.268	-0.383	-0.470
7661	76.60	-0.528	-0.574	-0.634	-0.724	-0.844	-0.969	-1.058	-1.071	-0.982	-0.797
7671	76.70	-0.567	-0.279	-0.038	0.166	0.268	0.340	0.386	0.423	0.459	0.491
7681	76.80	0.513	0.523	0.530	0.566	0.583	0.643	0.717	0.788	0.839	0.864
7691	76.90	0.873	0.884	0.916	0.978	1.063	1.151	1.219	1.258	1.223	1.288
7701	77.00	1.330	1.413	1.528	1.661	1.708	1.688	1.566	1.358	1.105	0.858
7711	77.10	0.654	0.508	0.402	0.307	0.191	0.063	-0.125	-0.283	-0.394	-0.436
7721	77.20	-0.409	-0.337	-0.256	-0.198	-0.183	-0.209	-0.258	-0.306	-0.336	-0.342
7731	77.30	-0.331	-0.316	-0.310	-0.318	-0.337	-0.361	-0.395	-0.414	-0.453	-0.512
7741	77.40	-0.592	-0.705	-0.823	-0.932	-1.016	-1.070	-1.102	-1.129	-1.174	-1.250
7751	77.50	-1.358	-1.461	-1.592	-1.659	-1.663	-1.599	-1.483	-1.341	-1.202	-1.089
7761	77.60	-1.009	-0.954	-0.908	-0.856	-0.789	-0.712	-0.635	-0.573	-0.533	-0.516
7771	77.70	-0.513	-0.511	-0.500	-0.476	-0.441	-0.402	-0.365	-0.334	-0.307	-0.280
7781	77.80	-0.249	-0.216	-0.184	-0.160	-0.149	-0.151	-0.163	-0.176	-0.184	-0.184
7791	77.90	-0.177	-0.167	-0.158	-0.152	-0.147	-0.143	-0.138	-0.132	-0.128	-0.128
7801	78.00	-0.130	-0.129	-0.116	-0.086	-0.037	0.023	0.086	0.138	0.176	0.200
7811	78.10	0.221	0.250	0.296	0.357	0.419	0.462	0.468	0.427	0.362	0.229
7821	78.20	0.109	0.004	-0.075	-0.127	-0.161	-0.191	-0.231	-0.286	-0.355	-0.433
7831	78.30	-0.508	-0.573	-0.623	-0.658	-0.682	-0.701	-0.723	-0.752	-0.788	-0.829
7841	78.40	-0.868	-0.896	-0.908	-0.898	-0.868	-0.823	-0.773	-0.725	-0.686	-0.659
7851	78.50	-0.643	-0.634	-0.630	-0.631	-0.636	-0.643	-0.655	-0.668	-0.680	-0.687
7861	78.60	-0.687	-0.682	-0.676	-0.674	-0.677	-0.685	-0.694	-0.701	-0.700	-0.691
7871	78.70	-0.675	-0.656	-0.635	-0.615	-0.597	-0.579	-0.561	-0.542	-0.524	-0.509
7881	78.80	-0.499	-0.492	-0.485	-0.473	-0.450	-0.411	-0.353	-0.276	-0.182	-0.079
7891	78.90	0.026	0.124	0.207	0.274	0.326	0.372	0.424	0.493	0.583	0.696
7901	79.00	0.825	0.962	1.100	1.239	1.380	1.525	1.674	1.819	1.950	2.054
7911	79.10	2.129	2.181	2.226	2.282	2.362	2.462	2.566	2.650	2.697	2.708
7921	79.20	2.701	2.709	2.759	2.856	2.970	3.046	3.018	2.839	2.502	2.046
7931	79.30	1.545	1.085	0.731	0.512	0.414	0.396	0.401	0.400	0.376	0.332
7941	79.40	0.279	0.223	0.160	0.084	-0.010	-0.114	-0.211	-0.282	-0.320	-0.356
7951	79.50	-0.357	-0.408	-0.500	-0.617	-0.724	-0.784	-0.777	-0.719	-0.651	-0.624
7961	79.60	-0.667	-0.774	-0.898	-0.981	-0.982	-0.904	-0.798	-0.735	-0.769	-0.898
7971	79.70	-1.057	-1.160	-1.054	-0.763	-0.323	0.139	0.472	0.572	0.428	0.133
7981	79.80	-0.154	-0.280	-0.156	0.200	0.680	1.139	1.456	1.590	1.580	1.521
7991	79.90	1.508	1.591	1.755	1.941	2.080	2.138	2.132	2.114	2.144	2.248

Table 7—21—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	2.402	2.542	2.596	2.518	2.311	2.028	1.745	1.524	1.390	1.326
8011	80.10	1.283	1.213	1.091	0.920	0.730	0.553	0.408	0.293	0.188	0.072
8021	80.20	-0.066	-0.218	-0.366	-0.492	-0.586	-0.659	-0.731	-0.823	-0.945	-1.092
8031	80.30	-1.246	-1.376	-1.468	-1.513	-1.516	-1.498	-1.482	-1.493	-1.548	-1.656
8041	80.40	-1.813	-2.005	-2.209	-2.398	-2.551	-2.655	-2.711	-2.734	-2.744	-2.757
8051	80.50	-2.780	-2.808	-2.831	-2.836	-2.819	-2.786	-2.748	-2.713	-2.687	-2.664
8061	80.60	-2.637	-2.603	-2.565	-2.537	-2.535	-2.568	-2.629	-2.698	-2.750	-2.769
8071	80.70	-2.755	-2.731	-2.728	-2.774	-2.872	-2.997	-3.092	-3.086	-2.916	-2.543
8081	80.80	-1.968	-1.230	-0.396	0.445	1.208	1.814	2.209	2.368	2.302	2.056
8091	80.90	1.704	1.330	1.014	0.804	0.711	0.706	0.734	0.736	0.674	0.562
8101	81.00	0.367	0.197	0.082	0.050	0.103	0.215	0.346	0.459	0.532	0.564
8111	81.10	0.573	0.579	0.601	0.644	0.700	0.758	0.804	0.834	0.853	0.871
8121	81.20	0.899	0.938	0.981	1.017	1.035	1.032	1.016	1.003	1.011	1.047
8131	81.30	1.105	1.163	1.195	1.179	1.110	1.001	0.877	0.768	0.689	0.642
8141	81.40	0.607	0.563	0.493	0.399	0.298	0.222	0.195	0.226	0.305	0.403
8151	81.50	0.492	0.551	0.580	0.593	0.611	0.648	0.705	0.764	0.800	0.794
8161	81.60	0.737	0.637	0.512	0.385	0.272	0.176	0.095	0.023	-0.043	-0.097
8171	81.70	-0.128	-0.126	-0.089	-0.021	0.064	0.147	0.215	0.257	0.276	0.279
8181	81.80	0.278	0.286	0.310	0.354	0.416	0.488	0.562	0.630	0.689	0.740
8191	81.90	0.791	0.847	0.914	0.988	1.062	1.130	1.188	1.244	1.311	1.409
8201	82.00	1.546	1.717	1.897	2.066	2.123	2.098	1.963	1.737	1.456	1.166
8211	82.10	0.905	0.694	0.537	0.420	0.319	0.213	0.083	-0.076	-0.256	-0.436
8221	82.20	-0.592	-0.699	-0.742	-0.726	-0.677	-0.633	-0.635	-0.711	-0.864	-1.071
8231	82.30	-1.295	-1.500	-1.665	-1.793	-1.904	-2.020	-2.149	-2.280	-2.389	-2.456
8241	82.40	-2.475	-2.467	-2.467	-2.503	-2.581	-2.675	-2.736	-2.723	-2.626	-2.473
8251	82.50	-2.325	-2.236	-2.221	-2.235	-2.183	-1.966	-1.526	-0.889	-0.168	0.475
8261	82.60	0.893	1.011	0.862	0.569	0.294	0.170	0.249	0.491	0.789	1.028
8271	82.70	1.136	1.111	1.010	0.916	0.892	0.954	1.072	1.194	1.276	1.307
8281	82.80	1.308	1.314	1.350	1.410	1.461	1.458	1.372	1.206	0.994	0.789
8291	82.90	0.635	0.550	0.522	0.519	0.508	0.475	0.429	0.393	0.388	0.421
8301	83.00	0.477	0.530	0.550	0.525	0.460	0.374	0.269	0.213	0.144	0.065
8311	83.10	-0.040	-0.174	-0.322	-0.453	-0.534	-0.539	-0.464	-0.325	-0.156	0.008
8321	83.20	0.143	0.238	0.301	0.350	0.405	0.476	0.565	0.659	0.745	0.809
8331	83.30	0.851	0.881	0.915	0.970	1.054	1.159	1.266	1.337	1.368	1.284
8341	83.40	1.149	0.968	0.778	0.613	0.493	0.419	0.375	0.333	0.271	0.179
8351	83.50	0.059	-0.075	-0.210	-0.337	-0.459	-0.583	-0.720	-0.872	-1.032	-1.185
8361	83.60	-1.319	-1.423	-1.503	-1.571	-1.644	-1.731	-1.832	-1.930	-2.001	-2.022
8371	83.70	-1.979	-1.874	-1.727	-1.569	-1.428	-1.325	-1.263	-1.228	-1.195	-1.138
8381	83.80	-1.039	-0.896	-0.721	-0.537	-0.369	-0.232	-0.129	-0.048	0.031	0.129
8391	83.90	0.259	0.420	0.605	0.800	0.998	1.201	1.419	1.662	1.934	2.217
8401	84.00	2.478	2.669	2.750	2.698	2.528	2.285	2.042	1.867	1.810	1.877
8411	84.10	2.032	2.208	2.329	2.336	2.207	1.960	1.643	1.314	1.019	0.727
8421	84.20	0.580	0.400	0.208	-0.013	-0.258	-0.505	-0.724	-0.889	-0.992	-1.040
8431	84.30	-1.056	-1.066	-1.093	-1.155	-1.259	-1.404	-1.587	-1.798	-2.022	-2.238
8441	84.40	-2.425	-2.561	-2.635	-2.653	-2.630	-2.591	-2.559	-2.543	-2.536	-2.521
8451	84.50	-2.475	-2.384	-2.253	-2.098	-1.966	-1.818	-1.722	-1.648	-1.576	-1.486
8461	84.60	-1.361	-1.213	-1.058	-0.919	-0.818	-0.761	-0.741	-0.744	-0.755	-0.765
8471	84.70	-0.771	-0.777	-0.782	-0.777	-0.744	-0.661	-0.509	-0.281	0.008	0.330
8481	84.80	0.644	0.914	1.112	1.232	1.286	1.305	1.316	1.345	1.403	1.489
8491	84.90	1.588	1.685	1.772	1.856	1.955	2.090	2.277	2.513	2.770	3.001

Table 7—24—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1117 401-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	3.151	3.179	3.067	2.832	2.521	2.193	1.904	1.692	1.563	1.501
8511	85.10	1.475	1.455	1.420	1.364	1.290	1.210	1.132	1.059	0.991	0.922
8521	85.20	0.851	0.776	0.699	0.622	0.546	0.468	0.389	0.308	0.225	0.142
8531	85.30	0.061	-0.019	-0.099	-0.179	-0.260	-0.341	-0.419	-0.495	-0.570	-0.645
8541	85.40	-0.724	-0.807	-0.890	-0.971	-1.046	-1.116	-1.188	-1.266	-1.352	-1.442
8551	85.50	-1.521	-1.575	-1.594	-1.580	-1.551	-1.532	-1.546	-1.602	-1.686	-1.769
8561	85.60	-1.813	-1.791	-1.699	-1.556	-1.398	-1.262	-1.165	-1.103	-1.051	-0.980
8571	85.70	-0.874	-0.741	-0.612	-0.532	-0.540	-0.652	-0.858	-1.125	-1.411	-1.680
8581	85.80	-1.911	-2.095	-2.234	-2.328	-2.371	-2.352	-2.263	-2.113	-1.923	-1.731
8591	85.90	-1.575	-1.482	-1.456	-1.471	-1.485	-1.450	-1.332	-1.117	-0.825	-0.496
8601	86.00	-0.181	0.076	0.242	0.322	0.336	0.323	0.321	0.360	0.465	0.562
8611	86.10	0.683	0.779	0.829	0.835	0.815	0.795	0.803	0.848	0.924	1.013
8621	86.20	1.093	1.153	1.199	1.248	1.320	1.421	1.536	1.628	1.654	1.577
8631	86.30	1.392	1.123	0.829	0.577	0.428	0.414	0.534	0.757	1.033	1.311
8641	86.40	1.552	1.736	1.861	1.936	1.979	2.008	2.038	2.077	2.128	2.187
8651	86.50	2.242	2.279	2.282	2.242	2.161	2.049	1.924	1.806	1.708	1.635
8661	86.60	1.585	1.548	1.512	1.471	1.420	1.359	1.291	1.221	1.153	1.092
8671	86.70	1.044	1.011	0.996	0.996	1.003	1.010	1.011	1.002	0.987	0.972
8681	86.80	0.962	0.958	0.953	0.940	0.910	0.857	0.786	0.705	0.622	0.545
8691	86.90	0.476	0.413	0.354	0.296	0.242	0.192	0.148	0.101	0.041	-0.043
8701	87.00	-0.157	-0.296	-0.448	-0.596	-0.729	-0.845	-0.954	-1.070	-1.202	-1.344
8711	87.10	-1.473	-1.557	-1.570	-1.501	-1.365	-1.197	-1.046	-0.951	-0.938	-1.006
8721	87.20	-1.162	-1.321	-1.522	-1.732	-1.941	-2.138	-2.306	-2.426	-2.477	-2.453
8731	87.30	-2.365	-2.240	-2.115	-2.020	-1.970	-1.956	-1.956	-1.941	-1.891	-1.804
8741	87.40	-1.691	-1.574	-1.471	-1.391	-1.330	-1.278	-1.222	-1.158	-1.087	-1.016
8751	87.50	-0.949	-0.887	-0.827	-0.764	-0.696	-0.628	-0.570	-0.530	-0.513	-0.515
8761	87.60	-0.524	-0.526	-0.513	-0.482	-0.440	-0.398	-0.366	-0.350	-0.347	-0.349
8771	87.70	-0.342	-0.313	-0.252	-0.154	-0.017	0.151	0.338	0.526	0.689	0.820
8781	87.80	0.915	0.986	1.056	1.152	1.292	1.473	1.670	1.844	1.969	1.956
8791	87.90	1.857	1.672	1.439	1.200	0.989	0.819	0.687	0.582	0.488	0.402
8801	88.00	0.327	0.273	0.268	0.251	0.273	0.298	0.311	0.304	0.276	0.234
8811	88.10	0.185	0.139	0.098	0.065	0.042	0.036	0.057	0.113	0.211	0.366
8821	88.20	0.505	0.668	0.814	0.927	1.004	1.055	1.094	1.148	1.233	1.354
8831	88.30	1.502	1.655	1.780	1.848	1.837	1.743	1.577	1.365	1.160	0.931
8841	88.40	0.759	0.630	0.536	0.460	0.382	0.287	0.166	0.021	-0.140	-0.300
8851	88.50	-0.441	-0.546	-0.605	-0.614	-0.582	-0.523	-0.458	-0.406	-0.378	-0.376
8861	88.60	-0.392	-0.416	-0.430	-0.434	-0.425	-0.411	-0.399	-0.394	-0.397	-0.402
8871	88.70	-0.406	-0.407	-0.408	-0.417	-0.438	-0.472	-0.514	-0.555	-0.587	-0.607
8881	88.80	-0.617	-0.626	-0.641	-0.666	-0.698	-0.731	-0.758	-0.775	-0.786	-0.798
8891	88.90	-0.817	-0.846	-0.880	-0.911	-0.933	-0.945	-0.952	-0.962	-0.985	-1.021
8901	89.00	-1.063	-1.099	-1.117	-1.111	-1.084	-1.045	-1.006	-0.968	-0.937	-0.909
8911	89.10	-0.879	-0.847	-0.818	-0.797	-0.787	-0.783	-0.773	-0.748	-0.700	-0.639
8921	89.20	-0.582	-0.555	-0.579	-0.662	-0.793	-0.948	-1.099	-1.225	-1.321	-1.397
8931	89.30	-1.473	-1.565	-1.677	-1.795	-1.891	-1.935	-1.903	-1.794	-1.625	-1.435
8941	89.40	-1.262	-1.137	-1.070	-1.065	-1.028	-0.979	-0.869	-0.689	-0.456	-0.206
8951	89.50	0.019	0.190	0.294	0.342	0.358	0.367	0.383	0.407	0.433	0.459
8961	89.60	0.459	0.468	0.493	0.542	0.614	0.694	0.767	0.822	0.866	0.915
8971	89.70	0.987	1.078	1.160	1.184	1.105	0.909	0.661	0.390	0.269	0.355
8981	89.80	0.656	1.083	1.482	1.686	1.590	1.198	0.630	0.081	-0.258	-0.272
8991	89.90	0.031	0.533	1.056	1.442	1.613	1.597	1.496	1.435	1.499	1.697

Table 7—24—19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1117 <01-G-1 -7 TR. (HB.) BIWAKO BRIDGE MAX. ACC. = -170.148 (GAL) T= 1.80 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
9001	90.00	1.964	2.203	2.330	2.318	2.202	2.057	1.959	1.947	2.011	2.103
9011	90.10	2.164	2.155	2.076	1.958	1.849	1.784	1.775	1.801	1.831	1.832
9021	90.20	1.792	1.718	1.629	1.547	1.482	1.430	1.378	1.311	1.224	1.122
9031	90.30	1.021	0.935	0.874	0.839	0.822	0.811	0.799	0.787	0.778	0.779
9041	90.40	0.792	0.811	0.823	0.816	0.784	0.735	0.690	0.676	0.711	0.800
9051	90.50	0.922	1.039	1.108	1.098	1.001	0.840	0.653	0.483	0.356	0.267
9061	90.60	0.202	0.131	0.040	-0.068	-0.170	-0.238	-0.256	-0.231	-0.193	-0.177
9071	90.70	-0.206	-0.279	-0.370	-0.440	-0.467	-0.454	-0.429	-0.435	-0.497	-0.610
9081	90.80	-0.735	-0.824	-0.842	-0.796	-0.733	-0.717	-0.796	-0.959	-1.150	-1.275
9091	90.90	-1.255	-1.075	-0.802	-0.565	-0.496	-0.685	-1.116	-1.675	-2.194	-2.513

Table 7—25—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.446	-0.980	-0.598	-0.445	-0.517	-0.706	-0.906	-1.084	-1.295	-1.608
11	0.10	-2.017	-2.384	-2.479	-2.090	-1.161	0.128	1.395	2.195	2.212	1.397
21	0.20	0.005	-1.510	-2.677	-3.187	-2.993	-2.296	-1.429	-0.710	-0.330	-0.302
31	0.30	-0.501	-0.729	-0.802	-0.609	-0.143	0.494	1.107	1.456	1.326	0.621
41	0.40	-0.566	-1.931	-3.031	-3.437	-2.915	-1.558	0.206	1.763	2.554	2.321
51	0.50	1.223	-0.228	-1.396	-1.812	-1.389	-0.447	0.457	0.806	0.387	-0.609
61	0.60	-1.685	-2.294	-2.103	-1.158	0.167	1.262	1.743	1.445	0.562	-0.485
71	0.70	-1.247	-1.434	-0.999	-0.109	0.959	1.927	2.574	2.746	2.339	1.311
81	0.80	-0.260	-2.123	-3.836	-4.858	-4.740	-3.338	-0.954	1.706	3.756	4.475
91	0.90	3.614	1.524	-0.977	-2.941	-3.690	-3.095	-1.601	0.011	1.007	1.035
101	1.00	0.262	-0.757	-1.401	-1.311	-0.576	0.342	0.879	0.701	-0.098	-1.022
111	1.10	-1.438	-0.915	0.524	2.379	3.894	4.419	3.708	2.027	0.010	-1.652
121	1.20	-2.520	-2.560	-2.074	-1.476	-1.011	-0.794	-0.571	-0.215	0.246	0.562
131	1.30	0.406	-0.370	-1.569	-2.558	-2.726	-1.655	0.481	2.917	4.695	4.719
141	1.40	3.110	0.448	-2.065	-3.272	-2.663	-0.668	1.546	2.686	2.027	-0.093
151	1.50	-2.429	-3.419	-2.041	1.560	6.011	9.297	9.728	6.825	1.452	-3.605
161	1.60	-6.617	-6.018	-2.081	3.364	7.745	8.920	6.149	0.432	-5.963	-10.398
171	1.70	-11.158	-7.949	-2.021	4.442	9.227	10.908	9.253	5.130	0.050	-4.419
181	1.80	-7.119	-7.539	-5.815	-2.587	1.198	4.501	6.403	6.331	4.235	0.657
191	1.90	-3.375	-6.657	-8.207	-7.616	-5.186	-1.788	1.494	3.787	4.708	4.406
201	2.00	3.360	2.078	0.855	-0.290	-1.492	-2.863	-4.266	-5.414	-6.012	-5.867
211	2.10	-4.978	-3.698	-2.385	-1.331	-0.639	-0.261	0.006	0.211	0.409	0.601
221	2.20	0.818	1.128	1.560	1.988	2.086	1.405	-0.308	-2.871	-5.503	-7.020
231	2.30	-6.323	-3.009	2.229	7.674	11.211	11.260	7.606	1.674	-3.961	-6.674
241	2.40	-5.012	0.537	7.650	13.136	14.369	10.499	2.882	-5.500	-11.360	-12.569
251	2.50	-8.955	-2.454	4.030	7.883	7.920	4.768	0.387	-2.979	-3.865	-2.175
261	2.60	0.947	3.819	5.094	4.355	2.189	-0.244	-1.848	-2.103	-1.205	0.125
271	2.70	1.308	1.765	1.526	0.833	-0.062	-1.069	-2.242	-3.595	-4.916	-5.730
281	2.80	-5.483	-3.884	-1.184	1.779	3.857	4.100	2.249	-1.042	-4.403	-6.314
291	2.90	-5.784	-2.847	1.392	5.194	6.933	5.820	2.284	-2.191	-5.684	-6.673
301	3.00	-4.703	-0.602	3.859	6.722	6.684	3.665	-1.146	-5.788	-8.361	-7.830
311	3.10	-4.458	0.320	4.526	6.494	5.582	2.424	-1.381	-4.005	-4.213	-1.915
321	3.20	1.798	5.155	6.498	5.024	1.147	-3.673	-7.537	-8.891	-7.130	-2.803
331	3.30	2.645	7.455	10.190	10.190	7.700	3.676	-0.583	-3.847	-5.265	-4.519
341	3.40	-1.877	1.909	5.755	8.497	9.197	7.448	3.573	-1.396	-6.006	-8.868
351	3.50	-9.168	-6.988	-3.273	0.556	5.194	5.972	3.079	1.368	-0.132	-0.754
361	3.60	-0.503	0.026	0.049	-0.893	-2.616	-4.347	-5.127	-4.351	-2.145	0.660
371	3.70	2.830	3.520	2.538	0.539	-1.340	-2.072	-1.270	0.631	2.630	3.712
381	3.80	3.382	1.892	0.032	-1.377	-1.995	-2.173	-2.709	-4.286	-6.908	-9.680
391	3.90	-11.112	-9.840	-5.411	1.286	8.219	12.989	13.859	10.548	4.400	-2.167
401	4.00	-6.685	-7.663	-5.158	-0.661	3.741	6.138	5.747	3.034	-0.639	-3.730
411	4.10	-5.213	-4.939	-3.530	-1.938	-0.931	-0.755	-1.130	-1.508	-1.423	-0.735
421	4.20	0.343	1.612	2.119	2.317	2.084	1.614	1.082	0.567	0.030	-0.358
431	4.30	-0.650	-0.640	-0.210	0.600	1.566	2.256	2.386	1.812	0.692	-0.597
441	4.40	-1.653	-2.250	-2.443	-2.499	-2.704	-3.149	-3.632	-3.742	-3.096	-1.602
451	4.50	0.406	2.261	3.243	2.930	1.430	-0.625	-2.346	-2.980	-2.256	-0.505
461	4.60	1.495	2.886	3.119	2.196	0.666	-0.734	-1.247	-0.601	0.984	2.894
471	4.70	4.404	4.970	4.418	2.962	1.072	-0.729	-2.032	-2.621	-2.457	-1.618
481	4.80	-0.235	1.516	3.390	5.049	6.086	6.115	4.912	2.540	-0.599	-3.840
491	4.90	-6.431	-7.774	-7.623	-6.159	-3.922	-1.605	0.197	1.176	1.384	1.143

Table 7—25—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	0.860	0.824	1.083	1.452	1.645	1.444	0.836	0.025	-0.667	-0.966
511	5.10	-0.789	-0.279	0.278	0.611	0.614	0.396	0.158	0.120	0.278	0.406
521	5.20	0.145	-0.784	-2.380	-4.272	-5.815	-6.340	-5.443	-3.187	-0.103	3.002
531	5.30	5.346	6.449	6.267	5.134	3.571	2.067	0.922	0.223	-0.084	-0.106
541	5.40	0.063	0.325	0.546	0.545	0.153	-0.675	-1.770	-2.753	-3.171	-2.722
551	5.50	-1.455	0.176	1.469	1.799	0.960	-0.660	-2.171	-2.547	-1.111	2.090
561	5.60	8.197	9.817	11.548	10.545	6.877	1.524	-3.981	-8.101	-9.826	-8.969
571	5.70	-6.146	-2.484	0.803	2.805	3.152	2.042	0.104	-1.836	-3.015	-2.952
581	5.80	-1.575	0.749	3.315	5.286	5.967	5.051	2.748	-0.266	-3.094	-4.945
591	5.90	-5.443	-4.743	-3.432	-2.238	-1.683	-1.863	-2.437	-2.844	-2.620	-1.655
601	6.00	-0.247	1.062	1.802	1.852	1.533	1.459	2.204	3.957	6.360	8.494
611	6.10	9.410	8.364	5.262	0.734	-4.064	-7.855	-9.701	-9.319	-7.147	-4.153
621	6.20	-1.462	0.036	-0.018	-1.394	-3.379	-5.068	-5.682	-4.825	-2.604	0.431
631	6.30	3.480	5.767	6.779	6.410	4.951	2.947	0.987	-0.502	-1.363	-1.692
641	6.40	-1.733	-1.726	-1.796	-1.929	-2.017	-1.944	-1.665	-1.218	-0.697	-0.196
651	6.50	0.223	0.526	0.688	0.678	0.480	0.156	-0.111	-0.029	0.700	2.216
661	6.60	4.349	6.577	8.155	8.375	6.885	3.884	0.114	-3.380	-5.659	-6.145
671	6.70	-4.997	-2.822	-0.486	1.258	2.084	2.040	1.509	0.899	0.460	0.208
681	6.80	0.018	-0.225	-0.510	-0.707	-0.680	-0.422	-0.119	-0.068	-0.491	-1.353
691	6.90	-2.300	-2.786	-2.330	-0.799	1.467	3.744	5.223	5.357	4.107	1.942
701	7.00	-0.383	-2.170	-3.060	-3.119	-2.701	-2.191	-1.766	-1.325	-0.604	0.597
711	7.10	2.222	3.923	5.203	5.667	5.219	4.111	2.786	1.629	0.767	0.024
721	7.20	-0.906	-2.201	-3.706	-4.936	-5.290	-4.430	-2.548	-0.411	0.900	0.471
731	7.30	-1.977	-5.868	-9.924	-12.643	-12.909	-10.454	-5.962	-0.786	3.606	6.191
741	7.40	6.723	5.704	4.058	2.671	2.028	2.101	2.687	2.710	2.483	1.822
751	7.50	0.963	0.167	-0.461	-1.020	-1.715	-2.674	-3.810	-4.816	-5.311	-5.052
761	7.60	-4.088	-2.752	-1.482	-0.560	0.074	0.817	2.182	4.468	7.487	10.526
771	7.70	12.585	12.808	10.901	7.323	3.145	-0.378	-2.320	-2.450	-1.259	0.331
781	7.80	1.448	1.668	1.153	0.464	0.174	0.508	1.212	1.716	1.507	0.477
791	7.90	-0.966	-2.081	-2.204	-1.134	0.720	2.536	3.520	3.358	2.406	1.498
801	8.00	1.466	2.605	4.413	5.765	5.457	2.873	-1.600	-6.625	-10.463	-11.749
811	8.10	-10.129	-6.439	-2.335	0.449	0.855	-1.090	-4.373	-7.533	-9.334	-9.248
821	8.20	-7.548	-5.010	-2.450	-0.352	1.222	2.439	3.392	3.901	3.549	1.957
831	8.30	-0.892	-4.484	-7.879	-10.075	-10.437	-8.983	-6.965	-3.575	-1.510	-0.625
841	8.40	-0.813	-1.574	-2.296	-2.546	-2.204	-1.417	-0.455	0.432	1.079	1.387
851	8.50	1.303	0.848	0.188	-0.296	-0.070	1.346	4.067	7.615	10.935	12.726
861	8.60	12.014	8.680	3.676	-1.260	-4.315	-4.432	-1.859	1.888	4.693	4.868
871	8.70	1.931	-2.908	-7.410	-9.248	-7.164	-1.638	5.240	10.661	12.351	9.594
881	8.80	3.549	-3.291	-8.226	-9.540	-7.197	-2.743	1.501	3.543	2.590	-0.702
891	8.90	-4.686	-7.595	-8.403	-7.239	-5.195	-3.656	-3.531	-4.762	-6.364	-6.951
901	9.00	-5.469	-1.772	3.243	8.009	10.966	11.242	8.998	5.319	1.702	-0.597
911	9.10	-1.050	0.010	1.662	2.885	3.045	2.130	0.658	-0.663	-1.331	-1.298
921	9.20	-0.943	-0.801	-1.211	-2.060	-2.781	-2.610	-0.976	2.159	6.191	10.068
931	9.30	12.582	13.008	11.186	7.654	3.404	-0.492	-3.220	-4.622	-4.197	-2.955
941	9.40	-1.220	0.520	1.900	2.708	2.909	2.686	2.662	2.837	4.402	7.448
951	9.50	11.663	16.039	19.019	19.005	15.001	7.179	-2.943	-12.844	-19.806	-21.896
961	9.60	-18.737	-11.719	-3.533	2.822	5.170	2.978	-2.485	-8.690	-12.884	-13.176
971	9.70	-9.249	-2.613	4.967	10.426	12.314	10.332	5.502	-0.350	-5.344	-8.212
981	9.80	-8.627	-7.117	-4.682	-2.293	-0.530	0.545	1.260	2.056	3.227	4.785
991	9.90	6.491	8.014	9.114	9.751	10.080	10.350	10.755	11.327	11.909	12.219

Table 7—25—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	11.961	10.935	9.095	6.554	3.538	0.329	-2.786	-5.539	-7.696	-9.073
1011	10.10	-9.562	-9.151	-7.938	-6.110	-3.895	-1.509	0.886	3.186	5.305	7.131
1021	10.20	8.496	9.195	9.040	7.933	5.912	3.144	-0.127	-3.650	-7.200	-10.574
1031	10.30	-13.544	-15.826	-17.109	-17.175	-16.038	-14.054	-11.873	-10.239	-9.680	-10.229
1041	10.40	-11.348	-12.127	-11.714	-9.790	-6.850	-4.088	-2.906	-4.204	-7.804	-12.312
1051	10.50	-15.556	-15.466	-11.035	-2.911	6.688	14.765	18.729	17.463	11.798	4.161
1061	10.60	-2.465	-5.815	-5.269	-2.040	1.466	2.807	0.647	-4.631	-11.096	-16.133
1071	10.70	-17.570	-14.580	-7.970	0.222	7.588	12.265	13.525	11.861	8.495	6.968
1081	10.80	2.409	1.366	1.819	3.375	5.498	7.649	9.355	10.153	9.869	8.550
1091	10.90	6.660	5.008	4.487	5.679	8.481	11.960	14.680	15.041	12.135	6.095
1101	11.00	-1.839	-9.747	-15.750	-18.707	-18.602	-16.439	-13.743	-11.904	-11.670	-12.993
1111	11.10	-15.237	-17.576	-19.368	-20.184	-19.902	-18.303	-15.086	-9.985	-3.108	4.737
1121	11.20	11.971	16.595	16.897	12.242	3.575	-6.661	-15.248	-19.310	-17.390	-10.028
1131	11.30	0.416	10.626	17.564	19.524	16.654	10.747	4.455	0.282	-0.229	3.148
1141	11.40	9.482	17.174	24.534	30.202	33.323	33.544	30.933	25.949	19.446	12.640
1151	11.50	6.930	3.555	3.140	5.361	8.893	11.760	12.002	8.419	1.095	-8.555
1161	11.60	-18.242	-25.599	-29.007	-28.106	-23.804	-17.825	-12.003	-7.633	-5.169	-4.194
1171	11.70	-3.991	-3.804	-3.240	-2.309	-1.254	-0.313	0.444	1.102	1.756	2.356
1181	11.80	2.671	2.425	1.534	0.296	-0.610	-0.365	1.599	5.241	9.806	14.040
1191	11.90	16.679	16.983	15.070	11.884	8.792	7.005	7.070	8.677	10.833	12.313
1201	12.00	12.157	9.992	6.082	1.140	-3.962	-8.296	-11.134	-11.266	-9.626	-6.480
1211	12.10	3.257	12.279	20.622	25.137	24.330	17.271	5.164	-8.988	-21.266	-28.230
1221	12.20	-28.258	-22.256	-13.387	-5.869	-3.319	-7.312	-16.777	-28.453	-38.276	-42.883
1231	12.30	-40.940	-33.408	-22.938	-12.650	-4.889	-0.500	1.140	1.447	1.730	2.537
1241	12.40	3.561	3.958	3.212	1.457	-0.349	-0.856	0.984	5.312	11.162	16.780
1251	12.50	20.333	20.674	17.827	12.965	7.918	4.420	3.440	4.863	7.629	10.225
1261	12.60	11.316	10.224	7.096	2.739	-1.777	-5.541	-8.096	-9.467	-10.125	-10.521
1271	12.70	-11.052	-11.822	-12.665	-13.242	-13.178	-12.168	-10.043	-6.771	-2.451	2.698
1281	12.80	8.324	13.941	18.956	22.741	24.766	24.744	22.753	19.273	15.112	11.212
1291	12.90	8.396	7.114	7.279	8.257	9.039	8.549	6.069	1.238	-5.228	-12.250
1301	13.00	-18.427	-22.536	-23.931	-22.746	-19.798	-16.236	-13.072	-10.775	-9.139	-7.460
1311	13.10	-4.977	-1.356	3.017	7.067	9.467	9.220	6.182	1.230	-4.019	-7.845
1321	13.20	-9.140	-7.880	-5.120	-2.496	-1.456	-2.566	-5.215	-7.859	-8.704	-6.512
1331	13.30	-1.176	6.181	13.625	19.132	21.299	19.758	15.168	8.857	2.320	-3.190
1341	13.40	-6.865	-8.345	-7.637	-5.071	-1.322	2.562	5.225	5.570	2.734	-2.965
1351	13.50	-10.111	-16.432	-19.511	-17.693	-10.808	-0.374	10.856	19.843	24.363	23.657
1361	13.60	18.761	11.783	5.073	0.305	-2.031	-2.548	-2.420	-2.673	-3.672	-5.025
1371	13.70	-5.902	-5.554	-3.745	-0.873	2.246	4.795	6.332	6.916	6.959	6.896
1381	13.80	6.893	6.761	6.130	4.755	2.771	0.713	-0.729	-1.114	-0.570	0.165
1391	13.90	0.033	-1.810	-5.500	-10.268	-14.665	-17.150	-16.786	-13.701	-9.106	-4.814
1401	14.00	-2.476	-2.868	-5.538	-8.981	-11.241	-10.803	-7.024	-0.556	7.009	13.704
1411	14.10	17.869	18.526	15.742	10.271	3.333	-3.762	-9.869	-14.153	-16.159	-15.858
1421	14.20	-13.659	-10.360	-6.966	-4.384	-3.066	-2.783	-2.667	-1.475	1.651	6.038
1431	14.30	13.134	18.757	21.750	20.816	15.953	8.589	1.093	-4.145	-5.681	-3.604
1441	14.40	0.542	4.460	6.122	6.663	6.725	5.870	-6.968	-7.086	-3.976	1.117
1451	14.50	6.159	9.121	8.798	5.228	-0.422	-6.406	-11.093	-13.507	-13.510	-11.627
1461	14.60	-8.669	-5.358	-2.144	0.749	3.147	4.756	5.138	3.886	0.895	-3.392
1471	14.70	-7.928	-11.272	-12.026	-9.367	-3.467	4.378	11.998	16.965	17.386	12.626
1481	14.80	3.683	-6.959	-16.034	-20.543	-18.821	-11.210	-0.053	11.049	18.477	19.897
1491	14.90	15.101	6.048	-3.931	-11.440	-14.343	-12.353	-7.211	-1.499	2.459	3.649

Table 7—25—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	2.717	1.514	2.066	5.495	11.410	18.037	23.025	24.512	21.952	16.306
1511	15.10	9.556	3.794	0.350	-0.648	-0.118	0.585	0.363	-1.187	-3.785	-6.850
1521	15.20	-9.957	-13.079	-16.452	-20.161	-23.717	-25.941	-25.300	-20.598	-11.699	0.103
1531	15.30	12.293	21.909	26.574	25.362	19.124	10.166	1.611	-4.591	-6.425	-4.100
1541	15.40	1.156	7.443	12.799	15.686	15.247	11.361	4.583	-3.981	-12.832	-20.337
1551	15.50	-25.054	-26.105	-23.461	-18.000	-11.286	-5.098	-0.882	0.667	-0.254	-2.743
1561	15.60	-5.582	-7.665	-8.297	-7.276	-4.814	-1.360	2.503	6.136	8.883	10.169
1571	15.70	9.671	7.528	4.465	1.694	0.576	2.113	6.485	12.842	19.494	24.457
1581	15.80	26.149	23.969	18.511	11.335	4.390	-0.662	-2.974	-2.698	-0.801	1.377
1591	15.90	2.651	2.404	0.783	-1.372	-2.818	-2.344	0.784	6.467	13.663	20.569
1601	16.00	25.125	25.693	21.705	13.999	4.667	-3.605	-8.502	-8.979	-5.714	-0.897
1611	16.10	2.597	2.337	-2.712	-11.788	-22.652	-32.455	-38.785	-40.437	-37.642	-31.729
1621	16.20	-24.465	-17.406	-11.530	-7.229	-4.535	-3.346	-3.509	-4.712	-6.315	-7.340
1631	16.30	-6.715	-3.711	1.627	8.309	14.639	18.812	19.626	16.969	11.869	6.062
1641	16.40	1.269	-1.356	-1.738	-0.541	1.192	2.605	3.359	3.636	3.851	4.279
1651	16.50	4.829	5.057	4.478	2.790	0.174	-2.796	-5.376	-6.996	-7.459	-6.978
1661	16.60	-6.011	-5.023	-4.311	-3.956	-3.907	-4.100	-4.516	-5.131	-5.802	-6.188
1671	16.70	-5.793	-4.168	-1.053	3.233	7.989	12.235	15.068	15.983	15.026	12.721
1681	16.80	9.800	6.889	4.288	1.949	-0.359	-2.802	-5.295	-7.471	-8.845	-9.065
1691	16.90	-8.142	-6.525	-4.969	-4.261	-4.888	-6.805	-9.395	-11.648	-12.493	-11.181
1701	17.00	-7.569	-2.216	3.760	9.016	12.408	13.359	12.042	9.297	6.317	4.190
1711	17.10	3.481	4.021	4.981	5.230	3.827	0.449	-4.615	-9.600	-13.683	-15.491
1721	17.20	-16.519	-11.062	-6.052	-0.660	4.127	7.802	10.370	12.170	13.584	14.797
1731	17.30	15.722	16.107	15.730	14.577	12.882	11.029	9.353	7.978	6.770	5.466
1741	17.40	3.788	1.713	-0.466	-2.351	-3.567	-3.989	-3.835	-3.573	-3.709	-4.527
1751	17.50	-5.940	-7.517	-8.678	-8.943	-8.245	-6.781	-5.078	-3.651	-2.801	-2.511
1761	17.60	-2.536	-2.596	-2.614	-2.805	-3.606	-5.443	-8.456	-12.317	-16.230	-19.256
1771	17.70	-20.467	-19.467	-16.457	-12.189	-7.693	-3.925	-1.464	-0.380	-0.306	-0.659
1781	17.80	-0.921	-0.835	-0.477	-0.163	-0.255	-0.948	-2.128	-3.348	-3.944	-3.251
1791	17.90	-0.855	3.216	8.422	13.808	18.259	20.834	21.081	19.202	16.002	12.621
1801	18.00	10.136	9.188	9.773	11.229	12.874	13.701	13.409	12.169	10.543	9.158
1811	18.10	8.366	8.052	7.711	6.722	4.700	1.725	-1.668	-4.735	-6.871	-7.880
1821	18.20	-8.004	-7.712	-7.363	-6.938	-6.013	-4.026	-0.684	3.686	8.072	11.082
1831	18.30	11.510	8.899	5.832	-2.226	-7.489	-10.563	-10.996	-9.400	-7.098	-5.469
1841	18.40	-5.316	-6.550	-8.363	-9.731	-10.020	-9.342	-8.485	-8.436	-9.762	-12.173
1851	18.50	-14.520	-15.247	-13.118	-7.848	-0.338	7.600	13.942	17.223	17.071	14.251
1861	18.60	10.253	6.613	4.318	3.524	3.689	3.984	3.184	2.987	1.861	0.711
1871	18.70	0.011	-0.353	-0.728	-1.492	-2.742	-4.136	-4.984	-4.577	-2.586	0.672
1881	18.80	4.250	6.888	7.507	5.671	1.801	-2.929	-7.001	-9.084	-8.500	-5.447
1891	18.90	-0.918	3.627	6.729	7.365	5.229	0.797	-4.831	-10.243	-14.108	-15.536
1901	19.00	-14.313	-10.952	-6.531	-2.368	0.389	1.112	-0.115	-2.551	-5.066	-6.540
1911	19.10	-6.249	-4.092	-0.591	3.325	6.660	8.683	9.126	8.200	6.443	4.481
1921	19.20	2.813	1.683	1.079	0.829	0.731	0.662	0.615	0.672	0.931	1.432
1931	19.30	2.114	2.826	3.386	3.658	3.615	3.366	3.117	3.084	3.390	3.992
1941	19.40	4.661	5.060	4.876	3.970	2.481	0.822	-0.628	-0.726	0.237	2.401
1951	19.50	5.332	8.354	10.758	12.010	11.891	10.507	8.196	5.376	2.411	-0.468
1961	19.60	-3.160	-5.637	-7.879	-9.839	-11.435	-12.583	-13.220	-13.319	-12.875	-11.902
1971	19.70	-10.441	-8.587	-6.529	-4.556	-3.010	-2.186	-2.205	-2.925	-3.939	-4.688
1981	19.80	-4.661	-3.612	-1.704	0.501	2.206	2.667	1.683	-1.210	-4.739	-8.077
1991	19.90	-10.183	-10.342	-8.610	-4.865	-0.639	3.183	5.717	6.530	5.730	3.863

Table 7—25—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) I= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.678	-0.142	-1.177	-1.543	-0.828	0.055	1.018	1.895	2.644	3.289
2011	20.10	3.851	4.305	4.599	4.711	4.696	4.695	4.883	5.376	6.154	7.041
2021	20.20	7.764	8.062	7.793	6.998	5.865	4.643	3.524	2.574	1.736	0.856
2031	20.30	-0.069	-1.146	-2.279	-3.377	-4.382	-5.295	-6.152	-6.953	-7.608	-7.938
2041	20.40	-7.745	-6.922	-5.550	-3.901	-2.351	-1.232	-0.686	-0.620	-0.765	-0.824
2051	20.50	-0.617	-0.138	0.505	1.232	2.120	3.425	5.470	8.378	11.906	15.371
2061	20.60	17.820	18.384	16.857	12.932	8.159	3.606	0.383	-0.996	-0.776	0.187
2071	20.70	0.853	0.478	-1.053	-3.210	-5.085	-5.841	-5.101	-3.114	-0.635	1.404
2081	20.80	2.274	1.695	-0.130	-2.689	-5.410	-7.877	-9.892	-11.432	-12.425	-12.858
2091	20.90	-12.596	-11.581	-9.935	-7.994	-6.224	-5.035	-4.576	-4.642	-4.735	-4.276
2101	21.00	-2.879	-0.568	2.292	4.955	6.765	7.325	6.656	5.164	3.440	2.016
2111	21.10	1.168	0.853	0.787	0.610	0.049	-0.984	-2.388	-3.944	-5.401	-6.538
2121	21.20	-7.184	-7.212	-6.536	-5.131	-3.074	-0.569	2.065	4.471	6.361	7.610
2131	21.30	8.297	8.661	8.888	9.168	9.423	9.419	8.865	7.567	5.569	3.080
2141	21.40	0.585	-1.512	-2.943	-3.672	-3.864	-3.759	-3.536	-3.229	-2.760	-2.055
2151	21.50	-1.194	-0.685	-0.409	-1.425	-3.704	-6.925	-10.242	-12.476	-12.497	-9.660
2161	21.60	-4.131	3.061	10.272	15.743	18.171	17.140	13.242	7.850	2.615	-1.114
2171	21.70	-2.722	-2.459	-1.226	-0.132	-0.012	-1.107	-3.038	-5.055	-6.431	-6.810
2181	21.80	-6.368	-5.587	-5.138	-5.336	-6.040	-6.079	-6.526	-5.064	-2.266	1.368
2191	21.90	4.906	7.542	8.751	8.578	7.552	6.475	5.987	6.414	7.658	9.344
2201	22.00	11.059	12.560	13.841	15.036	16.221	17.251	17.713	17.068	14.888	11.100
2211	22.10	6.091	0.628	-4.395	-8.262	-10.673	-11.804	-12.180	-12.420	-12.973	-13.953
2221	22.20	-15.123	-16.037	-16.246	-15.484	-13.773	-11.396	-8.776	-6.337	-4.355	-2.397
2231	22.30	-1.842	-0.969	-0.075	0.908	1.861	2.691	3.635	1.405	-0.662	-3.518
2241	22.40	-6.620	-9.271	-10.825	-10.914	-9.570	-7.226	-4.558	-2.249	-0.756	-0.186
2251	22.50	-0.315	-0.745	-1.103	-1.204	-1.092	-0.953	-0.962	-1.135	-1.285	-1.091
2261	22.60	-0.257	1.525	3.687	5.820	7.812	9.032	9.272	8.597	7.282	5.697
2271	22.70	4.181	2.961	2.143	1.737	1.691	1.909	2.232	2.463	2.349	1.705
2281	22.80	0.496	-1.084	-2.626	-3.607	-3.586	-2.986	-0.200	2.448	4.886	6.550
2291	22.90	7.206	7.043	6.594	6.504	7.250	8.930	11.196	13.368	14.672	14.501
2301	23.00	12.606	9.152	4.628	-0.313	-5.046	-9.093	-12.173	-14.178	-15.118	-15.076
2311	23.10	-14.186	-12.633	-10.653	-8.504	-6.421	-4.558	-2.950	-1.528	-0.167	1.234
2321	23.20	2.678	4.049	5.140	5.725	5.652	4.900	3.597	1.971	0.280	-1.272
2331	23.30	-2.588	-3.684	-4.651	-5.597	-6.580	-7.573	-8.467	-9.110	-9.368	-9.188
2341	23.40	-8.630	-7.852	-7.052	-6.376	-5.838	-5.280	-4.610	-2.903	-0.551	2.616
2351	23.50	6.269	9.842	12.687	14.277	14.385	13.157	11.053	8.672	6.551	4.991
2361	23.60	4.005	3.388	2.857	2.213	1.425	0.619	-0.003	-0.287	-0.194	0.189
2371	23.70	0.715	1.251	1.747	2.216	2.696	3.189	3.640	3.967	4.129	4.169
2381	23.80	4.210	4.377	4.691	4.992	4.960	4.248	2.664	0.335	-2.262	-4.433
2391	23.90	-5.516	-5.164	-3.509	-1.132	1.148	2.591	2.808	1.869	0.214	-1.590
2401	24.00	-3.112	-4.210	-5.023	-5.804	-6.719	-7.697	-8.449	-8.607	-7.929	-6.448
2411	24.10	-4.477	-2.486	-0.888	0.122	0.630	0.917	1.303	1.998	3.038	4.327
2421	24.20	5.747	7.231	8.766	10.297	11.606	12.261	11.691	9.407	5.255	-0.394
2431	24.30	-6.657	-12.363	-16.421	-18.186	-17.660	-15.444	-12.470	-9.625	-7.446	-6.009
2441	24.40	-5.032	-4.135	-3.094	-1.969	-1.042	-0.610	-0.766	-1.271	-1.624	-1.290
2451	24.50	0.030	2.200	4.655	6.594	7.309	6.474	4.297	1.442	-1.216	-2.926
2461	24.60	-3.311	-2.474	-0.893	0.802	2.087	2.715	2.775	2.554	2.403	2.559
2471	24.70	3.062	3.743	4.620	4.812	4.825	4.472	3.857	3.098	2.252	1.784
2481	24.80	0.088	-1.446	-3.362	-5.562	-7.790	-9.672	-10.801	-10.845	-9.666	-7.346
2491	24.90	-4.257	-0.933	2.017	4.046	4.799	4.188	2.406	-0.119	-2.816	-5.083

Table 7—25—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) I= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-6.401	-6.424	-5.065	-2.416	1.066	4.820	8.189	10.569	11.552	11.020
2511	25.10	9.476	6.485	3.569	0.935	-0.956	-1.965	-2.151	-1.700	-0.812	0.369
2521	25.20	1.766	3.308	4.847	6.114	6.755	6.499	5.216	3.138	0.803	-1.071
2531	25.30	-1.837	-1.174	0.744	3.268	5.467	6.454	5.707	3.271	-0.250	-3.895
2541	25.40	-6.676	-7.911	-7.439	-5.637	-3.259	-1.158	0.002	-0.051	-1.203	-2.955
2551	25.50	-4.719	-5.973	-6.418	-6.032	-5.010	-3.655	-2.254	-0.990	0.081	0.993
2561	25.60	1.808	2.554	3.196	3.656	3.853	3.755	3.400	2.885	2.313	1.754
2571	25.70	1.205	0.617	-0.065	-0.836	-1.598	-2.178	-2.396	-2.159	-1.539	-0.779
2581	25.80	-0.229	-0.221	-0.934	-2.311	-4.067	-5.784	-7.055	-7.623	-7.444	-6.675
2591	25.90	-5.574	-4.390	-3.271	-2.246	-1.267	-0.286	0.682	1.537	2.134	2.349
2601	26.00	2.148	1.605	0.889	0.195	-0.326	-0.308	-0.684	-0.649	-0.608	-0.625
2611	26.10	-0.693	-0.729	-0.594	-0.126	0.817	2.313	4.336	6.733	9.226	11.462
2621	26.20	13.088	13.854	13.697	12.773	11.422	10.057	9.036	8.536	8.511	8.717
2631	26.30	8.816	8.509	7.630	6.188	4.326	2.265	0.122	-1.930	-3.852	-5.589
2641	26.40	-7.045	-8.071	-8.510	-8.272	-7.402	-6.114	-4.734	-3.607	-2.966	-2.854
2651	26.50	-3.104	-3.411	-3.450	-2.995	-1.987	-0.534	1.151	2.843	4.371	5.635
2661	26.60	6.579	7.145	7.240	6.757	5.630	3.904	1.774	-0.439	-2.373	-3.743
2671	26.70	-4.438	-4.555	-4.346	-4.101	-4.031	-4.188	-4.671	-4.706	-4.763	-4.640
2681	26.80	-4.488	-4.544	-5.017	-5.977	-7.294	-8.666	-9.711	-10.099	-9.662	-8.446
2691	26.90	-6.689	-4.746	-2.994	-1.743	-1.176	-1.329	-2.093	-3.248	-4.504	-5.564
2701	27.00	-6.187	-6.246	-5.757	-4.872	-3.820	-2.834	-2.072	-1.579	-1.295	-1.102
2711	27.10	-0.891	-0.605	-0.250	0.129	0.483	0.789	1.049	1.269	1.447	1.577
2721	27.20	1.680	1.843	2.221	3.002	4.306	6.085	8.087	9.792	10.747	10.563
2731	27.30	9.171	6.864	4.210	1.849	0.262	-0.392	-0.297	0.150	0.536	0.628
2741	27.40	0.446	0.214	0.210	0.609	1.397	2.396	3.379	4.196	4.849	5.462
2751	27.50	6.174	7.022	7.873	8.465	8.520	7.886	6.620	4.979	3.318	1.949
2761	27.60	1.032	0.545	0.331	0.197	-0.011	-0.369	-0.896	-1.594	-2.470	-3.516
2771	27.70	-4.662	-5.742	-6.507	-6.706	-6.202	-5.071	-3.617	-2.290	-1.525	-1.576
2781	27.80	-2.411	-3.716	-5.015	-5.860	-5.883	-5.081	-3.803	-1.772	0.040	1.498
2791	27.90	2.349	2.465	1.764	0.425	-1.302	-3.021	-4.291	-4.756	-4.279	-3.020
2801	28.00	-1.412	-0.019	0.665	0.407	-0.671	-2.146	-3.665	-4.172	-4.072	-3.285
2811	28.10	-2.158	-1.091	-0.360	-0.020	0.082	0.195	0.521	1.119	1.889	2.651
2821	28.20	3.244	3.623	3.869	4.138	4.556	5.135	5.739	6.133	6.078	5.446
2831	28.30	4.283	2.813	1.357	0.224	-0.404	-0.535	-0.352	-0.138	-0.162	-0.576
2841	28.40	-1.355	-2.308	-3.155	-3.838	-3.612	-3.098	-2.257	-1.318	-0.476	0.177
2851	28.50	0.670	1.102	1.560	2.045	2.465	2.584	2.305	1.570	0.498	-0.663
2861	28.60	-1.622	-2.168	-2.262	-1.954	-1.516	-1.134	-0.972	-1.017	-1.205	-1.432
2871	28.70	-1.514	-1.699	-1.639	-1.352	-0.719	0.370	1.915	3.722	5.387	6.392
2881	28.80	6.281	6.865	2.347	-0.703	-3.526	-5.442	-6.095	-5.572	-4.332	-2.994
2891	28.90	-2.066	-1.757	-1.933	-2.233	-2.280	-1.861	-1.011	0.045	1.053	1.874
2901	29.00	2.568	3.343	4.419	5.874	7.558	9.116	10.125	10.257	9.419	7.787
2911	29.10	5.737	3.705	2.044	0.924	0.312	0.030	-0.156	-0.440	-0.912	-1.538
2921	29.20	-2.181	-2.653	-2.787	-2.498	-1.828	-0.946	-0.090	0.505	0.714	0.568
2931	29.30	0.246	-0.021	-0.076	0.058	0.151	-0.145	-1.132	-2.888	-5.169	-7.456
2941	29.40	-9.130	-9.708	-9.044	-7.387	-5.277	-3.321	-1.955	-1.295	-1.145	-1.137
2951	29.50	-0.960	-0.417	0.331	1.041	1.447	1.411	0.981	0.342	-0.294	-0.796
2961	29.60	-1.156	-1.455	-1.782	-2.148	-2.582	-2.887	-3.100	-3.245	-3.428	-3.245
2971	29.70	-4.190	-4.605	-4.723	-4.276	-3.130	-1.369	0.710	2.710	4.281	5.248
2981	29.80	5.651	5.669	5.607	5.591	5.713	5.965	6.321	6.792	7.425	8.235
2991	29.90	9.128	9.853	10.049	9.372	7.654	5.013	1.860	-1.225	-3.693	-5.219

Table 7—25—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-5.799	-5.717	-5.398	-5.213	-5.338	-5.707	-6.086	-6.196	-5.874	-5.122
3011	30.10	-4.106	-3.066	-2.213	-1.651	-1.349	-1.179	-0.974	-0.592	0.068	0.964
3021	30.20	2.116	3.437	4.835	6.208	7.444	8.427	9.050	9.235	8.942	8.188
3031	30.30	7.061	5.620	4.071	2.542	1.155	-0.033	-1.038	-1.953	-2.996	-4.008
3041	30.40	-5.297	-6.700	-8.044	-9.107	-9.699	-9.738	-9.283	-8.519	-7.686	-6.993
3051	30.50	-6.539	-6.293	-6.122	-5.850	-5.342	-4.567	-3.517	-2.377	-1.286	-0.390
3061	30.60	0.213	0.481	0.433	0.148	-0.248	-0.603	-0.766	-0.632	-0.176	0.545
3071	30.70	1.388	2.191	2.825	3.236	3.457	3.577	3.690	3.846	4.033	4.192
3081	30.80	4.264	4.227	4.117	3.999	3.930	3.912	3.883	3.743	3.405	2.858
3091	30.90	2.178	1.500	0.959	0.621	0.468	0.311	0.068	-0.456	-1.219	-2.146
3101	31.00	-3.075	-3.838	-4.327	-4.515	-4.453	-4.222	-3.893	-3.503	-3.055	-2.537
3111	31.10	-1.938	-1.251	-0.466	0.455	1.558	2.882	4.411	6.030	7.519	8.597
3121	31.20	9.004	8.605	7.450	5.787	3.983	2.408	1.307	0.723	0.497	0.356
3131	31.30	0.038	-0.588	-1.461	-2.357	-2.987	-3.125	-2.712	-1.884	-0.917	-0.112
3141	31.40	0.327	0.365	0.138	-0.141	-0.289	-0.261	-0.173	-0.249	-0.699	-1.601
3151	31.50	-2.829	-4.085	-5.002	-5.295	-4.885	-3.930	-2.768	-1.775	-1.224	-1.189
3161	31.60	-1.566	-2.056	-2.485	-2.704	-2.717	-2.620	-2.510	-2.406	-2.225	-1.829
3171	31.70	-1.107	-0.060	1.170	2.334	3.124	3.514	3.334	2.759	2.007	1.307
3181	31.80	0.828	0.648	0.774	1.163	1.753	2.466	3.193	3.795	4.118	4.049
3191	31.90	3.564	2.765	1.859	1.084	0.616	0.482	0.551	0.579	0.325	-0.344
3201	32.00	-1.385	-2.595	-3.696	-4.439	-4.699	-4.503	-3.994	-3.359	-2.756	-2.271
3211	32.10	-1.922	-1.694	-1.565	-1.516	-1.516	-1.500	-1.362	-0.986	-0.293	0.703
3221	32.20	1.874	3.009	3.878	4.323	4.311	3.962	3.406	2.905	2.587	2.509
3231	32.30	2.664	2.909	3.207	3.442	3.519	3.338	2.807	1.869	0.553	-0.995
3241	32.40	-2.523	-3.731	-4.369	-4.337	-3.726	-2.791	-1.857	-1.185	-0.883	-0.871
3251	32.50	-0.938	-0.860	-0.501	0.116	0.831	1.434	1.765	1.789	1.610	1.401
3261	32.60	1.318	1.417	1.630	1.811	1.813	1.571	1.139	0.662	0.302	0.155
3271	32.70	0.208	0.347	0.428	0.361	0.148	-0.013	0.002	0.352	1.036	1.891
3281	32.80	2.630	2.951	2.653	1.723	0.347	-1.161	-2.474	-3.326	-3.824	-3.951
3291	32.90	-3.982	-4.131	-4.503	-5.054	-5.613	-5.966	-5.945	-5.497	-4.702	-3.758
3301	33.00	-2.809	-2.072	-1.597	-1.357	-1.263	-1.213	-1.137	-1.022	-0.908	-0.864
3311	33.10	-0.961	-1.245	-1.718	-2.335	-3.009	-3.625	-4.059	-4.203	-3.988	-3.403
3321	33.20	-2.497	-1.372	-0.151	1.050	2.149	3.108	3.928	4.621	5.195	5.634
3331	33.30	5.909	5.993	5.883	5.616	5.264	4.914	4.641	4.488	4.454	4.507
3341	33.40	4.603	4.705	4.794	4.868	4.930	4.969	4.961	4.865	4.641	4.264
3351	33.50	3.736	3.091	2.386	1.687	1.056	0.535	0.140	-0.137	-0.323	-0.456
3361	33.60	-0.575	-0.796	-0.863	-1.044	-1.237	-1.426	-1.599	-1.749	-1.875	-1.975
3371	33.70	-2.047	-2.086	-2.089	-2.064	-2.027	-2.006	-2.024	-2.094	-2.205	-2.332
3381	33.80	-2.443	-2.520	-2.567	-2.608	-2.678	-2.799	-2.966	-3.138	-3.275	-3.338
3391	33.90	-3.322	-3.256	-3.188	-3.156	-3.163	-3.173	-3.126	-2.973	-2.705	-2.363
3401	34.00	-2.013	-1.716	-1.482	-1.258	-0.969	-0.469	0.215	1.045	1.893	2.605
3411	34.10	3.066	3.250	3.217	3.079	2.935	2.813	2.662	2.383	1.890	1.175
3421	34.20	0.326	-0.502	-1.156	-1.562	-1.754	-1.861	-2.037	-2.372	-2.842	-3.305
3431	34.30	-3.563	-3.459	-2.952	-2.138	-1.215	-0.383	0.241	0.679	1.069	1.591
3441	34.40	2.362	3.366	4.437	5.326	5.793	5.716	5.138	4.254	3.327	2.583
3451	34.50	2.130	1.919	1.782	1.514	0.962	0.094	-0.989	-2.092	-2.997	-3.536
3461	34.60	-3.644	-3.360	-2.804	-2.121	-1.427	-0.782	-0.185	0.408	1.048	1.758
3471	34.70	2.519	3.270	3.927	4.406	4.650	4.642	4.399	3.962	3.382	2.700
3481	34.80	1.944	1.133	0.284	-0.580	-1.451	-2.239	-2.988	-3.684	-4.362	-5.071
3491	34.90	-5.857	-6.738	-7.684	-8.614	-9.405	-9.930	-10.087	-9.838	-9.220	-8.337

Table 7—25—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-7.337	-6.360	-5.503	-4.786	-4.146	-3.462	-2.597	-1.445	0.023	1.739
3511	35.10	3.569	5.251	6.648	7.605	8.077	8.117	7.869	7.420	6.953	6.513
3521	35.20	6.106	5.696	5.244	4.734	4.194	3.687	3.280	3.020	2.908	2.900
3531	35.30	2.931	2.935	2.881	2.773	2.664	2.535	2.468	2.438	2.417	2.373
3541	35.40	2.289	2.175	2.060	1.979	1.945	1.944	1.934	1.868	1.715	1.475
3551	35.50	1.183	0.890	0.642	0.454	0.316	0.199	0.076	-0.057	-0.178	-0.260
3561	35.60	-0.287	-0.276	-0.280	-0.365	-0.581	-0.936	-1.383	-1.844	-2.242	-2.541
3571	35.70	-2.763	-2.975	-3.255	-3.643	-4.119	-4.605	-5.001	-5.238	-5.318	-5.311
3581	35.80	-5.326	-5.450	-5.690	-5.961	-6.104	-5.960	-5.436	-4.543	-3.411	-2.218
3591	35.90	-1.122	-0.196	0.588	1.329	2.134	3.050	4.037	4.977	5.738	6.232
3601	36.00	6.457	6.489	6.441	6.394	6.357	6.259	5.988	5.449	4.621	3.566
3611	36.10	2.408	1.277	0.261	-0.619	-1.395	-2.111	-2.782	-3.373	-3.814	-4.045
3621	36.20	-4.051	-3.885	-3.656	-3.473	-3.414	-3.481	-3.616	-3.728	-3.745	-3.645
3631	36.30	-3.456	-3.235	-3.051	-2.862	-2.713	-2.558	-2.387	-2.217	-2.081	-1.976
3641	36.40	-1.922	-1.773	-1.628	-0.791	0.146	1.276	2.395	3.272	3.733	3.737
3651	36.50	3.391	2.912	2.536	2.430	2.627	3.026	3.446	3.708	3.709	3.454
3661	36.60	3.043	2.613	2.278	2.090	2.032	2.049	2.087	2.131	2.204	2.350
3671	36.70	2.594	2.914	3.235	3.443	3.430	3.129	2.547	1.763	0.902	0.100
3681	36.80	-0.538	-0.965	-1.201	-1.315	-1.398	-1.527	-1.745	-2.044	-2.381	-2.676
3691	36.90	-2.942	-3.103	-3.199	-3.267	-3.331	-3.371	-3.316	-3.050	-2.500	-1.599
3701	37.00	-0.421	0.855	1.971	2.669	2.771	2.247	1.231	-0.020	-1.206	-2.088
3711	37.10	-2.553	-2.637	-2.692	-2.712	-2.253	-2.386	-2.687	-3.071	-3.445	-3.753
3721	37.20	-3.992	-4.190	-4.376	-4.543	-4.640	-4.594	-4.363	-3.881	-3.267	-2.609
3731	37.30	-2.025	-1.584	-1.291	-1.071	-0.810	-0.399	-0.214	1.008	1.891	2.734
3741	37.40	3.415	3.851	4.016	3.940	3.691	3.353	3.011	2.732	2.560	2.510
3751	37.50	2.568	2.625	2.839	2.955	3.009	3.002	2.952	2.879	2.789	2.663
3761	37.60	2.458	2.127	1.648	1.039	0.357	-0.325	-0.950	-1.500	-2.004	-2.510
3771	37.70	-3.048	-3.596	-4.070	-4.369	-4.326	-3.955	-3.282	-2.428	-1.546	-0.756
3781	37.80	-0.102	0.453	0.998	1.615	2.329	3.090	3.793	4.322	4.609	4.654
3791	37.90	4.522	4.303	4.071	3.856	3.639	3.382	3.059	2.672	2.248	1.809
3801	38.00	1.351	0.833	0.194	-0.603	-1.535	-2.510	-3.383	-4.015	-4.324	-4.320
3811	38.10	-4.095	-3.772	-3.448	-3.145	-2.809	-2.351	-1.709	-0.908	-0.072	0.613
3821	38.20	0.921	0.917	0.505	-0.081	-0.589	-0.787	-0.568	0.110	1.037	2.008
3831	38.30	2.806	3.287	3.410	3.237	2.886	2.487	2.136	1.879	1.712	1.599
3841	38.40	1.491	1.344	1.125	0.818	0.416	-0.071	-0.623	-1.204	-1.765	-2.257
3851	38.50	-2.636	-2.879	-2.987	-2.985	-2.913	-2.810	-2.697	-2.575	-2.426	-2.216
3861	38.60	-1.933	-1.577	-1.177	-0.770	-0.394	-0.064	0.228	0.508	0.795	1.084
3871	38.70	1.336	1.477	1.451	1.233	0.863	0.454	0.153	0.101	0.373	0.950
3881	38.80	1.715	2.492	3.105	3.428	3.419	3.122	2.635	2.067	1.506	0.997
3891	38.90	0.547	0.146	-0.220	-0.557	-0.865	-1.146	-1.413	-1.681	-1.964	-2.257
3901	39.00	-2.541	-2.788	-2.980	-3.120	-3.237	-3.368	-3.535	-3.721	-3.861	-3.865
3911	39.10	-3.650	-3.188	-2.526	-1.777	-1.098	-0.618	-0.395	-0.388	-0.470	-0.469
3921	39.20	-0.225	0.355	1.272	2.439	3.713	4.928	5.943	6.656	7.022	7.044
3931	39.30	6.763	6.251	5.592	4.869	4.155	3.488	2.891	2.355	1.864	1.409
3941	39.40	1.000	0.663	0.428	0.306	0.276	0.271	0.212	0.016	-0.360	-0.902
3951	39.50	-1.535	-2.149	-2.632	-2.905	-2.969	-2.807	-2.568	-2.340	-2.218	-2.259
3961	39.60	-2.475	-2.831	-3.260	-3.679	-4.007	-4.180	-4.167	-3.971	-3.627	-3.192
3971	39.70	-2.731	-2.296	-1.911	-1.587	-1.311	-1.071	-0.861	-0.689	-0.566	-0.503
3981	39.80	-0.489	-0.499	-0.496	-0.448	-0.365	-0.205	-0.063	0.040	0.080	0.066
3991	39.90	0.028	0.005	0.025	0.090	0.178	0.265	0.344	0.441	0.616	0.932

Table 7--25—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.426	2.077	2.805	3.488	4.011	4.303	4.363	4.253	4.057	3.839
4011	40.10	3.603	3.301	2.856	2.216	1.400	0.504	-0.319	-0.924	-1.229	-1.256
4021	40.20	-1.117	-0.967	-0.933	-1.056	-1.276	-1.462	-1.474	-1.238	-0.783	-0.235
4031	40.30	0.230	0.458	0.376	0.017	-0.506	-1.049	-1.496	-1.798	-1.975	-2.083
4041	40.40	-2.161	-2.296	-2.418	-2.523	-2.597	-2.658	-2.748	-2.910	-3.149	-3.416
4051	40.50	-3.606	-3.605	-3.329	-2.772	-2.008	-1.165	-0.368	0.316	0.905	1.488
4061	40.60	2.168	3.004	3.957	4.897	5.637	6.016	5.967	5.548	4.927	4.310
4071	40.70	3.868	3.664	3.442	3.666	3.585	3.515	2.870	2.355	1.916	1.656
4081	40.80	1.585	1.622	1.619	1.432	0.995	0.350	-0.366	-0.979	-1.350	-1.429
4091	40.90	-1.275	-1.023	-0.827	-0.796	-0.962	-1.277	-1.648	-1.983	-2.233	-2.400
4101	41.00	-2.521	-2.633	-2.749	-2.844	-2.872	-2.794	-2.614	-2.385	-2.197	-2.139
4111	41.10	-2.259	-2.532	-2.867	-3.127	-3.185	-2.967	-2.486	-1.838	-1.175	-0.645
4121	41.20	-0.357	-0.328	-0.486	-0.691	-0.782	-0.626	-0.167	0.563	1.449	2.327
4131	41.30	3.057	3.460	3.554	3.352	2.938	2.420	1.883	1.378	0.909	0.457
4141	41.40	-0.002	-0.474	-0.944	-1.382	-1.760	-2.071	-2.326	-2.545	-2.740	-2.895
4151	41.50	-2.962	-2.878	-2.591	-2.090	-1.417	-0.664	0.056	0.649	1.070	1.333
4161	41.60	1.503	1.662	1.873	2.158	2.490	2.809	3.051	3.169	3.152	3.019
4171	41.70	2.811	2.566	2.315	2.069	1.833	1.604	1.380	1.166	0.965	0.783
4181	41.80	0.624	0.492	0.391	0.319	0.265	0.206	0.110	-0.060	-0.322	-0.665
4191	41.90	-1.044	-1.388	-1.625	-1.715	-1.667	-1.546	-1.449	-1.471	-1.658	-1.990
4201	42.00	-2.387	-2.734	-2.934	-2.943	-2.787	-2.546	-2.322	-2.186	-2.160	-2.206
4211	42.10	-2.254	-2.233	-2.111	-1.899	-1.648	-1.418	-1.251	-1.155	-1.103	-1.054
4221	42.20	-0.971	-0.836	-0.653	-0.436	-0.191	0.087	0.417	0.819	1.297	1.837
4231	42.30	2.401	2.965	3.428	3.817	4.091	4.229	4.211	4.015	3.636	3.100
4241	42.40	2.470	1.845	1.331	1.007	0.898	0.965	1.124	1.277	1.363	1.375
4251	42.50	1.365	1.405	1.558	1.831	2.170	2.480	2.669	2.688	2.552	2.334
4261	42.60	2.125	1.988	1.928	1.886	1.764	1.469	0.960	0.269	-0.510	-1.249
4271	42.70	-1.828	-2.174	-2.276	-2.177	-1.951	-1.675	-1.408	-1.182	-0.996	-0.834
4281	42.80	-0.667	-0.470	-0.227	0.060	0.371	0.670	0.913	1.065	1.112	1.071
4291	42.90	0.983	0.898	0.854	0.859	0.884	0.877	0.785	0.572	0.249	-0.142
4301	43.00	-0.560	-0.891	-1.166	-1.367	-1.516	-1.635	-1.727	-1.775	-1.753	-1.643
4311	43.10	-1.460	-1.251	-1.086	-1.034	-1.135	-1.385	-1.743	-2.143	-2.528	-2.861
4321	43.20	-3.137	-3.366	-3.562	-3.723	-3.832	-3.863	-3.796	-3.636	-3.411	-3.166
4331	43.30	-2.943	-2.768	-2.637	-2.526	-2.400	-2.229	-1.994	-1.692	-1.326	-0.898
4341	43.40	-0.406	0.154	0.781	1.460	2.161	2.851	3.500	4.091	4.624	5.106
4351	43.50	5.536	5.896	6.153	6.262	6.189	5.926	5.495	4.962	4.324	3.689
4361	43.60	3.073	2.504	2.010	1.635	1.430	1.434	1.651	2.024	2.432	2.723
4371	43.70	2.760	2.472	1.888	1.128	0.359	-0.268	-0.677	-0.894	-1.029	-1.217
4381	43.80	-1.564	-2.097	-2.768	-3.481	-4.155	-4.761	-5.330	-5.927	-6.593	-7.303
4391	43.90	-7.950	-8.378	-8.447	-8.097	-7.384	-6.469	-5.560	-4.832	-4.369	-4.137
4401	44.00	-4.015	-3.854	-3.547	-3.064	-2.460	-1.836	-1.292	-0.885	-0.614	-0.427
4411	44.10	-0.257	-0.042	0.254	0.640	1.111	1.655	2.254	2.881	3.493	4.036
4421	44.20	4.454	4.706	4.781	4.701	4.511	4.261	3.992	3.720	3.450	3.179
4431	44.30	2.907	2.638	2.365	2.066	1.696	1.205	0.560	-0.220	-1.057	-1.822
4441	44.40	-2.374	-2.605	-2.465	-2.068	-1.476	-0.851	-0.303	0.122	0.443	0.721
4451	44.50	1.014	1.343	1.683	1.976	2.166	2.232	2.203	2.149	2.148	2.252
4461	44.60	2.457	2.703	2.896	2.947	2.801	2.468	2.013	1.532	1.115	0.814
4471	44.70	0.625	0.494	0.362	0.103	-0.250	-0.686	-1.127	-1.474	-1.646	-1.609
4481	44.80	-1.592	-1.079	-0.777	-0.579	-0.533	-0.628	-0.797	-0.951	-1.004	-0.907
4491	44.90	-0.656	-0.288	0.140	0.571	0.967	1.314	1.617	1.892	2.152	2.400

Table 7--25—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.623	2.801	2.910	2.930	2.857	2.702	2.490	2.256	2.026	1.813
4511	45.10	1.608	1.384	1.111	0.769	0.363	-0.077	-0.506	-0.888	-1.216	-1.514
4521	45.20	-1.830	-2.209	-2.663	-3.163	-3.638	-4.008	-4.221	-4.277	-4.233	-4.179
4531	45.30	-4.195	-4.315	-4.508	-4.700	-4.809	-4.787	-4.647	-4.459	-4.313	-4.276
4541	45.40	-4.367	-4.472	-4.542	-4.451	-4.131	-3.577	-2.839	-1.997	-1.130	-0.289
4551	45.50	0.511	1.278	2.027	2.770	3.510	4.240	4.953	5.636	6.268	6.812
4561	45.60	7.216	7.429	7.412	7.166	6.737	6.205	5.668	5.206	4.861	4.633
4571	45.70	4.490	4.386	4.283	4.157	3.993	3.776	3.482	3.082	2.552	1.890
4581	45.80	1.133	0.348	-0.381	-0.975	-1.386	-1.607	-1.668	-1.624	-1.530	-1.435
4591	45.90	-1.367	-1.338	-1.347	-1.390	-1.460	-1.553	-1.667	-1.804	-1.966	-2.159
4601	46.00	-2.378	-2.611	-2.834	-3.021	-3.149	-3.218	-3.254	-3.299	-3.396	-3.570
4611	46.10	-3.803	-4.044	-4.221	-4.277	-4.192	-4.001	-3.775	-3.593	-3.506	-3.515
4621	46.20	-3.570	-3.598	-3.540	-3.376	-3.138	-2.886	-2.680	-2.567	-2.470	-2.403
4631	46.30	-2.301	-2.148	-1.975	-1.838	-1.788	-1.832	-1.910	-1.910	-1.703	-1.200
4641	46.40	-0.394	0.627	1.707	2.669	3.379	3.785	3.921	3.888	3.805	3.760
4651	46.50	3.789	3.872	3.961	4.007	3.993	3.936	3.879	3.864	3.914	4.020
4661	46.60	4.166	4.251	4.306	4.308	4.276	4.237	4.212	4.198	4.172	4.096
4671	46.70	3.937	3.769	3.328	2.905	2.433	1.930	1.401	0.850	0.292	-0.241
4681	46.80	-0.698	-1.028	-1.198	-1.215	-1.130	-1.022	-0.972	-1.032	-1.206	-1.450
4691	46.90	-1.693	-1.872	-1.958	-1.964	-1.937	-1.930	-1.972	-2.058	-2.145	-2.184
4701	47.00	-2.160	-2.015	-1.852	-1.713	-1.653	-1.697	-1.832	-2.012	-2.181	-2.296
4711	47.10	-2.341	-2.327	-2.280	-2.218	-2.148	-2.061	-1.952	-1.783	-1.595	-1.407
4721	47.20	-1.249	-1.142	-1.086	-1.056	-1.011	-0.911	-0.730	-0.473	-0.171	0.127
4731	47.30	0.364	0.497	0.502	0.384	0.169	-0.097	-0.363	-0.586	-0.742	-0.830
4741	47.40	-0.875	-0.916	-0.992	-1.124	-1.305	-1.500	-1.652	-1.706	-1.623	-1.398
4751	47.50	-1.056	-0.646	-0.218	0.189	0.560	0.891	1.189	1.451	1.661	1.798
4761	47.60	1.867	1.811	1.722	1.629	1.585	1.622	1.734	1.882	1.999	2.022
4771	47.70	1.916	1.680	1.367	1.046	0.738	0.465	0.638	0.756	0.967	1.230
4781	47.80	1.509	1.772	1.996	2.167	2.281	2.345	2.375	2.395	2.424	2.463
4791	47.90	2.496	2.490	2.417	2.269	2.079	1.913	1.852	1.954	2.223	2.585
4801	48.00	2.907	3.031	2.836	2.268	1.384	0.318	-0.757	-1.685	-2.376	-2.817
4811	48.10	-3.063	-3.202	-3.310	-3.425	-3.545	-3.640	-3.676	-3.638	-3.535	-3.393
4821	48.20	-3.239	-3.094	-2.961	-2.836	-2.714	-2.602	-2.512	-2.459	-2.453	-2.483
4831	48.30	-2.528	-2.556	-2.539	-2.458	-2.314	-2.119	-1.895	-1.664	-1.445	-1.247
4841	48.40	-1.074	-0.919	-0.762	-0.578	-0.339	-0.023	0.372	0.827	1.299	1.735
4851	48.50	2.087	2.331	2.472	2.545	2.598	2.674	2.795	2.952	3.111	3.226
4861	48.60	3.250	3.155	2.930	2.590	2.162	1.684	1.195	0.729	0.313	-0.038
4871	48.70	-0.323	-0.565	-0.713	-0.836	-0.917	-0.959	-0.966	-0.959	-0.930	-0.928
4881	48.80	-0.958	-1.016	-1.076	-1.097	-1.042	-0.890	-0.652	-0.385	-0.069	0.208
4891	48.90	0.476	0.773	1.144	1.608	2.131	2.615	2.932	2.968	2.674	2.098
4901	49.00	1.376	0.685	0.182	-0.057	-0.054	0.084	0.228	0.280	0.219	0.102
4911	49.10	0.029	0.089	0.312	0.653	1.015	1.296	1.437	1.451	1.416	1.439
4921	49.20	1.599	1.911	2.314	2.691	2.911	2.878	2.557	1.932	1.237	0.620
4931	49.30	-0.383	-1.118	-1.765	-2.323	-2.800	-3.202	-3.529	-3.777	-3.950	-4.059
4961	49.40	-4.122	-4.160	-4.184	-4.194	-4.190	-4.079	-3.885	-3.554	-3.072	-2.450
4951	49.50	-1.728	-0.969	-0.246	0.374	0.843	1.166	1.295	1.328	1.293	1.231
4961	49.60	1.173	1.134	1.121	1.133	1.170	1.235	1.326	1.435	1.545	1.635
4971	49.70	1.682	1.671	1.598	1.469	1.298	1.097	0.879	0.651	0.423	0.203
4981	49.80	-0.000	-0.183	-0.354	-0.536	-0.761	-1.060	-1.444	-1.895	-2.368	-2.796
4991	49.90	-3.114	-3.278	-3.280	-3.144	-2.917	-2.646	-2.359	-2.063	-1.743	-1.380

Table 7—25—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1118 101-GR-1-63 TR. (KA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
5001	50.00	-0.960	-0.487	0.020	0.533	1.025	1.475	1.865	2.177	2.394	2.496
5011	50.10	2.473	2.334	2.109	1.843	1.588	1.381	1.238	1.147	1.089	1.042
5021	50.20	1.002	0.978	0.984	1.024	1.077	1.103	1.053	0.896	0.635	0.309
5031	50.30	-0.021	-0.297	-0.490	-0.613	-0.706	-0.821	-0.985	-1.192	-1.398	-1.569
5041	50.40	-1.604	-1.558	-1.443	-1.314	-1.216	-1.167	-1.143	-1.091	-0.956	-0.701
5051	50.50	-0.328	0.126	0.600	1.033	1.380	1.619	1.751	1.792	1.762	1.684
5061	50.60	1.576	1.457	1.341	1.236	1.135	1.037	0.933	0.820	0.703	0.589
5071	50.70	0.485	0.378	0.252	0.081	-0.149	-0.430	-0.724	-0.977	-1.165	-1.215
5081	50.80	-1.219	-1.226	-1.315	-1.535	-1.881	-2.291	-2.662	-2.896	-2.934	-2.776
5091	50.90	-2.474	-2.109	-1.754	-1.448	-1.190	-0.949	-0.687	-0.374	0.005	0.450
5101	51.00	0.969	1.477	1.992	2.432	2.723	2.801	2.643	2.294	1.864	1.503
5111	51.10	1.337	1.417	1.679	1.964	2.078	1.875	1.528	0.567	-0.253	-0.864
5121	51.20	-1.072	-0.918	-0.502	-0.014	0.354	0.495	0.415	0.205	-0.015	-0.164
5131	51.30	-0.231	-0.269	-0.367	-0.510	-0.744	-0.987	-1.168	-1.250	-1.253	-1.247
5141	51.40	-1.313	-1.495	-1.776	-2.081	-2.309	-2.383	-2.280	-2.039	-1.727	-1.404
5151	51.50	-1.089	-0.752	-0.337	0.199	0.855	1.570	2.249	2.794	3.142	3.289
5161	51.60	3.281	3.186	3.067	2.953	2.838	2.692	2.487	2.214	1.886	1.538
5171	51.70	1.206	0.914	0.671	0.469	0.290	0.114	-0.077	-0.297	-0.557	-0.861
5181	51.80	-1.202	-1.563	-1.917	-2.236	-2.502	-2.712	-2.884	-3.041	-3.201	-3.360
5191	51.90	-3.487	-3.533	-3.448	-3.201	-2.797	-2.278	-1.703	-1.135	-0.617	-0.165
5201	52.00	0.226	0.571	0.878	1.142	1.350	1.490	1.567	1.606	1.646	1.723
5211	52.10	1.857	2.036	2.218	2.369	2.418	2.380	2.263	2.106	1.955	1.843
5221	52.20	1.727	1.741	1.710	1.659	1.578	1.478	1.375	1.284	1.212	1.166
5231	52.30	1.093	0.979	0.867	0.756	0.675	0.640	0.665	0.729	0.803	0.850
5241	52.40	0.852	0.831	0.753	0.709	0.703	0.734	0.774	0.779	0.708	0.565
5251	52.50	0.306	0.037	-0.203	-0.367	-0.436	-0.428	-0.384	-0.354	-0.372	-0.439
5261	52.60	-0.530	-0.601	-0.612	-0.545	-0.415	-0.263	-0.142	-0.101	-0.163	-0.324
5271	52.70	-0.552	-0.806	-1.066	-1.249	-1.413	-1.559	-1.712	-1.896	-2.122	-2.378
5281	52.80	-2.639	-2.871	-3.044	-3.144	-3.176	-3.164	-3.134	-3.111	-3.101	-3.093
5291	52.90	-3.062	-2.982	-2.836	-2.625	-2.368	-2.093	-1.822	-1.565	-1.314	-1.053
5301	53.00	-0.770	-0.463	-0.145	0.161	0.438	0.683	0.913	1.152	1.422	1.720
5311	53.10	2.014	2.252	2.380	2.370	2.233	2.023	1.816	1.683	1.640	1.735
5321	53.20	1.855	1.948	1.955	1.853	1.663	1.434	1.222	1.061	0.959	0.894
5331	53.30	0.832	0.745	0.624	0.480	0.330	0.190	0.065	-0.055	-0.180	-0.314
5341	53.40	-0.448	-0.564	-0.645	-0.686	-0.702	-0.721	-0.772	-0.872	-1.015	-1.174
5351	53.50	-1.316	-1.411	-1.452	-1.453	-1.444	-1.455	-1.503	-1.586	-1.686	-1.776
5361	53.60	-1.834	-1.849	-1.820	-1.753	-1.651	-1.515	-1.344	-1.137	-0.898	-0.639
5371	53.70	-0.377	-0.127	0.100	0.305	0.495	0.681	0.873	1.082	1.312	1.572
5381	53.80	1.863	2.185	2.528	2.869	3.173	3.402	3.523	3.515	3.378	3.131
5391	53.90	2.808	2.443	2.072	1.722	1.410	1.149	0.944	0.793	0.683	0.590
5401	54.00	0.486	0.365	0.157	-0.071	-0.308	-0.518	-0.667	-0.742	-0.756	-0.762
5411	54.10	-0.740	-0.778	-0.863	-0.975	-1.085	-1.164	-1.204	-1.219	-1.239	-1.294
5421	54.20	-1.396	-1.528	-1.656	-1.733	-1.732	-1.669	-1.516	-1.323	-1.270	-1.225
5431	54.30	-1.228	-1.244	-1.226	-1.163	-0.989	-0.783	-0.564	-0.365	-0.206	-0.083
5441	54.40	0.021	0.121	0.221	0.305	0.354	0.353	0.310	0.256	0.236	0.281
5451	54.50	0.400	0.562	0.714	0.800	0.792	0.700	0.569	0.455	0.393	0.381
5461	54.60	0.379	0.328	0.191	-0.023	-0.253	-0.405	-0.396	-0.187	0.190	0.643
5471	54.70	1.059	1.342	1.456	1.417	1.299	1.171	1.083	1.042	1.023	0.992
5481	54.80	0.931	0.845	0.757	0.695	0.669	0.674	0.696	0.736	0.814	0.968
5491	54.90	1.233	1.607	2.043	2.446	2.712	2.766	2.596	2.261	1.870	1.532

Table 7—24—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
5501	55.00	1.316	1.224	1.204	1.177	1.083	0.909	0.685	0.466	0.296	0.182
5511	55.10	0.091	-0.026	-0.214	-0.482	-0.806	-1.141	-1.446	-1.705	-1.930	-2.150
5521	55.20	-2.385	-2.633	-2.868	-3.049	-3.143	-3.140	-3.045	-2.873	-2.629	-2.304
5531	55.30	-1.882	-1.362	-0.777	-0.197	0.281	0.575	0.647	0.529	0.311	0.110
5541	55.40	0.022	0.086	0.275	0.512	0.709	0.810	0.803	0.725	0.629	0.557
5551	55.50	0.519	0.493	0.444	0.345	0.197	0.027	-0.124	-0.226	-0.278	-0.304
5561	55.60	-0.341	-0.422	-0.555	-0.719	-0.876	-0.989	-1.039	-1.035	-1.008	-1.000
5571	55.70	-1.044	-1.159	-1.339	-1.564	-1.806	-2.036	-2.228	-2.362	-2.421	-2.395
5581	55.80	-2.282	-2.096	-1.862	-1.616	-1.395	-1.221	-1.098	-1.006	-0.912	-0.777
5591	55.90	-0.579	-0.317	-0.018	0.282	0.533	0.708	0.798	0.819	0.802	0.779
5601	56.00	0.776	0.802	0.858	0.938	1.045	1.186	1.372	1.607	1.877	2.147
5611	56.10	2.376	2.521	2.568	2.532	2.456	2.397	2.397	2.470	2.595	2.728
5621	56.20	2.822	2.845	2.792	2.673	2.497	2.257	1.927	1.472	0.880	0.181
5631	56.30	-0.547	-1.195	-1.680	-1.887	-1.892	-1.757	-1.592	-1.491	-1.493	-1.570
5641	56.40	-1.653	-1.671	-1.597	-1.465	-1.346	-1.316	-1.404	-1.571	-1.729	-1.775
5651	56.50	-1.658	-1.604	-1.519	-0.941	-0.980	-1.261	-1.705	-2.159	-2.460	-2.501
5661	56.60	-2.273	-1.864	-1.414	-1.047	-0.824	-0.757	-0.641	-0.500	-0.240	0.124
5671	56.70	0.513	0.833	1.013	1.047	0.986	0.917	0.912	1.000	1.153	1.311
5681	56.80	1.414	1.445	1.425	1.427	1.512	1.712	2.001	2.308	2.546	2.651
5691	56.90	2.614	2.476	2.314	2.197	2.164	2.203	2.269	2.308	2.289	2.213
5701	57.00	2.110	2.016	1.966	1.884	1.790	1.622	1.360	1.024	0.666	0.341
5711	57.10	0.087	-0.102	-0.271	-0.478	-0.762	-1.122	-1.510	-1.858	-2.112	-2.263
5721	57.20	-2.355	-2.443	-2.449	-2.428	-3.243	-3.485	-3.536	-3.523	-2.860	-2.247
5731	57.30	-1.642	-1.195	-0.999	-1.053	-1.272	-1.527	-1.703	-1.737	-1.633	-1.448
5741	57.40	-1.252	-1.090	-0.965	-0.843	-0.679	-0.448	-0.161	0.137	0.389	0.552
5751	57.50	0.616	0.609	0.580	0.574	0.615	0.698	0.796	0.882	0.940	0.979
5761	57.60	1.022	1.092	1.201	1.336	1.471	1.577	1.634	1.665	1.629	1.609
5771	57.70	1.599	1.599	1.595	1.568	1.514	1.445	1.392	1.383	1.432	1.522
5781	57.80	1.601	1.601	1.457	1.131	0.630	-0.003	-0.697	-1.379	-1.990	-2.496
5791	57.90	-2.885	-3.156	-3.309	-3.349	-3.284	-3.137	-2.948	-2.770	-2.653	-2.617
5801	58.00	-2.645	-2.681	-2.645	-2.471	-2.152	-1.658	-1.127	-0.639	-0.278	-0.080
5811	58.10	-0.026	-0.050	-0.074	-0.039	0.073	0.241	0.418	0.561	0.655	0.711
5821	58.20	0.764	0.848	0.975	1.132	1.289	1.415	1.500	1.557	1.622	1.729
5831	58.30	1.894	2.107	2.332	2.525	2.659	2.730	2.765	2.796	2.847	2.908
5841	58.40	2.935	2.865	2.642	2.244	1.763	1.098	0.536	0.109	-0.132	-0.196
5851	58.50	-0.157	-0.073	-0.052	-0.118	-0.251	-0.388	-0.458	-0.417	-0.276	-0.103
5861	58.60	0.006	-0.040	-0.277	-0.676	-1.145	-1.567	-1.845	-1.941	-1.885	-1.754
5871	58.70	-1.636	-1.585	-1.601	-1.633	-1.611	-1.489	-1.265	-0.987	-0.725	-0.533
5881	58.80	-0.419	-0.339	-0.221	0.001	0.343	0.763	1.174	1.481	1.627	1.609
5891	58.90	1.484	1.330	1.213	1.156	1.134	1.093	0.986	0.793	0.537	0.267
5901	59.00	0.039	-0.112	-0.177	-0.166	-0.098	0.015	0.165	0.335	0.492	0.581
5911	59.10	0.560	0.330	-0.041	-0.508	-0.971	-1.324	-1.505	-1.518	-1.429	-1.334
5921	59.20	-1.315	-1.397	-1.560	-1.661	-1.675	-1.561	-1.278	-0.958	-0.692	-0.486
5931	59.30	-0.420	-0.438	-0.481	-0.492	-0.450	-0.369	-0.290	-0.251	-0.265	-0.313
5941	59.40	-0.356	-0.354	-0.289	-0.172	-0.040	0.066	0.114	0.099	0.038	-0.044
5951	59.50	-0.109	-0.135	-0.113	-0.043	0.066	0.203	0.357	0.519	0.688	0.864
5961	59.60	1.051	1.251	1.453	1.630	1.743	1.753	1.635	1.395	1.079	0.756
5971	59.70	0.495	0.337	0.272	0.244	0.168	-0.028	-0.376	-0.848	-1.370	-1.851
5981	59.80	-2.221	-2.449	-2.552	-2.574	-2.554	-2.510	-2.428	-2.282	-2.056	-1.757
5991	59.90	-1.424	-1.108	-0.847	-0.651	-0.496	-0.345	-0.161	0.050	0.258	0.410

Table 7—21—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.466	0.316	0.291	0.168	0.044	0.009	0.036	0.088	0.125	0.125
6011	60.10	0.100	0.085	0.120	0.219	0.366	0.520	0.637	0.700	0.733	0.791
6021	60.20	0.932	1.185	1.529	1.899	2.206	2.385	2.419	2.347	2.245	2.186
6031	60.30	2.199	2.263	2.309	2.263	2.084	1.785	1.432	1.110	0.883	0.765
6041	60.40	0.712	0.650	0.513	0.278	-0.025	-0.327	-0.560	-0.689	-0.734	-0.754
6051	60.50	-0.815	-0.952	-1.148	-1.344	-1.470	-1.489	-1.418	-1.329	-1.307	-1.405
6061	60.60	-1.610	-1.833	-1.967	-1.840	-1.470	-0.881	-0.197	0.439	0.915	1.195
6071	60.70	1.320	1.377	1.442	1.543	1.646	1.678	1.569	1.299	0.911	0.497
6081	60.80	0.156	-0.050	-0.124	-0.122	-0.126	-0.195	-0.339	-0.515	-0.652	-0.687
6091	60.90	-0.604	-0.432	-0.237	-0.084	-0.003	0.019	0.031	0.093	0.229	0.438
6101	61.00	0.670	0.860	0.959	0.950	0.861	0.749	0.679	0.698	0.822	1.031
6111	61.10	1.281	1.514	1.673	1.716	1.620	1.387	1.043	0.636	0.224	-0.135
6121	61.20	-0.397	-0.546	-0.595	-0.583	-0.557	-0.559	-0.615	-0.727	-0.880	-1.053
6131	61.30	-1.228	-1.392	-1.539	-1.664	-1.759	-1.811	-1.808	-1.743	-1.623	-1.465
6141	61.40	-1.291	-1.121	-0.966	-0.825	-0.691	-0.556	-0.422	-0.301	-0.208	-0.155
6151	61.50	-0.141	-0.150	-0.154	-0.127	-0.057	0.043	0.144	0.203	0.186	0.082
6161	61.60	-0.092	-0.297	-0.484	-0.619	-0.694	-0.733	-0.781	-0.884	-1.070	-1.335
6171	61.70	-1.641	-1.930	-2.147	-2.253	-2.244	-2.145	-1.996	-1.842	-1.712	-1.618
6181	61.80	-1.553	-1.500	-1.441	-1.364	-1.263	-1.135	-0.980	-0.801	-0.602	-0.391
6191	61.90	-0.183	0.010	0.182	0.333	0.473	0.615	0.767	0.928	1.084	1.221
6201	62.00	1.327	1.407	1.480	1.576	1.716	1.907	2.138	2.376	2.585	2.739
6211	62.10	2.835	2.888	2.924	2.967	3.021	3.076	3.107	3.086	2.998	2.840
6221	62.20	2.622	2.364	2.086	1.808	1.545	1.313	1.119	0.966	0.839	0.712
6231	62.30	0.548	0.319	0.015	-0.344	-0.709	-1.023	-1.238	-1.339	-1.348	-1.312
6241	62.40	-1.288	-1.311	-1.384	-1.478	-1.552	-1.570	-1.526	-1.437	-1.342	-1.271
6251	62.50	-1.237	-1.230	-1.223	-1.190	-1.125	-1.038	-0.955	-0.895	-0.864	-0.847
6261	62.60	-0.820	-0.766	-0.685	-0.603	-0.551	-0.558	-0.627	-0.739	-0.856	-0.947
6271	62.70	-1.001	-1.034	-1.079	-1.162	-1.288	-1.426	-1.524	-1.528	-1.410	-1.183
6281	62.80	-0.900	-0.630	-0.435	-0.344	-0.341	-0.382	-0.412	-0.390	-0.304	-0.171
6291	62.90	-0.024	0.108	0.210	0.289	0.362	0.448	0.559	0.692	0.837	0.982
6301	63.00	1.122	1.256	1.391	1.535	1.691	1.860	2.043	2.235	2.434	2.633
6311	63.10	2.818	2.974	3.083	3.135	3.133	3.092	3.030	2.961	2.883	2.776
6321	63.20	2.599	2.332	1.968	1.537	1.099	0.726	0.474	0.364	0.368	0.422
6331	63.30	0.451	0.395	0.231	-0.026	-0.330	-0.633	-0.902	-1.127	-1.319	-1.495
6341	63.40	-1.664	-1.821	-1.956	-2.062	-2.145	-2.229	-2.362	-2.498	-2.679	-2.841
6351	63.50	-2.920	-2.861	-2.643	-2.293	-1.875	-1.467	-1.134	-0.897	-0.760	-0.615
6361	63.60	-0.476	-0.296	-0.082	0.139	0.337	0.501	0.646	0.803	0.997	1.226
6371	63.70	1.455	1.630	1.696	1.634	1.469	1.266	1.099	1.018	1.025	1.057
6381	63.80	1.060	0.925	0.626	0.182	-0.335	-0.833	-1.232	-1.495	-1.633	-1.689
6391	63.90	-1.718	-1.753	-1.796	-1.821	-1.791	-1.681	-1.493	-1.257	-1.022	-0.839
6401	64.00	-0.740	-0.729	-0.783	-0.858	-0.908	-0.895	-0.803	-0.640	-0.438	-0.234
6411	64.10	-0.066	0.044	0.096	0.110	0.114	0.135	0.185	0.257	0.332	0.387
6421	64.20	0.415	0.416	0.417	0.434	0.472	0.511	0.515	0.444	0.284	0.052
6431	64.30	-0.199	-0.400	-0.498	-0.473	-0.353	-0.199	-0.071	-0.005	0.007	0.013
6441	64.40	0.068	0.209	0.428	0.671	0.861	0.930	0.856	0.666	0.430	0.230
6451	64.50	0.120	0.115	0.184	0.274	0.335	0.344	0.312	0.267	0.240	0.243
6461	64.60	0.265	0.278	0.252	0.178	0.064	-0.058	-0.157	-0.207	-0.205	-0.165
6471	64.70	-0.112	-0.070	-0.053	-0.060	-0.083	-0.108	-0.123	-0.126	-0.117	-0.104
6481	64.80	-0.095	-0.094	-0.104	-0.122	-0.141	-0.155	-0.158	-0.150	-0.136	-0.125
6491	64.90	-0.125	-0.140	-0.165	-0.187	-0.197	-0.186	-0.161	-0.135	-0.124	-0.139

Table 7—24—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKATSUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.178	-0.224	-0.253	-0.246	-0.197	-0.116	-0.024	0.058	0.123	0.173
6511	65.10	0.221	0.278	0.346	0.414	0.473	0.519	0.568	0.649	0.789	0.996
6521	65.20	1.247	1.487	1.657	1.715	1.665	1.557	1.469	1.472	1.599	1.823
6531	65.30	2.079	2.291	2.413	2.454	2.472	2.541	2.704	2.942	3.171	3.269
6541	65.40	3.129	2.707	2.047	1.263	0.500	-0.120	-0.539	-0.774	-0.894	-0.980
6551	65.50	-1.091	-1.239	-1.401	-1.536	-1.615	-1.640	-1.635	-1.638	-1.678	-1.762
6561	65.60	-1.874	-1.981	-2.046	-2.105	-2.105	-2.079	-2.047	-2.022	-2.011	-2.014
6571	65.70	-2.030	-2.053	-2.076	-2.090	-2.082	-2.041	-1.960	-1.843	-1.701	-1.550
6581	65.80	-1.404	-1.267	-1.139	-1.015	-0.886	-0.766	-0.660	-0.586	-0.547	-0.531
6591	65.90	-0.513	-0.465	-0.364	-0.212	-0.031	0.142	0.267	0.318	0.292	0.207
6601	66.00	0.094	-0.017	-0.109	-0.180	-0.239	-0.295	-0.351	-0.399	-0.427	-0.424
6611	66.10	-0.389	-0.336	-0.288	-0.271	-0.303	-0.388	-0.512	-0.648	-0.766	-0.839
6621	66.20	-0.857	-0.826	-0.764	-0.702	-0.666	-0.673	-0.722	-0.793	-0.851	-0.857
6631	66.30	-0.779	-0.606	-0.352	-0.054	0.233	0.461	0.597	0.641	0.623	0.596
6641	66.40	0.617	0.728	0.939	1.223	1.525	1.780	1.936	1.970	1.898	1.768
6651	66.50	1.641	1.575	1.599	1.714	1.890	2.087	2.265	2.400	2.489	2.541
6661	66.60	2.568	2.577	2.564	2.518	2.427	2.288	2.103	1.885	1.643	1.387
6671	66.70	1.118	0.838	0.555	0.277	0.030	-0.167	-0.305	-0.392	-0.452	-0.514
6681	66.80	-0.600	-0.718	-0.857	-0.992	-1.102	-1.176	-1.217	-1.241	-1.262	-1.282
6691	66.90	-1.295	-1.285	-1.248	-1.195	-1.158	-1.172	-1.260	-1.415	-1.594	-1.731
6701	67.00	-1.762	-1.653	-1.414	-1.101	-0.786	-0.532	-0.366	-0.267	-0.184	-0.061
6711	67.10	0.132	0.381	0.637	0.837	0.933	0.918	0.829	0.729	0.683	0.725
6721	67.20	0.848	1.010	1.152	1.233	1.241	1.200	1.158	1.156	1.212	1.305
6731	67.30	1.388	1.407	1.323	1.137	0.885	0.630	0.434	0.340	0.350	0.434
6741	67.40	0.540	0.614	0.623	0.560	0.442	0.296	0.148	0.011	-0.110	-0.221
6751	67.50	-0.319	-0.399	-0.451	-0.470	-0.463	-0.457	-0.484	-0.572	-0.730	-0.940
6761	67.60	-1.162	-1.351	-1.475	-1.531	-1.541	-1.544	-1.572	-1.630	-1.701	-1.751
6771	67.70	-1.753	-1.705	-1.636	-1.592	-1.609	-1.693	-1.804	-1.868	-1.813	-1.596
6781	67.80	-1.232	-0.787	-0.357	-0.024	0.176	0.266	0.314	0.400	0.576	0.867
6791	67.90	1.166	1.464	1.679	1.782	1.785	1.727	1.652	1.584	1.522	1.441
6801	68.00	1.321	1.152	0.949	0.743	0.562	0.423	0.321	0.237	0.151	0.052
6811	68.10	-0.054	-0.155	-0.238	-0.303	-0.363	-0.431	-0.514	-0.600	-0.663	-0.672
6821	68.20	-0.607	-0.476	-0.306	-0.138	-0.007	0.076	0.123	0.159	0.204	0.260
6831	68.30	0.305	0.304	0.228	0.074	-0.131	-0.336	-0.492	-0.567	-0.565	-0.517
6841	68.40	-0.469	-0.456	-0.486	-0.541	-0.588	-0.600	-0.570	-0.517	-0.476	-0.480
6851	68.50	-0.540	-0.641	-0.751	-0.837	-0.882	-0.897	-0.914	-0.969	-1.082	-1.238
6861	68.60	-1.391	-1.477	-1.440	-1.251	-0.923	-0.504	-0.061	0.343	0.672	0.918
6871	68.70	1.102	1.256	1.398	1.541	1.672	1.773	1.827	1.831	1.795	1.735
6881	68.80	1.663	1.577	1.460	1.289	1.066	0.735	0.380	0.027	-0.272	-0.477
6891	68.90	-0.569	-0.558	-0.473	-0.353	-0.224	-0.109	-0.011	0.073	0.149	0.216
6901	69.00	0.270	0.305	0.316	0.307	0.285	0.259	0.237	0.223	0.222	0.239
6911	69.10	0.282	0.357	0.463	0.583	0.685	0.728	0.678	0.517	0.258	-0.057
6921	69.20	-0.372	-0.630	-0.796	-0.860	-0.838	-0.758	-0.649	-0.531	-0.411	-0.296
6931	69.30	-0.193	-0.115	-0.072	-0.065	-0.076	-0.069	-0.005	0.162	0.365	0.423
6941	69.40	0.847	0.966	0.939	0.772	0.521	0.275	0.119	0.105	0.232	0.441
6951	69.50	0.642	0.740	0.673	0.428	0.044	-0.404	-0.832	-1.170	-1.386	-1.485
6961	69.60	-1.507	-1.504	-1.522	-1.586	-1.693	-1.818	-1.925	-1.993	-2.019	-2.028
6971	69.70	-2.058	-2.145	-2.302	-2.505	-2.702	-2.825	-2.822	-2.675	-2.411	-2.096
6981	69.80	-1.807	-1.605	-1.510	-1.497	-1.510	-1.683	-1.868	-1.950	-0.868	-0.696
6991	69.90	-0.132	0.223	0.564	0.896	1.214	1.512	1.763	1.940	2.023	2.014

Table 7—24—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKAISUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	1.937	1.831	1.736	1.673	1.653	1.663	1.686	1.702	1.702	1.686
7011	70.10	1.659	1.624	1.581	1.528	1.464	1.392	1.322	1.268	1.239	1.240
7021	70.20	1.262	1.294	1.318	1.326	1.316	1.297	1.281	1.277	1.286	1.301
7031	70.30	1.307	1.292	1.245	1.170	1.077	0.980	0.895	0.827	0.774	0.728
7041	70.40	0.676	0.609	0.527	0.437	0.351	0.279	0.225	0.187	0.152	0.110
7051	70.50	0.053	-0.014	-0.079	-0.129	-0.151	-0.146	-0.125	-0.104	-0.098	-0.108
7061	70.60	-0.125	-0.128	-0.097	-0.022	0.085	0.197	0.276	0.289	0.218	0.071
7071	70.70	-0.125	-0.329	-0.504	-0.825	-0.689	-0.706	-0.702	-0.701	-0.721	-0.765
7081	70.80	-0.828	-0.894	-0.946	-0.970	-0.963	-0.932	-0.893	-0.864	-0.859	-0.882
7091	70.90	-0.925	-0.974	-1.012	-1.033	-1.043	-1.060	-1.105	-1.189	-1.300	-1.404
7101	71.00	-1.453	-1.401	-1.227	-0.966	-0.611	-0.299	-0.082	-0.003	-0.064	-0.220
7111	71.10	-0.405	-0.552	-0.617	-0.598	-0.523	-0.437	-0.382	-0.372	-0.396	-0.414
7121	71.20	-0.391	-0.297	-0.130	0.093	0.341	0.582	0.803	1.001	1.190	1.329
7131	71.30	1.567	1.737	1.864	1.930	1.934	1.899	1.870	1.896	2.008	2.204
7141	71.40	2.446	2.674	2.829	2.880	2.836	2.747	2.681	2.690	2.792	2.955
7151	71.50	3.110	3.180	3.106	2.876	2.517	2.085	1.633	1.189	0.750	0.292
7161	71.60	-0.202	-0.725	-1.233	-1.659	-1.939	-2.043	-1.988	-1.838	-1.682	-1.593
7171	71.70	-1.608	-1.716	-1.868	-2.007	-2.096	-2.130	-2.136	-2.153	-2.210	-2.310
7181	71.80	-2.428	-2.529	-2.583	-2.582	-2.545	-2.503	-2.482	-2.490	-2.508	-2.505
7191	71.90	-2.447	-2.321	-2.135	-1.915	-1.692	-1.483	-1.289	-1.095	-0.884	-0.648
7201	72.00	-0.398	-0.162	0.032	0.163	0.231	0.250	0.242	0.222	0.186	0.126
7211	72.10	0.014	-0.152	-0.356	-0.563	-0.728	-0.815	-0.813	-0.741	-0.637	-0.544
7221	72.20	-0.488	-0.665	-0.450	-0.404	-0.299	-0.128	0.089	0.318	0.523	0.683
7231	72.30	0.800	0.889	0.972	1.060	1.153	1.236	1.293	1.312	1.295	1.269
7241	72.40	1.184	1.104	1.001	0.867	0.702	0.518	0.345	0.221	0.175	0.213
7251	72.50	0.313	0.429	0.511	0.519	0.444	0.303	0.136	-0.018	-0.138	-0.223
7261	72.60	-0.293	-0.373	-0.477	-0.596	-0.703	-0.758	-0.729	-0.602	-0.388	-0.119
7271	72.70	0.162	0.419	0.627	0.781	0.894	0.986	1.075	1.172	1.277	1.377
7281	72.80	1.452	1.479	1.443	1.338	1.172	0.963	0.734	0.506	0.289	0.082
7291	72.90	-0.129	-0.360	-0.622	-0.917	-1.231	-1.540	-1.814	-2.029	-2.171	-2.256
7301	73.00	-2.227	-2.160	-2.051	-1.913	-1.759	-1.603	-1.456	-1.327	-1.220	-1.139
7311	73.10	-1.080	-1.041	-1.018	-1.008	-1.008	-1.014	-1.020	-1.021	-1.017	-1.009
7321	73.20	-1.006	-1.017	-1.048	-1.091	-1.127	-1.129	-1.066	-0.924	-0.707	-0.445
7331	73.30	-0.181	0.061	0.191	0.263	0.274	0.255	0.232	0.228	0.242	0.264
7341	73.40	0.280	0.285	0.288	0.308	0.364	0.467	0.609	0.768	0.910	1.008
7351	73.50	1.045	1.026	0.971	0.908	0.860	0.842	0.852	0.878	0.902	0.909
7361	73.60	0.895	0.868	0.847	0.856	0.917	1.035	1.202	1.388	1.555	1.663
7371	73.70	1.690	1.634	1.518	1.381	1.262	1.182	1.142	1.119	1.082	1.010
7381	73.80	0.905	0.798	0.730	0.740	0.860	1.007	1.185	1.310	1.332	1.238
7391	73.90	1.060	0.856	0.694	0.619	0.640	0.727	0.829	0.899	0.908	0.861
7401	74.00	0.787	0.725	0.708	0.749	0.837	0.948	1.054	1.132	1.172	1.175
7411	74.10	1.151	1.110	1.065	1.027	1.001	0.990	0.994	1.005	1.014	1.012
7421	74.20	0.995	0.967	0.941	0.929	0.946	0.991	1.059	1.131	1.191	1.225
7431	74.30	1.231	1.215	1.190	1.168	1.158	1.155	1.151	1.130	1.075	0.974
7441	74.40	0.827	0.663	0.447	0.271	0.167	0.095	0.117	0.191	0.278	0.337
7451	74.50	0.341	0.287	0.201	0.122	0.087	0.105	0.155	0.189	0.152	0.013
7461	74.60	-0.226	-0.524	-0.817	-1.052	-1.204	-1.293	-1.368	-1.485	-1.681	-1.952
7471	74.70	-2.252	-2.519	-2.692	-2.741	-2.674	-2.530	-2.359	-2.200	-2.069	-1.960
7481	74.80	-1.854	-1.733	-1.589	-1.429	-1.262	-1.094	-0.919	-0.723	-0.493	-0.229
7491	74.90	0.048	0.296	0.467	0.524	0.458	0.292	0.081	-0.117	-0.254	-0.313

Table 7—24—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1118 101-GR-1-63 TR. (HA.) SHINKAISUSHIKA B MAX. ACC. = -42.883 (GAL) T= 12.30 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7501	75.00	-0.315	-0.304	-0.330	-0.418	-0.562	-0.725	-0.855	-0.913	-0.893	-0.827
7511	75.10	-0.768	-0.765	-0.841	-0.973	-1.108	-1.185	-1.171	-1.071	-0.935	-0.828
7521	75.20	-0.802	-0.874	-1.019	-1.188	-1.335	-1.440	-1.513	-1.579	-1.657	-1.743
7531	75.30	-1.811	-1.837	-1.816	-1.781	-1.790	-1.891	-2.093	-2.352	-2.580	-2.695
7541	75.40	-2.665	-2.530	-2.387	-2.342	-2.449	-2.677	-2.923	-3.068	-3.046	-2.886
7551	75.50	-2.701	-2.625	-2.736	-2.996	-3.269	-3.393	-3.273	-2.952	-2.598	-2.417
7561	75.60	-2.533	-2.897	-3.295	-3.442	-3.157	-2.476	-1.669	-1.145	-1.222	-1.948
7571	75.70	-3.009	-3.830	-5.810	-2.603	-0.308	2.530	5.115	6.720		

Table 7—26—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1119 101-GR-1-63 .U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -16.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-5.201	-5.678	-5.726	-5.598	-5.486	-5.387	-5.103	-4.356	-3.015	-1.287
11	0.10	0.246	0.813	-0.187	-2.803	-6.362	-9.503	-10.865	-9.420	-5.288	0.356
21	0.20	5.566	8.407	7.807	4.024	-1.116	-5.486	-7.054	-5.080	-0.408	4.900
31	0.30	8.496	8.823	5.837	1.006	-3.389	-5.339	-6.018	-0.272	4.095	6.974
41	0.40	7.123	4.703	1.146	-1.624	-2.185	-0.318	2.926	5.823	6.905	5.737
51	0.50	3.115	0.609	-0.326	0.828	3.319	5.492	5.664	3.060	-1.670	-6.657
61	0.60	-9.645	-9.071	-4.652	1.496	7.487	10.733	9.972	5.571	-0.691	-6.448
71	0.70	-9.760	-9.874	-7.402	-3.888	-1.036	0.055	-0.717	-2.560	-4.270	-4.842
81	0.80	-3.915	-1.869	0.405	1.959	2.083	0.733	-1.692	-4.458	-6.796	-8.144
91	0.90	-8.281	-7.343	-5.747	-4.057	-2.815	-2.379	-2.792	-3.731	-4.586	-4.661
101	1.00	-3.453	-0.908	2.475	5.756	7.874	8.069	6.213	2.918	-0.663	-3.266
111	1.10	-4.004	-2.704	0.042	3.143	5.455	6.226	5.348	3.319	0.972	-0.894
121	1.20	-1.815	-1.774	-1.098	-0.246	0.414	0.735	0.777	0.709	0.692	0.801
131	1.30	1.026	1.308	1.580	1.760	1.841	1.690	1.276	0.622	-0.126	-0.718
141	1.40	-0.886	-0.480	0.429	1.551	2.504	3.027	3.136	3.135	3.432	4.245
151	1.50	5.357	6.096	5.609	3.338	-0.553	-5.026	-8.476	-9.390	-7.096	-2.217
161	1.60	3.466	7.603	8.482	5.677	0.410	-4.941	-7.884	-6.969	-2.377	3.962
171	1.70	9.404	11.680	9.905	4.909	-1.211	-6.095	-8.154	-7.170	-4.217	-0.990
181	1.80	1.045	1.273	0.037	-1.742	-3.156	-3.761	-3.671	-3.294	-2.945	-2.605
191	1.90	-1.986	-0.845	0.688	2.035	2.417	1.365	-0.882	-3.309	-4.535	-3.523
201	2.00	-0.216	4.268	8.041	9.306	7.242	2.471	-3.171	-7.457	-8.796	-6.957
211	2.10	-3.112	0.787	2.986	2.753	0.634	-1.952	-3.540	-3.398	-1.861	-0.047
221	2.20	0.843	0.251	-1.407	-2.971	-3.202	-1.497	1.725	5.197	7.425	7.436
231	2.30	5.252	1.860	-1.295	-3.015	-2.879	-1.356	0.533	1.787	1.914	1.107
241	2.40	0.034	-0.586	-0.378	0.528	1.641	2.429	2.620	2.312	1.859	1.620
251	2.50	1.735	2.077	2.380	2.450	2.312	2.196	2.347	2.802	3.274	3.233
261	2.60	2.178	-0.047	-3.072	-6.058	-8.011	-8.193	-6.448	-3.279	0.351	3.413
271	2.70	5.202	5.554	4.815	3.596	2.453	1.661	1.160	0.699	0.052	-0.797
281	2.80	-1.616	-2.039	-1.771	-0.774	0.669	2.044	2.817	2.659	1.595	-0.005
291	2.90	-1.580	-2.618	-2.860	-2.394	-1.587	-0.895	-0.643	-0.872	-1.336	-1.663
301	3.00	-1.474	-0.765	0.248	1.137	1.513	1.240	0.524	-0.186	-0.447	-0.099
311	3.10	0.594	1.025	0.536	-1.214	-3.990	-6.982	-9.092	-9.394	-7.540	-3.938
321	3.20	0.614	4.343	6.969	8.007	7.764	6.860	5.840	4.896	3.848	2.367
331	3.30	0.310	-2.071	-4.164	-5.287	-5.074	-3.719	-1.941	-0.648	-0.471	-1.429
341	3.40	-2.903	-3.958	-3.841	-2.405	-0.211	1.741	2.523	1.751	-0.216	-2.672
351	3.50	-4.036	-4.344	-3.507	-2.192	-1.220	-1.103	-1.788	-2.726	-3.240	-2.930
361	3.60	-1.913	-0.728	0.013	0.018	-0.488	-0.891	-0.580	0.639	2.368	3.799
371	3.70	4.177	3.292	1.689	0.450	0.627	2.617	5.832	8.677	10.188	8.822
381	3.80	4.992	0.055	-4.077	-5.824	-6.690	-1.492	2.028	4.044	3.502	0.578
391	3.90	-3.459	-6.896	-8.389	-7.530	-4.918	-1.750	0.815	2.175	2.420	2.095
401	4.00	1.748	1.587	1.416	0.889	-0.130	-1.334	-2.058	-1.647	0.100	2.689
411	4.10	5.054	6.043	4.995	2.113	-1.583	-4.734	-6.296	-6.023	-4.560	-3.023
421	4.20	-2.361	-2.812	-3.761	-4.097	-2.871	0.100	4.015	7.410	8.867	7.735
431	4.30	4.511	0.636	-2.174	-2.759	-1.069	1.828	4.296	4.947	3.327	0.518
441	4.40	-3.227	-5.231	-5.118	-3.179	-0.583	1.235	1.300	-0.444	-3.148	-5.522
451	4.50	-6.494	-5.719	-3.688	-1.457	0.113	0.443	-0.183	-1.026	-1.331	-0.667
461	4.60	0.676	2.040	2.704	2.307	1.053	-0.414	-1.381	-1.457	-0.775	0.119
471	4.70	0.631	0.510	0.052	-0.031	0.985	3.369	6.668	9.820	11.604	11.234
481	4.80	8.783	5.201	1.903	0.112	0.272	1.835	3.538	4.043	2.626	-0.432
491	4.90	-3.951	-6.411	-6.691	-4.633	-1.133	2.267	4.096	3.630	1.187	-2.069

Table 7—26—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -16.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-4.729	-5.818	-5.220	-3.660	-2.258	-1.921	-2.874	-4.577	-6.047	-6.408
511	5.10	-5.365	-3.353	-1.304	-0.148	-0.326	-1.568	-3.055	-3.853	-3.405	-1.809
521	5.20	0.259	1.921	2.577	2.212	1.398	0.970	1.566	3.266	5.547	7.524
531	5.30	8.399	7.848	6.163	4.077	2.377	1.511	1.399	1.522	1.253	0.225
541	5.40	-1.457	-3.261	-4.501	-4.591	-3.778	-2.144	-0.377	1.033	1.933	2.517
551	5.50	3.141	4.032	5.085	5.865	5.824	4.624	2.380	-0.320	-2.650	-3.924
561	5.60	-3.924	-3.014	-1.953	-1.511	-2.071	-3.422	-4.858	-5.534	-4.900	-3.000
571	5.70	-0.477	1.722	2.789	2.427	0.993	-0.791	-2.030	-2.260	-1.569	-0.665
581	5.80	0.347	0.327	-0.546	-1.869	-3.027	-3.520	-3.200	-2.301	-1.262	-0.648
591	5.90	0.058	0.473	1.140	2.265	3.729	5.083	5.762	5.386	3.995	2.073
601	6.00	0.336	-0.611	-0.574	0.131	0.847	0.919	0.039	-1.594	-3.371	-4.586
611	6.10	-4.791	-4.013	-2.709	-1.513	-0.886	-0.888	-1.171	-1.200	-0.575	0.725
621	6.20	2.318	3.610	4.106	3.666	2.560	1.301	0.351	-0.124	-0.322	-0.648
631	6.30	-1.419	-2.624	-3.857	-4.503	-4.068	-2.483	-0.205	1.955	3.216	3.210
641	6.40	2.186	0.908	0.276	0.875	2.658	4.933	6.672	6.999	5.604	2.902
651	6.50	-0.155	-2.518	-3.510	-3.112	-1.923	-0.832	-0.568	-1.352	-2.817	-4.228
661	6.60	-4.876	-4.466	-3.162	-1.656	-0.621	-0.439	-0.982	-1.687	-1.883	-1.189
671	6.70	0.211	1.590	1.997	0.733	-2.231	-6.124	-9.613	-11.331	-10.465	-7.142
681	6.80	-2.618	2.127	5.032	5.555	3.958	1.358	-0.793	-1.351	0.023	2.758
691	6.90	5.667	7.521	7.608	6.040	3.662	1.636	0.894	1.723	3.672	5.790
701	7.00	7.074	6.907	5.278	2.720	0.017	-2.143	-3.415	-3.834	-3.672	-3.227
711	7.10	-2.668	-2.014	-1.232	-0.355	0.454	0.970	1.031	0.670	0.124	-0.274
721	7.20	-0.286	0.080	0.554	0.748	0.381	-0.530	-1.446	-2.471	-2.624	-2.076
731	7.30	-1.200	-0.593	-0.754	-1.792	-3.323	-4.650	-5.129	-4.537	-3.237	-2.028
741	7.40	-1.736	-2.748	-4.734	-6.725	-7.529	-6.296	-2.954	1.701	6.315	9.568
751	7.50	10.626	9.621	7.328	4.836	2.997	2.080	1.753	1.381	0.455	-1.085
761	7.60	-2.801	-3.996	-4.098	-2.980	-1.063	0.977	2.360	2.729	2.190	1.220
771	7.70	0.391	0.077	0.309	0.817	1.231	1.300	1.009	0.544	0.150	-0.032
781	7.80	-0.026	0.023	-0.017	-0.158	-0.273	-0.174	0.251	0.953	1.736	2.373
791	7.90	2.738	2.877	2.962	3.148	3.436	3.626	3.446	2.729	1.598	0.469
801	8.00	-0.127	0.145	1.164	2.315	2.733	1.747	-0.698	-3.834	-6.553	-7.456
811	8.10	-5.979	-2.528	1.566	4.585	5.213	3.168	-0.619	-4.397	-6.389	-5.622
821	8.20	-2.395	1.852	5.188	6.082	4.093	0.051	-4.345	-7.302	-7.721	-5.630
831	8.30	-2.088	1.355	3.366	3.372	1.718	-0.594	-2.403	-2.885	-1.826	0.402
841	8.40	3.085	5.478	7.030	7.469	6.758	5.026	2.520	-0.391	-3.219	-5.425
851	8.50	-6.561	-6.440	-5.251	-3.528	-1.951	-1.078	-1.106	-1.806	-2.662	-3.143
861	8.60	-2.986	-2.319	-1.587	-1.291	-1.700	-2.676	-3.711	-4.160	-3.544	-1.793
871	8.70	0.711	3.295	5.278	6.237	6.142	5.316	4.247	3.369	2.905	2.823
881	8.80	2.918	2.934	2.690	2.146	1.397	0.635	0.072	-0.119	0.128	0.760
891	8.90	1.495	2.070	2.140	1.513	0.235	-1.395	-2.897	-3.824	-3.953	-3.408
901	9.00	-2.613	-2.091	-2.188	-2.877	-3.745	-4.189	-3.748	-2.374	-0.518	1.062
911	9.10	1.675	1.081	-0.343	-1.737	-2.178	-1.165	1.067	3.575	5.113	4.711
921	9.20	2.171	-1.764	-5.679	-8.065	-7.955	-5.340	-1.161	3.085	5.962	6.643
931	9.30	5.174	2.361	-0.638	-2.809	-3.656	-3.323	-2.439	-1.746	-1.849	-2.891
941	9.40	-4.558	-6.202	-7.086	-6.650	-4.710	-1.553	2.128	5.424	7.482	7.786
951	9.50	6.333	3.646	0.591	-1.939	-3.345	-3.516	-2.811	-1.830	-1.092	-0.777
961	9.60	-0.668	-0.311	0.674	2.322	4.236	5.736	6.200	5.370	3.503	1.245
971	9.70	-0.690	-1.882	-2.386	-2.652	-3.204	-4.272	-5.580	-6.432	-6.052	-4.618
981	9.80	-0.568	3.533	7.136	9.397	10.059	9.556	8.735	8.387	8.810	9.649
991	9.90	10.098	9.335	6.995	3.396	-0.561	-3.792	-5.509	-5.539	-4.345	-2.754

Table 7—26—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.551	-1.153	-1.507	-2.231	-2.895	-3.255	-3.333	-3.311	-3.340	-3.388
1011	10.10	-3.238	-2.633	-1.468	0.085	1.613	2.641	2.869	2.319	1.322	0.346
1021	10.20	-0.239	-0.327	-0.054	0.146	0.136	-0.171	-0.610	-0.929	-0.958	-0.729
1031	10.30	-0.447	-0.344	-0.496	-0.725	-0.660	0.056	1.523	3.437	5.132	5.825
1041	10.40	4.950	2.436	-1.208	-5.047	-8.043	-9.441	-8.998	-7.057	-4.362	-1.875
1051	10.50	-0.273	0.053	-0.839	-2.531	-4.409	-5.851	-6.399	-5.869	-4.395	-2.381
1061	10.60	-0.375	1.117	1.800	1.723	1.256	0.951	1.291	2.464	4.239	6.045
1071	10.70	7.208	7.267	6.212	4.516	2.941	2.189	2.561	3.801	5.201	5.932
1081	10.80	5.453	3.790	1.548	-0.359	-1.151	-0.561	1.005	2.640	3.342	2.478
1091	10.90	0.079	-3.171	-6.246	-8.239	-8.752	-8.030	-6.792	-5.843	-5.660	-6.167
1101	11.00	-6.793	-6.782	-5.596	-3.214	-0.176	2.639	4.401	4.681	3.627	1.865
1111	11.10	0.212	-0.683	-0.581	0.310	1.495	2.458	2.903	2.843	2.536	2.303
1121	11.20	2.365	2.736	3.253	3.710	3.961	3.989	3.886	3.749	3.622	3.444
1131	11.30	3.116	2.585	1.908	1.248	0.786	0.594	0.558	0.399	-0.245	-1.551
1141	11.40	-3.462	-5.614	-7.478	-8.572	-8.687	-7.974	-6.878	-5.911	-5.389	-5.252
1151	11.50	-5.070	-4.247	-2.323	0.740	4.460	7.949	10.239	10.652	9.082	6.042
1161	11.60	2.469	-0.638	-2.606	-3.514	-3.196	-3.001	-3.629	-4.808	-6.931	-9.139
1171	11.70	-10.590	-10.610	-8.958	-5.964	-2.305	1.169	3.794	5.287	5.781	5.687
1181	11.80	5.469	5.383	5.472	5.519	5.252	4.516	3.382	2.133	1.135	0.668
1191	11.90	0.794	1.340	1.990	2.443	2.554	2.385	2.151	2.087	2.318	2.791
1201	12.00	3.315	3.665	3.706	3.458	3.068	2.717	2.512	2.436	2.369	2.179
1211	12.10	1.810	1.310	0.770	0.214	-0.483	-1.587	-3.368	-5.893	-8.854	-11.545
1221	12.20	-13.050	-12.576	-9.817	-5.166	0.342	5.360	8.708	9.791	8.797	6.557
1231	12.30	4.158	2.472	1.821	1.913	2.072	1.627	0.264	-1.819	-4.019	-5.631
1241	12.40	-6.171	-5.579	-4.195	-2.555	-1.124	-0.111	0.551	1.064	1.574	2.037
1251	12.50	2.240	1.941	1.056	-0.239	-1.559	-2.495	-2.848	-2.753	-2.639	-3.009
1261	12.60	-4.142	-5.892	-7.674	-8.679	-8.228	-6.093	-2.652	1.224	4.496	6.352
1271	12.70	6.511	5.313	3.548	2.129	1.739	2.596	4.421	6.595	8.426	9.404
1281	12.80	9.363	8.483	7.171	5.883	4.938	4.119	4.163	3.838	3.083	1.647
1291	12.90	-0.506	-3.169	-5.949	-8.382	-10.085	-10.868	-10.791	-10.118	-9.211	-8.386
1301	13.00	-7.815	-7.476	-7.207	-6.791	-6.058	-4.943	-3.487	-1.794	0.020	1.860
1311	13.10	3.635	5.239	6.534	7.381	7.709	7.597	7.300	7.196	7.642	8.790
1321	13.20	10.447	12.060	12.856	12.103	9.412	4.933	-0.625	-6.188	-10.659	-13.291
1331	13.30	-13.933	-13.067	-11.599	-10.496	-10.406	-11.406	-12.984	-14.260	-14.362	-12.799
1341	13.40	-9.681	-5.690	-1.810	1.071	2.516	2.709	2.352	2.332	3.313	5.421
1351	13.50	8.177	10.709	12.149	12.034	10.524	8.333	6.395	5.432	5.614	6.487
1361	13.60	7.193	6.896	5.196	2.347	-0.833	-3.318	-4.317	-5.617	-1.648	0.720
1371	13.70	2.576	3.339	2.961	1.870	0.712	0.034	0.053	0.615	1.330	1.792
1381	13.80	1.763	1.242	0.404	-0.530	-1.402	-2.155	-2.791	-3.297	-3.610	-3.641
1391	13.90	-3.355	-2.840	-2.314	-2.046	-2.218	-2.812	-3.586	-4.169	-4.236	-3.675
1401	14.00	-2.666	-1.607	-0.933	-0.910	-1.504	-2.393	-3.128	-3.343	-2.931	-2.085
1411	14.10	-1.187	-0.610	-0.518	-0.782	-1.032	-0.842	0.063	1.659	3.612	5.401
1421	14.20	6.520	6.875	5.879	4.425	2.751	1.265	0.204	-0.417	-0.756	-1.030
1431	14.30	-1.392	-1.854	-2.290	-2.510	-2.365	-1.839	-1.071	-0.314	0.178	0.260
1441	14.40	-0.020	-0.423	-0.594	-0.202	0.917	2.675	4.731	6.588	7.754	7.909
1451	14.50	7.014	5.326	3.310	1.473	0.196	-0.395	-0.469	-0.315	-0.392	-0.956
1461	14.60	-2.047	-3.442	-4.738	-5.515	-5.501	-4.692	-3.356	-1.933	-0.853	-0.368
1471	14.70	-0.444	-0.782	-0.955	-0.599	0.416	1.913	3.486	4.648	5.041	4.575
1481	14.80	3.459	2.097	0.924	0.228	0.063	0.256	0.515	0.560	0.237	-0.448
1491	14.90	-1.354	-2.276	-3.009	-3.396	-3.340	-2.820	-1.897	-0.740	0.373	1.102

Table 7—26—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	1.138	0.326	-1.235	-3.180	-4.968	-6.057	-6.104	-5.089	-3.311	-1.257
1511	15.10	0.590	1.936	2.740	3.173	3.472	3.805	4.197	4.550	4.748	4.752
1521	15.20	4.639	4.555	4.615	4.812	5.009	5.011	4.686	4.054	3.286	2.599
1531	15.30	2.106	1.710	1.114	-0.026	-1.894	-4.343	-6.878	-8.806	-9.516	-8.737
1541	15.40	-6.674	-3.922	-1.232	0.788	1.881	2.168	2.004	1.745	1.560	1.382
1551	15.50	0.999	0.243	-0.869	-2.099	-3.099	-3.591	-3.513	-3.050	-2.529	-2.233
1561	15.60	-2.245	-2.399	-2.392	-1.955	-1.033	0.163	1.241	1.817	1.714	1.054
1571	15.70	0.209	-0.375	-0.387	0.203	1.135	1.973	2.293	1.869	0.666	-1.091
1581	15.80	-3.016	-4.784	-6.133	-6.910	-7.056	-6.586	-5.577	-4.174	-2.586	-1.059
1591	15.90	0.192	1.053	1.553	1.853	2.168	2.659	3.347	4.096	4.670	4.843
1601	16.00	4.512	3.748	2.766	1.833	1.156	0.803	0.703	0.699	0.634	0.421
1611	16.10	0.065	-0.366	-0.788	-1.141	-1.397	-1.532	-1.507	-1.262	-0.750	0.009
1621	16.20	0.890	1.672	2.097	1.977	1.278	0.160	-1.066	-2.045	-2.502	-2.333
1631	16.30	-1.622	-0.582	0.544	1.579	2.450	3.169	3.772	4.253	4.543	4.534
1641	16.40	4.143	3.369	2.316	1.162	0.087	-0.798	-1.485	-2.046	-2.567	-3.080
1651	16.50	-3.519	-3.750	-3.639	-3.140	-2.359	-1.527	-0.919	-0.730	-0.974	-1.451
1661	16.60	-1.817	-1.718	-0.938	0.497	2.322	4.122	5.494	6.192	6.198	5.700
1671	16.70	4.982	4.284	3.699	3.452	2.469	1.496	0.198	-1.291	-2.719	-3.820
1681	16.80	-4.430	-4.553	-4.368	-4.039	-3.801	-3.688	-3.622	-3.473	-3.165	-2.757
1691	16.90	-2.446	-2.463	-2.957	-3.848	-4.809	-5.352	-5.018	-3.581	-1.185	1.670
1701	17.00	4.278	5.978	6.389	5.545	3.864	1.977	0.486	-0.244	-0.184	0.408
1711	17.10	1.140	1.655	1.822	1.655	1.356	1.128	1.093	1.230	1.417	1.509
1721	17.20	1.429	1.215	0.997	0.932	1.122	1.564	2.156	2.740	3.185	3.437
1731	17.30	3.539	3.601	3.743	4.041	4.499	5.055	5.616	6.089	6.407	6.523
1741	17.40	6.384	5.919	5.032	3.636	1.696	-0.723	-3.431	-6.140	-8.516	-10.263
1751	17.50	-11.207	-11.339	-10.814	-9.907	-8.923	-8.113	-7.603	-7.367	-7.244	-7.001
1761	17.60	-6.414	-5.364	-3.791	-1.902	0.063	1.809	3.083	3.748	3.817	3.443
1771	17.70	2.857	2.294	1.918	1.781	1.815	1.885	1.842	1.588	1.109	0.471
1781	17.80	-0.218	-0.848	-1.351	-1.711	-1.952	-2.113	-2.217	-2.259	-2.216	-2.051
1791	17.90	-1.757	-1.343	-0.838	-0.276	0.323	0.955	1.624	2.351	3.063	3.786
1801	18.00	4.464	5.066	5.576	5.993	6.312	6.510	6.535	6.318	5.800	4.964
1811	18.10	3.852	2.563	1.225	-0.046	-1.178	-2.156	-3.008	-3.774	-4.475	-5.096
1821	18.20	-5.593	-5.911	-6.013	-5.892	-5.570	-5.080	-4.457	-3.725	-2.910	-2.068
1831	18.30	-1.194	-0.417	0.220	0.683	0.977	1.142	1.236	1.305	1.377	1.461
1841	18.40	1.561	1.692	1.880	2.165	2.474	2.812	3.072	3.183	3.130	2.979
1851	18.50	2.854	2.671	3.068	3.265	3.278	2.820	1.739	0.105	-1.770	-3.431
1861	18.60	-4.460	-4.661	-4.155	-3.331	-2.667	-2.500	-2.857	-3.438	-3.767	-3.436
1871	18.70	-2.336	-0.737	0.810	1.723	1.668	0.715	-0.690	-1.951	-2.608	-2.563
1881	18.80	-2.111	-1.761	-1.941	-2.731	-3.772	-4.405	-3.986	-2.217	0.658	3.908
1891	18.90	6.590	7.937	7.668	6.089	3.936	2.044	1.012	0.972	1.611	2.364
1901	19.00	2.706	2.382	1.476	0.321	-0.703	-1.353	-1.611	-1.660	-1.651	-1.771
1911	19.10	-1.981	-2.148	-2.130	-1.881	-1.485	-1.116	-0.930	-0.971	-1.162	-1.253
1921	19.20	-1.136	-0.741	-0.169	0.378	0.716	0.793	0.730	0.773	1.165	2.002
1931	19.30	3.158	4.303	5.024	4.989	4.084	2.457	0.464	-1.461	-2.948	-3.793
1941	19.40	-3.987	-3.672	-3.066	-2.389	-1.816	-1.461	-1.380	-1.577	-1.996	-2.527
1951	19.50	-3.021	-3.324	-3.331	-3.024	-2.486	-1.866	-1.331	-0.916	-0.670	-0.476
1961	19.60	-0.210	0.216	0.799	1.454	2.058	2.519	2.827	3.063	3.349	3.776
1971	19.70	4.362	4.932	5.362	5.454	5.116	4.391	3.438	2.477	1.706	1.238
1981	19.80	1.084	1.173	1.401	1.673	1.928	2.126	2.236	2.216	2.027	1.653
1991	19.90	1.133	0.561	0.067	-0.237	-0.311	-0.217	-0.109	-0.175	-0.561	-1.305

Table 7—26—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKAISUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.309	-3.370	-4.250	-4.753	-4.800	-4.441	-3.828	-3.150	-2.562	-2.138
2011	20.10	-1.854	-1.618	-1.320	-0.883	-0.294	0.387	1.056	1.603	1.953	2.089
2021	20.20	2.056	1.937	1.817	1.767	1.719	1.669	1.500	1.122	0.498	-0.337
2031	20.30	-1.272	-2.158	-2.848	-3.256	-3.377	-3.288	-3.108	-2.947	-2.857	-2.807
2041	20.40	-2.704	-2.432	-1.916	-1.161	-0.261	0.627	1.346	1.788	1.940	1.870
2051	20.50	1.701	1.559	1.488	1.523	1.613	1.701	1.750	1.760	1.755	1.742
2061	20.60	1.779	1.779	1.721	1.586	1.401	1.237	1.176	1.261	1.450	1.613
2071	20.70	1.566	1.150	0.307	-0.878	-2.188	-3.346	-4.113	-4.370	-4.153	-3.619
2081	20.80	-2.979	-2.409	-1.998	-1.761	-1.575	-1.436	-1.295	-1.166	-1.082	-1.062
2091	20.90	-1.091	-1.132	-1.150	-1.151	-1.185	-1.321	-1.602	-2.000	-2.405	-2.658
2101	21.00	-2.612	-2.200	-1.465	-0.561	0.405	1.247	1.942	2.531	3.089	3.663
2111	21.10	4.224	4.670	4.870	4.730	4.245	3.508	2.671	1.883	1.237	0.744
2121	21.20	0.356	0.011	-0.326	-0.647	-0.914	-1.096	-1.189	-1.216	-1.202	-1.166
2131	21.30	-1.005	-0.718	-0.248	0.375	1.033	1.557	1.796	1.690	1.312	0.840
2141	21.40	0.490	0.411	0.622	0.999	1.339	1.452	1.253	0.796	0.244	-0.212
2151	21.50	-0.440	-0.419	-0.228	0.004	0.173	0.245	0.259	0.291	0.393	0.560
2161	21.60	0.719	0.762	0.586	0.131	-0.614	-1.618	-2.823	-4.152	-5.500	-6.718
2171	21.70	-7.622	-8.021	-7.781	-6.883	-5.455	-3.756	-2.086	-0.705	0.274	0.903
2181	21.80	1.361	1.660	2.537	3.389	4.269	4.953	5.233	5.006	4.317	3.336
2191	21.90	2.284	1.373	0.730	0.385	0.283	0.345	0.491	0.679	0.910	1.212
2201	22.00	1.619	2.145	2.763	3.395	3.917	4.181	4.059	3.488	2.503	1.241
2211	22.10	-0.098	-1.320	-2.313	-3.085	-3.751	-4.462	-5.301	-6.213	-6.987	-7.329
2221	22.20	-6.994	-5.903	-4.217	-2.287	-0.529	0.767	1.463	1.795	2.080	2.661
2231	22.30	3.618	4.889	6.107	6.851	6.814	5.937	4.442	2.731	1.224	0.195
2241	22.40	-0.310	-0.453	-0.494	-0.460	-1.053	-1.629	-2.255	-2.797	-3.188	-3.449
2251	22.50	-3.655	-3.882	-4.162	-4.473	-4.765	-4.991	-5.129	-5.171	-5.096	-4.839
2261	22.60	-4.303	-3.394	-2.083	-0.448	1.323	2.987	4.325	5.218	5.679	5.828
2271	22.70	5.826	5.804	5.824	5.884	5.964	6.061	6.203	6.415	6.663	6.811
2281	22.80	6.661	5.921	4.516	2.478	0.069	-2.310	-4.251	-5.488	-5.983	-5.920
2291	22.90	-5.605	-5.322	-5.212	-5.237	-5.225	-4.983	-4.411	-3.550	-2.566	-1.663
2301	23.00	-0.983	-0.551	-0.282	-0.040	0.278	0.686	1.103	1.419	1.546	1.478
2311	23.10	1.295	1.118	1.048	1.119	1.282	1.447	1.531	1.505	1.412	1.361
2321	23.20	1.379	1.571	1.903	2.310	2.713	3.047	3.273	3.373	3.325	3.090
2331	23.30	2.615	1.964	0.848	-0.352	-1.586	-2.675	-3.462	-3.868	-3.916	-3.716
2341	23.40	-3.419	-3.156	-2.983	-2.862	-2.680	-2.297	-1.617	-0.639	0.525	1.667
2351	23.50	2.543	2.950	2.793	2.116	1.099	-0.004	-0.940	-1.534	-1.731	-1.602
2361	23.60	-1.297	-0.980	-0.769	-0.697	-0.724	-0.764	-0.743	-0.627	-0.436	-0.224
2371	23.70	-0.065	0.075	0.150	0.213	0.296	0.402	0.500	0.540	0.486	0.342
2381	23.80	0.158	0.016	-0.004	0.134	0.410	0.752	1.067	1.287	1.394	1.431
2391	23.90	1.475	1.599	1.827	2.123	2.394	2.532	2.457	2.156	1.685	1.150
2401	24.00	0.659	0.275	-0.008	-0.260	-0.578	-1.031	-1.621	-2.272	-2.855	-3.244
2411	24.10	-3.375	-3.275	-3.059	-2.877	-2.845	-2.982	-3.196	-3.306	-3.118	-2.505
2421	24.20	-1.464	-0.122	1.302	2.578	3.534	4.104	4.322	4.289	4.113	3.871
2431	24.30	3.591	3.267	2.879	2.420	1.897	1.323	0.706	0.041	-0.670	-1.409
2441	24.40	-2.118	-2.710	-3.097	-3.222	-3.090	-2.774	-2.385	-2.026	-1.759	-1.583
2451	24.50	-1.456	-1.335	-1.215	-1.140	-1.185	-1.408	-1.808	-2.307	-2.775	-3.087
2461	24.60	-3.181	-3.094	-2.948	-2.891	-3.031	-3.374	-3.814	-4.177	-4.292	-4.060
2471	24.70	-3.496	-2.721	-1.907	-1.220	-0.756	-0.527	-0.468	-0.477	-0.457	-0.340
2481	24.80	-0.102	0.242	0.652	1.078	1.463	1.777	1.983	2.090	2.133	2.175
2491	24.90	2.286	2.525	2.914	3.434	4.025	4.608	5.106	5.459	5.638	5.640

Table 7—26—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKAISUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	5.485	5.207	4.859	4.499	4.185	3.955	3.813	3.719	3.594	3.354
2511	25.10	2.938	2.346	1.842	0.935	0.339	-0.072	-0.293	-0.386	-0.448	-0.570
2521	25.20	-0.800	-1.140	-1.561	-2.029	-2.536	-3.093	-3.713	-4.378	-5.025	-5.551
2531	25.30	-5.853	-5.871	-5.621	-5.193	-4.709	-4.273	-3.923	-3.616	-3.252	-2.732
2541	25.40	-2.003	-1.089	-0.074	0.939	1.870	2.692	3.421	4.084	4.683	5.182
2551	25.50	5.519	5.661	5.548	5.296	4.975	4.659	4.357	3.998	3.461	2.647
2561	25.60	1.542	0.261	-0.982	-1.944	-2.458	-2.503	-2.220	-1.853	-1.666	-1.761
2571	25.70	-2.115	-2.597	-2.944	-2.942	-2.496	-1.660	-0.602	0.461	1.353	1.982
2581	25.80	2.349	2.521	2.577	2.574	2.537	2.461	2.341	2.180	1.989	1.780
2591	25.90	1.552	1.293	0.986	0.634	0.266	-0.072	-0.330	-0.489	-0.556	-0.617
2601	26.00	-0.704	-0.867	-1.102	-1.368	-1.610	-1.795	-1.932	-2.069	-2.260	-2.531
2611	26.10	-2.854	-3.152	-3.339	-3.367	-3.260	-3.111	-3.039	-3.132	-3.389	-3.717
2621	26.20	-3.960	-3.971	-3.680	-3.127	-2.442	-1.785	-1.269	-0.910	-0.628	-0.288
2631	26.30	0.221	0.928	1.758	2.564	3.186	3.516	3.543	3.339	3.021	2.697
2641	26.40	2.424	2.190	1.943	1.622	1.195	0.673	0.113	-0.406	-0.797	-0.992
2651	26.50	-0.942	-0.628	-0.063	0.699	1.568	2.426	3.150	3.661	3.855	3.814
2661	26.60	3.595	3.307	3.054	2.910	2.902	3.023	3.238	3.505	3.775	3.997
2671	26.70	4.113	4.055	3.806	3.323	2.643	1.835	0.988	0.183	-0.534	-1.162
2681	26.80	-1.732	-2.281	-2.827	-3.351	-3.806	-4.137	-4.306	-4.314	-4.199	-4.022
2691	26.90	-3.844	-3.713	-3.651	-3.664	-3.744	-3.878	-4.050	-4.239	-4.417	-4.560
2701	27.00	-4.654	-4.700	-4.716	-4.722	-4.720	-4.691	-4.587	-4.359	-3.977	-3.448
2711	27.10	-2.816	-2.140	-1.462	-0.804	-0.127	0.599	1.379	2.164	2.851	3.322
2721	27.20	3.500	3.391	3.100	2.786	2.595	2.595	2.737	2.880	2.855	2.551
2731	27.30	1.971	1.241	0.558	0.108	-0.011	0.179	0.551	0.938	1.200	1.274
2741	27.40	1.180	0.994	0.798	0.646	0.554	0.508	0.490	0.496	0.539	0.635
2751	27.50	0.742	0.860	1.131	1.263	1.339	1.370	1.384	1.407	1.451	1.511
2761	27.60	1.570	1.620	1.662	1.715	1.792	1.897	2.008	2.090	2.108	2.060
2771	27.70	1.884	1.652	1.354	0.993	0.566	0.078	-0.434	-0.904	-1.254	-1.425
2781	27.80	-1.414	-1.282	-1.138	-1.083	-1.157	-1.308	-1.409	-1.317	-0.952	-0.357
2791	27.90	0.301	0.782	0.877	0.697	-0.284	-1.250	-2.129	-2.702	-2.874	-2.698
2801	28.00	-2.328	-1.936	-1.635	-1.449	-1.320	-1.174	-0.970	-0.732	-0.537	-0.470
2811	28.10	-0.576	-0.835	-1.174	-1.499	-1.742	-1.875	-1.906	-1.842	-1.667	-1.333
2821	28.20	-0.784	-0.005	0.965	1.920	2.728	3.193	3.221	2.838	2.183	1.451
2831	28.30	0.817	0.381	0.161	0.016	-0.100	-0.278	-0.531	-0.805	-1.021	-1.114
2841	28.40	-1.062	-0.892	-0.660	-0.412	-0.168	0.090	0.397	0.776	1.219	1.678
2851	28.50	2.083	2.372	2.515	2.530	2.469	2.393	2.340	2.304	2.255	2.121
2861	28.60	1.857	1.553	0.945	0.403	-0.095	-0.496	-0.778	-0.973	-1.126	-1.282
2871	28.70	-1.463	-1.455	-1.821	-1.918	-1.917	-1.820	-1.656	-1.468	-1.296	-1.163
2881	28.80	-1.065	-0.980	-0.879	-0.735	-0.534	-0.277	0.021	0.334	0.631	0.878
2891	28.90	1.051	1.141	1.164	1.158	1.180	1.282	1.486	1.768	2.056	2.267
2901	29.00	2.251	2.021	1.589	1.052	0.544	0.187	0.040	0.080	0.214	0.320
2911	29.10	0.298	0.110	-0.212	-0.588	-0.932	-1.193	-1.377	-1.533	-1.723	-1.983
2921	29.20	-2.304	-2.630	-2.886	-3.011	-2.988	-2.847	-2.648	-2.454	-2.298	-2.173
2931	29.30	-2.041	-1.859	-1.599	-1.266	-0.888	-0.520	-0.201	0.045	0.221	0.338
2941	29.40	0.414	0.456	0.461	0.430	0.367	0.292	0.229	0.199	0.205	0.231
2951	29.50	0.247	0.229	0.178	0.127	0.137	0.271	0.559	0.981	1.457	1.873
2961	29.60	2.118	2.129	1.920	1.578	1.232	1.001	0.946	1.048	1.221	1.351
2971	29.70	1.351	1.202	0.958	0.720	0.581	0.586	0.707	0.862	0.957	0.939
2981	29.80	0.820	0.673	0.585	0.606	0.713	0.812	0.786	0.560	0.152	-0.314
2991	29.90	-0.655	-0.706	-0.398	0.196	0.881	1.419	1.618	1.417	0.901	0.266

Table 7—26—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKAISUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-0.270	-0.555	-0.557	-0.363	-0.126	0.007	-0.043	-0.265	-0.580	-0.891
3011	30.10	-1.131	-1.285	-1.384	-1.471	-1.575	-1.688	-1.778	-1.805	-1.757	-1.667
3021	30.20	-1.512	-1.395	-1.317	-1.278	-1.256	-1.224	-1.177	-1.121	-1.071	-1.034
3031	30.30	-1.000	-0.943	-0.835	-0.667	-0.457	-0.244	-0.071	0.041	0.110	0.185
3041	30.40	0.326	0.572	0.923	1.332	1.728	2.047	2.258	2.374	2.436	2.489
3051	30.50	2.555	2.618	2.640	2.577	2.406	2.144	1.832	1.522	1.248	1.010
3061	30.60	0.779	0.515	0.190	-0.193	-0.601	-0.987	-1.308	-1.550	-1.723	-1.859
3071	30.70	-1.989	-2.126	-2.262	-2.373	-2.434	-2.437	-2.397	-2.340	-2.297	-2.281
3081	30.80	-2.285	-2.284	-2.253	-2.174	-2.052	-1.909	-1.771	-1.655	-1.560	-1.468
3091	30.90	-1.354	-1.199	-1.004	-0.792	-0.597	-0.448	-0.357	-0.308	-0.267	-0.195
3101	31.00	-0.066	0.127	0.357	0.591	0.803	0.989	1.177	1.419	1.776	2.276
3111	31.10	2.917	3.638	4.355	4.883	5.170	5.123	4.733	4.054	3.192	2.275
3121	31.20	1.426	0.734	0.240	-0.065	-0.227	-0.308	-0.366	-0.414	-0.465	-0.485
3131	31.30	-0.439	-0.303	-0.081	0.189	0.453	0.657	0.774	0.815	0.833	0.900
3141	31.40	1.081	1.401	1.852	2.298	2.699	2.939	2.958	2.742	2.321	1.746
3151	31.50	1.068	0.327	-0.447	-1.229	-1.981	-2.648	-3.176	-3.527	-3.705	-3.765
3161	31.60	-3.201	-3.915	-4.176	-4.592	-5.099	-5.582	-5.917	-6.012	-5.836	-5.417
3171	31.70	-4.836	-4.175	-3.498	-2.839	-2.202	-1.586	-0.997	-0.453	0.022	0.424
3181	31.80	0.777	1.133	1.550	2.063	2.662	3.280	3.818	4.180	4.310	4.218
3191	31.90	3.969	3.657	3.359	3.111	2.896	2.667	2.382	2.031	1.649	1.296
3201	32.00	1.028	0.858	0.750	0.625	0.399	0.021	-0.502	-1.108	-1.712	-2.234
3211	32.10	-2.636	-2.918	-3.105	-3.216	-3.241	-3.163	-2.882	-2.443	-1.863	-1.227
3221	32.20	-0.662	-0.190	0.107	0.298	0.477	0.737	1.125	1.612	2.109	2.501
3231	32.30	2.709	2.716	2.581	2.405	2.284	2.269	2.351	2.472	2.561	2.572
3241	32.40	2.502	2.383	2.258	2.156	2.072	1.978	1.840	1.666	1.409	1.162
3251	32.50	0.936	0.736	0.539	0.302	-0.008	-0.393	-0.815	-1.216	-1.538	-1.758
3261	32.60	-1.897	-2.006	-2.141	-2.330	-2.556	-2.774	-2.926	-2.983	-2.951	-2.868
3271	32.70	-2.775	-2.690	-2.589	-2.421	-2.133	-1.706	-1.176	-0.614	-0.113	0.272
3281	32.80	0.561	0.768	0.969	1.260	1.620	1.985	2.257	2.350	2.231	1.942
3291	32.90	1.582	1.272	1.098	1.091	1.217	1.405	1.584	1.706	1.763	1.765
3301	33.00	1.726	1.638	1.478	1.215	0.837	0.364	-0.152	-0.667	-1.070	-1.405
3311	33.10	-1.673	-1.915	-2.173	-2.463	-2.766	-3.033	-3.220	-3.292	-3.242	-3.091
3321	33.20	-2.876	-2.630	-2.378	-2.131	-1.897	-1.684	-1.502	-1.360	-1.256	-1.168
3331	33.30	-1.060	-0.891	-0.632	-0.280	0.135	0.560	0.935	1.213	1.370	1.414
3341	33.40	1.371	1.274	1.150	1.014	0.867	0.705	0.529	0.350	0.192	0.088
3351	33.50	0.075	0.189	0.456	0.884	1.464	2.161	2.918	3.658	4.298	4.759
3361	33.60	4.982	4.942	4.652	4.160	3.540	2.875	2.244	1.703	1.281	0.974
3371	33.70	0.756	0.580	0.408	0.205	-0.042	-0.332	-0.646	-0.958	-1.244	-1.489
3381	33.80	-1.690	-1.853	-1.992	-2.125	-2.266	-2.426	-2.603	-2.786	-2.952	-3.068
3391	33.90	-3.102	-3.030	-2.845	-2.569	-2.239	-1.906	-1.609	-1.364	-1.154	-0.940
3401	34.00	-0.680	-0.352	0.021	0.370	0.600	0.618	0.376	-0.108	-0.744	-1.397
3411	34.10	-1.932	-2.255	-2.348	-2.263	-2.106	-1.982	-1.964	-2.056	-2.204	-2.318
3421	34.20	-2.315	-2.152	-1.842	-1.450	-1.062	-0.750	-0.565	-0.430	-0.352	-0.246
3431	34.30	-0.067	0.197	0.523	0.867	1.189	1.470	1.721	1.973	2.258	2.587
3441	34.40	2.940	3.268	3.507	3.600	3.519	3.275	2.910	2.483	2.045	1.641
3451	34.50	1.268	0.917	0.574	0.230	-0.101	-0.390	-0.600	-0.703	-0.693	-0.588
3461	34.60	-0.431	-0.265	-0.126	-0.023	0.058	0.152	0.295	0.504	0.768	1.049
3471	34.70	1.291	1.440	1.469	1.384	1.226	1.056	0.928	0.873	0.882	0.915
3481	34.80	0.913	0.828	0.638	0.360	0.040	-0.260	-0.487	-0.614	-0.645	-0.605
3491	34.90	-0.530	-0.449	-0.375	-0.308	-0.242	-0.172	-0.103	-0.051	-0.029	-0.046

Table 7—26—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKAISUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3501	35.00	-0.093	-0.150	-0.188	-0.185	-0.128	-0.027	0.095	0.205	0.275	0.286
3511	35.10	0.235	0.141	0.031	-0.061	-0.105	-0.081	0.014	0.172	0.374	0.595
3521	35.20	0.816	1.022	1.202	1.351	1.458	1.507	1.477	1.346	1.105	0.762
3531	35.30	0.362	-0.111	-0.569	-0.932	-1.235	-1.451	-1.588	-1.658	-1.672	-1.635
3541	35.40	-1.553	-1.435	-1.304	-1.187	-1.115	-1.113	-1.185	-1.315	-1.468	-1.606
3551	35.50	-1.696	-1.716	-1.675	-1.590	-1.486	-1.389	-1.313	-1.265	-1.241	-1.233
3561	35.60	-1.227	-1.208	-1.166	-1.092	-0.986	-0.857	-0.716	-0.577	-0.447	-0.318
3571	35.70	-0.175	0.002	0.230	0.507	0.814	1.116	1.375	1.562	1.670	1.711
3581	35.80	1.713	1.709	1.720	1.754	1.803	1.852	1.885	1.890	1.865	1.804
3591	35.90	1.717	1.607	1.482	1.360	1.263	1.219	1.249	1.359	1.535	1.743
3601	36.00	1.939	2.083	2.149	2.132	2.063	1.904	1.732	1.532	1.303	1.036
3611	36.10	0.730	0.394	0.048	-0.285	-0.590	-0.864	-1.120	-1.378	-1.653	-1.944
3621	36.20	-2.229	-2.469	-2.627	-2.680	-2.635	-2.528	-2.417	-2.362	-2.407	-2.558
3631	36.30	-2.789	-3.044	-3.260	-3.385	-3.389	-3.274	-3.061	-2.781	-2.457	-2.103
3641	36.40	-1.719	-1.304	-0.857	-0.390	0.082	0.540	0.976	1.392	1.800	2.209
3651	36.50	2.614	2.992	3.306	3.507	3.562	3.457	3.206	2.849	2.433	2.093
3661	36.60	1.587	1.196	0.831	0.486	0.160	-0.139	-0.398	-0.606	-0.756	-0.849
3671	36.70	-0.892	-0.899	-0.884	-0.863	-0.850	-0.852	-0.869	-0.883	-0.865	-0.777
3681	36.80	-0.589	-0.293	0.083	0.475	0.802	0.985	0.968	0.753	0.378	-0.091
3691	36.90	-0.585	-1.058	-1.491	-1.886	-2.240	-2.537	-2.733	-2.778	-2.637	-2.316
3701	37.00	-1.872	-1.396	-0.982	-0.687	-0.514	-0.405	-0.277	-0.059	0.274	0.685
3711	37.10	1.098	1.430	1.633	1.715	1.737	1.773	1.881	2.063	2.269	2.419
3721	37.20	2.438	2.300	2.037	1.727	1.461	1.301	1.260	1.293	1.328	1.296
3731	37.30	1.160	0.926	0.638	0.365	0.080	-0.155	-0.378	-0.631	-0.932	-1.279
3741	37.40	-1.641	-1.974	-2.240	-2.421	-2.527	-2.582	-2.617	-2.650	-2.680	-2.686
3751	37.50	-2.638	-2.506	-2.268	-1.938	-1.467	-0.936	-0.365	0.202	0.708	1.100
3761	37.60	1.337	1.398	1.297	1.074	0.796	0.531	0.333	0.227	0.208	0.244
3771	37.70	0.295	0.330	0.338	0.330	0.332	0.372	0.462	0.600	0.762	0.913
3781	37.80	1.023	1.073	1.062	1.006	0.930	0.857	0.801	0.762	0.728	0.686
3791	37.90	0.624	0.560	0.446	0.358	0.292	0.253	0.233	0.214	0.177	0.090
3801	38.00	-0.032	-0.176	-0.298	-0.363	-0.337	-0.208	0.011	0.283	0.562	0.802
3811	38.10	0.973	1.065	1.086	1.061	1.016	0.972	0.958	0.958	0.965	0.956
3821	38.20	0.907	0.799	0.626	0.402	0.154	-0.077	-0.255	-0.351	-0.361	-0.297
3831	38.30	-0.192	-0.083	-0.007	0.008	-0.057	-0.217	-0.479	-0.840	-1.283	-1.748
3841	38.40	-2.234	-2.608	-2.820	-2.830	-2.640	-2.294	-1.864	-1.423	-1.019	-0.659
3851	38.50	-0.316	0.056	0.482	0.957	1.435	1.845	2.119	2.217	2.147	1.954
3861	38.60	1.709	1.475	1.292	1.163	1.063	0.952	0.794	0.568	0.272	-0.079
3871	38.70	-0.455	-0.818	-1.128	-1.350	-1.465	-1.479	-1.424	-1.353	-1.319	-1.357
3881	38.80	-1.468	-1.614	-1.737	-1.785	-1.756	-1.613	-1.475	-1.385	-1.376	-1.432
3891	38.90	-1.488	-1.457	-1.267	-0.895	-0.381	0.196	0.743	1.195	1.536	1.791
3901	39.00	2.005	2.216	2.435	2.652	2.848	3.019	3.181	3.365	3.591	3.849
3911	39.10	4.086	4.228	4.208	3.995	3.616	3.144	2.667	2.253	1.925	1.658
3921	39.20	1.406	1.125	0.802	0.452	0.105	-0.218	-0.522	-0.833	-1.178	-1.559
3931	39.30	-1.943	-2.273	-2.491	-2.576	-2.557	-2.499	-2.478	-2.533	-2.647	-2.751
3941	39.40	-2.761	-2.620	-2.336	-1.981	-1.660	-1.460	-1.410	-1.467	-1.541	-1.544
3951	39.50	-1.434	-1.237	-1.030	-0.899	-0.890	-0.985	-1.108	-1.166	-1.093	-0.890
3961	39.60	-0.616	-0.366	-0.219	-0.205	-0.299	-0.433	-0.539	-0.582	-0.566	-0.529
3971	39.70	-0.509	-0.521	-0.569	-0.554	-0.506	-0.397	-0.256	-0.119	-0.025	0.024
3981	39.80	0.063	0.142	0.302	0.550	0.847	1.128	1.330	1.422	1.420	1.373
3991	39.90	1.337	1.343	1.381	1.402	1.349	1.187	0.929	0.632	0.381	0.245

Table 7—26—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.252	0.376	0.550	0.693	0.751	0.710	0.604	0.491	0.426	0.439
4011	40.10	0.526	0.653	0.782	0.887	0.964	1.026	1.094	1.173	1.249	1.284
4021	40.20	1.232	1.059	0.757	0.352	-0.110	-0.568	-0.974	-1.302	-1.553	-1.745
4031	40.30	-1.908	-2.063	-2.218	-2.368	-2.497	-2.587	-2.627	-2.613	-2.550	-2.447
4041	40.40	-2.318	-2.172	-2.014	-1.848	-1.670	-1.475	-1.253	-0.998	-0.706	-0.389
4051	40.50	-0.065	0.235	0.483	0.680	0.762	0.808	0.828	0.850	0.892	0.952
4061	40.60	1.009	1.033	1.003	0.912	0.775	0.616	0.458	0.311	0.168	0.008
4071	40.70	-0.184	-0.410	-0.648	-0.863	-1.019	-1.095	-1.095	-1.048	-0.990	-0.931
4081	40.80	-0.937	-0.934	-0.919	-0.874	-0.804	-0.732	-0.694	-0.715	-0.783	-0.869
4091	40.90	-0.918	-0.881	-0.740	-0.521	-0.282	-0.092	-0.000	-0.014	-0.091	-0.162
4101	41.00	-0.155	-0.028	0.220	0.551	0.908	1.242	1.534	1.789	2.027	2.262
4111	41.10	2.485	2.665	2.751	2.717	2.562	2.324	2.064	1.847	1.709	1.643
4121	41.20	1.607	1.565	1.611	1.702	0.955	0.737	0.515	0.625	0.759	0.963
4131	41.30	1.165	1.300	1.361	1.304	1.238	1.200	1.228	1.324	1.451	1.554
4141	41.40	1.580	1.593	1.329	1.097	0.852	0.637	0.472	0.357	0.278	0.220
4151	41.50	0.180	0.164	0.183	0.238	0.315	0.383	0.405	0.352	0.216	0.017
4161	41.60	-0.205	-0.401	-0.535	-0.594	-0.590	-0.550	-0.506	-0.479	-0.470	-0.470
4171	41.70	-0.467	-0.458	-0.455	-0.479	-0.549	-0.647	-0.810	-0.937	-1.002	-0.975
4181	41.80	-0.855	-0.675	-0.490	-0.354	-0.295	-0.308	-0.356	-0.386	-0.359	-0.264
4191	41.90	-0.124	0.011	0.090	0.082	-0.014	-0.167	-0.332	-0.467	-0.547	-0.572
4201	42.00	-0.556	-0.520	-0.483	-0.455	-0.442	-0.450	-0.489	-0.564	-0.673	-0.800
4211	42.10	-0.914	-0.979	-0.974	-0.897	-0.777	-0.652	-0.560	-0.511	-0.484	-0.435
4221	42.20	-0.316	-0.103	0.193	0.518	0.802	0.976	1.005	0.887	0.654	0.347
4231	42.30	0.004	-0.353	-0.714	-1.066	-1.389	-1.653	-1.828	-1.902	-1.892	-1.840
4241	42.40	-1.797	-1.801	-1.850	-1.909	-1.916	-1.817	-1.591	-1.261	-0.884	-0.525
4251	42.50	-0.225	0.013	0.228	0.469	0.767	1.113	1.455	1.713	1.829	1.781
4261	42.60	1.605	1.376	1.180	1.081	1.090	1.176	1.277	1.336	1.326	1.258
4271	42.70	1.172	1.113	1.108	1.150	1.205	1.228	1.187	1.075	0.916	0.748
4281	42.80	0.610	0.513	0.445	0.366	0.233	0.014	-0.291	-0.653	-1.021	-1.340
4291	42.90	-1.574	-1.711	-1.770	-1.789	-1.805	-1.845	-1.912	-1.990	-2.046	-2.053
4301	43.00	-1.989	-1.853	-1.654	-1.411	-1.139	-0.852	-0.558	-0.266	0.011	0.256
4311	43.10	0.448	0.573	0.621	0.599	0.517	0.390	0.232	0.048	-0.158	-0.383
4321	43.20	-0.616	-0.842	-1.042	-1.199	-1.307	-1.371	-1.405	-1.425	-1.441	-1.456
4331	43.30	-1.467	-1.471	-1.470	-1.470	-1.479	-1.499	-1.520	-1.517	-1.462	-1.332
4341	43.40	-1.121	-0.844	-0.535	-0.231	0.043	0.276	0.479	0.673	0.872	1.080
4351	43.50	1.284	1.462	1.591	1.666	1.687	1.678	1.659	1.644	1.637	1.633
4361	43.60	1.624	1.602	1.569	1.527	1.480	1.429	1.370	1.302	1.226	1.155
4371	43.70	1.104	1.085	1.103	1.167	1.192	1.216	1.202	1.156	1.101	1.070
4381	43.80	1.094	1.187	1.361	1.529	1.712	1.858	1.963	1.963	1.924	1.849
4391	43.90	1.725	1.588	1.469	1.286	1.136	0.998	0.873	0.759	0.667	0.528
4401	44.00	0.395	0.251	0.107	-0.025	-0.133	-0.214	-0.277	-0.335	-0.399	-0.476
4411	44.10	-0.564	-0.651	-0.731	-0.797	-0.852	-0.901	-0.951	-1.001	-1.042	-1.066
4421	44.20	-1.064	-1.060	-1.005	-0.974	-0.962	-0.973	-1.000	-1.029	-1.045	-1.043
4431	44.30	-1.029	-1.016	-1.016	-1.035	-1.065	-1.091	-1.100	-1.086	-1.060	-1.038
4441	44.40	-1.032	-1.060	-1.060	-0.993	-0.866	-0.644	-0.346	-0.026	0.249	0.420
4451	44.50	0.464	0.404	0.304	0.245	0.289	0.460	0.733	1.044	1.319	1.501
4461	44.60	1.571	1.549	1.478	1.406	1.362	1.349	1.350	1.344	1.320	1.283
4471	44.70	1.250	1.240	1.259	1.294	1.322	1.322	1.284	1.218	1.147	1.094
4481	44.80	1.062	1.033	0.971	0.837	0.611	0.303	-0.050	-0.398	-0.699	-0.934
4491	44.90	-1.115	-1.272	-1.435	-1.622	-1.826	-2.027	-2.199	-2.330	-2.420	-2.481

Table 7—26—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.517	-2.519	-2.460	-2.312	-2.059	-1.719	-1.344	-1.002	-0.759	-0.644
4511	45.10	-0.642	-0.702	-0.755	-0.752	-0.682	-0.571	-0.471	-0.427	-0.456	-0.535
4521	45.20	-0.614	-0.639	-0.574	-0.424	-0.224	-0.028	0.119	0.191	0.191	0.141
4531	45.30	0.070	-0.001	-0.084	-0.122	-0.181	-0.243	-0.309	-0.370	-0.418	-0.445
4541	45.40	-0.462	-0.402	-0.323	-0.211	-0.082	0.035	0.109	0.122	0.079	0.012
4551	45.50	-0.024	0.022	0.171	0.405	0.665	0.878	0.992	1.005	0.974	0.988
4561	45.60	1.131	1.439	1.874	2.336	2.702	2.875	2.830	2.615	2.329	2.074
4571	45.70	1.909	1.825	1.762	1.642	1.516	1.387	1.243	0.974	0.730	0.588
4581	45.80	-0.068	-0.128	-0.249	-0.458	-0.739	-1.055	-1.337	-1.558	-1.742	-1.902
4591	45.90	-2.060	-2.213	-2.337	-2.394	-2.363	-2.256	-2.120	-2.019	-2.001	-2.075
4601	46.00	-2.200	-2.305	-2.318	-2.203	-1.969	-1.666	-1.352	-1.086	-0.806	-0.537
4611	46.10	-0.218	0.170	0.597	0.996	1.282	1.397	1.331	1.135	0.893	0.686
4621	46.20	0.560	0.505	0.468	0.389	0.227	-0.009	-0.268	-0.484	-0.607	-0.628
4631	46.30	-0.579	-0.518	-0.488	-0.497	-0.505	-0.449	-0.270	0.046	0.459	0.883
4641	46.40	1.218	1.394	1.396	1.272	1.103	0.990	0.971	1.052	1.187	1.312
4651	46.50	1.373	1.352	1.268	1.167	1.091	1.065	1.083	1.121	1.149	1.149
4661	46.60	1.122	1.083	1.051	1.036	1.028	1.014	0.976	0.907	0.818	0.727
4671	46.70	0.654	0.607	0.581	0.557	0.511	0.429	0.308	0.157	-0.012	-0.186
4681	46.80	-0.363	-0.539	-0.707	-0.852	-0.945	-0.956	-0.863	-0.665	-0.386	-0.075
4691	46.90	0.214	0.427	0.530	0.513	0.385	0.169	-0.112	-0.435	-0.788	-1.155
4701	47.00	-1.534	-1.913	-2.278	-2.610	-2.884	-3.075	-3.159	-3.120	-2.959	-2.693
4711	47.10	-2.360	-2.004	-1.670	-1.388	-1.162	-0.975	-0.798	-0.603	-0.379	-0.137
4721	47.20	0.101	0.310	0.480	0.627	0.788	1.005	1.305	1.683	2.101	2.495
4731	47.30	2.799	2.966	2.986	2.886	2.720	2.546	2.408	2.325	2.280	2.253
4741	47.40	2.213	2.140	2.034	1.907	1.778	1.659	1.554	1.449	1.325	1.166
4751	47.50	0.964	0.729	0.480	0.244	0.043	-0.113	-0.224	-0.298	-0.342	-0.355
4761	47.60	-0.326	-0.240	-0.092	0.107	0.321	0.497	0.585	0.551	0.395	0.150
4771	47.70	-0.129	-0.388	-0.593	-0.740	-0.842	-0.941	-1.035	-1.123	-1.175	-1.161
4781	47.80	-1.069	-0.915	-0.746	-0.617	-0.569	-0.609	-0.705	-0.804	-0.859	-0.851
4791	47.90	-0.799	-0.756	-0.777	-0.893	-1.098	-1.350	-1.588	-1.765	-1.862	-1.897
4801	48.00	-1.908	-1.930	-1.973	-2.017	-2.024	-1.955	-1.795	-1.559	-1.290	-1.037
4811	48.10	-0.836	-0.695	-0.600	-0.520	-0.432	-0.326	-0.209	-0.099	-0.007	0.068
4821	48.20	0.142	0.231	0.342	0.466	0.575	0.632	0.613	0.509	0.360	0.180
4831	48.30	-0.051	-0.205	-0.313	-0.385	-0.439	-0.490	-0.547	-0.603	-0.645	-0.664
4841	48.40	-0.658	-0.635	-0.608	-0.586	-0.569	-0.541	-0.476	-0.351	-0.148	0.129
4851	48.50	0.459	0.808	1.136	1.412	1.617	1.748	1.810	1.816	1.777	1.704
4861	48.60	1.611	1.516	1.438	1.400	1.413	1.469	1.537	1.568	1.506	1.312
4871	48.70	0.972	0.515	0.000	-0.495	-0.901	-1.177	-1.314	-1.339	-1.298	-1.233
4881	48.80	-1.172	-1.123	-1.074	-1.012	-0.925	-0.819	-0.706	-0.607	-0.535	-0.492
4891	48.90	-0.467	-0.440	-0.391	-0.311	-0.199	-0.072	0.066	0.151	0.166	0.149
4901	49.00	0.090	0.017	-0.043	-0.083	-0.033	0.042	0.140	0.233	0.295	0.316
4911	49.10	0.301	0.270	0.251	0.266	0.320	0.402	0.509	0.603	0.678	0.729
4921	49.20	0.783	0.798	0.811	0.832	0.845	0.846	0.832	0.809	0.783	0.764
4931	49.30	0.754	0.751	0.748	0.736	0.710	0.667	0.606	0.524	0.420	0.296
4941	49.40	0.162	0.036	-0.057	-0.092	-0.057	0.045	0.192	0.350	0.491	0.595
4951	49.50	0.659	0.690	0.694	0.666	0.589	0.440	0.203	-0.115	-0.482	-0.869
4961	49.60	-1.161	-1.382	-1.502	-1.536	-1.517	-1.475	-1.429	-1.380	-1.321	-1.245
4971	49.70	-1.152	-1.051	-0.953	-0.860	-0.765	-0.657	-0.525	-0.368	-0.198	-0.027
4981	49.80	0.144	0.332	0.571	0.896	1.317	1.804	2.284	2.663	2.864	2.855
4991	49.90	2.670	2.395	2.133	1.960	1.891	1.877	1.829	1.663	1.343	0.899

Table 7--26—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.415	-0.001	-0.266	-0.356	-0.298	-0.177	-0.075	-0.050	-0.115	-0.241
5011	50.10	-0.380	-0.487	-0.544	-0.559	-0.565	-0.600	-0.693	-0.857	-1.086	-1.357
5021	50.20	-1.638	-1.895	-2.097	-2.224	-2.275	-2.268	-2.233	-2.205	-2.203	-2.226
5031	50.30	-2.234	-2.187	-2.042	-1.781	-1.428	-1.037	-0.674	-0.392	-0.208	-0.101
5041	50.40	-0.026	0.066	0.194	0.358	0.530	0.680	0.806	0.921	1.071	1.285
5051	50.50	1.566	1.870	2.133	2.281	2.272	2.111	1.852	1.564	1.309	1.107
5061	50.60	0.939	0.761	0.537	0.263	-0.024	-0.262	-0.401	-0.430	-6.387	-0.350
5071	50.70	-0.369	-0.580	-0.881	-1.239	-1.566	-1.787	-1.872	-1.842	-1.752	-1.656
5081	50.80	-1.583	-1.524	-1.442	-1.299	-1.080	-0.804	-0.516	-0.266	-0.081	0.044
5091	50.90	0.134	0.221	0.312	0.386	0.399	0.309	0.102	-0.192	-0.509	-0.773
5101	51.00	-0.930	-0.966	-0.917	-0.844	-0.805	-0.833	-0.924	-1.041	-1.142	-1.192
5111	51.10	-1.181	-1.116	-1.009	-0.867	-0.685	-0.458	-0.191	0.090	0.344	0.532
5121	51.20	0.636	0.679	0.715	0.815	1.030	1.366	1.774	2.166	2.452	2.572
5131	51.30	2.525	2.363	2.168	2.013	1.932	1.910	1.891	1.812	1.631	1.354
5141	51.40	1.026	0.716	0.486	0.367	0.348	0.386	0.422	0.412	0.335	0.202
5151	51.50	0.046	-0.095	-0.189	-0.226	-0.213	-0.169	-0.118	-0.080	-0.065	-0.069
5161	51.60	-0.087	-0.110	-0.137	-0.177	-0.243	-0.353	-0.511	-0.708	-0.918	-1.104
5171	51.70	-1.231	-1.283	-1.272	-1.234	-1.220	-1.269	-1.391	-1.555	-1.698	-1.744
5181	51.80	-1.633	-1.351	-0.952	-0.452	-0.003	0.340	0.542	0.611	0.590	0.534
5191	51.90	0.485	0.464	0.469	0.487	0.513	0.550	0.614	0.718	0.858	1.008
5201	52.00	1.126	1.165	1.099	0.928	0.686	0.427	0.205	0:056	-0.011	-0.016
5211	52.10	0.008	0.027	0.017	-0.027	-0.098	-0.182	-0.263	-0.328	-0.368	-0.374
5221	52.20	-0.341	-0.268	-0.160	-0.030	0.108	0.240	0.361	0.474	0.587	0.708
5231	52.30	0.831	0.942	1.016	1.033	0.987	0.890	0.768	0.651	0.556	0.479
5241	52.40	0.397	0.281	0.111	-0.107	-0.341	-0.544	-0.674	-0.711	-0.665	-0.570
5251	52.50	-0.472	-0.405	-0.385	-0.404	-0.439	-0.469	-0.484	-0.484	-0.479	-0.476
5261	52.60	-0.478	-0.481	-0.479	-0.473	-0.468	-0.474	-0.496	-0.527	-0.550	-0.563
5271	52.70	-0.493	-0.403	-0.294	-0.196	-0.136	-0.124	-0.159	-0.187	-0.216	-0.224
5281	52.80	-0.215	-0.200	-0.187	-0.170	-0.125	-0.026	0.139	0.358	0.592	0.788
5291	52.90	0.906	0.938	0.911	0.877	0.882	0.943	1.031	1.086	1.040	0.854
5301	53.00	0.539	0.154	-0.215	-0.496	-0.655	-0.714	-0.730	-0.766	-0.863	-1.014
5311	53.10	-1.176	-1.292	-1.316	-1.242	-1.097	-0.930	-0.783	-0.669	-0.564	-0.423
5321	53.20	-0.200	0.123	0.525	0.946	1.311	1.549	1.622	1.530	1.314	1.032
5331	53.30	0.749	0.510	0.335	0.219	0.135	0.055	-0.043	-0.160	-0.282	-0.380
5341	53.40	-0.427	-0.410	-0.341	-0.253	-0.195	-0.206	-0.302	-0.463	-0.638	-0.761
5351	53.50	-0.775	-0.659	-0.433	-0.157	0.096	0.261	0.306	0.239	0.099	-0.064
5361	53.60	-0.210	-0.318	-0.395	-0.461	-0.533	-0.620	-0.711	-0.787	-0.828	-0.824
5371	53.70	-0.776	-0.696	-0.598	-0.493	-0.383	-0.265	-0.136	0.009	0.161	0.314
5381	53.80	0.465	0.612	0.762	0.920	1.089	1.265	1.438	1.596	1.729	1.836
5391	53.90	1.926	2.009	2.092	2.175	2.247	2.293	2.295	2.242	2.132	1.970
5401	54.00	1.767	1.533	1.279	1.015	0.750	0.495	0.262	0.062	-0.103	-0.238
5411	54.10	-0.351	-0.457	-0.565	-0.678	-0.795	-0.914	-1.030	-1.147	-1.267	-1.392
5421	54.20	-1.515	-1.624	-1.703	-1.737	-1.727	-1.685	-1.633	-1.593	-1.579	-1.585
5431	54.30	-1.593	-1.581	-1.534	-1.457	-1.370	-1.302	-1.276	-1.296	-1.337	-1.370
5441	54.40	-1.358	-1.283	-1.152	-0.996	-0.853	-0.756	-0.718	-0.731	-0.771	-0.817
5451	54.50	-0.855	-0.884	-0.914	-0.951	-0.990	-1.017	-1.012	-0.966	-0.876	-0.769
5461	54.60	-0.674	-0.616	-0.602	-0.621	-0.640	-0.626	-0.558	-0.432	-0.269	-0.098
5471	54.70	0.055	0.176	0.269	0.353	0.449	0.571	0.725	0.901	1.088	1.269
5481	54.80	1.433	1.572	1.678	1.742	1.755	1.707	1.598	1.435	1.238	1.029
5491	54.90	0.830	0.656	0.510	0.386	0.276	0.173	0.078	0.004	-0.035	-0.024

Table 7--26—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.038	0.144	0.271	0.393	0.483	0.527	0.525	0.489	0.436	0.391
5511	55.10	0.357	0.340	0.333	0.329	0.322	0.315	0.299	0.289	0.282	0.276
5521	55.20	0.270	0.267	0.272	0.299	0.356	0.439	0.532	0.606	0.632	0.592
5531	55.30	0.491	0.355	0.225	0.139	0.111	0.126	0.148	0.138	0.075	-0.025
5541	55.40	-0.114	-0.128	-0.015	0.242	0.614	1.032	1.414	1.693	1.838	1.859
5551	55.50	1.795	1.698	1.605	1.539	1.501	1.485	1.482	1.490	1.504	1.516
5561	55.60	1.509	1.463	1.363	1.212	1.028	0.844	0.687	0.567	0.463	0.337
5571	55.70	0.147	-0.129	-0.478	-0.857	-1.205	-1.474	-1.646	-1.740	-1.801	-1.877
5581	55.80	-1.995	-2.150	-2.308	-2.429	-2.481	-2.464	-2.401	-2.329	-2.275	-2.245
5591	55.90	-2.220	-2.167	-2.059	-1.888	-1.673	-1.449	-1.250	-1.096	-0.983	-0.889
5601	56.00	-0.785	-0.649	-0.477	-0.278	-0.073	0.124	0.303	0.466	0.619	0.763
5611	56.10	0.895	1.004	1.079	1.116	1.121	1.103	1.075	1.046	1.016	0.985
5621	56.20	0.952	0.920	0.899	0.898	0.917	0.946	0.966	0.967	0.881	0.769
5631	56.30	0.633	0.505	0.412	0.366	0.358	0.360	0.346	0.297	0.219	0.134
5641	56.40	0.074	0.060	0.092	0.148	0.193	0.198	0.151	0.066	-0.028	-0.102
5651	56.50	-0.143	-0.162	-0.191	-0.264	-0.403	-0.600	-0.820	-1.012	-1.135	-1.169
5661	56.60	-1.126	-1.042	-0.958	-0.903	-0.880	-0.872	-0.849	-0.789	-0.689	-0.563
5671	56.70	-0.437	-0.331	-0.248	-0.174	-0.078	0.063	0.260	0.498	0.765	0.960
5681	56.80	1.113	1.185	1.178	1.100	0.961	0.764	0.504	0.180	-0.196	-0.596
5691	56.90	-0.974	-1.279	-1.469	-1.527	-1.464	-1.317	-1.136	-0.971	-0.857	-0.810
5701	57.00	-0.827	-0.895	-0.995	-1.112	-1.231	-1.339	-1.421	-1.459	-1.436	-1.341
5711	57.10	-1.174	-0.947	-0.685	-0.421	-0.184	0.007	0.150	0.260	0.366	0.488
5721	57.20	0.653	0.857	1.083	1.294	1.453	1.525	1.498	1.376	1.188	0.966
5731	57.30	0.766	0.549	0.385	0.253	0.144	0.057	-0.007	-0.037	-0.025	0.034
5741	57.40	0.134	0.257	0.381	0.481	0.542	0.555	0.524	0.463	0.390	0.326
5751	57.50	0.290	0.294	0.345	0.436	0.550	0.663	0.748	0.785	0.770	0.714
5761	57.60	0.642	0.583	0.558	0.571	0.606	0.632	0.615	0.529	0.371	0.156
5771	57.70	-0.081	-0.300	-0.470	-0.572	-0.607	-0.593	-0.555	-0.515	-0.488	-0.477
5781	57.80	-0.471	-0.453	-0.405	-0.314	-0.182	-0.024	0.131	0.247	0.298	0.271
5791	57.90	0.174	0.037	-0.103	-0.211	-0.269	-0.281	-0.269	-0.266	-0.297	-0.371
5801	58.00	-0.477	-0.586	-0.668	-0.702	-0.681	-0.618	-0.533	-0.468	-0.371	-0.303
5811	58.10	-0.235	-0.161	-0.081	-0.010	0.032	0.027	-0.035	-0.145	-0.282	-0.415
5821	58.20	-0.514	-0.563	-0.561	-0.522	-0.467	-0.419	-0.395	-0.398	-0.426	-0.468
5831	58.30	-0.511	-0.543	-0.553	-0.532	-0.474	-0.373	-0.229	-0.049	0.153	0.356
5841	58.40	0.538	0.683	0.787	0.860	0.926	1.008	1.126	1.282	1.458	1.625
5851	58.50	1.752	1.813	1.813	1.759	1.683	1.610	1.554	1.511	1.462	1.380
5861	58.60	1.269	1.063	0.838	0.600	0.377	0.195	0.068	0.001	-0.010	0.026
5871	58.70	0.095	0.176	0.247	0.285	0.278	0.229	0.156	0.092	0.067	0.092
5881	58.80	0.156	0.224	0.256	0.224	0.133	0.024	-0.068	-0.033	0.078	0.247
5891	58.90	0.393	0.429	0.292	-0.020	-0.451	-0.903	-1.278	-1.513	-1.606	-1.605
5901	59.00	-1.582	-1.592	-1.650	-1.725	-1.761	-1.708	-1.551	-1.317	-1.063	-0.850
5911	59.10	-0.708	-0.634	-0.589	-0.531	-0.435	-0.312	-0.200	-0.147	-0.178	-0.285
5921	59.20	-0.422	-0.536	-0.575	-0.559	-0.455	-0.374	-0.363	-0.379	-0.463	-0.550
5931	59.30	-0.592	-0.569	-0.496	-0.418	-0.386	-0.427	-0.530	-0.643	-0.696	-0.627
5941	59.40	-0.421	-0.100	0.272	0.624	0.901	1.081	1.175	1.213	1.220	1.205
5951	59.50	1.159	1.047	0.924	0.750	0.584	0.470	0.437	0.482	0.571	0.652
5961	59.60	0.677	0.627	0.519	0.391	0.288	0.253	0.218	0.211	0.172	0.081
5971	59.70	-0.051	-0.183	-0.269	-0.278	-0.215	-0.121	-0.052	-0.049	-0.117	-0.219
5981	59.80	-0.291	-0.275	-0.143	0.082	0.344	0.575	0.731	0.803	0.820	0.824
5991	59.90	0.842	0.870	0.876	0.820	0.685	0.494	0.308	0.201	0.223	0.374

Table 7—26—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.599	0.811	0.928	0.911	0.778	0.590	0.418	0.307	0.258	0.231
6011	60.10	0.178	0.070	-0.074	-0.204	-0.261	-0.217	-0.098	0.023	0.057	-0.056
6021	60.20	-0.351	-0.637	-0.919	-1.054	-0.996	-0.777	-0.493	-0.260	-0.159	-0.209
6031	60.30	-0.357	-0.513	-0.598	-0.578	-0.483	-0.384	-0.356	-0.437	-0.610	-0.811
6041	60.40	-0.966	-1.026	-0.987	-0.902	-0.840	-0.857	-0.969	-1.139	-1.306	-1.405
6051	60.50	-1.408	-1.328	-1.215	-1.128	-1.106	-1.154	-1.238	-1.312	-1.335	-1.293
6061	60.60	-1.204	-1.102	-1.021	-0.972	-0.966	-0.915	-0.851	-0.745	-0.606	-0.463
6071	60.70	-0.343	-0.265	-0.222	-0.196	-0.162	-0.104	-0.027	0.051	0.109	0.136
6081	60.80	0.138	0.141	0.178	0.273	0.435	0.655	0.914	1.193	1.482	1.780
6091	60.90	2.086	2.389	2.660	2.862	2.962	2.947	2.838	2.680	2.527	2.415
6101	61.00	2.339	2.259	2.114	1.860	1.494	1.074	0.693	0.447	0.389	0.500
6111	61.10	0.692	0.840	0.837	0.637	0.277	-0.143	-0.503	-0.713	-0.752	-0.671
6121	61.20	-0.559	-0.501	-0.536	-0.647	-0.767	-0.827	-0.784	-0.646	-0.463	-0.300
6131	61.30	-0.207	-0.193	-0.235	-0.290	-0.327	-0.339	-0.343	-0.361	-0.404	-0.456
6141	61.40	-0.479	-0.460	-0.328	-0.168	-0.014	0.079	0.083	0.010	-0.088	-0.144
6151	61.50	-0.113	0.008	0.179	0.332	0.412	0.395	0.303	0.187	0.098	0.061
6161	61.60	0.064	0.064	0.016	-0.103	-0.278	-0.464	-0.608	-0.676	-0.669	-0.624
6171	61.70	-0.592	-0.615	-0.710	-0.859	-1.025	-1.167	-1.262	-1.307	-1.317	-1.313
6181	61.80	-1.305	-1.293	-1.268	-1.220	-1.148	-1.062	-0.979	-0.911	-0.863	-0.831
6191	61.90	-0.804	-0.770	-0.728	-0.680	-0.631	-0.587	-0.545	-0.501	-0.450	-0.392
6201	62.00	-0.335	-0.290	-0.267	-0.270	-0.295	-0.332	-0.371	-0.405	-0.431	-0.449
6211	62.10	-0.458	-0.454	-0.428	-0.375	-0.293	-0.186	-0.065	0.063	0.196	0.340
6221	62.20	0.503	0.688	0.888	1.079	1.232	1.321	1.338	1.293	1.215	1.136
6231	62.30	1.080	1.049	1.029	0.995	0.928	0.825	0.704	0.596	0.533	0.529
6241	62.40	0.578	0.654	0.723	0.755	0.745	0.700	0.643	0.600	0.586	0.602
6251	62.50	0.634	0.662	0.669	0.649	0.610	0.568	0.540	0.536	0.556	0.587
6261	62.60	0.611	0.612	0.584	0.533	0.477	0.439	0.443	0.498	0.600	0.727
6271	62.70	0.858	0.929	0.942	0.872	0.725	0.516	0.274	0.030	-0.190	-0.366
6281	62.80	-0.493	-0.576	-0.629	-0.669	-0.708	-0.745	-0.768	-0.752	-0.669	-0.505
6291	62.90	-0.267	0.013	0.281	0.479	0.569	0.545	0.440	0.315	0.235	0.238
6301	63.00	0.327	0.458	0.564	0.584	0.491	0.304	0.088	-0.072	-0.106	0.012
6311	63.10	0.256	0.555	0.818	0.972	0.979	0.855	0.653	0.441	0.280	0.200
6321	63.20	0.198	0.246	0.305	0.343	0.346	0.319	0.279	0.248	0.236	0.246
6331	63.30	0.265	0.277	0.267	0.224	0.144	0.039	-0.119	-0.296	-0.500	-0.726
6341	63.40	-0.965	-1.202	-1.418	-1.593	-1.713	-1.770	-1.768	-1.717	-1.631	-1.520
6351	63.50	-1.394	-1.259	-1.123	-0.999	-0.903	-0.849	-0.846	-0.888	-0.956	-1.027
6361	63.60	-1.078	-1.093	-1.095	-1.088	-1.095	-1.126	-1.170	-1.199	-1.179	-1.085
6371	63.70	-0.918	-0.708	-0.503	-0.357	-0.303	-0.347	-0.463	-0.606	-0.728	-0.797
6381	63.80	-0.799	-0.743	-0.643	-0.515	-0.362	-0.186	0.016	0.236	0.457	0.652
6391	63.90	0.799	0.885	0.912	0.896	0.858	0.816	0.779	0.746	0.708	0.667
6401	64.00	0.627	0.596	0.583	0.592	0.616	0.639	0.645	0.623	0.571	0.497
6411	64.10	0.412	0.326	0.241	0.153	0.060	-0.040	-0.137	-0.219	-0.274	-0.298
6421	64.20	-0.300	-0.297	-0.306	-0.332	-0.363	-0.371	-0.323	-0.195	0.018	0.291
6431	64.30	0.580	0.836	1.020	1.113	1.119	1.058	0.957	0.835	0.701	0.558
6441	64.40	0.408	0.256	0.116	0.003	-0.076	-0.122	-0.150	-0.179	-0.224	-0.287
6451	64.50	-0.354	-0.407	-0.427	-0.409	-0.367	-0.325	-0.306	-0.325	-0.375	-0.431
6461	64.60	-0.465	-0.456	-0.400	-0.313	-0.221	-0.149	-0.106	-0.084	-0.065	-0.030
6471	64.70	0.028	0.100	0.165	0.199	0.190	0.142	0.075	0.017	-0.011	-0.002
6481	64.80	0.038	0.092	0.147	0.194	0.236	0.275	0.314	0.343	0.352	0.328
6491	64.90	0.274	0.207	0.159	0.165	0.247	0.401	0.600	0.796	0.943	1.011

Table 7—26—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.997	0.924	0.851	0.756	0.719	0.719	0.735	0.738	0.708	0.638
6511	65.10	0.537	0.426	0.328	0.254	0.205	0.171	0.134	0.084	0.015	-0.064
6521	65.20	-0.144	-0.214	-0.269	-0.311	-0.349	-0.393	-0.447	-0.508	-0.568	-0.617
6531	65.30	-0.650	-0.670	-0.690	-0.725	-0.787	-0.877	-0.981	-1.077	-1.139	-1.150
6541	65.40	-1.109	-1.030	-0.936	-0.849	-0.783	-0.735	-0.684	-0.615	-0.513	-0.378
6551	65.50	-0.226	-0.078	0.047	0.143	0.218	0.292	0.387	0.515	0.677	0.858
6561	65.60	1.034	1.180	1.278	1.320	1.307	1.245	1.146	1.023	0.892	0.769
6571	65.70	0.670	0.604	0.571	0.562	0.559	0.541	0.493	0.409	0.296	0.165
6581	65.80	0.031	-0.095	-0.221	-0.338	-0.450	-0.549	-0.625	-0.666	-0.667	-0.638
6591	65.90	-0.600	-0.583	-0.611	-0.694	-0.820	-0.957	-1.067	-1.113	-1.079	-0.970
6601	66.00	-0.810	-0.635	-0.474	-0.345	-0.250	-0.173	-0.095	0.004	0.130	0.278
6611	66.10	0.432	0.568	0.668	0.721	0.732	0.717	0.698	0.695	0.717	0.760
6621	66.20	0.803	0.823	0.796	0.717	0.596	0.460	0.341	0.269	0.251	0.278
6631	66.30	0.319	0.338	0.301	0.194	0.023	-0.188	-0.404	-0.591	-0.728	-0.812
6641	66.40	-0.858	-0.896	-0.957	-1.065	-1.226	-1.418	-1.601	-1.719	-1.723	-1.583
6651	66.50	-1.303	-0.923	-0.510	-0.139	0.134	0.280	0.310	0.264	0.190	0.128
6661	66.60	0.097	0.090	0.087	0.071	0.038	0.002	-0.010	0.024	0.112	0.240
6671	66.70	0.375	0.480	0.529	0.516	0.458	0.384	0.325	0.299	0.308	0.339
6681	66.80	0.373	0.391	0.383	0.348	0.293	0.226	0.156	0.089	0.026	-0.023
6691	66.90	-0.059	-0.077	-0.074	-0.050	-0.006	0.052	0.120	0.193	0.267	0.339
6701	67.00	0.404	0.463	0.518	0.574	0.638	0.717	0.809	0.906	0.990	1.041
6711	67.10	1.040	0.983	0.875	0.735	0.586	0.447	0.328	0.225	0.129	0.031
6721	67.20	-0.070	-0.164	-0.238	-0.275	-0.269	-0.228	-0.169	-0.117	-0.091	-0.099
6731	67.30	-0.133	-0.177	-0.209	-0.218	-0.203	-0.176	-0.158	-0.167	-0.211	-0.287
6741	67.40	-0.379	-0.467	-0.535	-0.576	-0.596	-0.604	-0.612	-0.624	-0.639	-0.649
6751	67.50	-0.646	-0.629	-0.601	-0.571	-0.549	-0.535	-0.523	-0.501	-0.461	-0.402
6761	67.60	-0.339	-0.297	-0.300	-0.364	-0.481	-0.625	-0.759	-0.847	-0.870	-0.829
6771	67.70	-0.746	-0.653	-0.573	-0.516	-0.474	-0.431	-0.373	-0.297	-0.210	-0.128
6781	67.80	-0.059	-0.002	0.059	0.146	0.277	0.454	0.661	0.870	1.051	1.185
6791	67.90	1.271	1.324	1.364	1.411	1.469	1.532	1.585	1.614	1.614	1.586
6801	68.00	1.535	1.463	1.368	1.238	1.066	0.864	0.691	0.329	0.090	-0.099
6811	68.10	-0.219	-0.273	-0.277	-0.261	-0.253	-0.278	-0.344	-0.449	-0.575	-0.696
6821	68.20	-0.785	-0.822	-0.802	-0.732	-0.635	-0.540	-0.471	-0.436	-0.430	-0.431
6831	68.30	-0.416	-0.368	-0.291	-0.203	-0.134	-0.108	-0.131	-0.190	-0.257	-0.302
6841	68.40	-0.306	-0.270	-0.210	-0.169	-0.101	-0.066	-0.030	0.023	0.100	0.192
6851	68.50	0.274	0.321	0.322	0.288	0.251	0.246	0.295	0.394	0.513	0.610
6861	68.60	0.656	0.669	0.618	0.610	0.660	0.769	0.896	0.970	0.923	0.717
6871	68.70	0.374	-0.037	-0.420	-0.695	-0.827	-0.845	-0.820	-0.836	-0.945	-1.146
6881	68.80	-1.387	-1.583	-1.664	-1.599	-1.413	-1.179	-0.981	-0.882	-0.903	-1.014
6891	68.90	-1.157	-1.266	-1.296	-1.239	-1.115	-0.962	-0.815	-0.695	-0.607	-0.539
6901	69.00	-0.482	-0.430	-0.383	-0.346	-0.321	-0.300	-0.273	-0.224	-0.148	-0.046
6911	69.10	0.069	0.177	0.264	0.321	0.353	0.369	0.383	0.403	0.432	0.465
6921	69.20	0.497	0.523	0.543	0.565	0.594	0.635	0.686	0.739	0.784	0.811
6931	69.30	0.817	0.805	0.782	0.761	0.746	0.738	0.730	0.711	0.672	0.610
6941	69.40	0.531	0.447	0.370	0.311	0.270	0.240	0.212	0.176	0.127	0.069
6951	69.50	0.012	-0.033	-0.060	-0.067	-0.059	-0.045	-0.032	-0.025	-0.025	-0.028
6961	69.60	-0.033	-0.038	-0.043	-0.049	-0.056	-0.062	-0.066	-0.067	-0.067	-0.069
6971	69.70	-0.075	-0.085	-0.097	-0.105	-0.106	-0.101	-0.092	-0.088	-0.092	-0.105
6981	69.80	-0.121	-0.131	-0.131	-0.120	-0.105	-0.098	-0.105	-0.127	-0.156	-0.173
6991	69.90	-0.172	-0.153	-0.128	-0.111	-0.117	-0.145	-0.182	-0.207	-0.205	-0.174

Table 7—26—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	-0.134	-0.111	-0.126	-0.178	-0.244	-0.283	-0.259	-0.161	-0.012	0.139
7011	70.10	0.240	0.259	0.206	0.125	0.076	0.104	0.216	0.376	0.521	0.595
7021	70.20	0.578	0.493	0.399	0.361	0.414	0.549	0.718	0.854	0.911	0.878
7031	70.30	0.787	0.690	0.635	0.636	0.676	0.718	0.727	0.697	0.650	0.623
7041	70.40	0.654	0.709	0.779	0.792	0.693	0.462	0.127	-0.248	-0.587	-0.852
7051	70.50	-0.966	-1.009	-1.006	-0.998	-1.005	-1.020	-1.019	-0.980	-0.900	-0.797
7061	70.60	-0.704	-0.648	-0.636	-0.667	-0.646	-0.594	-0.472	-0.287	-0.070	0.136
7071	70.70	0.295	0.392	0.436	0.452	0.471	0.514	0.587	0.681	0.777	0.855
7081	70.80	0.904	0.920	0.910	0.884	0.854	0.826	0.803	0.784	0.769	0.758
7091	70.90	0.752	0.754	0.763	0.775	0.783	0.778	0.751	0.709	0.631	0.557
7101	71.00	0.493	0.447	0.417	0.386	0.329	0.221	0.054	-0.163	-0.401	-0.619
7111	71.10	-0.785	-0.884	-0.929	-0.952	-0.991	-1.073	-1.197	-1.336	-1.444	-1.476
7121	71.20	-1.409	-1.249	-1.032	-0.808	-0.626	-0.514	-0.475	-0.486	-0.516	-0.531
7131	71.30	-0.511	-0.452	-0.363	-0.259	-0.156	-0.065	0.010	0.071	0.122	0.169
7141	71.40	0.218	0.271	0.326	0.377	0.409	0.413	0.379	0.311	0.220	0.124
7151	71.50	0.044	-0.013	-0.046	-0.070	-0.102	-0.154	-0.228	-0.315	-0.400	-0.470
7161	71.60	-0.524	-0.572	-0.626	-0.698	-0.782	-0.861	-0.910	-0.908	-0.851	-0.754
7171	71.70	-0.647	-0.562	-0.518	-0.513	-0.529	-0.560	-0.528	-0.489	-0.438	-0.393
7181	71.80	-0.370	-0.370	-0.380	-0.382	-0.365	-0.333	-0.305	-0.304	-0.344	-0.420
7191	71.90	-0.503	-0.556	-0.546	-0.456	-0.297	-0.094	0.116	0.306	0.458	0.564
7201	72.00	0.619	0.610	0.524	0.353	0.112	-0.150	-0.398	-0.529	-0.503	-0.309
7211	72.10	0.015	0.391	0.730	0.961	1.056	1.033	0.945	0.855	0.807	0.816
7221	72.20	0.867	0.925	0.961	0.956	0.913	0.847	0.777	0.716	0.666	0.621
7231	72.30	0.571	0.513	0.445	0.373	0.300	0.229	0.163	0.102	0.050	0.011
7241	72.40	-0.010	-0.011	0.003	0.025	0.045	0.055	0.053	0.042	0.026	0.012
7251	72.50	-0.001	-0.011	-0.022	-0.031	-0.036	-0.033	-0.024	-0.015	-0.019	-0.049
7261	72.60	-0.114	-0.211	-0.324	-0.430	-0.506	-0.538	-0.527	-0.488	-0.443	-0.409
7271	72.70	-0.356	-0.397	-0.398	-0.383	-0.343	-0.280	-0.208	-0.144	-0.099	-0.075
7281	72.80	-0.066	-0.056	-0.032	0.012	0.071	0.132	0.180	0.203	0.198	0.172
7291	72.90	0.136	0.105	0.088	0.086	0.097	0.112	0.122	0.120	0.102	0.067
7301	73.00	0.018	-0.044	-0.116	-0.193	-0.270	-0.342	-0.407	-0.466	-0.513	-0.556
7311	73.10	-0.595	-0.629	-0.654	-0.666	-0.661	-0.639	-0.605	-0.565	-0.526	-0.489
7321	73.20	-0.454	-0.416	-0.373	-0.321	-0.266	-0.204	-0.142	-0.075	0.002	0.096
7331	73.30	0.206	0.321	0.420	0.483	0.493	0.452	0.379	0.304	0.259	0.257
7341	73.40	0.294	0.344	0.375	0.365	0.315	0.252	0.213	0.235	0.330	0.476
7351	73.50	0.628	0.726	0.727	0.615	0.406	0.145	-0.117	-0.340	-0.508	-0.625
7361	73.60	-0.706	-0.765	-0.803	-0.809	-0.768	-0.672	-0.533	-0.382	-0.262	-0.208
7371	73.70	-0.238	-0.333	-0.450	-0.526	-0.502	-0.366	-0.059	0.319	0.721	1.077
7381	73.80	1.330	1.455	1.460	1.382	1.271	1.173	1.116	1.105	1.124	1.145
7391	73.90	1.135	1.072	0.944	0.754	0.518	0.259	0.004	-0.222	-0.402	-0.531
7401	74.00	-0.618	-0.683	-0.750	-0.836	-0.941	-1.051	-1.138	-1.173	-1.142	-1.055
7411	74.10	-0.939	-0.834	-0.766	-0.738	-0.721	-0.666	-0.524	-0.268	0.094	0.515
7421	74.20	0.932	1.286	1.541	1.696	1.773	1.805	1.813	1.799	1.753	1.660
7431	74.30	1.524	1.371	1.242	1.182	1.213	1.326	1.479	1.613	1.677	1.645
7441	74.40	1.527	1.363	1.201	1.077	1.007	0.978	0.983	0.935	0.879	0.797
7451	74.50	0.704	0.615	0.538	0.469	0.397	0.314	0.219	0.123	0.038	-0.024
7461	74.60	-0.068	-0.105	-0.153	-0.217	-0.287	-0.333	-0.321	-0.227	-0.055	0.159
7471	74.70	0.360	0.491	0.532	0.436	0.403	0.344	0.356	0.449	0.590	0.718
7481	74.80	0.774	0.726	0.586	0.401	0.233	0.123	0.079	0.069	0.044	-0.040
7491	74.90	-0.197	-0.410	-0.635	-0.826	-0.953	-1.012	-1.018	-0.996	-0.967	-0.942

Table 7—26—16 TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1119 101-GR-1-63 U-D (U-D) SHINKATSUSHIKA B MAX. ACC. = -14.362 (GAL) T= 13.39 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7501	75.00	-0.926	-0.926	-0.969	-1.003	-1.086	-1.179	-1.256	-1.290	-1.273	-1.226
7511	75.10	-1.191	-1.212	-1.309	-1.459	-1.603	-1.671	-1.616	-1.461	-1.205	-0.989
7521	75.20	-0.869	-0.869	-0.961	-1.080	-1.166	-1.186	-1.173	-1.176	-1.248	-1.401
7531	75.30	-1.603	-1.799	-1.967	-2.045	-2.137	-2.280	-2.502	-2.772	-3.009	-3.120
7541	75.40	-3.042	-2.874	-2.669	-2.579	-2.681	-2.946	-3.247	-3.428	-3.390	-3.160
7551	75.50	-2.885	-2.753	-2.885	-3.243	-3.639	-3.820	-3.817	-3.062	-2.409	-2.023
7561	75.60	-2.190	-2.936	-3.948	-4.673	-4.941	-3.238	-0.882	1.978	4.557	6.145

Table 7—27—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1120 101-GR-1-63 LG. (HD.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.419	-2.907	-2.286	-1.814	-1.578	-1.510	-1.485	-1.435	-1.396	-1.470
11	0.10	-1.738	-2.172	-2.637	-2.951	-2.989	-2.753	-2.360	-1.961	-1.643	-1.307
21	0.20	-1.112	-0.777	-0.463	-0.371	-0.701	-1.486	-2.486	-3.232	-3.238	-2.282
31	0.30	-0.604	1.124	2.075	1.679	-0.039	-2.395	-4.321	-4.867	-3.688	-1.258
41	0.40	1.325	2.858	2.626	0.761	-1.821	-3.878	-4.661	-3.378	-1.254	0.826
51	0.50	1.895	1.582	0.252	-1.274	-2.224	-2.319	-1.884	-1.594	-1.988	-3.063
61	0.60	-4.200	-4.492	-3.293	-0.668	2.520	4.989	5.673	4.287	1.503	-1.385
71	0.70	-3.122	-3.141	-1.822	-0.233	0.521	-0.042	-1.478	-2.466	-2.482	-0.524
81	0.80	2.544	5.262	6.035	4.204	0.356	-3.761	-6.034	-5.079	-0.999	4.536
91	0.90	8.985	10.104	7.015	0.667	-6.544	-11.816	-15.154	-10.200	-4.308	2.123
101	1.00	6.723	8.128	6.421	2.913	-0.586	-2.612	-2.629	-1.112	0.822	2.022
111	1.10	1.840	0.368	-1.683	-3.351	-3.856	-2.912	-0.813	1.696	3.702	4.437
121	1.20	3.542	1.199	-1.893	-4.712	-6.231	-5.774	-3.300	0.516	4.460	7.189
131	1.30	7.723	5.838	2.175	-1.993	-5.257	-6.608	-5.812	-3.435	-0.564	1.777
141	1.40	2.859	2.646	1.611	0.418	-0.393	-0.624	-0.398	0.024	0.455	0.887
151	1.50	1.427	2.136	2.871	3.276	2.931	1.600	-0.574	-3.049	-5.069	-5.975
161	1.60	-5.491	-3.832	-1.590	0.532	2.002	2.608	2.426	1.665	0.509	-0.926
171	1.70	-2.505	-3.923	-4.660	-4.102	-1.849	1.951	6.447	10.247	11.902	10.526
181	1.80	6.254	0.313	-5.395	-9.030	-9.554	-7.141	-3.056	0.934	3.340	3.562
191	1.90	2.051	-0.028	-1.436	-1.475	-0.279	1.342	2.391	2.237	0.937	-0.826
201	2.00	-2.129	-2.309	-1.297	0.372	1.872	2.534	2.194	1.256	0.464	0.492
211	2.10	1.594	3.463	5.381	6.542	6.409	4.911	2.433	-0.577	-2.865	-4.573
221	2.20	-5.317	-5.153	-4.293	-3.026	-1.670	-0.528	0.167	0.336	0.119	-0.134
231	2.30	0.015	0.885	2.470	4.355	5.837	6.212	5.125	2.793	-0.023	-2.320
241	2.40	-3.297	-2.738	-1.127	0.572	1.374	0.756	-1.078	-3.279	-4.764	-4.731
251	2.50	-3.040	-0.270	2.576	4.551	5.197	4.711	3.768	3.125	3.198	3.863
261	2.60	4.569	4.585	3.594	1.724	-0.407	-2.016	-2.540	-1.928	-0.626	0.655
271	2.70	1.318	1.166	0.465	-0.241	-0.468	-0.076	0.650	1.160	0.966	-0.065
281	2.80	-1.588	-2.924	-3.389	-2.635	-0.834	1.396	3.281	4.258	4.213	3.488
291	2.90	2.654	2.175	2.155	2.295	2.085	1.133	-0.574	-2.597	-4.239	-4.885
301	3.00	-4.330	-2.901	-1.313	-0.307	-0.277	-1.055	-2.001	-2.329	-1.529	0.353
311	3.10	2.713	4.674	5.512	5.006	3.522	1.801	0.571	0.180	0.460	0.875
321	3.20	0.871	0.204	-0.925	-2.021	-2.632	-2.659	-2.440	-2.535	-3.310	-4.588
331	3.30	-5.586	-5.261	-2.905	1.296	6.097	9.573	9.942	6.674	0.011	-7.195
341	3.40	-12.334	-13.241	-9.390	-2.220	5.409	10.406	10.757	6.369	-0.935	-8.234
351	3.50	-12.779	-13.100	-9.499	-3.746	1.822	5.330	6.019	4.481	1.884	-0.445
361	3.60	-1.745	-1.986	-1.641	-1.260	-1.108	-1.071	-0.836	-0.192	0.770	1.684
371	3.70	2.138	1.952	1.296	0.580	0.158	0.053	-0.114	-0.901	-2.443	-5.096
381	3.80	-7.376	-8.275	-6.845	-2.957	2.464	7.697	10.895	10.866	7.600	2.294
391	3.90	-3.159	-6.951	-8.070	-6.613	-3.595	-0.396	1.861	2.702	2.309	1.220
401	4.00	-0.072	-1.372	-2.764	-4.378	-6.125	-7.598	-8.217	-7.563	-5.673	-3.121
411	4.10	-0.796	0.526	0.585	-0.214	-1.001	-0.917	0.395	2.551	4.568	5.546
421	4.20	4.246	1.456	-2.050	-4.943	-6.162	-5.403	-3.238	-0.807	0.761	0.886
431	4.30	-0.221	-1.739	-2.718	-2.599	-1.513	-0.176	0.517	0.006	-1.607	-3.584
441	4.40	-4.913	-4.817	-3.141	-0.423	2.373	4.322	4.943	4.356	3.127	1.910
451	4.50	1.096	0.665	0.304	-0.294	-1.149	-1.909	-2.023	-1.099	0.780	2.958
461	4.60	4.428	4.279	2.162	-1.472	-5.499	-8.572	-9.692	-8.632	-6.017	-3.017
471	4.70	-0.807	-0.053	-0.656	-1.864	-2.677	-2.338	-0.674	1.862	4.444	6.278
481	4.80	6.948	6.554	5.593	4.669	4.202	4.265	4.618	4.908	4.879	4.515
491	4.90	4.021	3.684	3.697	4.053	4.559	4.952	5.049	4.842	4.485	4.187

Table 7—27—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1120 101-GR-1-63 LG. (HD.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.073	4.097	4.055	3.689	2.841	1.555	0.091	-1.181	-1.928	-2.008
511	5.10	-1.518	-0.745	-0.030	0.395	0.505	0.682	0.615	1.144	2.120	3.352
521	5.20	4.467	5.061	4.878	3.941	2.566	1.246	0.450	0.403	0.969	1.671
531	5.30	1.886	1.128	-0.690	-3.132	-5.332	-6.293	-5.285	-2.191	2.357	7.122
541	5.40	10.666	11.858	10.305	6.516	1.737	-2.489	-4.878	-4.852	-2.710	0.537
551	5.50	3.594	5.384	5.432	3.989	1.848	-0.036	-0.945	-0.691	0.521	1.535
561	5.60	2.077	1.563	0.009	-2.155	-4.295	-5.832	-6.458	-6.205	-5.372	-4.352
571	5.70	-3.456	-2.808	-2.346	-1.915	-1.386	-0.745	-0.106	0.343	0.433	0.089
581	5.80	-0.650	-1.650	-2.742	-3.773	-4.627	-5.220	-5.490	-5.396	-4.938	-4.194
591	5.90	-3.320	-2.519	-1.961	-1.698	-1.620	-1.507	-1.147	-0.489	0.258	0.666
601	6.00	0.269	-1.171	-3.443	-5.831	-7.300	-6.886	-4.131	0.621	6.218	11.046
611	6.10	13.583	12.973	9.355	3.826	-1.974	-6.477	-8.711	-8.594	-6.812	-4.424
621	6.20	-2.357	-1.052	-0.376	0.161	1.050	2.465	4.156	5.583	6.211	5.803
631	6.30	4.568	2.974	1.691	1.109	1.281	1.925	2.616	3.017	3.020	2.735
641	6.40	2.340	1.907	1.309	0.294	-1.331	-3.684	-5.735	-7.401	-7.852	-6.717
651	6.50	-4.275	-1.211	1.560	3.308	3.799	3.378	2.769	2.677	3.389	4.574
661	6.60	5.388	4.858	2.371	-1.956	-7.206	-11.947	-14.753	-14.757	-11.993	-7.393
671	6.70	-2.431	1.422	3.224	2.846	0.929	-1.457	-3.283	-3.965	-3.543	-2.566
681	6.80	-1.770	-1.690	-2.381	-3.370	-3.856	-3.070	-0.641	3.179	7.530	11.193
691	6.90	12.992	12.190	8.748	3.347	-2.806	-8.335	-12.081	-13.390	-12.238	-9.158
701	7.00	-5.036	-0.839	2.633	4.906	5.881	5.779	5.017	4.052	3.263	2.769
711	7.10	2.611	2.607	2.564	2.371	2.074	1.867	2.003	2.665	3.734	4.941
721	7.20	5.747	5.840	4.339	1.964	-0.967	-3.700	-5.540	-6.133	-5.603	-4.483
731	7.30	-3.447	-2.974	-3.110	-3.437	-3.292	-2.133	0.130	3.000	5.561	6.761
741	7.40	6.056	5.506	-0.110	-3.616	-5.909	-6.400	-5.228	-3.151	-1.189	-0.182
751	7.50	-0.465	-1.800	-3.574	-5.129	-6.059	-6.329	-6.166	-5.816	-5.311	-4.400
761	7.60	-2.682	0.111	3.845	7.887	11.262	13.015	12.629	10.284	6.842	3.513
771	7.70	1.367	0.892	1.795	3.172	3.938	3.359	1.420	-1.142	-3.166	-3.613
781	7.80	-2.083	0.946	4.273	6.473	6.527	4.298	0.630	-2.976	-4.592	-4.516
791	7.90	-1.665	2.465	6.261	8.259	7.766	5.012	1.176	-2.345	-4.461	-4.852
801	8.00	-4.048	-3.107	-3.059	-4.442	-6.940	-9.610	-11.262	-11.013	-8.699	-4.967
811	8.10	-1.029	1.829	2.753	1.640	-0.855	-3.614	-5.515	-5.868	-4.647	-2.440
821	8.20	-0.151	1.402	1.841	1.554	0.576	0.251	0.865	2.267	3.854	4.633
831	8.30	3.774	1.036	-2.989	-6.995	-9.412	-9.038	-5.589	0.092	6.282	11.024
841	8.40	12.902	11.629	8.164	4.298	1.859	1.891	4.171	7.298	9.330	8.698
851	8.50	4.985	-0.791	-6.530	-9.910	-9.377	-4.838	2.245	9.411	14.164	14.939
861	8.60	11.682	5.799	-0.453	-4.881	-6.173	-4.313	-0.445	3.703	6.563	7.333
871	8.70	6.194	4.105	2.282	1.621	2.306	3.759	4.942	4.857	3.031	-0.230
881	8.80	-3.924	-6.741	-7.597	-6.092	-2.701	1.383	4.700	6.067	5.017	1.937
891	8.90	-2.127	-5.916	-8.441	-9.322	-8.834	-7.666	-6.571	-5.997	-5.952	-6.086
901	9.00	-5.963	-5.226	-3.966	-2.458	-1.095	0.140	0.398	0.729	1.123	1.718
911	9.10	2.413	2.915	2.904	2.229	1.[illegible]	-0.351	-1.447	-1.974	-1.912	-1.493
921	9.20	-1.032	-0.704	-0.401	0.249	[illegible]683	4.112	7.275	10.381	12.284	11.848
931	9.30	8.378	1.943	-6.537	-15.688	-23.107	-27.881	-29.015	-26.642	-21.727	-15.706
941	9.40	-9.996	-5.530	-2.504	-0.434	1.518	4.060	7.357	10.860	13.487	14.081
951	9.50	11.968	7.347	1.322	-4.459	-8.436	-9.748	-8.544	-5.858	-3.083	-1.218
961	9.60	-0.536	-0.322	0.644	3.42[illegible]	8.304	14.497	20.400	24.234	24.806	22.025
971	9.70	16.934	11.256	6.660	4.1[illegible]	3.558	4.158	4.774	4.613	3.606	2.420
981	9.80	2.106	3.583	7.217	12.[illegible]65	19.017	25.133	29.982	32.857	33.423	31.850
991	9.90	27.737	22.095	15.371	[illegible].432	2.252	-2.317	-4.865	-5.564	-5.144	-4.607

Table 7—27—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	-4.808	-6.090	-8.166	-10.310	-11.783	-12.263	-12.079	-12.094	-13.309	-16.362
1011	10.10	-21.184	-26.982	-32.567	-36.737	-38.882	-38.936	-37.322	-34.610	-31.235	-27.421
1021	10.20	-23.348	-19.409	-16.361	-15.176	-16.621	-20.751	-26.614	-32.397	-36.044	-36.108
1031	10.30	-32.433	-26.301	-19.906	-15.322	-13.656	-13.472	-13.043	-9.379	-0.600	13.164
1041	10.40	29.489	44.394	53.834	55.328	49.022	37.720	25.830	17.683	15.903	20.507
1051	10.50	29.007	32.871	33.398	31.755	39.234	31.980	24.929	20.512	19.669	21.548
1061	10.60	23.939	24.234	20.478	12.117	0.190	-13.056	-24.930	-33.177	-36.608	-35.368
1071	10.70	-30.739	-24.618	-18.843	-14.614	-12.187	-10.925	-9.672	-7.316	-3.316	2.004
1081	10.80	7.505	11.633	12.998	10.930	5.761	-1.262	-8.427	-14.177	-17.660	-18.974
1091	10.90	-19.022	-19.034	-19.963	-22.023	-24.548	-26.241	-25.706	-22.046	-15.281	-6.426
1101	11.00	2.793	10.685	15.182	16.280	14.186	10.153	5.882	3.022	2.724	5.346
1111	11.10	10.371	16.545	22.193	25.654	25.757	22.204	15.762	8.131	1.491	-2.199
1121	11.20	-1.929	1.886	7.423	12.024	13.202	9.680	2.053	-7.288	-15.015	-18.215
1131	11.30	-15.688	-8.603	-0.170	5.619	5.667	-0.834	-11.942	-23.669	-31.584	-32.617
1141	11.40	-26.281	-16.773	-4.938	8.104	13.988	14.813	12.768	10.466	9.896	11.621
1151	11.50	14.858	18.160	20.629	22.302	24.061	26.786	30.377	33.302	33.021	27.187
1161	11.60	15.039	-1.785	-19.525	-33.654	-40.732	-39.858	-33.013	-24.088	-17.048	-14.140
1171	11.70	-14.997	-17.087	-17.237	-13.440	-6.014	2.490	8.570	9.602	5.269	-2.135
1181	11.80	-8.687	-10.631	-6.121	3.939	16.301	26.844	32.354	31.821	26.694	20.047
1191	11.90	15.123	13.931	16.494	20.998	24.667	24.935	20.408	11.316	-0.641	-12.880
1201	12.00	-22.712	-28.067	-28.012	-22.978	-14.662	-5.621	1.406	6.291	2.205	-4.059
1211	12.10	-12.287	-19.581	-23.380	-22.394	-17.066	-9.366	-1.963	2.722	3.586	0.978
1221	12.20	-3.505	-7.793	-10.192	-9.960	-7.416	-3.614	0.203	3.100	4.704	5.197
1231	12.30	5.113	5.098	5.725	7.362	10.085	13.579	17.081	19.441	19.365	15.841
1241	12.40	8.610	-1.536	-12.784	-22.776	-29.306	-31.062	-27.925	-21.096	-12.382	-3.590
1251	12.50	4.079	10.239	15.128	19.137	22.378	24.492	24.817	22.769	18.250	11.811
1261	12.60	4.520	-2.424	-8.809	-12.147	-14.658	-15.907	-16.175	-15.376	-13.211	-9.417
1271	12.70	-4.088	2.137	8.134	12.620	14.584	13.664	10.292	5.555	0.829	-2.674
1281	12.80	-4.282	-4.034	-2.611	-1.058	-0.394	-1.241	-3.580	-6.723	-9.517	-10.734
1291	12.90	-9.521	-5.769	-0.235	5.636	10.165	12.011	10.646	6.552	1.039	-4.243
1301	13.00	-7.891	-9.225	-8.437	-6.403	-4.234	-2.808	-2.453	-2.935	-3.679	-4.125
1311	13.10	-4.011	-3.461	-2.871	-2.658	-3.016	-3.804	-4.597	-4.875	-4.236	-2.553
1321	13.20	-0.019	2.936	5.784	8.055	9.450	9.906	9.599	8.890	8.231	8.034
1331	13.30	8.537	9.695	11.167	12.392	12.756	11.788	9.305	5.447	0.600	-4.766
1341	13.40	-10.130	-15.173	-19.548	-22.909	-24.875	-25.114	-23.528	-20.430	-16.607	-13.153
1351	13.50	-11.099	-10.961	-12.420	-14.307	-14.975	-12.935	-7.520	0.717	10.070	18.208
1361	13.60	22.989	23.223	19.089	12.036	4.226	-2.255	-6.086	-7.051	-5.930	-4.032
1371	13.70	-2.600	-2.339	-3.244	-4.743	-6.058	-6.596	-6.200	-5.182	-4.147	-3.713
1381	13.80	-4.245	-5.703	-7.640	-9.334	-9.590	-8.957	-5.898	-0.888	5.575	12.644
1391	13.90	19.266	24.378	27.132	27.078	24.289	19.377	13.382	7.573	3.181	1.139
1401	14.00	1.882	5.249	10.512	16.525	21.968	25.634	26.712	24.988	20.917	15.526
1411	14.10	10.146	6.041	4.013	4.124	5.630	7.182	7.267	4.752	-0.645	-8.150
1421	14.20	-16.097	-22.440	-25.466	-24.650	-19.788	-13.866	-8.454	-5.838	-6.997	-11.372
1431	14.30	-16.994	-21.198	-21.637	-17.248	-8.761	1.455	10.192	14.561	13.069	6.208
1441	14.40	-3.690	-13.280	-19.412	-20.248	-15.872	-8.164	0.001	5.904	8.009	6.473
1451	14.50	2.933	-0.317	-1.400	0.276	3.741	6.916	7.569	6.433	-2.106	-9.991
1461	14.60	-16.245	-18.171	-16.493	-5.950	6.911	14.922	21.207	22.640	19.986	15.418
1471	14.70	11.381	9.390	9.334	9.636	8.196	3.656	-3.652	-11.575	-16.960	-17.093
1481	14.80	-11.088	-0.566	10.753	18.636	19.109	11.883	-1.223	-16.020	-27.756	-32.890
1491	14.90	-30.319	-21.584	-10.045	0.537	7.404	9.612	8.016	4.559	1.269	-0.569

Table 7—27—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	-0.753	0.031	0.760	0.653	-0.447	-2.047	-3.249	-3.147	-1.190	2.591
1511	15.10	7.543	12.530	16.208	17.378	15.360	10.272	3.100	-4.485	-10.591	-13.679
1521	15.20	-13.046	-9.140	-3.165	3.224	8.648	12.431	14.682	15.939	16.917	17.593
1531	15.30	17.611	16.321	13.316	8.852	3.902	0.200	-2.393	-2.432	-1.054	0.382
1541	15.40	0.615	-0.808	-3.217	-5.116	-4.979	-2.152	2.608	7.283	9.423	7.284
1551	15.50	0.734	-8.520	-17.539	-23.335	-24.102	-19.926	-12.681	-5.151	0.174	3.092
1561	15.60	1.025	-1.398	-3.273	-3.379	-1.730	0.530	1.780	0.774	-2.714	-7.762
1571	15.70	-12.703	-15.853	-16.210	-13.832	-9.743	-5.466	-2.406	-1.350	-2.264	-4.407
1581	15.80	-6.682	-8.031	-7.755	-5.658	-2.028	2.501	7.132	11.104	13.858	15.168
1591	15.90	15.204	14.504	13.830	13.941	15.326	17.994	21.409	24.613	26.501	26.176
1601	16.00	23.241	17.924	11.000	3.529	-3.466	-9.271	-13.595	-16.503	-18.221	-18.930
1611	16.10	-18.665	-17.256	-14.693	-11.142	-7.159	-3.609	-1.417	-1.203	-2.982	-6.057
1621	16.20	-9.217	-11.171	-11.076	-8.919	-5.598	-2.615	-1.489	-3.118	-7.357	-12.991
1631	16.30	-18.136	-20.919	-20.171	-15.855	-9.057	-1.564	6.813	8.883	10.455	10.307
1641	16.40	9.793	10.243	12.411	16.154	20.470	23.837	24.755	22.277	16.365	7.967
1651	16.50	-1.226	-9.243	-14.406	-15.805	-13.545	-8.664	-2.746	2.638	6.465	8.546
1661	16.60	9.472	10.208	11.521	13.501	15.396	15.872	13.607	7.962	-0.577	-10.416
1671	16.70	-19.355	-25.384	-27.435	-25.770	-21.822	-17.575	-14.749	-14.153	-15.471	-17.551
1681	16.80	-19.022	-18.932	-17.110	-14.112	-10.814	-7.886	-5.436	-2.981	0.239	4.790
1691	16.90	10.656	17.132	23.038	27.160	28.696	27.524	24.204	19.738	15.226	11.563
1701	17.00	9.264	8.423	8.769	9.744	10.593	10.491	8.719	4.894	-0.817	-7.609
1711	17.10	-14.181	-19.086	-21.214	-20.202	-16.585	-11.598	-6.698	-2.994	-0.841	0.207
1721	17.20	1.093	2.725	5.492	9.043	12.448	14.626	14.848	13.056	9.856	6.211
1731	17.30	3.000	0.681	-0.786	-1.741	-2.481	-2.982	-3.857	-1.584	1.111	4.927
1741	17.40	8.919	11.749	12.175	9.573	4.244	-2.634	-9.101	-14.695	-16.989	-16.868
1751	17.50	-14.052	-12.525	-10.829	-10.618	-11.926	-14.114	-16.124	-16.875	-15.611	-12.152
1761	17.60	-6.960	-1.027	4.397	8.157	9.545	8.551	5.919	2.956	1.128	1.553
1771	17.70	4.561	9.503	14.908	18.964	20.167	17.892	12.681	6.035	-0.072	-3.924
1781	17.80	-4.659	-2.518	1.345	5.389	8.332	9.615	9.518	8.881	8.593	9.084
1791	17.90	10.070	10.653	9.737	6.554	3.078	-5.875	-12.885	-18.414	-21.321	-21.209
1801	18.00	-18.480	-14.109	-9.255	-4.886	-1.552	0.637	1.865	2.406	2.468	2.136
1811	18.10	1.430	0.391	-0.848	-2.057	-2.971	-3.373	-3.149	-2.294	-0.867	1.055
1821	18.20	3.395	6.054	8.848	11.471	13.500	14.471	14.002	11.919	8.318	3.558
1831	18.30	-1.822	-7.230	-12.126	-16.079	-18.800	-20.120	-19.982	-18.460	-15.777	-12.318
1841	18.40	-8.595	-5.160	-2.487	-0.854	-0.280	-0.527	-1.184	-1.786	-1.933	-1.376
1851	18.50	-0.059	1.886	4.177	6.433	8.251	9.293	9.381	8.559	7.104	5.457
1861	18.60	4.077	3.281	3.132	3.433	3.849	4.102	4.147	4.230	4.775	6.131
1871	18.70	8.325	10.901	13.001	13.667	12.233	8.662	3.632	-1.668	-5.920	-8.602
1881	18.80	-8.794	-7.679	-6.007	-4.693	-4.237	-4.580	-5.244	-5.684	-5.625	-5.226
1891	18.90	-4.962	-5.300	-6.348	-7.675	-8.427	-7.717	-5.087	-0.840	3.954	7.809
1901	19.00	9.375	7.982	3.918	-1.671	-7.203	-11.233	-12.929	-12.279	-9.977	-7.069
1911	19.10	-4.536	-2.962	-2.436	-2.605	-2.889	-2.710	-1.664	0.366	3.183	6.302
1921	19.20	9.034	10.634	10.515	8.471	4.841	0.506	-3.310	-5.429	-5.143	-2.519
1931	19.30	1.579	5.775	8.687	9.440	7.963	4.950	1.491	-1.437	-3.383	-4.531
1941	19.40	-5.475	-6.772	-8.519	-10.187	-10.806	-9.431	-5.657	0.078	6.568	12.275
1951	19.50	15.919	16.958	15.741	13.261	10.661	8.722	7.596	6.870	5.903	4.238
1961	19.60	1.818	-0.888	-3.443	-5.447	-6.947	-8.237	-9.567	-10.929	-11.832	-11.488
1971	19.70	-9.214	-6.892	0.803	6.544	10.859	12.760	12.197	10.075	7.800	6.555
1981	19.80	6.670	7.400	7.280	4.885	-0.338	-7.600	-14.913	-19.828	-20.446	-18.255
1991	19.90	-8.395	0.772	8.601	13.193	14.054	12.118	9.149	6.852	5.996	8.307

Table 7—27—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1120 101-GR-1-63 LG. (HS.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.46 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	6.553	5.360	1.959	-3.351	-9.256	-13.973	-15.985	-14.694	-10.637	-5.254
2011	20.10	-0.292	2.849	5.591	2.278	-0.074	-2.247	-3.272	-2.753	-0.906	1.602
2021	20.20	3.966	5.423	5.654	4.648	2.754	0.518	-1.495	-2.867	-3.462	-3.440
2031	20.30	-3.191	-3.163	-3.660	-4.675	-5.857	-6.618	-6.384	-6.877	-6.294	-5.686
2041	20.40	3.116	4.151	3.381	1.030	-2.101	-4.945	-6.580	-6.599	-5.255	-3.331
2051	20.50	-1.784	-1.320	-2.082	-3.583	-4.909	-5.106	-3.567	-0.284	4.151	8.776
2061	20.60	12.601	14.927	15.511	14.537	12.427	9.613	6.373	2.809	-1.057	-5.114
2071	20.70	-9.044	-12.328	-14.372	-14.734	-13.323	-10.497	-6.992	-3.691	-1.340	-0.291
2081	20.80	-0.398	-1.091	-1.617	-1.348	-0.063	2.047	4.266	5.801	6.008	4.680
2091	20.90	2.160	-0.752	-3.073	-3.973	-3.074	-0.570	2.863	6.326	9.033	10.573
2101	21.00	11.002	10.732	10.275	9.950	9.738	9.285	8.130	5.994	3.023	-0.167
2111	21.10	-2.679	-5.691	-2.832	-0.399	2.683	5.184	6.025	6.710	1.519	-2.589
2121	21.20	-6.353	-8.687	-9.080	-7.742	-5.465	-3.257	-1.940	-1.859	-2.825	-4.289
2131	21.30	-5.640	-6.488	-6.794	-6.811	-6.883	-7.204	-7.678	-7.933	-7.488	-5.994
2141	21.40	-3.425	-0.136	3.245	6.045	7.800	8.418	8.195	7.669	7.387	7.671
2151	21.50	8.483	9.445	9.996	9.629	8.100	5.539	2.412	-0.642	-3.039	-4.447
2161	21.60	-4.875	-4.635	-4.189	-3.955	-4.152	-4.748	-5.521	-6.203	-6.630	-6.825
2171	21.70	-6.974	-7.304	-7.919	-8.679	-9.185	-8.899	-7.366	-4.439	-0.425	3.937
2181	21.80	7.674	9.888	10.085	8.375	5.471	2.466	0.447	0.110	1.475	3.870
2191	21.90	6.162	7.177	6.151	3.043	-1.429	-6.027	-9.436	-10.732	-9.692	-6.832
2201	22.00	-3.158	0.247	2.643	3.865	4.302	4.637	5.479	7.058	9.109	10.988
2211	22.10	11.956	11.471	9.413	6.091	2.108	-1.852	-5.219	-7.626	-8.891	-8.954
2221	22.20	-7.825	-5.597	-2.510	1.000	4.325	6.808	7.938	7.533	5.905	3.279
2231	22.30	0.588	-1.768	-3.572	-4.884	-5.886	-6.682	-7.145	-6.942	-5.701	-3.273
2241	22.40	0.076	3.644	6.486	7.740	6.955	4.271	0.363	-3.809	-7.344	-9.663
2251	22.50	-10.616	-10.387	-9.293	-7.591	-5.392	-2.716	0.368	3.620	6.613	8.848
2261	22.60	9.944	9.816	8.721	7.166	5.698	4.688	4.201	4.024	3.813	3.289
2271	22.70	2.374	1.217	0.097	-0.735	-1.174	-1.301	-1.312	-1.401	-1.657	-2.033
2281	22.80	-2.396	-2.615	-2.645	-2.536	-2.388	-2.272	-2.179	-2.036	-1.779	-1.447
2291	22.90	-1.219	-1.374	-2.162	-3.655	-5.652	-7.701	-9.241	-9.812	-9.246	-7.739
2301	23.00	-5.775	-3.940	-2.690	-2.189	-2.279	-2.582	-2.680	-2.289	-1.338	0.055
2311	23.10	1.703	3.474	5.358	7.437	9.781	12.321	14.785	16.735	17.704	17.387
2321	23.20	15.776	13.201	10.223	7.438	5.258	3.766	2.711	1.661	0.116	-2.083
2331	23.30	-4.866	-7.776	-10.346	-12.111	-12.882	-12.778	-12.144	-11.373	-10.720	-10.192
2341	23.40	-9.564	-8.515	-6.818	-4.492	-1.866	0.609	2.346	3.022	2.609	1.408
2351	23.50	-0.069	-1.283	-1.852	-1.660	-0.866	0.189	1.122	1.640	1.623	1.132
2361	23.60	0.366	-0.425	-1.024	-1.305	-1.264	-0.997	-0.653	-0.368	-0.205	-0.121
2371	23.70	0.015	0.364	1.027	1.970	3.006	3.844	4.200	3.926	3.096	1.988
2381	23.80	1.012	0.521	0.686	1.426	2.454	3.613	4.037	4.256	4.203	4.114
2391	23.90	4.194	4.509	4.958	5.349	5.513	5.408	5.139	4.898	4.850	5.038
2401	24.00	5.355	5.599	5.576	5.190	4.470	3.529	2.480	1.378	0.222	-0.974
2411	24.10	-2.099	-2.903	-3.056	-2.291	-0.551	1.857	4.398	6.365	7.170	6.521
2421	24.20	-4.501	-1.485	-2.033	-5.036	-9.079	-12.266	-15.124	-17.476	-19.000	-19.312
2431	24.30	-18.147	-15.543	-11.919	-8.005	-4.611	-2.359	-1.480	-1.763	-2.677	-3.608
2441	24.40	-4.094	-3.966	-3.338	-2.504	-1.751	-1.241	-0.972	-0.829	-0.686	-0.490
2451	24.50	-0.286	-0.177	-0.239	-0.457	-0.688	-0.707	-0.281	0.754	2.319	4.277
2461	24.60	6.265	7.894	8.837	8.945	8.311	7.266	6.291	5.868	6.302	7.589
2471	24.70	9.372	11.019	11.818	11.209	8.987	5.392	1.068	-3.218	-6.623	-8.645
2481	24.80	-9.148	-8.362	-6.771	-4.935	-3.331	-2.256	-1.809	-1.928	-2.472	-3.277
2491	24.90	-4.202	-5.137	-5.993	-6.677	-7.082	-7.083	-6.556	-5.403	-3.601	-1.234

Table 7—27—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.481	4.213	6.571	8.194	8.845	8.485	7.292	5.612	3.871	2.458
2511	25.10	1.627	1.455	1.342	2.566	3.359	3.968	4.207	3.975	3.262	2.129
2521	25.20	0.696	-0.891	-2.478	-3.933	-5.156	-6.087	-6.699	-6.988	-6.971	-6.688
2531	25.30	-6.209	-5.628	-5.052	-4.554	-4.149	-3.771	-3.314	-2.693	-1.923	-1.158
2541	25.40	-0.660	-0.681	-1.516	-2.384	-3.412	-3.769	-2.896	-0.560	2.989	7.050
2551	25.50	10.687	13.066	13.766	12.924	11.164	9.316	8.061	7.656	7.852	8.050
2561	25.60	7.608	6.162	3.805	1.059	-1.356	-2.843	-3.182	-2.623	-1.761	-1.268
2571	25.70	-1.602	-2.809	-4.512	-6.077	-6.863	-6.682	-4.936	-2.600	-0.072	2.066
2581	25.80	3.338	3.681	3.241	2.366	1.445	0.781	0.519	0.666	1.039	1.538
2591	25.90	2.008	2.373	2.614	2.745	2.787	2.756	2.669	2.458	2.174	1.786
2601	26.00	1.283	0.647	-0.137	-1.053	-2.079	-3.070	-3.864	-4.265	-4.114	-3.355
2611	26.10	-2.077	-0.527	0.939	1.935	2.139	1.384	-0.298	-2.675	-5.359	-7.887
2621	26.20	-9.821	-10.841	-10.818	-9.851	-8.244	-6.435	-4.877	-3.905	-3.636	-3.930
2631	26.30	-4.439	-4.730	-4.440	-3.412	-1.749	0.230	2.115	3.553	4.370	4.611
2641	26.40	4.483	4.252	4.122	4.163	4.321	4.469	4.497	4.374	4.154	3.939
2651	26.50	3.813	3.789	3.796	3.710	3.414	2.852	2.058	1.166	0.267	-0.437
2661	26.60	-0.871	-1.002	-0.855	-0.491	0.013	0.586	1.174	1.768	2.302	2.848
2671	26.70	3.395	3.952	4.412	4.755	4.876	4.715	4.277	3.641	2.938	2.299
2681	26.80	1.792	1.388	0.961	0.341	-0.616	-1.950	-3.578	-5.306	-6.905	-8.177
2691	26.90	-9.021	-9.440	-9.518	-9.375	-9.116	-8.815	-8.518	-8.253	-8.045	-7.910
2701	27.00	-7.840	-7.795	-7.708	-7.506	-7.161	-6.608	-5.927	-5.112	-4.130	-2.882
2711	27.10	-1.239	0.891	3.472	6.287	8.949	10.990	11.998	11.756	10.331	8.060
2721	27.20	5.464	3.095	1.393	0.586	0.660	1.404	2.487	3.550	4.285	4.488
2731	27.30	4.090	3.165	1.923	0.662	-0.291	-0.669	-0.337	0.661	2.112	3.703
2741	27.40	5.110	6.096	6.565	6.562	6.228	5.734	5.217	4.747	4.333	3.938
2751	27.50	3.505	2.982	2.339	1.584	0.784	0.078	-0.343	-0.285	0.360	1.527
2761	27.60	2.933	4.115	4.563	3.902	2.061	-0.660	-3.656	-6.221	-7.802	-8.200
2771	27.70	-7.626	-6.586	-5.667	-5.182	-5.222	-5.479	-5.523	-5.038	-4.022	-2.826
2781	27.80	-2.021	-2.140	-3.422	-5.667	-8.290	-10.527	-11.726	-11.580	-10.216	-8.104
2791	27.90	-5.867	-6.032	-2.874	-2.378	-2.314	-2.378	-2.306	-1.943	-1.232	-0.171
2801	28.00	1.226	2.930	4.872	6.903	8.792	10.273	11.122	11.237	10.684	9.671
2811	28.10	8.463	7.286	6.251	5.336	4.439	3.455	2.351	1.196	0.133	-0.685
2821	28.20	-1.165	-1.313	-1.227	-1.051	-0.916	-0.892	-0.983	-1.137	-1.291	-1.391
2831	28.30	-1.412	-1.353	-1.221	-1.033	-0.809	-0.585	-0.409	-0.326	-0.359	-0.487
2841	28.40	-0.645	-0.752	-0.754	-0.666	-0.581	-0.633	-0.931	-1.480	-2.146	-2.670
2851	28.50	-2.766	-2.255	-1.068	0.525	2.174	3.486	4.186	4.221	3.764	3.123
2861	28.60	2.596	2.347	2.349	2.428	2.376	2.077	1.576	1.051	0.711	0.671
2871	28.70	0.868	1.075	1.008	0.469	-0.525	-1.728	-2.740	-3.174	-2.813	-1.705
2881	28.80	-0.139	1.465	2.715	3.372	3.388	2.869	1.991	0.918	-0.230	-1.356
2891	28.90	-2.344	-3.041	-3.288	-2.990	-2.191	-1.097	-0.030	0.689	0.869	0.522
2901	29.00	-0.145	-0.843	-1.333	-1.539	-1.556	-1.566	-1.705	-1.945	-2.077	-1.798
2911	29.10	-0.875	0.696	2.657	4.436	5.536	5.540	4.370	2.303	-0.124	-2.296
2921	29.20	-3.708	-4.104	-3.509	-2.178	-0.997	1.125	2.332	2.875	2.635	1.642
2931	29.30	0.068	-1.804	-3.669	-5.187	-6.271	-6.926	-7.353	-7.428	-7.978	-8.292
2941	29.40	-8.322	-7.748	-6.332	-4.069	-1.238	1.657	4.057	5.529	5.906	5.302
2951	29.50	4.022	2.409	0.717	-0.938	-2.530	-4.027	-5.305	-6.141	-6.290	-5.806
2961	29.60	-4.163	-2.172	-0.096	1.702	3.003	3.811	4.317	4.764	5.309	5.936
2971	29.70	6.470	6.680	6.413	5.687	4.689	3.696	2.943	2.524	2.370	2.304
2981	29.80	2.153	1.839	1.413	1.007	0.753	0.699	0.785	0.891	0.919	0.866
2991	29.90	0.838	0.989	1.438	2.079	2.753	3.122	2.904	1.591	0.536	-1.080

Table 7—27—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-2.373	-2.935	-2.587	-1.442	0.146	1.713	2.856	3.356	3.209	2.582
3011	30.10	1.706	0.767	-0.152	-1.062	-2.010	-3.005	-3.970	-4.746	-5.142	-5.021
3021	30.20	-4.362	-3.288	-2.037	-0.893	-0.098	0.219	0.070	-0.410	-1.020	-1.562
3031	30.30	-1.901	-1.995	-1.889	-1.678	-1.466	-1.321	-1.252	-1.220	-1.150	-0.970
3041	30.40	-0.634	-0.139	0.472	1.325	1.734	2.224	2.551	2.711	2.742	2.705
3051	30.50	2.668	2.671	2.714	2.741	2.665	2.394	1.817	1.136	0.274	-0.559
3061	30.60	-1.215	-1.609	-1.751	-1.745	-1.743	-1.867	-2.160	-2.556	-2.921	-3.115
3071	30.70	-3.074	-2.845	-2.563	-2.383	-2.382	-2.499	-2.538	-2.244	-1.425	-0.062
3081	30.80	1.650	3.346	4.613	5.137	4.817	3.785	2.346	0.851	-0.428	-1.367
3091	30.90	-1.992	-2.409	-2.725	-2.972	-3.122	-3.110	-2.898	-2.553	-2.046	-1.610
3101	31.00	-1.282	-1.068	-0.911	-0.729	-0.464	-0.111	0.287	0.685	1.081	1.525
3111	31.10	2.100	2.854	3.738	4.579	5.126	5.137	4.496	3.278	1.760	0.325
3121	31.20	-0.668	-1.011	-0.714	0.013	0.856	1.524	1.850	1.826	1.573	1.252
3131	31.30	0.989	0.815	0.678	0.489	0.182	-0.260	-0.706	-1.112	-1.374	-1.474
3141	31.40	-1.474	-1.491	-1.653	-2.039	-2.641	-3.357	-4.010	-4.402	-4.367	-3.828
3151	31.50	-2.820	-1.490	-0.063	1.216	2.148	2.630	2.679	2.414	2.009	1.626
3161	31.60	1.368	1.250	1.215	1.172	1.049	0.824	0.533	0.243	0.016	-0.128
3171	31.70	-0.217	-0.313	-0.476	-0.730	-1.047	-1.356	-1.574	-1.646	-1.559	-1.363
3181	31.80	-1.131	-0.932	-0.794	-0.683	-0.513	-0.168	0.446	1.353	2.481	3.651
3191	31.90	4.618	5.144	5.078	4.428	3.390	2.305	1.549	1.398	1.902	2.842
3201	32.00	3.784	4.228	3.802	2.418	0.320	-1.995	-3.970	-5.205	-5.605	-5.394
3211	32.10	-4.988	-4.780	-4.941	-5.334	-5.574	-5.228	-4.040	-2.089	0.206	2.238
3221	32.20	3.460	3.699	2.809	1.509	0.285	-0.402	-0.383	0.187	0.933	1.461
3231	32.30	1.534	1.170	0.604	0.154	0.068	0.415	1.071	1.804	2.384	2.687
3241	32.40	2.718	2.575	2.368	2.145	1.871	1.459	0.841	0.026	-0.877	-1.692
3251	32.50	-2.244	-2.429	-2.255	-1.827	-1.309	-0.840	-0.490	-0.244	-0.024	0.252
3261	32.60	0.620	1.028	1.346	1.404	1.054	0.245	-0.941	-2.283	-3.465	-4.161
3271	32.70	-4.136	-3.322	-1.849	-0.010	1.828	3.334	4.313	4.737	4.717	4.416
3281	32.80	3.952	3.335	2.475	1.268	-0.402	-2.385	-4.450	-6.244	-7.437	-7.837
3291	32.90	-7.462	-6.539	-5.414	-4.434	-3.841	-3.717	-3.995	-4.519	-5.111	-5.618
3301	33.00	-5.921	-5.922	-5.532	-4.679	-3.338	-1.567	0.472	2.539	4.375	5.777
3311	33.10	6.656	7.050	7.085	6.911	6.662	6.328	5.976	5.587	5.198	4.888
3321	33.20	4.742	4.799	5.003	5.196	5.163	4.719	3.785	2.427	0.855	-0.659
3331	33.30	-1.865	-2.614	-2.881	-2.755	-2.388	-1.933	-1.511	-1.197	-1.026	-0.996
3341	33.40	-1.092	-1.264	-1.446	-1.567	-1.575	-1.474	-1.327	-1.242	-1.319	-1.604
3351	33.50	-2.046	-2.513	-2.843	-2.918	-2.726	-2.373	-2.036	-1.880	-1.978	-2.273
3361	33.60	-2.604	-2.785	-2.689	-2.309	-1.750	-1.163	-0.665	-0.276	0.084	0.534
3371	33.70	1.149	1.890	2.603	3.069	3.107	2.656	1.814	0.793	-0.161	-0.868
3381	33.80	-1.261	-1.382	-1.328	-1.178	-0.956	-0.644	-0.229	0.248	0.683	0.947
3391	33.90	0.974	0.828	0.715	0.923	1.685	3.055	4.829	6.586	7.821	8.143
3401	34.00	7.420	5.867	3.867	2.004	0.670	0.030	-0.026	0.207	0.404	0.350
3411	34.10	0.019	-0.451	-0.854	-1.028	-0.934	-0.665	-0.382	-0.230	-0.268	-0.447
3421	34.20	-0.655	-0.780	-0.776	-0.684	-0.609	-0.659	-0.893	-1.287	-1.751	-2.172
3431	34.30	-2.470	-2.629	-2.690	-2.722	-2.767	-2.814	-2.794	-2.616	-2.221	-1.623
3441	34.40	-0.916	-0.245	0.257	0.530	0.623	0.675	0.856	1.273	1.901	2.560
3451	34.50	2.963	2.822	1.979	0.494	-1.330	-3.026	-4.122	-4.285	-3.423	-1.843
3461	34.60	-0.172	1.314	2.124	2.130	1.495	0.575	-0.237	-0.672	-0.689	-0.453
3471	34.70	-0.240	-0.285	-0.668	-1.277	-1.876	-2.223	-2.207	-1.899	-1.520	-1.328
3481	34.80	-1.471	-1.896	-2.344	-2.456	-1.925	-0.650	1.200	3.234	4.974	6.030
3491	34.90	6.236	5.688	4.684	3.581	2.660	2.036	1.652	1.364	1.036	0.631

Table 7—27—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.231	-0.017	0.021	0.376	0.944	1.515	1.852	1.777	1.240	0.331
3511	35.10	-0.757	-1.799	-2.604	-3.065	-3.162	-2.948	-2.511	-1.965	-1.331	-0.731
3521	35.20	-0.192	0.255	0.588	0.797	0.880	0.861	0.688	0.427	0.071	-0.361
3531	35.30	-0.839	-1.327	-1.790	-2.206	-2.564	-2.859	-3.075	-3.175	-3.098	-2.780
3541	35.40	-2.182	-1.325	-0.304	0.731	1.613	2.218	2.500	2.510	2.362	2.190
3551	35.50	2.085	2.070	2.102	2.099	1.987	1.724	1.311	0.773	0.136	-0.583
3561	35.60	-1.371	-2.193	-2.970	-3.582	-3.893	-3.799	-3.276	-2.407	-1.358	-0.332
3571	35.70	0.504	1.067	1.377	1.532	1.651	1.827	2.086	2.391	2.670	2.855
3581	35.80	2.909	2.842	2.692	2.509	2.326	2.156	1.992	1.822	1.640	1.457
3591	35.90	1.302	1.212	1.227	1.372	1.646	2.011	2.388	2.672	2.750	2.537
3601	36.00	2.010	1.228	0.320	-0.551	-1.235	-1.649	-1.799	-1.770	-1.689	-1.668
3611	36.10	-1.766	-1.970	-2.216	-2.429	-2.557	-2.595	-2.579	-2.557	-2.559	-2.572
3621	36.20	-2.549	-2.425	-2.152	-1.726	-1.191	-0.633	-0.151	0.174	0.306	0.257
3631	36.30	0.110	-0.022	-0.012	0.241	0.774	1.538	2.389	3.118	3.503	3.375
3641	36.40	2.680	1.503	0.050	-1.410	-2.626	-3.437	-3.805	-3.810	-3.600	-3.328
3651	36.50	-3.096	-2.942	-2.847	-2.776	-2.716	-2.686	-2.737	-2.918	-3.244	-3.680
3661	36.60	-4.149	-4.550	-4.798	-4.845	-4.687	-4.353	-3.874	-3.269	-2.533	-1.648
3671	36.70	-0.608	0.555	1.762	2.892	3.808	4.400	4.618	4.496	4.142	3.710
3681	36.80	3.355	3.187	3.238	3.464	3.761	4.007	4.102	3.999	3.706	3.285
3691	36.90	2.817	2.377	2.011	1.722	1.470	1.180	0.758	0.117	-0.795	-1.968
3701	37.00	-3.306	-4.635	-5.733	-6.395	-6.502	-6.075	-5.289	-4.417	-3.739	-5.426
3711	37.10	-3.466	-3.652	-3.662	-3.192	-2.094	-0.465	1.373	2.979	3.959	4.121
3721	37.20	3.548	2.560	1.584	0.976	0.890	1.235	1.761	2.103	2.133	1.866
3731	37.30	1.453	1.254	1.490	2.222	3.292	4.383	5.154	5.381	5.069	4.355
3741	37.40	3.619	3.149	3.128	3.548	4.255	4.978	5.537	5.817	5.835	5.690
3751	37.50	5.497	5.327	5.187	5.035	4.822	4.526	4.151	3.708	3.177	2.489
3761	37.60	1.568	0.284	-1.287	-3.028	-4.701	-6.041	-6.867	-7.156	-7.068	-6.879
3771	37.70	-6.863	-7.159	-7.693	-8.196	-8.299	-7.706	-6.315	-4.286	-1.998	0.087
3781	37.80	1.585	2.315	2.366	1.936	1.408	1.020	0.871	0.895	0.920	0.770
3791	37.90	0.364	-0.255	-0.934	-1.489	-1.790	-1.819	-1.679	-1.544	-1.581	-1.869
3801	38.00	-2.361	-2.892	-3.239	-3.207	-2.711	-1.843	-0.706	0.331	1.039	1.253
3811	38.10	0.955	0.270	-0.580	-1.356	-1.862	-2.019	-1.851	-1.468	-1.014	-0.611
3821	38.20	-0.329	-0.171	-0.084	0.015	0.209	0.553	1.056	1.676	2.322	2.880
3831	38.30	3.238	3.525	3.134	2.725	2.210	1.707	1.301	1.018	0.831	0.692
3841	38.40	0.579	0.524	0.607	0.912	1.466	2.189	2.900	3.373	3.435	3.068
3851	38.50	2.350	1.607	1.169	1.039	1.390	1.956	2.415	2.470	1.972	0.980
3861	38.60	-0.268	-1.463	-2.349	-2.814	-2.907	-2.783	-2.608	-2.487	-2.429	-2.382
3871	38.70	-2.292	-2.153	-2.022	-1.991	-2.132	-2.455	-2.897	-3.357	-3.759	-3.997
3881	38.80	-4.131	-4.171	-4.131	-3.989	-3.695	-3.201	-2.510	-1.683	-0.822	-0.016
3891	38.90	0.708	1.410	2.206	3.206	4.437	5.804	7.111	8.123	8.658	8.654
3901	39.00	8.182	7.405	6.504	5.608	4.767	3.967	3.172	2.367	1.572	0.828
3911	39.10	0.161	-0.443	-1.032	-1.655	-2.320	-2.973	-3.507	-3.814	-3.839	-3.621
3921	39.20	-3.278	-2.960	-2.776	-2.768	-2.802	-2.813	-2.672	-2.345	-1.893	-1.442
3931	39.30	-1.121	-1.005	-1.086	-1.277	-1.478	-1.604	-1.623	-1.552	-1.425	-1.269
3941	39.40	-1.084	-0.859	-0.592	-0.313	-0.080	0.046	0.033	-0.094	-0.266	-0.401
3951	39.50	-0.441	-0.389	-0.299	-0.248	-0.284	-0.399	-0.527	-0.581	-0.500	-0.284
3961	39.60	0.005	0.274	0.450	0.517	0.514	0.511	0.551	0.626	0.675	0.624
3971	39.70	0.439	0.159	-0.116	-0.274	-0.267	-0.147	-0.044	-0.195	-0.645	-1.378
3981	39.80	-2.196	-2.814	-2.971	-2.550	-1.645	-0.526	0.465	1.049	1.118	0.763
3991	39.90	0.215	-0.275	-0.535	-0.557	-0.458	-0.397	-0.503	-0.786	-1.151	-1.455

Table 7—27—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.584	-1.518	-1.336	-1.166	-1.105	-1.174	-1.289	-1.308	-1.106	-0.664
4011	40.10	0.009	0.701	1.268	1.608	1.726	1.722	1.748	1.927	2.294	2.791
4021	40.20	3.290	3.656	3.812	3.760	3.579	3.379	3.251	3.225	3.268	3.306
4031	40.30	3.262	3.098	2.828	2.513	2.231	2.040	1.951	1.924	1.882	1.746
4041	40.40	1.466	1.045	0.539	0.037	-0.379	-0.672	-0.871	-1.072	-1.404	-1.927
4051	40.50	-2.825	-3.881	-4.979	-5.907	-6.473	-6.578	-6.251	-5.636	-4.930	-4.302
4061	40.60	-3.821	-3.438	-3.014	-2.396	-1.508	-0.395	0.773	1.765	2.385	2.550
4071	40.70	2.331	1.925	1.571	1.466	1.690	2.196	2.846	3.484	4.004	4.383
4081	40.80	4.653	4.910	5.159	5.386	5.519	5.475	5.209	4.744	4.162	3.569
4091	40.90	3.049	2.626	2.263	1.891	1.455	0.950	0.428	-0.026	-0.356	-0.483
4101	41.00	-0.519	-0.552	-0.706	-1.074	-1.681	-2.478	-3.366	-4.231	-4.977	-5.545
4111	41.10	-5.912	-6.083	-6.074	-5.910	-5.627	-5.279	-4.935	-4.664	-4.515	-4.492
4121	41.20	-4.565	-4.576	-4.472	-4.136	-3.521	-2.641	-1.567	-0.399	0.757	1.809
4131	41.30	2.691	3.357	3.784	3.965	3.972	3.708	3.403	3.104	2.895	2.818
4141	41.40	2.854	2.932	2.955	2.842	2.564	2.164	1.740	1.405	1.242	1.267
4151	41.50	1.425	1.618	1.749	1.771	1.703	1.620	1.615	1.750	2.017	2.337
4161	41.60	2.590	2.656	2.673	2.056	1.496	0.924	0.459	0.173	0.065	0.078
4171	41.70	0.125	0.127	0.044	-0.124	-0.342	-0.564	-0.761	-0.927	-1.080	-1.251
4181	41.80	-1.465	-1.728	-2.025	-2.323	-2.586	-2.786	-2.915	-2.989	-3.044	-3.123
4191	41.90	-3.269	-3.508	-3.841	-4.239	-4.647	-4.993	-5.203	-5.221	-5.022	-4.615
4201	42.00	-4.046	-3.379	-2.684	-2.012	-1.394	-0.830	-0.304	0.207	0.714	1.211
4211	42.10	1.670	2.055	2.336	2.499	2.556	2.541	2.494	2.444	2.393	2.314
4221	42.20	2.156	1.874	1.446	0.898	0.300	-0.250	-0.659	-0.869	-0.878	-0.740
4231	42.30	-0.543	-0.373	-0.282	-0.279	-0.333	-0.402	-0.465	-0.533	-0.651	-0.869
4241	42.40	-1.208	-1.633	-2.068	-2.320	-2.332	-1.981	-1.307	-0.390	0.625	1.590
4251	42.50	2.391	2.980	3.369	3.607	3.756	3.851	3.917	3.956	3.973	3.980
4261	42.60	3.999	4.043	4.104	4.142	4.098	3.920	3.589	3.142	2.664	2.264
4271	42.70	2.031	1.993	2.105	2.255	2.308	2.155	1.749	1.122	0.564	-0.415
4281	42.80	-1.126	-1.726	-2.220	-2.643	-3.025	-3.374	-3.669	-3.878	-3.979	-3.980
4291	42.90	-3.916	-3.845	-3.804	-3.802	-3.809	-3.771	-3.636	-3.374	-2.998	-2.550
4301	43.00	-2.084	-1.664	-1.254	-0.917	-0.631	-0.401	-0.241	-0.163	-0.159	-0.185
4311	43.10	-0.269	-0.032	0.269	0.711	1.199	1.588	1.741	1.581	1.128	0.503
4321	43.20	-0.122	-0.583	-0.793	-0.740	-0.582	-0.390	-0.291	-0.319	-0.435	-0.537
4331	43.30	-0.540	-0.396	-0.125	0.199	0.491	0.695	0.814	0.906	1.055	1.327
4341	43.40	1.740	2.252	2.773	3.204	3.465	3.522	3.382	3.083	2.665	2.159
4351	43.50	1.574	0.911	0.181	-0.586	-1.330	-1.971	-2.425	-2.627	-2.555	-2.233
4361	43.60	-1.730	-1.144	-0.578	-0.114	0.200	0.363	0.410	0.394	0.372	0.376
4371	43.70	0.416	0.476	0.531	0.563	0.568	0.566	0.583	0.640	0.739	0.857
4381	43.80	0.955	0.998	0.971	0.898	0.833	0.847	0.995	1.297	1.714	2.163
4391	43.90	2.536	2.735	2.698	2.421	1.950	1.361	0.734	0.131	-0.419	-0.906
4401	44.00	-1.332	-1.692	-1.972	-2.153	-2.226	-2.209	-2.143	-2.091	-2.103	-2.203
4411	44.10	-2.371	-2.551	-2.676	-2.697	-2.607	-2.443	-2.270	-2.151	-2.118	-2.158
4421	44.20	-2.227	-2.275	-2.271	-2.228	-2.186	-2.197	-2.284	-2.425	-2.548	-2.561
4431	44.30	-2.388	-2.002	-1.444	-0.807	-0.206	0.259	0.536	0.616	0.549	0.398
4441	44.40	0.227	0.083	-0.006	-0.030	0.013	0.115	0.261	0.435	0.615	0.790
4451	44.50	0.953	1.114	1.286	1.471	1.669	1.862	2.030	2.167	2.286	2.422
4461	44.60	2.617	2.894	3.243	3.612	3.926	4.110	4.121	3.959	3.659	3.267
4471	44.70	2.818	2.316	1.747	1.099	0.388	-0.332	-0.976	-1.468	-1.771	-1.908
4481	44.80	-1.958	-2.016	-2.153	-2.378	-2.638	-2.839	-2.898	-2.777	-2.500	-2.135
4491	44.90	-1.758	-1.410	-1.081	-0.721	-0.276	0.271	0.884	1.472	1.929	2.176

Table 7—27—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.189	2.009	1.719	1.410	1.146	0.949	0.807	0.691	0.579	0.463
4511	45.10	0.350	0.249	0.157	0.066	-0.043	-0.166	-0.288	-0.381	-0.416	-0.387
4521	45.20	-0.319	-0.262	-0.274	-0.393	-0.626	-0.937	-1.270	-1.565	-1.784	-1.920
4531	45.30	-1.992	-2.024	-2.036	-2.024	-1.971	-1.851	-1.630	-1.376	-1.054	-0.726
4541	45.40	-0.429	-0.193	-0.026	0.074	0.120	0.126	0.105	0.061	0.004	-0.062
4551	45.50	-0.131	-0.195	-0.240	-0.252	-0.211	-0.098	0.103	0.393	0.758	1.143
4561	45.60	1.569	1.937	2.249	2.510	2.752	3.017	3.341	3.729	4.152	4.567
4571	45.70	4.837	4.948	4.837	4.500	3.970	3.307	2.580	1.848	1.154	0.521
4581	45.80	-0.039	-0.522	-0.923	-1.243	-1.486	-1.665	-1.803	-1.929	-2.064	-2.220
4591	45.90	-2.390	-2.550	-2.673	-2.729	-2.708	-2.612	-2.461	-2.279	-2.086	-1.889
4601	46.00	-1.687	-1.474	-1.249	-1.026	-0.830	-0.695	-0.645	-0.689	-0.808	-0.960
4611	46.10	-1.090	-1.146	-1.088	-0.899	-0.582	-0.157	0.342	0.867	1.360	1.766
4621	46.20	1.949	1.902	1.575	0.993	0.248	-0.512	-1.121	-1.437	-1.586	-0.991
4631	46.30	-0.360	0.349	0.982	1.442	1.718	1.875	2.015	2.228	2.546	2.926
4641	46.40	3.269	3.466	3.444	3.198	2.793	2.330	1.902	1.557	1.277	1.008
4651	46.50	0.687	0.290	-0.158	-0.593	-0.951	-1.210	-1.416	-1.664	-2.062	-2.668
4661	46.60	-3.453	-4.291	-5.005	-5.424	-5.458	-5.128	-4.558	-3.920	-3.369	-2.986
4671	46.70	-2.763	-2.621	-2.467	-2.242	-1.942	-1.616	-1.324	-1.099	-0.923	-0.738
4681	46.80	-0.681	-0.123	0.300	0.697	0.953	0.980	0.759	0.330	-0.125	-0.520
4691	46.90	-0.719	-0.663	-0.359	0.133	0.723	1.324	1.865	2.293	2.580	2.714
4701	47.00	2.700	2.564	2.347	2.100	1.870	1.688	1.562	1.480	1.415	1.341
4711	47.10	1.241	1.106	0.938	0.735	0.497	0.223	-0.083	-0.404	-0.717	-0.995
4721	47.20	-1.215	-1.371	-1.468	-1.518	-1.534	-1.521	-1.484	-1.431	-1.386	-1.381
4731	47.30	-1.449	-1.605	-1.825	-2.043	-2.170	-2.119	-1.844	-1.367	-0.762	-0.152
4741	47.40	0.342	0.633	0.698	0.577	0.353	0.128	-0.011	-0.008	0.154	0.452
4751	47.50	0.837	1.239	1.592	1.844	1.976	2.012	2.010	2.043	2.167	2.395
4761	47.60	2.683	2.948	3.098	3.078	2.895	2.615	2.333	2.125	2.013	1.951
4771	47.70	1.856	1.654	1.328	0.932	0.573	0.349	0.301	0.376	0.447	0.367
4781	47.80	0.042	-0.522	-1.209	-1.846	-2.269	-2.403	-2.271	-2.004	-1.753	-1.635
4791	47.90	-1.680	-1.835	-1.996	-2.061	-1.979	-1.766	-1.487	-1.221	-1.026	-0.922
4801	48.00	-0.890	-0.892	-0.887	-0.842	-0.731	-0.540	-0.259	0.100	0.503	0.889
4811	48.10	1.191	1.358	1.383	1.311	1.228	1.219	1.332	1.547	1.791	1.967
4821	48.20	2.005	1.898	1.701	1.506	1.386	1.360	1.381	1.362	1.228	0.957
4831	48.30	0.594	0.225	-0.071	-0.266	-0.404	-0.571	-0.848	-1.259	-1.749	-2.206
4841	48.40	-2.518	-2.628	-2.560	-2.405	-2.254	-2.159	-2.080	-1.912	-1.565	-0.933
4851	48.50	-0.144	0.648	1.230	1.435	1.219	0.675	-0.001	-0.594	-0.959	-1.066
4861	48.60	-0.988	-0.851	-0.758	-0.741	-0.756	-0.719	-0.562	-0.272	0.096	0.452
4871	48.70	0.715	0.856	0.903	0.929	1.003	1.165	1.408	1.689	1.964	2.204
4881	48.80	2.406	2.583	2.734	2.837	2.846	2.711	2.409	1.962	1.430	0.892
4891	48.90	0.412	0.011	-0.331	-0.663	-1.028	-1.439	-1.873	-2.278	-2.606	-2.836
4901	49.00	-2.982	-3.082	-3.177	-3.283	-3.383	-3.432	-3.383	-3.211	-2.930	-2.590
4911	49.10	-2.262	-2.010	-1.822	-1.850	-1.916	-2.030	-2.155	-2.265	-2.344	-2.380
4921	49.20	-2.367	-2.206	-1.905	-1.598	-0.654	0.303	1.407	2.549	3.601	4.452
4931	49.30	5.038	5.361	5.486	5.518	5.360	5.672	5.855	6.047	6.156	6.089
4941	49.40	5.810	5.332	4.721	4.066	3.429	2.846	2.303	1.767	1.211	0.635
4951	49.50	0.075	-0.419	-0.802	-1.063	-1.224	-1.330	-1.435	-1.530	-1.639	-1.729
4961	49.60	-1.780	-1.794	-1.801	-1.844	-1.958	-2.150	-2.394	-2.641	-2.851	-3.010
4971	49.70	-3.140	-3.281	-3.469	-3.701	-3.929	-4.064	-4.011	-3.708	-3.152	-2.405
4981	49.80	-1.573	-0.774	-0.101	0.397	0.720	0.895	0.960	0.940	0.847	0.678
4991	49.90	0.437	0.140	-0.181	-0.480	-0.714	-0.857	-0.905	-0.883	-0.827	-0.777

Table 7—27—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) I= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.759	-0.777	-0.817	-0.869	-0.867	-0.796	-0.699	-0.576	-0.445	-0.316
5011	50.10	-0.177	-0.003	0.231	0.532	0.877	1.214	1.481	1.637	1.684	1.668
5021	50.20	1.669	1.755	1.950	2.212	2.442	2.526	2.386	2.019	1.505	0.979
5031	50.30	0.571	0.355	0.315	0.360	0.369	0.258	0.025	-0.240	-0.390	-0.283
5041	50.40	0.157	0.906	1.830	2.753	3.491	3.913	3.970	3.686	3.136	2.409
5051	50.50	1.589	0.743	-0.075	-0.823	-1.464	-1.975	-2.349	-2.601	-2.755	-2.837
5061	50.60	-2.857	-2.805	-2.657	-2.396	-2.029	-1.599	-1.187	-0.883	-0.768	-0.880
5071	50.70	-1.207	-1.684	-2.217	-2.707	-3.074	-3.275	-3.306	-3.195	-2.989	-2.733
5081	50.80	-2.462	-2.192	-1.921	-1.637	-1.327	-0.989	-0.637	-0.298	-0.000	0.232
5091	50.90	0.396	0.510	0.607	0.723	0.881	1.081	1.303	1.517	1.697	1.832
5101	51.00	1.929	2.007	2.079	2.145	2.192	2.196	2.143	2.037	1.903	1.772
5111	51.10	1.668	1.589	1.501	1.359	1.121	0.783	0.382	-0.008	-0.307	-0.462
5121	51.20	-0.473	-0.396	-0.322	-0.336	-0.483	-0.741	-1.035	-1.264	-1.343	-1.235
5131	51.30	-0.956	-0.571	-0.159	0.227	0.569	0.878	1.180	1.485	1.775	2.003
5141	51.40	2.121	2.095	1.931	1.670	1.375	1.101	0.878	0.702	0.543	0.368
5151	51.50	0.158	-0.085	-0.342	-0.590	-0.819	-1.031	-1.235	-1.434	-1.609	-1.725
5161	51.60	-1.744	-1.642	-1.431	-1.155	-0.881	-0.667	-0.540	-0.488	-0.464	-0.415
5171	51.70	-0.303	-0.123	0.100	0.327	0.526	0.689	0.824	0.942	1.040	1.092
5181	51.80	1.057	0.898	0.611	0.230	-0.173	-0.523	-0.765	-0.892	-0.941	-0.976
5191	51.90	-1.053	-1.195	-1.388	-1.588	-1.752	-1.858	-1.914	-1.943	-1.962	-1.964
5201	52.00	-1.913	-1.761	-1.476	-1.068	-0.592	-0.132	0.238	0.479	0.611	0.696
5211	52.10	0.808	0.995	1.253	1.528	1.746	1.850	1.830	1.733	1.643	1.644
5221	52.20	1.783	2.050	2.381	2.690	2.895	2.957	2.879	2.708	2.503	2.318
5231	52.30	2.182	2.095	2.039	1.986	1.911	1.798	1.648	1.470	1.284	1.110
5241	52.40	0.965	0.852	0.757	0.651	0.501	0.278	-0.022	-0.322	-0.721	-1.008
5251	52.50	-1.186	-1.244	-1.208	-1.135	-1.086	-1.096	-1.164	-1.252	-1.307	-1.289
5261	52.60	-1.197	-1.076	-0.998	-1.035	-1.227	-1.562	-1.982	-2.407	-2.761	-3.001
5271	52.70	-3.124	-3.155	-3.125	-3.052	-2.932	-2.750	-2.498	-2.192	-1.876	-1.605
5281	52.80	-1.426	-1.345	-1.322	-1.286	-1.152	-0.875	-0.461	0.029	0.500	0.864
5291	52.90	1.069	1.119	1.065	0.974	0.905	0.879	0.883	0.886	0.861	0.807
5301	53.00	0.746	0.710	0.722	0.773	0.829	0.845	0.794	0.685	0.573	0.538
5311	53.10	0.653	0.949	1.398	1.917	2.392	2.715	2.822	2.706	2.419	2.046
5321	53.20	1.681	1.398	1.233	1.187	1.225	1.301	1.364	1.371	1.300	1.145
5331	53.30	0.914	0.626	0.301	-0.047	-0.404	-0.760	-1.101	-1.407	-1.654	-1.827
5341	53.40	-1.926	-1.974	-2.011	-2.080	-2.207	-2.383	-2.566	-2.694	-2.715	-2.611
5351	53.50	-2.411	-2.171	-1.952	-1.778	-1.625	-1.427	-1.117	-0.660	-0.096	0.478
5361	53.60	0.931	1.167	1.163	0.985	0.763	0.633	0.672	0.874	1.150	1.386
5371	53.70	1.490	1.442	1.288	1.104	0.943	0.792	0.578	0.204	-0.389	-1.171
5381	53.80	-2.015	-2.745	-3.204	-3.326	-3.166	-2.874	-2.623	-2.526	-2.581	-2.670
5391	53.90	-2.611	-2.244	-1.506	-0.468	0.695	1.759	2.542	2.954	3.018	2.847
5401	54.00	2.586	2.364	2.252	2.261	2.352	2.467	2.548	2.553	2.460	2.264
5411	54.10	1.977	1.627	1.252	0.902	0.622	0.441	0.369	0.387	0.456	0.526
5421	54.20	0.550	0.494	0.338	0.081	-0.258	-0.647	-1.038	-1.378	-1.621	-1.741
5431	54.30	-1.743	-1.661	-1.554	-1.475	-1.458	-1.500	-1.558	-1.570	-1.476	-1.245
5441	54.40	-0.881	-0.425	0.064	0.531	0.941	1.285	1.572	1.817	2.031	2.208
5451	54.50	2.331	2.376	2.318	2.144	1.854	1.465	1.010	0.534	0.088	-0.283
5461	54.60	-0.553	-0.722	-0.821	-0.895	-0.993	-1.145	-1.350	-1.578	-1.785	-1.933
5471	54.70	-2.008	-2.025	-2.023	-2.038	-2.092	-2.182	-2.277	-2.343	-2.352	-2.297
5481	54.80	-2.192	-2.058	-1.915	-1.766	-1.605	-1.424	-1.217	-0.992	-0.760	-0.524
5491	54.90	-0.274	0.013	0.360	0.773	1.224	1.655	1.997	2.193	2.234	2.155

Table 7—27—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKAISUSHIKA B MAX. ACC. = 55.328 (GAL) I= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	2.032	1.941	1.928	1.987	2.065	2.088	2.002	1.794	1.505	1.202
5511	55.10	0.949	0.771	0.643	0.507	0.300	-0.003	-0.375	-0.745	-1.022	-1.139
5521	55.20	-1.081	-0.886	-0.626	-0.382	-0.200	-0.079	0.015	0.131	0.297	0.508
5531	55.30	0.724	0.887	0.951	0.900	0.759	0.584	0.441	0.385	0.443	0.609
5541	55.40	0.844	1.097	1.312	1.466	1.476	1.407	1.267	1.103	0.961	0.871
5551	55.50	0.835	0.822	0.776	0.644	0.396	0.047	-0.340	-0.678	-0.884	-0.916
5561	55.60	-0.787	-0.567	-0.345	-0.198	-0.154	-0.188	-0.235	-0.231	-0.141	0.016
5571	55.70	0.180	0.283	0.282	0.184	0.046	-0.056	-0.064	0.032	0.187	0.322
5581	55.80	0.368	0.297	0.238	-0.036	-0.144	-0.138	-0.021	0.152	0.311	0.408
5591	55.90	0.439	0.444	0.485	0.602	0.787	0.980	1.086	1.024	0.755	0.306
5601	56.00	-0.244	-0.796	-1.269	-1.619	-1.842	-1.956	-1.976	-1.899	-1.703	-1.376
5611	56.10	-0.930	-0.421	0.064	0.432	0.621	0.624	0.492	0.313	0.178	0.146
5621	56.20	0.226	0.379	0.542	0.656	0.684	0.622	0.488	0.311	0.118	-0.074
5631	56.30	-0.250	-0.399	-0.506	-0.564	-0.573	-0.552	-0.535	-0.560	-0.654	-0.818
5641	56.40	-1.027	-1.234	-1.388	-1.460	-1.445	-1.371	-1.283	-1.223	-1.213	-1.249
5651	56.50	-1.301	-1.330	-1.304	-1.213	-1.070	-0.911	-0.773	-0.682	-0.644	-0.636
5661	56.60	-0.624	-0.568	-0.447	-0.259	-0.031	0.202	0.405	0.561	0.679	0.784
5671	56.70	0.910	1.074	1.269	1.466	1.611	1.671	1.625	1.485	1.290	1.081
5681	56.80	0.894	0.738	0.605	0.480	0.359	0.256	0.200	0.221	0.327	0.495
5691	56.90	0.668	0.783	0.787	0.666	0.447	0.185	-0.057	-0.241	-0.359	-0.435
5701	57.00	-0.502	-0.584	-0.683	-0.776	-0.830	-0.824	-0.756	-0.646	-0.524	-0.416
5711	57.10	-0.331	-0.261	-0.191	-0.107	-0.011	0.087	0.172	0.240	0.294	0.367
5721	57.20	0.408	0.420	0.510	0.495	0.405	0.248	0.060	-0.096	-0.163	-0.112
5731	57.30	0.040	0.231	0.376	0.388	0.227	-0.104	-0.551	-1.034	-1.474	-1.813
5741	57.40	-2.029	-2.138	-2.176	-2.190	-2.217	-2.281	-2.378	-2.487	-2.569	-2.578
5751	57.50	-2.481	-2.262	-1.937	-1.548	-1.156	-0.817	-0.569	-0.414	-0.324	-0.254
5761	57.60	-0.159	-0.011	0.191	0.427	0.669	0.897	1.106	1.305	1.507	1.716
5771	57.70	1.923	2.109	2.249	2.326	2.338	2.297	2.221	2.126	2.021	1.910
5781	57.80	1.795	1.680	1.573	1.482	1.403	1.318	1.203	1.032	0.797	0.517
5791	57.90	0.235	0.000	-0.146	-0.193	-0.163	-0.104	-0.065	-0.074	-0.126	-0.187
5801	58.00	-0.215	-0.179	-0.079	0.060	0.203	0.323	0.426	0.535	0.694	0.920
5811	58.10	1.196	1.463	1.659	1.658	1.495	1.184	0.810	0.473	0.249	0.167
5821	58.20	0.194	0.263	0.302	0.267	0.159	0.011	-0.129	-0.229	-0.286	-0.323
5831	58.30	-0.372	-0.447	-0.538	-0.607	-0.616	-0.544	-0.404	-0.240	-0.109	-0.052
5841	58.40	-0.074	-0.145	-0.211	-0.223	-0.162	-0.046	0.079	0.162	0.167	0.093
5851	58.50	-0.036	-0.183	-0.324	-0.458	-0.605	-0.792	-1.031	-1.302	-1.554	-1.717
5861	58.60	-1.725	-1.561	-1.173	-0.672	-0.155	0.410	0.832	1.108	1.232	1.231
5871	58.70	1.147	1.031	0.925	0.852	0.817	0.808	0.807	0.798	0.777	0.752
5881	58.80	0.730	0.714	0.691	0.635	0.514	0.310	0.030	-0.286	-0.580	-0.793
5891	58.90	-0.894	-0.894	-0.843	-0.810	-0.856	-1.007	-1.244	-1.512	-1.743	-1.884
5901	59.00	-1.916	-1.851	-1.727	-1.581	-1.436	-1.295	-1.150	-0.992	-0.820	-0.643
5911	59.10	-0.470	-0.307	-0.144	0.032	0.231	0.446	0.651	0.807	0.880	0.858
5921	59.20	0.761	0.631	0.519	0.462	0.466	0.498	0.517	0.479	0.367	0.194
5931	59.30	0.092	-0.161	-0.260	-0.283	-0.250	-0.193	-0.148	-0.134	-0.153	-0.187
5941	59.40	-0.215	-0.219	-0.193	-0.142	-0.071	0.017	0.128	0.274	0.464	0.695
5951	59.50	0.944	1.170	1.328	1.380	1.315	1.150	0.925	0.686	0.464	0.262
5961	59.60	0.052	-0.203	-0.530	-0.921	-1.330	-1.686	-1.923	-2.009	-1.968	-1.865
5971	59.70	-1.782	-1.776	-1.847	-1.938	-1.961	-1.834	-1.531	-1.089	-0.595	-0.144
5981	59.80	0.208	0.466	0.688	0.943	1.265	1.612	1.880	1.937	1.691	1.136
5991	59.90	0.569	-0.434	-1.088	-1.458	-1.505	-1.289	-0.935	-0.572	-0.291	-0.119

Table 7—27—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.027	0.039	0.133	0.286	0.504	0.780	1.099	1.441	1.776	2.059
6011	60.10	2.233	2.247	2.080	1.757	1.319	0.956	0.669	0.539	0.560	0.676
6021	60.20	0.815	0.909	0.939	0.912	0.855	0.790	0.715	0.608	0.447	0.230
6031	60.30	-0.015	-0.232	-0.367	-0.395	-0.339	-0.263	-0.247	-0.347	-0.571	-0.871
6041	60.40	-1.165	-1.372	-1.446	-1.392	-1.260	-1.134	-1.006	-0.936	-0.877	-0.773
6051	60.50	-0.579	-0.282	0.085	0.452	0.755	0.934	0.987	0.947	0.877	0.843
6061	60.60	0.887	1.012	1.185	1.350	1.452	1.457	1.368	1.220	1.064	0.969
6071	60.70	0.901	0.918	0.971	1.022	1.037	1.004	0.929	0.836	0.742	0.661
6081	60.80	0.586	0.497	0.374	0.203	-0.014	-0.264	-0.528	-0.796	-1.064	-1.340
6091	60.90	-1.634	-1.949	-2.254	-2.628	-2.969	-3.296	-3.601	-3.873	-4.093	-4.255
6101	61.00	-4.268	-4.166	-3.927	-3.570	-3.143	-2.700	-2.285	-1.915	-1.577	-1.231
6111	61.10	-0.837	-0.372	0.152	0.692	1.184	1.570	1.815	1.921	1.928	1.892
6121	61.20	1.874	1.916	2.035	2.218	2.431	2.631	2.776	2.834	2.789	2.644
6131	61.30	2.420	2.149	1.870	1.618	1.418	1.279	1.195	1.166	1.107	1.056
6141	61.40	0.979	0.871	0.737	0.585	0.421	0.269	0.071	-0.115	-0.305	-0.490
6151	61.50	-0.658	-0.790	-0.873	-0.900	-0.872	-0.805	-0.710	-0.615	-0.532	-0.471
6161	61.60	-0.430	-0.403	-0.381	-0.356	-0.320	-0.271	-0.204	-0.117	-0.010	0.115
6171	61.70	0.245	0.364	0.453	0.497	0.494	0.451	0.390	0.334	0.300	0.295
6181	61.80	0.314	0.347	0.386	0.431	0.488	0.564	0.661	0.768	0.866	0.933
6191	61.90	0.958	0.947	0.917	0.889	0.876	0.871	0.854	0.798	0.691	0.548
6201	62.00	0.405	0.309	0.294	0.356	0.450	0.500	0.430	0.190	-0.216	-0.733
6211	62.10	-1.271	-1.738	-2.071	-2.254	-2.315	-2.308	-2.286	-2.284	-2.307	-2.340
6221	62.20	-2.359	-2.347	-2.307	-2.254	-2.214	-2.204	-2.232	-2.286	-2.343	-2.377
6231	62.30	-2.366	-2.299	-2.181	-2.030	-1.869	-1.721	-1.598	-1.499	-1.404	-1.287
6241	62.40	-1.117	-0.878	-0.571	-0.219	0.143	0.475	0.747	0.943	1.068	1.136
6251	62.50	1.163	1.166	1.154	1.134	1.116	1.111	1.129	1.181	1.267	1.379
6261	62.60	1.508	1.645	1.788	1.939	2.100	2.265	2.408	2.497	2.496	2.388
6271	62.70	2.181	1.913	1.637	1.404	1.240	1.139	1.068	0.988	0.871	0.716
6281	62.80	0.547	0.399	0.296	0.231	0.183	0.109	-0.020	-0.206	-0.417	-0.605
6291	62.90	-0.726	-0.762	-0.733	-0.683	-0.662	-0.698	-0.783	-0.877	-0.931	-0.912
6301	63.00	-0.819	-0.686	-0.564	-0.491	-0.471	-0.474	-0.448	-0.349	-0.169	0.052
6311	63.10	0.244	0.333	0.279	0.097	-0.150	-0.372	-0.497	-0.496	-0.398	-0.270
6321	63.20	-0.185	-0.187	-0.277	-0.412	-0.538	-0.616	-0.643	-0.648	-0.671	-0.732
6331	63.30	-0.807	-0.841	-0.766	-0.566	-0.200	0.188	0.503	0.665	0.573	0.330
6341	63.40	0.030	-0.193	-0.233	-0.064	0.255	0.607	0.867	0.956	0.868	0.671
6351	63.50	0.467	0.367	0.356	0.478	0.655	0.815	0.911	0.931	0.899	0.850
6361	63.60	0.814	0.803	0.813	0.836	0.874	0.940	1.051	1.209	1.392	1.552
6371	63.70	1.636	1.604	1.457	1.238	1.019	0.878	0.861	0.973	1.170	1.383
6381	63.80	1.542	1.600	1.545	1.395	1.183	0.946	0.711	0.500	0.326	0.204
6391	63.90	0.141	0.134	0.166	0.195	0.184	0.099	-0.066	-0.290	-0.528	-0.732
6401	64.00	-0.871	-0.948	-0.991	-1.061	-1.128	-1.252	-1.379	-1.458	-1.436	-1.287
6411	64.10	-1.020	-0.680	-0.329	-0.026	0.186	0.287	0.276	0.165	-0.032	-0.294
6421	64.20	-0.597	-0.910	-1.199	-1.436	-1.612	-1.738	-1.845	-1.970	-2.134	-2.333
6431	64.30	-2.538	-2.708	-2.811	-2.845	-2.840	-2.845	-2.902	-3.019	-3.164	-3.270
6441	64.40	-3.267	-3.112	-2.815	-2.435	-2.055	-1.750	-1.550	-1.432	-1.331	-1.180
6451	64.50	-0.934	-0.603	-0.237	0.097	0.369	0.519	0.659	0.851	1.170	1.650
6461	64.60	2.260	2.910	3.485	3.880	4.035	3.951	3.687	3.333	2.986	2.719
6471	64.70	2.571	2.543	2.606	2.710	2.798	2.815	2.723	2.502	2.162	1.735
6481	64.80	1.273	0.825	0.428	0.094	-0.190	-0.453	-0.720	-1.003	-1.291	-1.556
6491	64.90	-1.767	-1.904	-1.965	-1.964	-1.925	-1.863	-1.780	-1.668	-1.514	-1.319

Table 7—27—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA B MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.100	-0.889	-0.718	-0.599	-0.518	-0.436	-0.302	-0.086	0.209	0.539
6511	65.10	0.833	1.021	1.065	0.972	0.798	0.616	0.495	0.463	0.506	0.571
6521	65.20	0.599	0.549	0.421	0.250	0.092	-0.005	-0.014	0.042	0.124	0.178
6531	65.30	0.170	0.089	-0.043	-0.191	-0.318	-0.398	-0.426	-0.411	-0.368	-0.312
6541	65.40	-0.252	-0.192	-0.135	-0.081	-0.031	0.018	0.071	0.134	0.215	0.311
6551	65.50	0.413	0.502	0.564	0.590	0.581	0.549	0.506	0.457	0.392	0.293
6561	65.60	0.142	-0.068	-0.321	-0.580	-0.800	-0.941	-0.981	-0.927	-0.801	-0.637
6571	65.70	-0.462	-0.293	-0.139	-0.009	0.085	0.126	0.105	0.027	-0.079	-0.165
6581	65.80	-0.184	-0.107	0.056	0.259	0.439	0.542	0.555	0.507	0.467	0.501
6591	65.90	0.640	0.863	1.093	1.233	1.207	0.996	0.650	0.265	-0.052	-0.232
6601	66.00	-0.266	-0.208	-0.143	-0.149	-0.262	-0.464	-0.697	-0.890	-0.994	-0.998
6611	66.10	-0.930	-0.835	-0.760	-0.731	-0.750	-0.798	-0.853	-0.893	-0.901	-0.868
6621	66.20	-0.788	-0.657	-0.486	-0.300	-0.135	-0.033	-0.022	-0.100	-0.234	-0.366
6631	66.30	-0.431	-0.398	-0.268	-0.081	0.107	0.252	0.367	0.421	0.531	0.723
6641	66.40	1.006	1.340	1.645	1.831	1.836	1.651	1.328	0.955	0.628	0.412
6651	66.50	0.325	0.339	0.398	0.444	0.443	0.388	0.295	0.192	0.103	0.041
6661	66.60	0.010	0.008	0.033	0.087	0.169	0.273	0.384	0.483	0.549	0.570
6671	66.70	0.543	0.476	0.384	0.280	0.175	0.072	-0.027	-0.123	-0.213	-0.295
6681	66.80	-0.367	-0.429	-0.487	-0.545	-0.604	-0.663	-0.714	-0.748	-0.758	-0.745
6691	66.90	-0.713	-0.675	-0.642	-0.624	-0.627	-0.651	-0.696	-0.759	-0.835	-0.917
6701	67.00	-0.996	-1.063	-1.108	-1.127	-1.123	-1.101	-1.073	-1.046	-1.027	-1.018
6711	67.10	-1.020	-1.035	-1.067	-1.120	-1.193	-1.260	-1.368	-1.438	-1.471	-1.456
6721	67.20	-1.384	-1.269	-1.121	-0.956	-0.781	-0.610	-0.448	-0.300	-0.168	-0.068
6731	67.30	0.074	0.219	0.411	0.666	0.974	1.315	1.638	1.893	2.045	2.070
6741	67.40	2.003	1.888	1.777	1.708	1.690	1.704	1.711	1.676	1.579	1.429
6751	67.50	1.252	1.085	0.960	0.890	0.875	0.901	0.948	1.002	1.048	1.078
6761	67.60	1.085	1.069	1.032	0.991	0.965	0.970	1.009	1.065	1.098	1.062
6771	67.70	0.920	0.666	0.331	-0.024	-0.329	-0.529	-0.605	-0.576	-0.488	-0.392
6781	67.80	-0.324	-0.292	-0.284	-0.282	-0.275	-0.268	-0.279	-0.324	-0.405	-0.506
6791	67.90	-0.600	-0.665	-0.698	-0.719	-0.763	-0.857	-1.000	-1.158	-1.288	-1.266
6801	68.00	-1.115	-0.823	-0.460	-0.058	0.280	0.499	0.608	0.641	0.651	0.680
6811	68.10	0.752	0.861	0.991	1.125	1.251	1.372	1.487	1.591	1.667	1.694
6821	68.20	1.657	1.557	1.417	1.268	1.137	1.032	0.936	0.811	0.629	0.377
6831	68.30	0.071	-0.243	-0.551	-0.690	-0.765	-0.749	-0.675	-0.574	-0.467	-0.354
6841	68.40	-0.227	-0.077	0.089	0.253	0.389	0.481	0.534	0.568	0.613	0.688
6851	68.50	0.783	0.862	0.870	0.762	0.520	0.169	-0.231	-0.607	-0.898	-1.078
6861	68.60	-1.162	-1.191	-1.215	-1.269	-1.362	-1.478	-1.589	-1.672	-1.722	-1.748
6871	68.70	-1.774	-1.819	-1.886	-1.973	-2.056	-2.118	-2.150	-2.152	-2.137	-2.118
6881	68.80	-2.105	-2.098	-2.090	-2.064	-2.007	-1.904	-1.746	-1.532	-1.266	-0.965
6891	68.90	-0.652	-0.354	-0.100	0.093	0.222	0.300	0.348	0.386	0.420	0.443
6901	69.00	0.440	0.400	0.330	0.262	0.247	0.329	0.528	0.816	1.122	1.352
6911	69.10	1.426	1.398	1.030	0.681	0.371	0.189	0.166	0.256	0.373	0.416
6921	69.20	0.321	0.090	-0.206	-0.662	-0.587	-0.539	-0.344	-0.084	0.142	0.263
6931	69.30	0.260	0.171	0.065	0.008	0.032	0.128	0.256	0.372	0.452	0.501
6941	69.40	0.546	0.606	0.689	0.770	0.805	0.758	0.622	0.425	0.225	0.081
6951	69.50	0.028	0.061	0.140	0.214	0.245	0.227	0.185	0.154	0.150	0.158
6961	69.60	0.129	0.005	-0.251	-0.626	-1.060	-1.459	-1.743	-1.874	-1.877	-1.830
6971	69.70	-1.821	-1.917	-2.125	-2.393	-2.637	-2.776	-2.771	-2.642	-2.451	-2.271
6981	69.80	-2.153	-2.104	-2.090	-2.056	-1.964	-1.805	-1.608	-1.416	-1.257	-1.127
6991	69.90	-0.982	-0.763	-0.422	0.044	0.585	1.116	1.548	1.831	1.969	2.021

Table 7—27—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA a MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	2.073	2.198	2.421	2.711	2.999	3.212	3.305	3.290	3.222	3.173
7011	70.10	3.194	3.291	3.415	3.589	3.437	3.226	2.876	2.457	2.053	1.732
7021	70.20	1.519	1.388	1.284	1.147	0.939	0.663	0.352	0.051	-0.202	-0.389
7031	70.30	-0.516	-0.600	-0.659	-0.697	-0.710	-0.694	-0.649	-0.591	-0.544	-0.527
7041	70.40	-0.544	-0.581	-0.607	-0.590	-0.511	-0.375	-0.205	-0.033	0.118	0.243
7051	70.50	0.357	0.488	0.658	0.871	1.116	1.355	1.564	1.720	1.822	1.881
7061	70.60	1.918	1.949	1.981	2.010	2.027	2.022	1.991	1.935	1.856	1.756
7071	70.70	1.629	1.480	1.309	1.128	0.968	0.781	0.633	0.500	0.370	0.231
7081	70.80	0.082	-0.069	-0.203	-0.300	-0.353	-0.367	-0.367	-0.380	-0.430	-0.518
7091	70.90	-0.631	-0.740	-0.816	-0.845	-0.831	-0.794	-0.757	-0.738	-0.740	-0.752
7101	71.00	-0.758	-0.751	-0.733	-0.723	-0.742	-0.803	-0.906	-1.028	-1.140	-1.214
7111	71.10	-1.235	-1.209	-1.158	-1.107	-1.079	-1.079	-1.102	-1.129	-1.147	-1.148
7121	71.20	-1.136	-1.122	-1.118	-1.128	-1.147	-1.165	-1.168	-1.149	-1.107	-1.068
7131	71.30	-0.980	-0.909	-0.836	-0.755	-0.657	-0.536	-0.390	-0.223	-0.042	0.140
7141	71.40	0.314	0.469	0.596	0.690	0.747	0.767	0.757	0.729	0.702	0.692
7151	71.50	0.712	0.765	0.842	0.929	1.006	1.064	1.103	1.138	1.190	1.281
7161	71.60	1.415	1.573	1.711	1.767	1.675	1.392	0.910	0.269	-0.453	-1.152
7171	71.70	-1.731	-2.122	-2.306	-2.314	-2.211	-2.075	-1.973	-1.962	-1.984	-2.077
7181	71.80	-2.188	-2.288	-2.362	-2.406	-2.420	-2.406	-2.360	-2.277	-2.160	-2.019
7191	71.90	-1.876	-1.756	-1.670	-1.622	-1.593	-1.558	-1.495	-1.401	-1.288	-1.181
7201	72.00	-1.099	-1.045	-0.995	-0.913	-0.765	-0.545	-0.284	-0.047	0.093	0.082
7211	72.10	-0.086	-0.361	-0.651	-0.852	-0.887	-0.731	-0.424	-0.052	0.288	0.516
7221	72.20	0.599	0.557	0.445	0.335	0.282	0.311	0.411	0.542	0.657	0.716
7231	72.30	0.701	0.622	0.511	0.413	0.370	0.411	0.540	0.736	0.957	1.153
7241	72.40	1.284	1.331	1.306	1.245	1.199	1.211	1.305	1.463	1.650	1.811
7251	72.50	1.898	1.893	1.810	1.690	1.585	1.535	1.569	1.606	1.662	1.671
7261	72.60	1.608	1.477	1.314	1.167	1.080	1.071	1.126	1.207	1.269	1.280
7271	72.70	1.232	1.161	1.035	0.937	0.868	0.751	0.614	0.412	0.161	-0.176
7281	72.80	-0.499	-0.787	-1.018	-1.198	-1.360	-1.549	-1.764	-2.022	-2.272	-2.456
7291	72.90	-2.521	-2.446	-2.251	-1.992	-1.743	-1.560	-1.468	-1.452	-1.467	-1.460
7301	73.00	-1.394	-1.258	-1.073	-0.876	-0.705	-0.583	-0.516	-0.490	-0.483	-0.476
7311	73.10	-0.451	-0.404	-0.334	-0.247	-0.152	-0.066	-0.002	0.024	0.011	-0.032
7321	73.20	-0.075	-0.082	-0.022	0.117	0.318	0.534	0.709	0.792	0.763	0.642
7331	73.30	0.482	0.348	0.291	0.325	0.422	0.525	0.575	0.533	0.403	0.223
7341	73.40	0.052	-0.060	-0.093	-0.066	-0.020	0.006	-0.003	-0.018	0.018	0.168
7351	73.50	0.466	0.897	1.391	1.850	2.178	2.325	2.298	2.161	2.006	1.912
7361	73.60	1.918	2.008	2.125	2.202	2.189	2.075	1.890	1.687	1.518	1.413
7371	73.70	1.373	1.376	1.391	1.394	1.375	1.335	1.277	1.198	1.088	0.933
7381	73.80	0.732	0.495	0.252	0.036	-0.125	-0.228	-0.289	-0.341	-0.415	-0.524
7391	73.90	-0.654	-0.770	-0.829	-0.798	-0.675	-0.487	-0.282	-0.112	-0.015	0.001
7401	74.00	-0.044	-0.117	-0.180	-0.214	-0.218	-0.208	-0.207	-0.227	-0.266	-0.310
7411	74.10	-0.336	-0.336	-0.313	-0.293	-0.307	-0.377	-0.506	-0.667	-0.812	-0.892
7421	74.20	-0.876	-0.765	-0.596	-0.426	-0.313	-0.292	-0.362	-0.490	-0.621	-0.705
7431	74.30	-0.708	-0.625	-0.472	-0.277	-0.067	0.141	0.339	0.521	0.681	0.809
7441	74.40	0.899	0.956	1.005	1.073	1.195	1.386	1.636	1.902	2.123	2.261
7451	74.50	2.219	2.054	1.781	1.452	1.121	0.825	0.570	0.368	0.135	-0.083
7461	74.60	-0.309	-0.529	-0.724	-0.882	-1.004	-1.106	-1.211	-1.338	-1.488	-1.643
7471	74.70	-1.776	-1.882	-1.890	-1.873	-1.861	-1.828	-1.856	-1.921	-1.996	-2.040
7481	74.80	-2.017	-1.917	-1.756	-1.573	-1.409	-1.289	-1.211	-1.152	-1.084	-0.990
7491	74.90	-0.883	-0.792	-0.743	-0.742	-0.760	-0.744	-0.644	-0.448	-0.200	0.015

Table 7—27—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1120 101-GR-1-63 LG. (HB.) SHINKATSUSHIKA b MAX. ACC. = 55.328 (GAL) T= 10.44 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7501	75.00	0.106	0.025	-0.200	-0.666	-0.634	-0.598	-0.334	0.080	0.496	0.761
7511	75.10	0.791	0.608	0.327	0.098	0.031	0.142	0.355	0.542	0.598	0.491
7521	75.20	0.272	0.038	-0.130	-0.216	-0.274	-0.389	-0.619	-0.950	-1.298	-1.557
7531	75.30	-1.863	-1.661	-1.647	-1.758	-2.065	-2.523	-2.986	-3.279	-3.300	-3.089
7541	75.40	-2.819	-2.708	-2.891	-3.339	-3.850	-4.158	-4.083	-3.656	-3.150	-2.879
7551	75.50	-3.148	-3.964	-4.979	-5.621	-5.330	-3.820	-1.263	1.744	4.386	5.951

Table 7—28—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1121 106-GR-1-S1 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) I= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.313	2.313	2.313	1.827	1.072	0.248	-0.448	-0.844	-0.835	-0.410
11	0.10	0.366	1.273	2.177	2.862	3.171	3.014	2.387	1.390	0.222	-0.840
21	0.20	-1.506	-1.548	-0.892	0.334	1.806	3.088	3.778	3.650	2.745	1.365
31	0.30	-0.063	-1.059	-1.457	-1.281	-0.801	-0.367	-0.228	-0.405	-0.684	-0.730
41	0.40	-0.265	0.766	2.144	3.558	4.280	4.364	3.762	2.702	1.628	0.804
51	0.50	0.276	-0.154	-0.797	-1.871	-3.334	-4.844	-5.873	-5.933	-4.805	-2.664
61	0.60	-0.033	2.409	4.087	4.736	4.457	3.632	2.719	2.042	1.702	1.545
71	0.70	1.328	0.861	0.116	-0.756	-1.508	-1.919	-1.888	-1.661	-0.777	0.017
81	0.80	0.838	1.676	2.568	3.427	4.188	4.629	4.539	3.802	2.475	0.787
91	0.90	-0.925	-2.337	-3.262	-3.608	-3.549	-3.263	-2.839	-2.388	-1.846	-1.126
101	1.00	-0.177	0.963	2.158	3.217	3.961	4.290	4.207	3.796	3.179	2.464
111	1.10	1.709	0.921	0.078	-0.865	-1.858	-2.939	-4.039	-5.079	-5.968	-6.509
121	1.20	-6.611	-6.132	-5.029	-3.381	-1.414	0.540	2.116	3.024	3.138	2.561
131	1.30	1.484	0.306	-0.688	-1.514	-1.549	-1.492	-1.292	-1.066	-0.850	-0.604
141	1.40	-0.261	0.209	0.759	1.269	1.595	1.629	1.355	0.868	0.265	-0.320
151	1.50	-0.769	-1.098	-1.354	-1.588	-1.804	-1.942	-1.908	-1.624	-1.088	-0.392
161	1.60	0.300	0.826	1.103	1.179	1.216	1.428	1.966	2.835	3.852	4.702
171	1.70	5.044	4.656	3.530	1.895	0.145	-1.316	-2.204	-2.477	-2.329	-2.098
181	1.80	-2.106	-2.512	-3.227	-3.967	-4.275	-3.902	-2.753	-1.058	0.717	2.022
191	1.90	2.423	1.767	0.234	-1.724	-3.554	-4.790	-5.212	-4.886	-4.110	-3.270
201	2.00	-2.683	-2.496	-2.666	-3.022	-3.372	-3.591	-3.663	-3.643	-3.594	-3.508
211	2.10	-3.288	-2.782	-1.863	-0.511	1.150	2.875	4.385	5.473	6.070	6.257
221	2.20	6.199	6.057	5.698	5.674	5.267	4.581	3.626	2.553	1.617	1.063
231	2.30	1.016	1.407	1.981	2.399	2.373	1.793	0.767	-0.424	-1.449	-2.063
241	2.40	-2.201	-1.977	-1.608	-1.292	-1.110	-0.988	-0.746	-0.205	0.753	1.926
251	2.50	3.211	4.290	4.938	5.062	4.725	4.101	3.387	2.722	2.143	1.595
261	2.60	0.982	0.228	-0.683	-1.698	-2.726	-3.680	-4.507	-5.195	-5.745	-6.165
271	2.70	-6.426	-6.474	-6.246	-5.693	-4.810	-3.638	-2.256	-0.762	0.745	2.176
281	2.80	3.452	4.495	5.228	5.579	5.492	4.946	3.975	2.677	1.208	-0.232
291	2.90	-1.439	-2.239	-2.535	-2.331	-1.734	-0.934	-0.144	0.454	0.768	0.817
301	3.00	0.706	0.581	0.561	0.689	0.923	1.160	1.297	1.283	1.142	0.956
311	3.10	0.863	0.909	1.117	1.432	1.768	2.051	2.239	2.326	2.315	2.186
321	3.20	1.891	1.368	0.589	-0.405	-1.492	-2.505	-3.295	-3.796	-4.059	-4.222
331	3.30	-4.436	-4.780	-5.203	-5.531	-5.537	-5.048	-4.030	-2.617	-1.066	0.343
341	3.40	1.408	2.073	2.423	2.621	2.812	3.056	3.295	3.405	3.249	2.751
351	3.50	1.937	0.927	-0.106	-0.988	-1.573	-1.783	-1.594	-1.028	-0.155	0.924
361	3.60	2.075	3.163	4.076	4.757	5.222	5.546	5.816	6.082	6.313	6.386
371	3.70	6.129	5.387	4.098	2.337	0.320	-1.647	-3.256	-4.277	-4.624	-4.376
381	3.80	-3.738	-2.999	-2.440	-2.269	-2.570	-3.293	-4.271	-5.280	-6.108	-6.625
391	3.90	-6.815	-6.770	-6.633	-6.512	-6.409	-6.189	-5.625	-4.491	-2.686	-0.320
401	4.00	2.271	4.606	6.211	6.777	6.265	4.913	3.135	1.376	-0.085	-1.176
411	4.10	-2.040	-2.918	-4.002	-5.319	-6.689	-7.788	-8.266	-7.882	-6.586	-4.527
421	4.20	-1.990	0.705	3.285	5.562	7.422	8.783	9.567	9.697	9.141	7.959
431	4.30	6.331	4.534	2.865	1.542	0.627	0.017	-0.495	-1.105	-1.884	-2.727
441	4.40	-3.381	-3.562	-3.085	-1.970	-0.467	1.123	2.392	3.159	3.436	3.405
451	4.50	3.310	3.324	3.470	3.629	3.631	3.374	2.900	2.385	2.044	2.009
461	4.60	2.239	2.530	2.627	2.380	1.852	1.325	1.163	1.607	2.595	3.716
471	4.70	4.332	3.846	1.974	-1.083	-4.684	-7.982	-10.269	-11.247	-11.124	-10.462
481	4.80	-9.869	-9.667	-9.711	-9.457	-8.238	-5.660	-1.779	2.650	6.595	9.044
491	4.90	9.417	7.791	4.851	1.594	-1.061	-2.607	-3.071	-2.893	-2.657	-2.788

Table 7—28—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1121 106-GR-1-S1 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) I= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.384	-4.216	-4.902	-5.115	-4.733	-3.878	-2.794	-1.701	-0.683	0.315
511	5.10	1.395	2.579	3.731	4.585	4.868	4.460	3.479	2.262	1.210	0.603
521	5.20	0.462	0.535	0.438	-0.141	-1.267	-2.701	-4.005	-4.748	-4.714	-3.999
531	5.30	-2.950	-1.981	-1.354	-1.052	-0.810	-0.277	0.756	2.210	3.717	4.787
541	5.40	5.049	4.454	3.322	2.218	1.699	2.062	3.228	4.790	6.222	7.127
551	5.50	7.391	7.191	6.837	6.562	6.372	6.040	5.253	3.831	1.891	-0.139
561	5.60	-1.683	-2.277	-1.806	-0.582	0.722	1.597	1.491	0.491	-0.954	-2.196
571	5.70	-2.692	-2.245	-1.078	0.297	1.331	1.690	1.386	0.720	0.092	-0.229
581	5.80	-0.244	-0.212	-0.495	-1.352	-2.781	-4.508	-6.110	-7.211	-7.646	-7.511
591	5.90	-7.080	-6.642	-6.346	-6.140	-5.832	-5.236	-4.305	-3.193	-2.189	-1.566
601	6.00	-1.426	-1.632	-1.857	-1.745	-1.087	0.056	1.328	2.455	2.940	2.718
611	6.10	1.940	0.939	0.061	-0.492	-0.741	-0.876	-1.131	-1.629	-2.293	-2.868
621	6.20	-3.033	-2.552	-1.392	0.251	2.021	3.532	4.504	4.845	4.654	4.155
631	6.30	3.607	3.212	3.067	3.163	3.413	3.697	3.915	4.018	4.003	3.952
641	6.40	3.958	4.106	4.428	4.878	5.339	5.670	5.769	5.629	5.359	5.141
651	6.50	5.153	5.468	5.996	6.488	6.609	6.064	4.702	2.577	-0.061	-2.847
661	6.60	-5.402	-7.422	-8.722	-9.246	-9.046	-8.255	-7.068	-5.713	-4.422	-3.367
671	6.70	-2.617	-2.110	-1.691	-1.202	-0.595	-0.015	0.216	-0.293	-1.813	-4.328
681	6.80	-7.460	-10.555	-12.888	-13.925	-13.521	-11.956	-9.801	-7.670	-5.972	-4.774
691	6.90	-3.829	-2.749	-1.231	0.775	3.038	5.146	6.695	7.457	7.455	6.920
701	7.00	6.169	5.456	4.892	4.435	3.955	3.326	2.490	1.480	0.392	-0.655
711	7.10	-1.550	-2.201	-2.524	-2.445	-1.907	-0.894	0.542	2.284	4.166	6.012
721	7.20	7.675	9.068	10.068	10.694	10.900	10.678	10.057	9.114	7.966	6.739
731	7.30	5.523	4.343	3.164	1.938	0.653	-0.628	-1.775	-2.650	-3.177	-3.393
741	7.40	-3.442	-3.510	-3.747	-4.198	-4.808	-5.474	-6.124	-6.788	-7.469	-8.270
751	7.50	-9.098	-9.718	-9.793	-9.011	-7.250	-4.668	-1.690	1.145	3.377	4.783
761	7.60	5.414	5.494	5.245	4.736	3.843	2.353	0.150	-2.621	-5.514	-7.911
771	7.70	-9.259	-9.310	-8.239	-6.562	-4.916	-3.775	-3.260	-3.128	-2.932	-2.267
781	7.80	-0.977	0.780	2.637	4.217	5.323	6.020	6.560	7.221	8.122	9.146
791	7.90	9.985	10.291	9.850	8.676	6.999	5.144	3.378	1.805	0.363	-1.090
801	8.00	-2.650	-4.265	-5.729	-6.748	-7.070	-6.591	-5.406	-3.778	-2.041	-0.495
811	8.10	0.683	1.465	1.951	2.312	2.718	3.281	4.014	4.817	5.498	5.811
821	8.20	5.534	4.538	2.851	0.673	-1.660	-3.767	-5.332	-6.199	-6.401	-6.132
831	8.30	-5.655	-5.200	-4.884	-4.692	-4.516	-4.220	-3.710	-2.970	-2.060	-1.079
841	8.40	-0.129	0.713	1.392	1.868	2.107	2.082	1.794	1.283	0.637	-0.038
851	8.50	-0.646	-1.141	-1.542	-1.914	-2.331	-2.830	-3.389	-3.935	-4.379	-4.661
861	8.60	-4.728	-4.779	-4.729	-4.668	-4.580	-4.391	-4.007	-3.359	-2.465	-1.345
871	8.70	-0.195	0.852	1.666	2.172	2.350	2.225	1.857	1.337	0.782	0.329
881	8.80	0.110	0.209	0.626	1.252	1.902	2.382	2.574	2.494	2.296	2.192
891	8.90	2.348	2.787	3.363	3.836	3.999	3.820	3.689	3.356	3.760	4.845
901	9.00	6.443	8.128	9.396	9.922	9.740	9.242	8.975	9.322	10.205	11.003
911	9.10	10.741	8.502	3.887	-2.692	-10.051	-16.617	-20.998	-22.517	-21.450	-18.876
921	9.20	-16.191	-14.508	-14.207	-14.832	-15.355	-14.690	-12.196	-7.959	-2.735	2.350
931	9.30	6.442	8.910	9.842	9.700	9.062	8.340	7.650	6.866	5.800	4.390
941	9.40	2.790	1.321	0.321	-0.006	0.327	1.123	2.114	3.083	3.936	4.688
951	9.50	5.392	6.062	6.651	7.075	7.279	7.283	7.173	7.060	6.906	6.670
961	9.60	6.157	5.188	3.706	1.838	-0.122	-1.823	-2.995	-3.564	-3.678	-3.632
971	9.70	-3.727	-4.135	-4.827	-5.596	-6.166	-6.318	-6.998	-7.532	-7.574	-7.405
981	9.80	-3.825	-4.098	-4.746	-5.597	-6.459	-7.178	-7.670	-7.922	-7.965	-7.844
991	9.90	-7.598	-7.254	-6.831	-6.356	-5.861	-5.371	-4.875	-4.298	-3.487	-2.225

Table 7—28—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.290	2.472	6.073	10.359	15.036	19.755	24.222	28.271	31.884	35.121
1011	10.10	38.018	40.497	42.355	43.354	43.365	42.508	41.180	39.938	39.266	39.315
1021	10.20	39.755	39.833	38.626	35.425	30.051	22.985	15.211	7.858	1.762	-2.826
1031	10.30	-6.277	-9.344	-12.270	-14.993	-21.693	-24.517	-30.807	-34.243	-36.992	-39.636
1041	10.40	-42.884	-47.193	-52.499	-58.191	-63.345	-67.104	-69.018	-69.181	-68.114	-66.461
1051	10.50	-64.665	-62.793	-60.588	-57.707	-54.001	-49.662	-45.157	-40.960	-37.235	-33.654
1061	10.60	-29.476	-23.884	-16.426	-7.360	2.304	11.112	17.716	21.460	22.594	22.396
1071	10.70	22.507	24.366	28.611	34.800	41.565	47.112	49.854	48.967	44.526	37.593
1081	10.80	29.654	22.240	16.510	13.026	11.722	12.037	13.143	14.203	14.620	14.231
1091	10.90	13.393	12.914	13.797	16.857	22.320	29.575	37.241	43.563	47.037	46.999
1101	11.00	43.923	39.226	34.650	31.442	29.719	28.339	25.366	18.967	8.338	-5.768
1111	11.10	-21.189	-35.121	-45.182	-50.294	-50.981	-48.971	-46.303	-44.382	-43.414	-42.472
1121	11.20	-40.133	-35.201	-27.520	-17.879	-7.690	1.718	9.685	16.394	22.564	28.866
1131	11.30	35.372	41.363	45.592	46.846	44.527	38.941	31.156	22.541	14.217	6.721
1141	11.40	0.016	-6.202	-12.115	-17.551	-22.044	-25.147	-26.781	-27.409	-27.912	-29.199
1151	11.50	-31.782	-35.520	-39.693	-43.360	-45.811	-46.874	-46.920	-46.569	-46.272	-46.017
1161	11.60	-45.296	-43.380	-39.727	-34.294	-27.588	-20.413	-13.494	-6.932	-0.532	6.363
1171	11.70	14.215	22.925	31.669	39.116	43.926	45.309	43.405	39.277	34.542	30.785
1181	11.80	29.010	29.354	31.155	33.314	34.784	34.952	33.806	31.826	29.712	28.077
1191	11.90	27.238	27.157	27.524	27.885	27.769	26.741	24.430	20.561	14.915	7.622
1201	12.00	-0.948	-10.077	-18.824	-26.256	-31.707	-35.011	-36.518	-36.965	-37.058	-37.344
1211	12.10	-37.802	-37.959	-37.123	-34.742	-30.723	-25.537	-20.063	-15.234	-11.634	-9.258
1221	12.20	-7.531	-5.600	-2.758	1.195	5.827	10.239	13.438	14.758	14.127	12.072
1231	12.30	9.492	7.501	6.123	6.160	7.252	9.066	11.250	13.760	16.349	19.072
1241	12.40	21.815	24.419	26.726	28.664	30.279	31.690	32.976	34.071	34.741	34.666
1251	12.50	33.593	31.464	28.440	24.796	20.744	16.294	11.250	5.365	-1.616	-8.760
1261	12.60	-15.927	-21.960	-26.020	-27.700	-27.167	-25.052	-22.202	-19.242	-16.471	-13.833
1271	12.70	-11.142	-8.356	-5.743	-3.833	-3.183	-4.086	-6.369	-9.443	-12.508	-14.874
1281	12.80	-16.192	-16.503	-16.097	-15.306	-14.344	-13.299	-12.256	-11.429	-11.195	-11.948
1291	12.90	-13.843	-16.586	-19.408	-21.303	-21.443	-19.570	-16.150	-12.195	-8.796	-6.609
1301	13.00	-5.539	-4.803	-3.363	-0.396	4.082	9.350	14.210	17.568	18.939	18.630
1311	13.10	17.530	16.599	16.352	16.585	16.499	15.151	11.989	7.204	1.715	-3.206
1321	13.20	-6.476	-7.543	-7.010	-5.525	-4.135	-3.540	-3.839	-4.606	-5.168	-4.971
1331	13.30	-3.833	-1.991	0.063	1.836	3.052	3.719	4.069	4.283	4.525	4.674
1341	13.40	4.465	3.612	1.948	-0.470	-3.359	-6.281	-8.767	-10.446	-11.130	-10.846
1351	13.50	-9.803	-8.313	-6.703	-5.222	-3.997	-3.037	-2.288	-1.699	-1.289	-1.152
1361	13.60	-1.414	-2.166	-3.388	-4.933	-6.573	-8.082	-9.317	-10.252	-10.941	-11.440
1371	13.70	-11.729	-11.696	-11.198	-10.160	-8.660	-6.926	-5.240	-3.779	-2.484	-1.047
1381	13.80	0.972	3.917	7.827	12.349	16.832	20.577	23.123	24.442	24.931	25.215
1391	13.90	25.849	27.071	28.720	30.365	31.446	31.703	31.075	29.733	27.872	25.521
1401	14.00	22.478	18.410	13.070	6.516	-0.810	-8.151	-14.701	-19.856	-23.393	-25.449
1411	14.10	-26.357	-26.410	-25.707	-24.143	-21.556	-17.933	-13.547	-8.953	-4.811	-1.668
1421	14.20	0.349	1.374	1.876	2.329	2.957	3.707	4.229	4.104	3.066	1.140
1431	14.30	-1.347	-3.911	-6.099	-7.656	-8.574	-9.031	-9.255	-9.390	-9.432	-9.248
1441	14.40	-8.661	-7.540	-5.850	-3.653	-1.060	1.803	4.804	7.779	10.489	12.610
1451	14.50	13.778	13.690	12.221	9.506	5.940	2.085	-1.481	-4.327	-6.263	-7.349
1461	14.60	-7.813	-7.918	-7.856	-7.685	-7.359	-6.794	-5.952	-4.883	-3.716	-2.598
1471	14.70	-1.629	-0.823	-0.123	0.543	1.198	1.767	2.093	1.987	1.310	0.031
1481	14.80	-1.756	-3.866	-6.081	-8.207	-10.099	-11.663	-12.833	-13.562	-13.836	-13.693
1491	14.90	-13.234	-12.596	-11.878	-11.057	-9.932	-8.160	-5.377	-1.380	3.721	9.459

Table 7—28—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	15.719	19.990	23.637	26.087	27.813	29.520	31.794	34.780	38.043	40.678
1511	15.10	41.651	40.209	36.198	30.139	23.026	15.953	9.730	4.659	0.561	-2.982
1521	15.20	-6.314	-9.470	-12.145	-13.869	-14.288	-13.396	-11.602	-9.588	-8.035	-7.346
1531	15.30	-7.510	-8.159	-8.792	-9.066	-8.869	-8.539	-8.695	-9.111	-10.495	-12.437
1541	15.40	-14.511	-16.279	-17.488	-18.166	-18.572	-19.055	-19.854	-20.990	-22.248	-23.273
1551	15.50	-23.716	-23.349	-22.119	-20.122	-17.531	-14.533	-11.293	-7.961	-4.685	-1.616
1561	15.60	1.126	3.490	5.521	7.340	9.077	10.790	12.404	13.726	14.531	14.679
1571	15.70	14.217	13.396	12.591	12.158	12.285	12.916	13.780	14.511	14.807	14.550
1581	15.80	13.826	12.871	11.965	11.233	10.798	10.612	10.622	10.809	11.205	11.843
1591	15.90	12.706	13.683	14.593	15.248	15.539	15.474	15.149	14.668	14.059	13.239
1601	16.00	12.065	10.449	8.465	6.382	4.577	3.356	2.758	2.477	1.913	0.610
1611	16.10	-2.456	-6.667	-11.621	-16.493	-20.360	-22.624	-23.201	-22.512	-21.271	-20.182
1621	16.20	-19.671	-19.771	-20.185	-20.484	-20.319	-19.558	-18.303	-16.786	-15.238	-13.788
1631	16.30	-12.450	-11.178	-9.969	-8.823	-7.940	-7.456	-7.473	-7.978	-8.844	-9.866
1641	16.40	-10.829	-11.563	-11.970	-12.024	-11.760	-11.252	-10.600	-9.910	-9.269	-8.716
1651	16.50	-8.218	-7.666	-6.901	-5.783	-4.230	-2.266	-0.018	2.323	4.552	6.502
1661	16.60	8.063	9.189	9.886	10.207	10.249	10.142	10.031	10.027	10.162	10.374
1671	16.70	10.540	10.557	10.436	10.356	10.624	11.555	13.311	15.788	18.624	21.348
1681	16.80	23.593	25.280	26.653	28.131	30.038	32.363	34.675	36.288	36.601	35.452
1691	16.90	33.283	31.000	29.555	29.440	30.353	31.221	30.614	27.380	21.198	12.782
1701	17.00	3.615	-4.672	-10.988	-15.198	-18.084	-20.849	-24.440	-29.016	-33.827	-37.591
1711	17.10	-39.132	-38.002	-34.752	-30.716	-27.433	-25.969	-26.488	-28.255	-30.047	-30.761
1721	17.20	-29.910	-27.779	-25.204	-23.102	-22.032	-21.972	-22.428	-22.770	-22.589	-21.902
1731	17.30	-21.085	-20.615	-20.764	-21.433	-22.196	-22.533	-22.101	-20.896	-19.218	-17.464
1741	17.40	-15.870	-14.352	-12.538	-9.956	-6.299	-1.601	3.753	9.191	14.199	18.515
1751	17.50	22.180	25.423	28.462	31.332	33.842	35.671	36.555	36.443	35.545	34.225
1761	17.60	32.815	31.441	29.976	28.143	25.726	22.772	19.665	17.016	15.404	15.086
1771	17.70	15.821	16.904	17.417	16.600	14.169	10.458	6.292	2.663	0.325	-0.494
1781	17.80	-0.168	0.523	0.739	-0.058	-1.890	-4.295	-6.566	-8.098	-8.671	-8.554
1791	17.90	-8.373	-8.819	-10.320	-12.839	-15.877	-18.683	-20.579	-21.244	-20.842	-19.925
1801	18.00	-19.167	-19.046	-19.614	-20.465	-20.908	-20.273	-18.214	-14.873	-10.831	-6.881
1811	18.10	-3.713	-1.657	-0.590	-0.061	0.559	1.604	3.144	4.878	6.323	7.057
1821	18.20	6.920	6.092	5.004	4.137	3.825	4.131	4.879	5.776	6.611	7.356
1831	18.30	8.263	10.786	12.666	14.615	16.233	17.164	17.231	16.470	15.065	13.665
1841	18.40	13.209	10.995	8.390	5.318	1.793	-1.965	-5.530	-8.396	-10.160	-10.730
1851	18.50	-10.368	-9.600	-9.001	-8.952	-9.485	-10.301	-10.928	-10.959	-10.240	-8.927
1861	18.60	-7.398	-6.067	-5.205	-4.852	-4.853	-4.970	-5.015	-4.914	-4.628	-4.329
1871	18.70	-3.830	-3.077	-1.975	-0.535	1.061	2.490	3.415	3.667	3.270	2.615
1881	18.80	2.163	2.236	3.024	4.332	5.279	6.971	7.705	8.065	8.373	9.026
1891	18.90	10.304	12.243	14.639	17.157	19.489	21.458	23.035	24.257	25.133	25.596
1901	19.00	25.533	24.894	23.775	22.423	21.129	20.040	18.999	17.517	14.918	10.631
1911	19.10	4.496	-3.067	-11.095	-18.371	-23.827	-26.893	-27.667	-26.810	-25.242	-23.761
1921	19.20	-22.763	-22.168	-21.565	-20.489	-18.698	-16.307	-13.747	-11.575	-10.234	-9.886
1931	19.30	-10.386	-11.390	-12.560	-13.632	-14.677	-15.852	-17.363	-19.298	-21.543	-23.806
1941	19.40	-25.715	-27.016	-27.582	-27.537	-27.129	-26.599	-26.039	-25.324	-24.136	-22.082
1951	19.50	-18.858	-14.372	-8.793	-2.491	4.096	10.594	16.780	22.568	27.918	32.726
1961	19.60	36.759	39.688	41.222	41.268	40.038	38.036	35.888	34.094	32.793	31.670
1971	19.70	30.056	27.205	22.635	16.392	9.108	1.831	-4.324	-8.544	-10.577	-10.757
1981	19.80	-9.825	-8.613	-7.743	-7.456	-7.639	-7.972	-8.157	-8.068	-7.783	-7.521
1991	19.90	-7.481	-7.761	-8.225	-8.763	-9.188	-9.428	-9.517	-9.562	-9.547	-9.458

Table 7—28—5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-9.084	-8.192	-6.627	-4.419	-1.815	0.775	2.917	4.299	4.829	4.652
2011	20.10	4.064	3.381	2.813	2.400	2.027	1.512	0.718	-0.372	-1.641	-2.896
2021	20.20	-3.960	-4.755	-5.326	-5.792	-6.258	-6.714	-7.001	-6.856	-6.022	-4.387
2031	20.30	-2.074	0.573	3.098	5.115	6.461	7.269	7.908	8.822	10.335	12.521
2041	20.40	15.191	17.993	20.580	22.745	24.461	25.796	26.779	27.282	27.014	25.638
2051	20.50	22.962	19.099	14.495	9.794	5.583	2.151	-0.631	-3.216	-6.119	-9.603
2061	20.60	-13.678	-17.116	-19.697	-20.567	-19.568	-17.030	-13.818	-10.788	-8.536	-7.174
2071	20.70	-6.414	-5.818	-5.151	-4.587	-4.684	-6.107	-9.246	-13.927	-19.366	-24.406
2081	20.80	-27.971	-29.665	-28.995	-27.277	-25.288	-23.829	-23.201	-23.149	-23.058	-22.312
2091	20.90	-20.605	-18.068	-15.154	-12.354	-9.922	-7.733	-5.374	-2.392	1.421	5.871
2101	21.00	10.412	14.382	17.308	19.107	20.110	20.868	21.871	23.312	25.013	26.550
2111	21.10	27.500	27.664	27.163	26.340	25.546	24.913	24.263	23.198	21.331	18.548
2121	21.20	15.135	11.726	9.059	7.668	7.664	8.690	10.100	11.237	11.705	11.489
2131	21.30	10.885	10.284	9.930	9.776	9.486	8.593	6.697	3.629	-0.502	-5.376
2141	21.40	-10.588	-15.753	-20.560	-24.757	-28.127	-30.489	-31.736	-31.907	-31.214	-29.994
2151	21.50	-28.588	-27.198	-25.791	-24.128	-21.905	-18.944	-15.335	-11.448	-7.792	-4.785
2161	21.60	-2.556	-0.870	0.740	2.755	5.418	8.601	11.861	14.638	16.514	17.384
2171	21.70	17.478	17.219	17.019	17.109	17.491	18.015	18.522	18.943	19.311	19.680
2181	21.80	20.006	20.100	19.681	18.525	16.605	14.154	11.565	9.198	7.162	5.228
2191	21.90	2.913	-0.264	-4.497	-9.511	-14.592	-18.835	-21.487	-22.245	-21.340	-19.404
2201	22.00	-17.164	-15.137	-13.461	-11.944	-10.272	-8.271	-6.060	-4.036	-2.686	-2.354
2211	22.10	-3.063	-4.513	-6.223	-7.756	-8.905	-9.742	-10.533	-11.548	-12.902	-14.477
2221	22.20	-15.982	-17.086	-17.576	-17.435	-16.829	-16.020	-15.245	-14.639	-14.216	-13.910
2231	22.30	-13.625	-13.287	-12.842	-12.253	-11.471	-10.444	-9.122	-7.481	-5.521	-3.258
2241	22.40	-0.690	2.202	5.441	9.002	12.762	16.483	19.852	22.566	24.435	25.456
2251	22.50	25.800	25.750	25.566	25.384	25.167	24.745	23.908	22.519	20.581	18.238
2261	22.60	15.715	13.230	10.934	8.891	7.118	5.637	4.514	3.858	3.772	4.298
2271	22.70	5.365	6.795	8.343	9.776	10.925	11.736	12.241	12.513	12.606	12.516
2281	22.80	12.177	11.491	10.385	8.858	7.009	5.015	3.087	1.394	0.003	-1.167
2291	22.90	-2.224	-3.436	-4.941	-6.768	-8.792	-10.772	-12.439	-13.603	-14.235	-14.472
2301	23.00	-14.557	-14.726	-15.105	-15.666	-16.251	-16.682	-16.852	-16.795	-16.663	-16.640
2311	23.10	-16.833	-17.207	-17.597	-17.803	-17.711	-17.360	-16.927	-16.610	-16.480	-16.378
2321	23.20	-15.934	-14.712	-12.423	-9.106	-5.181	-1.335	1.719	3.502	3.940	3.353
2331	23.30	2.293	1.300	0.691	0.484	0.475	0.404	0.133	-0.279	-0.611	-0.621
2341	23.40	-0.185	0.627	1.584	2.411	2.920	3.083	3.018	2.900	2.852	2.890
2351	23.50	2.935	2.898	2.758	2.608	2.625	2.990	3.810	5.079	6.702	8.561
2361	23.60	10.567	12.676	14.846	16.973	18.872	20.310	21.107	21.239	20.883	20.363
2371	23.70	19.999	19.951	20.117	20.178	19.756	18.627	16.861	14.816	12.965	11.635
2381	23.80	10.807	10.071	8.792	6.420	2.788	-1.739	-6.365	-10.158	-12.427	-12.999
2391	23.90	-12.266	-10.995	-9.985	-9.744	-10.322	-11.363	-12.336	-12.806	-12.617	-11.907
2401	24.00	-10.967	-10.066	-9.206	-8.311	-7.149	-5.597	-3.748	-1.907	-0.473	0.262
2411	24.10	0.159	-0.539	-1.506	-2.402	-3.057	-3.546	-4.138	-5.151	-6.790	-9.038
2421	24.20	-11.637	-14.175	-16.215	-17.431	-17.686	-17.047	-15.749	-14.118	-12.492	-11.149
2431	24.30	-10.245	-9.784	-9.625	-9.532	-9.264	-8.673	-7.779	-6.766	-5.904	-5.409
2441	24.40	-5.308	-5.375	-5.181	-4.260	-2.306	0.659	4.255	7.860	10.836	12.769
2451	24.50	13.619	13.710	13.576	13.727	14.446	15.704	17.220	18.623	19.630	20.152
2461	24.60	20.278	20.162	19.880	19.341	18.302	16.494	13.777	10.264	6.338	2.549
2471	24.70	-0.571	-2.685	-3.756	-4.036	-3.944	-3.900	-4.167	-4.777	-5.546	-6.155
2481	24.80	-6.289	-5.734	-4.461	-2.542	-0.311	1.911	3.796	5.108	5.765	5.860
2491	24.90	5.625	5.349	5.254	5.384	5.546	5.345	4.311	2.088	-1.390	-5.808

Table 7—28—6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-10.518	-14.714	-17.683	-19.030	-18.796	-17.417	-15.540	-13.779	-12.492	-11.681
2511	25.10	-11.036	-10.093	-8.438	-5.869	-2.463	1.474	5.529	9.312	12.555	15.139
2521	25.20	17.085	18.393	19.200	19.556	19.535	19.218	18.693	18.016	17.168	16.032
2531	25.30	14.400	12.036	8.773	4.604	-0.263	-5.423	-10.357	-14.562	-17.677	-19.571
2541	25.40	-20.359	-20.344	-19.912	-19.409	-19.044	-18.849	-18.691	-18.344	-17.572	-16.242
2551	25.50	-14.325	-11.953	-9.355	-6.797	-4.513	-2.653	-1.273	-0.345	0.201	0.441
2561	25.60	0.436	0.230	-0.134	-0.597	-1.086	-1.518	-1.855	-2.106	-2.339	-2.654
2571	25.70	-3.121	-3.737	-4.386	-4.859	-4.911	-4.343	-3.074	-1.166	1.195	3.770
2581	25.80	6.353	8.821	11.143	13.333	15.382	17.202	18.610	19.385	19.355	18.487
2591	25.90	16.932	14.995	13.047	11.398	10.196	9.399	8.815	8.210	7.425	6.448
2601	26.00	5.417	4.555	4.053	4.019	4.388	5.006	5.686	6.287	6.755	7.103
2611	26.10	7.355	7.484	7.388	6.913	5.925	4.379	2.352	0.019	-2.409	-4.771
2621	26.20	-6.993	-9.075	-11.035	-12.841	-14.389	-15.538	-16.199	-16.420	-16.409	-16.467
2631	26.30	-16.843	-17.580	-18.432	-18.913	-18.472	-16.736	-13.699	-9.772	-5.649	-2.045
2641	26.40	0.586	2.220	3.243	4.241	5.707	7.787	10.198	12.356	13.629	13.648
2651	26.50	12.463	10.534	8.527	7.031	6.322	6.268	6.427	6.264	5.381	3.674
2661	26.60	1.335	-1.253	-3.690	-5.694	-7.147	-8.059	-8.490	-8.480	-8.042	-7.200
2671	26.70	-6.043	-4.746	-3.530	-2.580	-1.957	-1.569	-1.212	-0.684	0.094	1.016
2681	26.80	1.812	2.159	1.830	0.804	-0.715	-2.375	-3.819	-4.822	-5.362	-5.591
2691	26.90	-5.737	-5.984	-6.392	-6.888	-7.332	-7.602	-7.666	-7.580	-7.448	-7.341
2701	27.00	-7.245	-7.066	-6.673	-5.976	-4.980	-3.788	-2.551	-1.400	-0.381	0.551
2711	27.10	1.496	2.539	3.699	4.911	6.065	7.067	7.897	8.618	9.344	10.180
2721	27.20	11.161	12.235	13.292	14.214	14.926	15.414	15.703	15.814	15.726	15.380
2731	27.30	14.710	13.690	12.366	10.831	9.176	7.419	5.480	3.218	0.521	-2.591
2741	27.40	-5.907	-9.052	-11.613	-13.289	-14.012	-13.964	-13.477	-12.864	-12.260	-11.554
2751	27.50	-10.463	-8.689	-6.106	-2.850	0.692	4.052	6.864	8.999	10.567	11.801
2761	27.60	12.872	13.763	14.251	14.041	12.954	11.078	8.789	6.609	4.962	3.955
2771	27.70	3.305	2.443	0.785	-1.979	-5.703	-9.804	-13.483	-16.036	-17.126	-16.889
2781	27.80	-15.831	-14.578	-13.605	-13.060	-12.762	-12.354	-11.520	-10.150	-8.392	-6.563
2791	27.90	-4.988	-3.855	-3.153	-2.712	-2.321	-1.843	-1.275	-0.728	-0.339	-0.139
2801	28.00	-0.252	-0.418	-0.560	-0.606	-0.581	-0.584	-0.723	-1.043	-1.481	-1.869
2811	28.10	-1.996	-1.679	-0.822	0.556	2.344	4.387	6.537	8.682	10.758	12.724
2821	28.20	14.541	16.153	17.485	18.458	19.019	19.161	18.940	18.452	17.800	17.034
2831	28.30	16.099	14.818	12.922	10.137	6.310	1.520	-3.861	-9.219	-13.832	-17.087
2841	28.40	-18.662	-18.642	-17.485	-15.861	-14.419	-13.573	-13.388	-13.618	-13.856	-13.747
2851	28.50	-13.139	-12.140	-11.041	-10.162	-9.696	-9.683	-9.779	-9.874	-9.726	-9.288
2861	28.60	-8.678	-8.077	-7.624	-7.322	-7.032	-6.562	-5.672	-4.368	-2.725	-0.935
2871	28.70	0.825	2.478	4.090	5.819	7.817	10.119	12.589	14.947	16.873	18.133
2881	28.80	18.676	18.645	18.310	17.948	17.722	17.627	17.512	17.170	16.450	15.331
2891	28.90	13.942	12.500	11.221	10.237	9.569	9.051	8.585	8.017	7.287	6.418
2901	29.00	5.489	4.599	3.817	3.170	2.637	2.155	1.623	0.904	-0.127	-1.805
2911	29.10	-4.134	-7.221	-10.973	-15.132	-19.247	-22.962	-25.843	-27.729	-28.673	-28.919
2921	29.20	-28.807	-28.631	-28.535	-28.467	-28.219	-27.515	-26.130	-23.968	-21.083	-17.644
2931	29.30	-13.871	-9.963	-6.074	-2.312	1.221	4.603	7.084	9.113	10.386	10.896
2941	29.40	10.747	10.143	9.338	8.572	8.014	7.737	7.718	7.864	8.059	8.201
2951	29.50	8.233	8.162	8.058	8.046	8.280	8.911	10.051	11.758	13.920	16.447
2961	29.60	19.095	21.595	23.683	25.138	25.821	25.698	24.847	23.443	21.724	19.928
2971	29.70	18.231	16.689	15.206	13.563	11.486	8.751	5.290	1.244	-3.045	-7.124
2981	29.80	-10.558	-13.054	-14.546	-15.187	-15.284	-15.180	-15.158	-15.373	-15.853	-16.539
2991	29.90	-17.340	-18.170	-18.967	-19.679	-20.256	-20.654	-20.850	-20.865	-20.763	-20.628

Table 7—28—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-20.520	-20.434	-20.286	-19.952	-19.333	-18.411	-17.278	-16.088	-14.971	-13.942
3011	30.10	-12.855	-11.443	-9.444	-6.735	-3.434	0.108	3.429	6.139	8.092	9.468
3021	30.20	10.604	12.002	13.922	16.336	18.904	21.119	22.521	22.895	22.350	21.256
3031	30.30	20.072	19.146	18.594	18.302	18.034	17.595	16.945	16.224	15.669	15.479
3041	30.40	15.708	16.239	16.850	17.336	17.613	17.755	17.928	18.285	18.858	19.518
3051	30.50	20.030	20.156	19.759	18.837	17.475	15.731	13.538	10.671	6.825	1.773
3061	30.60	-4.447	-11.542	-18.805	-25.475	-30.870	-34.609	-36.696	-37.479	-37.488	-37.235
3071	30.70	-37.063	-37.081	-37.199	-37.219	-36.931	-36.171	-34.832	-32.854	-30.214	-26.948
3081	30.80	-23.178	-19.139	-15.158	-11.585	-8.693	-6.588	-5.176	-4.208	-3.372	-2.413
3091	30.90	-1.205	0.246	1.858	3.555	5.325	7.219	9.296	11.551	13.869	16.046
3101	31.00	17.871	19.224	20.146	20.827	21.523	22.429	23.574	24.789	25.776	26.222
3111	31.10	25.926	24.865	23.181	21.090	18.782	16.355	13.815	11.140	8.358	5.589
3121	31.20	3.035	0.900	-0.694	-1.763	-2.446	-2.938	-3.389	-3.848	-4.260	-4.524
3131	31.30	-4.575	-4.439	-4.233	-4.101	-4.132	-4.318	-4.559	-4.747	-4.856	-5.005
3141	31.40	-5.440	-6.436	-8.170	-10.615	-13.527	-16.519	-19.205	-21.332	-22.851	-23.881
3151	31.50	-24.604	-25.133	-25.438	-25.362	-24.607	-23.051	-20.628	-17.456	-13.759	-9.780
3161	31.60	-5.715	-1.682	2.240	5.959	9.336	12.201	14.423	15.989	17.047	17.874
3171	31.70	18.279	19.975	21.471	23.067	24.420	25.192	25.190	24.442	23.173	21.707
3181	31.80	20.320	19.133	18.080	16.966	15.580	13.812	11.712	9.481	7.397	5.704
3191	31.90	4.540	3.901	3.671	3.684	3.788	3.887	3.943	3.952	3.914	3.816
3201	32.00	3.634	3.347	2.951	2.452	1.843	1.073	0.026	-1.460	-3.545	-6.301
3211	32.10	-9.656	-13.351	-16.979	-20.086	-22.302	-23.457	-23.637	-23.156	-22.435	-21.849
3221	32.20	-21.585	-21.575	-21.545	-21.121	-19.998	-18.073	-15.495	-12.614	-9.858	-7.582
3231	32.30	-5.955	-4.938	-4.329	-3.875	-3.377	-2.750	-2.022	-1.276	-0.584	0.045
3241	32.40	0.661	1.337	2.113	2.965	3.811	4.555	5.146	5.605	6.031	6.544
3251	32.50	7.228	8.076	8.986	9.791	10.332	10.516	10.356	9.956	9.466	9.017
3261	32.60	8.675	8.427	8.201	7.906	7.476	6.893	6.190	5.428	4.672	3.962
3271	32.70	3.306	2.677	2.032	1.323	0.519	-0.387	-1.373	-2.391	-3.377	-4.274
3281	32.80	-5.060	-5.683	-6.147	-6.501	-6.714	-6.744	-6.520	-5.966	-5.039	-3.756
3291	32.90	-2.202	-0.515	1.159	2.711	4.099	5.338	6.477	7.547	8.534	9.375
3301	33.00	9.990	10.333	10.625	10.364	10.285	10.299	10.434	10.613	10.677	10.453
3311	33.10	9.827	8.800	7.683	6.050	4.658	3.383	2.194	0.985	-0.359	-1.887
3321	33.20	-3.561	-5.169	-6.582	-7.632	-8.272	-8.574	-8.695	-8.815	-9.061	-9.471
3331	33.30	-9.993	-10.518	-10.939	-11.193	-11.277	-11.242	-11.155	-11.072	-11.014	-10.965
3341	33.40	-10.891	-10.751	-10.522	-10.196	-9.784	-9.306	-8.784	-8.239	-7.683	-7.124
3351	33.50	-6.558	-5.972	-5.367	-4.665	-3.924	-3.144	-2.367	-1.646	-1.020	-0.503
3361	33.60	-0.084	0.370	0.885	1.557	2.416	3.432	4.522	5.573	6.481	7.189
3371	33.70	7.703	8.093	8.603	8.911	9.187	10.163	10.834	11.345	11.537	11.309
3381	33.80	10.849	9.653	8.598	7.386	6.184	5.875	5.544	5.397	5.316	5.209
3391	33.90	5.046	4.860	4.714	4.657	4.690	4.763	4.801	4.751	4.618	4.469
3401	34.00	4.300	4.181	4.200	4.947	5.043	4.809	4.141	3.057	1.695	0.252
3411	34.10	-1.093	-2.257	-3.271	-4.250	-5.314	-6.516	-7.792	-8.980	-9.885	-10.365
3421	34.20	-10.398	-10.097	-9.664	-9.313	-9.178	-9.271	-9.482	-9.630	-9.566	-9.133
3431	34.30	-8.405	-7.468	-6.475	-5.573	-4.849	-4.317	-3.928	-3.598	-3.249	-2.835
3441	34.40	-2.352	-1.832	-1.326	-0.878	-0.508	-0.210	0.045	0.295	0.560	0.842
3451	34.50	1.118	1.363	1.570	1.772	2.038	2.462	3.118	4.030	5.141	6.326
3461	34.60	7.427	8.307	8.897	9.217	9.360	9.444	9.554	9.705	9.834	9.836
3471	34.70	9.820	9.155	8.498	7.768	7.107	6.612	6.302	6.104	5.888	5.521
3481	34.80	4.914	4.063	3.040	1.946	0.966	0.125	-0.536	-1.052	-1.497	-1.945
3491	34.90	-2.440	-2.990	-3.572	-4.158	-4.743	-5.362	-6.092	-7.015	-8.184	-9.574

Table 7—28—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-11.067	-12.472	-13.577	-14.219	-14.349	-14.053	-13.522	-12.980	-12.596	-12.410
3511	35.10	-12.342	-12.220	-11.873	-11.220	-10.311	-9.305	-8.403	-7.751	-7.377	-7.181
3521	35.20	-6.994	-6.660	-6.117	-5.416	-4.686	-4.054	-3.563	-3.137	-2.611	-1.806
3531	35.30	-0.625	0.905	2.682	4.405	6.065	7.612	9.149	10.821	12.707	14.747
3541	35.40	16.722	18.327	19.294	19.510	19.080	18.283	17.470	16.912	16.708	16.754
3551	35.50	16.817	16.651	16.113	15.217	14.103	12.953	11.897	10.955	10.047	9.065
3561	35.60	7.945	6.714	5.468	4.298	3.205	2.051	0.604	-1.368	-3.955	-7.022
3571	35.70	-10.205	-13.023	-15.068	-16.077	-16.203	-15.780	-15.261	-15.000	-15.102	-15.371
3581	35.80	-15.408	-14.792	-13.268	-10.875	-7.935	-4.937	-2.356	-0.483	0.645	1.214
3591	35.90	1.518	1.812	2.212	2.670	3.028	3.115	2.839	2.227	1.407	0.546
3601	36.00	-0.220	-0.831	-1.314	-1.744	-2.201	-2.732	-3.327	-3.931	-4.466	-4.855
3611	36.10	-5.041	-5.003	-4.753	-4.341	-3.837	-3.318	-2.839	-2.410	-1.985	-1.470
3621	36.20	-0.762	0.201	1.389	2.672	3.837	4.657	4.965	4.713	3.992	2.995
3631	36.30	1.952	1.049	0.379	-0.069	-0.372	-0.632	-0.920	-1.257	-1.623	-1.980
3641	36.40	-2.298	-2.563	-2.775	-2.927	-3.001	-2.964	-2.788	-2.486	-2.012	-1.470
3651	36.50	-0.879	-0.256	0.408	1.141	1.967	2.883	3.851	4.808	5.696	6.485
3661	36.60	7.183	7.822	8.432	9.004	9.487	9.795	9.846	9.601	9.085	8.379
3671	36.75	7.585	6.787	6.012	5.235	4.403	3.480	2.486	1.499	0.651	0.057
3681	36.80	-0.219	-0.208	-0.020	0.183	0.253	0.104	-0.264	-0.771	-1.299	-1.740
3691	36.90	-2.046	-2.236	-2.390	-2.605	-2.953	-3.444	-4.026	-4.602	-5.073	-5.378
3701	37.00	-5.516	-5.542	-5.537	-5.564	-5.638	-5.722	-5.747	-5.660	-5.457	-5.199
3711	37.10	-4.991	-4.929	-5.051	-5.300	-5.534	-5.581	-5.299	-4.662	-3.672	-2.532
3721	37.20	-1.382	-0.332	0.593	1.452	2.335	3.309	4.374	5.458	6.452	7.263
3731	37.30	7.849	8.227	8.447	8.550	8.534	8.355	7.961	7.336	6.531	5.657
3741	37.40	4.841	4.170	3.647	3.186	2.655	1.946	1.031	-0.022	-1.078	-2.005
3751	37.50	-2.737	-3.301	-3.801	-4.349	-5.008	-5.750	-6.475	-7.085	-7.451	-7.654
3761	37.60	-7.774	-7.935	-8.222	-8.623	-9.045	-9.356	-9.467	-9.382	-9.202	-9.075
3771	37.70	-9.113	-9.320	-9.522	-9.657	-9.569	-8.593	-7.365	-5.855	-4.299	-2.906
3781	37.80	-1.776	-0.878	-0.079	0.780	1.812	3.035	4.371	5.684	6.837	7.738
3791	37.90	8.365	8.760	9.000	9.171	9.344	9.556	9.813	10.086	10.328	10.491
3801	38.00	10.546	10.500	10.412	10.363	10.417	10.574	10.731	10.694	10.230	9.163
3811	38.10	7.463	5.292	2.980	0.916	-0.590	-1.424	-1.918	-1.791	-2.017	-2.662
3821	38.20	-3.779	-5.186	-6.552	-7.549	-7.988	-7.895	-7.478	-7.018	-6.734	-6.686
3831	38.30	-6.758	-6.741	-6.436	-5.765	-4.801	-3.731	-2.755	-1.992	-1.618	-0.891
3841	38.40	-0.222	0.722	1.955	3.355	4.712	5.814	6.510	6.759	6.606	6.148
3851	38.50	5.482	4.674	3.757	2.757	1.707	0.659	-0.326	-1.207	-1.981	-2.682
3861	38.60	-3.367	-4.080	-4.825	-5.561	-6.210	-6.688	-6.937	-6.960	-6.725	-6.346
3871	38.70	-5.865	-5.351	-4.778	-4.228	-3.698	-3.203	-2.754	-2.359	-2.009	-1.686
3881	38.80	-1.364	-1.025	-0.642	-0.242	0.186	0.628	1.079	1.537	2.001	2.459
3891	38.90	2.888	3.257	3.536	3.697	3.746	3.707	3.625	3.553	3.536	3.594
3901	39.00	3.712	3.865	3.930	3.910	3.759	3.491	3.165	2.859	2.638	2.523
3911	39.10	2.672	2.391	2.166	1.713	1.015	0.134	-0.819	-1.725	-2.516	-3.199
3921	39.20	-3.850	-4.565	-5.402	-6.336	-7.248	-7.987	-8.432	-8.470	-8.215	-7.778
3931	39.30	-7.300	-6.856	-6.410	-5.826	-4.924	-3.576	-1.769	0.370	2.612	4.705
3941	39.40	6.661	7.811	8.809	9.580	10.251	10.892	11.485	11.944	12.161	12.060
3951	39.50	11.625	10.910	10.009	9.022	8.027	7.067	6.148	5.263	4.404	3.572
3961	39.60	2.784	2.067	1.453	0.969	0.630	0.431	0.342	0.312	0.275	0.171
3971	39.70	-0.035	-0.341	-0.712	-1.092	-1.436	-1.729	-1.996	-2.288	-2.658	-3.133
3981	39.80	-3.699	-4.309	-4.904	-5.454	-5.966	-6.490	-7.091	-7.807	-8.625	-9.476
3991	39.90	-10.250	-10.839	-11.176	-11.254	-11.118	-10.841	-10.486	-10.085	-9.636	-9.120

Table 7—28—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-8.528	-7.875	-7.198	-6.532	-5.886	-5.219	-4.652	-3.492	-2.281	-0.827
4011	40.10	0.778	2.380	3.805	4.910	5.635	5.999	6.101	6.069	6.020	6.025
4021	40.20	6.100	6.218	6.330	6.398	6.403	6.356	6.283	6.213	6.165	6.145
4031	40.30	6.145	6.154	6.164	6.172	6.178	6.183	6.186	6.185	6.177	6.163
4041	40.40	6.151	6.148	6.160	6.186	6.213	6.221	6.186	6.089	5.921	5.674
4051	40.50	5.344	4.915	4.361	3.669	2.753	1.673	0.443	-0.860	-2.133	-3.268
4061	40.60	-4.181	-4.833	-5.237	-5.452	-5.554	-5.618	-5.691	-5.789	-5.899	-5.991
4071	40.70	-6.034	-6.003	-5.890	-5.694	-5.429	-5.112	-4.769	-4.428	-4.114	-3.839
4081	40.80	-3.598	-3.367	-3.107	-2.785	-2.387	-1.933	-1.477	-1.089	-0.833	-0.744
4091	40.90	-0.817	-1.012	-1.271	-1.547	-1.814	-2.074	-2.338	-2.612	-2.879	-3.100
4101	41.00	-3.230	-3.239	-3.130	-2.942	-2.737	-2.574	-2.484	-2.463	-2.476	-2.480
4111	41.10	-2.445	-2.365	-2.259	-2.154	-2.068	-1.997	-1.923	-1.821	-1.681	-1.512
4121	41.20	-1.335	-1.171	-1.025	-0.880	-0.712	-0.498	-0.242	0.033	0.294	0.525
4131	41.30	0.751	1.032	1.445	2.040	2.807	3.657	4.442	5.008	5.246	5.135
4141	41.40	4.741	4.189	3.602	3.052	2.544	2.031	1.457	0.804	0.118	-0.508
4151	41.50	-0.975	-1.235	-1.317	-1.331	-1.417	-1.689	-2.183	-2.635	-3.501	-4.009
4161	41.60	-4.220	-4.066	-3.557	-2.780	-1.844	-0.856	0.100	0.967	1.706	2.292
4171	41.70	2.714	2.983	3.141	3.251	3.388	3.613	3.945	4.361	4.802	5.200
4181	41.80	5.505	5.703	5.815	5.880	5.928	5.964	5.965	5.899	5.745	5.510
4191	41.90	5.232	4.963	4.740	4.571	4.420	4.233	3.958	3.576	3.111	2.623
4201	42.00	2.179	1.819	1.542	1.304	1.042	0.706	0.283	-0.195	-0.671	-1.088
4211	42.10	-1.423	-1.697	-1.967	-2.295	-2.716	-3.221	-3.750	-4.220	-4.556	-4.720
4221	42.20	-4.720	-4.608	-4.448	-4.299	-4.192	-4.127	-4.092	-4.065	-4.037	-4.005
4231	42.30	-3.968	-3.927	-3.875	-3.804	-3.717	-3.622	-3.538	-3.478	-3.440	-3.397
4241	42.40	-3.312	-3.150	-2.895	-2.562	-2.189	-1.812	-1.446	-1.067	-0.625	-0.068
4251	42.50	0.621	1.407	2.205	2.910	3.445	3.795	4.000	4.154	4.329	4.566
4261	42.60	4.757	4.865	4.777	4.455	3.946	3.369	2.860	2.517	2.352	2.293
4271	42.70	2.225	2.053	1.769	1.370	1.024	0.813	0.784	0.910	1.107	1.293
4281	42.80	1.431	1.551	1.725	2.017	2.428	2.878	3.230	3.351	3.181	2.764
4291	42.90	2.231	1.738	1.390	1.185	1.017	0.726	0.182	-0.648	-1.678	-2.736
4301	43.00	-3.660	-4.274	-4.632	-4.806	-4.933	-5.125	-5.422	-5.782	-6.119	-6.350
4311	43.10	-6.441	-6.419	-6.350	-6.298	-6.297	-6.333	-6.367	-6.360	-6.295	-6.188
4321	43.20	-6.066	-5.951	-5.839	-5.705	-5.525	-5.296	-5.044	-4.816	-4.643	-4.511
4331	43.30	-4.352	-4.059	-3.532	-2.723	-1.668	-0.475	0.712	1.775	2.657	3.380
4341	43.40	4.017	4.641	5.287	5.932	6.508	6.949	7.224	7.365	7.466	7.552
4351	43.50	7.733	7.984	8.243	8.432	8.487	8.397	8.195	7.963	7.691	7.454
4361	43.60	7.202	6.876	6.427	5.834	5.118	4.335	3.544	2.791	2.085	1.412
4371	43.70	0.762	0.053	-0.661	-1.383	-2.080	-2.717	-3.262	-3.695	-4.004	-4.195
4381	43.80	-4.286	-4.312	-4.312	-4.323	-4.356	-4.394	-4.388	-4.280	-4.026	-3.623
4391	43.90	-3.121	-2.602	-2.155	-1.841	-1.664	-1.583	-1.533	-1.464	-1.374	-1.304
4401	44.00	-1.322	-1.476	-1.768	-2.137	-2.484	-2.713	-2.773	-2.679	-2.506	-2.366
4411	44.10	-2.269	-2.292	-2.376	-2.455	-2.468	-2.388	-2.229	-2.027	-1.819	-1.618
4421	44.20	-1.420	-1.212	-0.997	-0.805	-0.679	-0.656	-0.741	-0.894	-1.051	-1.153
4431	44.30	-1.182	-1.162	-1.148	-1.176	-1.222	-1.188	-1.030	-0.820	-0.684	-0.601
4441	44.40	3.638	4.264	5.298	6.484	6.910	7.262	7.731	8.421	9.303	10.225
4451	44.50	10.994	11.664	11.598	11.473	11.221	10.941	10.634	10.195	9.463	8.315
4461	44.60	6.747	4.898	3.005	1.305	-0.064	-1.123	-2.026	-2.974	-4.110	-5.436
4471	44.70	-6.807	-7.995	-8.795	-9.123	-9.057	-8.796	-8.563	-8.519	-8.665	-8.954
4481	44.80	-9.152	-9.125	-8.809	-8.240	-7.524	-6.766	-6.023	-5.286	-4.516	-3.690
4491	44.90	-2.847	-2.080	-1.498	-1.160	-1.031	-0.977	-0.822	-0.425	0.246	1.086

Table 7—28—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	1.898	2.471	2.879	2.528	2.159	1.776	1.557	1.581	1.803	2.093
4511	45.10	2.303	2.345	2.220	2.015	1.844	1.791	1.868	2.019	2.152	2.187
4521	45.20	2.092	1.890	1.637	1.385	1.156	0.934	0.685	0.382	0.029	-0.336
4531	45.30	-0.652	-0.874	-0.972	-0.949	-0.825	-0.621	-0.349	-0.006	0.302	0.481
4541	45.40	1.382	1.869	2.298	2.646	2.908	3.097	3.226	3.295	3.293	3.204
4551	45.50	3.026	2.780	2.505	2.241	2.003	1.770	1.487	1.095	0.558	-0.104
4561	45.60	-0.826	-1.516	-2.097	-2.545	-2.894	-3.219	-3.594	-4.053	-4.571	-5.082
4571	45.70	-5.519	-5.814	-6.009	-6.156	-6.327	-6.560	-6.830	-7.055	-7.132	-6.984
4581	45.80	-6.597	-6.032	-5.393	-4.785	-4.265	-3.842	-3.455	-3.040	-2.554	-1.992
4591	45.90	-1.391	-0.797	-0.241	0.279	0.791	1.324	1.886	2.452	2.974	3.406
4601	46.00	3.731	3.975	4.199	4.472	4.860	5.308	5.859	6.382	6.892	7.353
4611	46.10	7.780	8.201	8.636	9.078	9.497	9.851	10.111	10.270	10.349	10.376
4621	46.20	10.353	10.263	10.050	9.647	9.005	8.116	7.020	5.826	4.614	3.480
4631	46.30	2.471	1.583	0.767	-0.056	-0.973	-2.056	-3.333	-4.793	-6.360	-7.914
4641	46.40	-9.308	-10.408	-11.130	-11.468	-11.498	-11.352	-11.172	-11.056	-11.024	-11.019
4651	46.50	-10.925	-10.634	-10.089	-9.314	-8.401	-7.470	-6.619	-5.888	-5.248	-4.630
4661	46.60	-3.962	-3.210	-2.390	-1.557	-0.774	-0.075	0.566	1.127	1.718	2.353
4671	46.70	3.036	3.751	4.482	5.230	6.017	6.870	7.786	8.711	9.532	10.108
4681	46.80	10.316	10.100	9.501	8.649	7.718	6.865	6.179	5.658	5.225	4.766
4691	46.90	4.182	3.425	2.592	1.459	0.353	-0.779	-1.918	-3.056	-4.175	-5.233
4701	47.00	-6.165	-6.905	-7.410	-7.683	-7.775	-7.768	-7.743	-7.753	-7.805	-7.868
4711	47.10	-7.894	-7.846	-7.711	-7.509	-7.272	-7.031	-6.791	-6.537	-6.239	-5.877
4721	47.20	-5.452	-4.987	-4.522	-4.084	-3.678	-3.275	-2.832	-2.313	-1.713	-1.072
4731	47.30	-0.464	0.039	0.599	0.641	0.857	1.178	1.727	2.567	3.680	4.957
4741	47.40	6.245	7.391	8.292	8.925	9.350	9.584	9.752	9.859	9.885	9.785
4751	47.50	9.522	9.102	8.574	8.020	7.519	7.112	6.792	6.511	6.210	5.853
4761	47.60	5.444	5.024	4.639	4.314	4.026	3.712	3.296	2.732	2.028	1.251
4771	47.70	0.509	-0.140	-0.640	-1.040	-1.441	-1.952	-2.642	-3.503	-4.467	-5.336
4781	47.80	-6.028	-6.441	-6.563	-6.458	-6.229	-5.977	-5.763	-5.602	-5.466	-5.367
4791	47.90	-5.125	-4.889	-4.631	-4.378	-4.142	-3.916	-3.666	-3.358	-2.971	-2.512
4801	48.00	-2.024	-1.567	-1.203	-0.968	-0.858	-0.835	-0.832	-0.783	-0.644	-0.408
4811	48.10	-0.106	0.205	0.471	0.662	0.788	0.899	1.068	1.362	1.816	2.422
4821	48.20	3.121	3.832	4.471	4.981	5.343	5.570	5.689	5.723	5.673	5.518
4831	48.30	5.228	4.785	4.198	3.508	2.778	2.072	1.437	0.889	0.412	-0.024
4841	48.40	-0.447	-0.872	-1.295	-1.697	-2.046	-2.399	-2.710	-3.018	-3.340	-3.677
4851	48.50	-4.009	-4.302	-4.523	-4.651	-4.691	-4.668	-4.617	-4.570	-4.542	-4.566
4861	48.60	-4.559	-4.578	-4.607	-4.663	-4.769	-4.935	-5.142	-5.337	-5.442	-5.376
4871	48.70	-5.084	-4.566	-3.868	-3.095	-2.353	-1.733	-1.272	-0.954	-0.720	-0.500
4881	48.80	-0.260	0.076	0.431	0.786	1.130	1.396	1.667	1.960	2.313	2.743
4891	48.90	3.244	3.794	4.370	4.963	5.575	6.211	6.856	7.466	7.965	8.268
4901	49.00	8.309	8.069	7.589	6.955	6.273	5.629	5.064	4.575	4.121	3.660
4911	49.10	3.168	2.652	2.161	1.671	1.268	0.935	0.659	0.424	0.220	0.051
4921	49.20	-0.078	-0.166	-0.231	-0.300	-0.405	-0.557	-0.737	-0.901	-0.988	-0.952
4931	49.30	-0.777	-0.685	-0.528	-0.231	0.561	0.776	0.931	1.012	1.024	0.965
4941	49.40	0.825	0.599	0.294	-0.068	-0.455	-0.838	-1.201	-1.545	-1.879	-2.208
4951	49.50	-2.528	-2.816	-3.046	-3.196	-3.260	-3.252	-3.195	-3.115	-3.027	-2.938
4961	49.60	-2.852	-2.782	-2.746	-2.769	-2.862	-3.011	-3.176	-3.298	-3.332	-3.260
4971	49.70	-3.117	-2.974	-2.917	-3.007	-3.260	-3.634	-4.052	-4.427	-4.694	-4.828
4981	49.80	-4.834	-4.727	-4.516	-4.190	-3.730	-3.130	-2.419	-1.666	-0.956	-0.382
4991	49.90	0.013	0.235	0.342	0.410	0.500	0.635	0.794	0.932	1.011	1.023

Table 7—28—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1121 106-GR-1-S1 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.997	0.987	1.037	1.164	1.364	1.528	1.669	1.747	1.786	1.845
5011	50.10	1.990	2.261	2.656	3.127	3.601	4.010	4.316	4.519	4.650	4.745
5021	50.20	4.825	4.885	4.898	4.832	4.675	4.442	4.175	3.924	3.726	3.585
5031	50.30	3.474	3.334	3.159	2.892	2.642	2.441	2.340	2.308	2.069	0.908
5041	50.40	0.787	0.651	0.461	0.197	-0.132	-0.497	-0.868	-1.223	-1.557	-1.879
5051	50.50	-2.200	-2.527	-2.849	-3.143	-3.378	-3.529	-3.583	-3.545	-3.428	-3.252
5061	50.60	-3.031	-2.769	-2.464	-2.114	-1.720	-1.293	-0.851	-0.414	0.001	0.384
5071	50.70	0.733	1.049	1.335	1.590	1.809	1.985	2.105	2.159	2.132	2.014
5081	50.80	1.802	1.504	1.144	0.758	0.390	0.075	-0.170	-0.356	-0.512	-0.674
5091	50.90	-0.865	-1.081	-1.294	-1.457	-1.537	-1.528	-1.462	-1.392	-1.368	-1.408
5101	51.00	-1.477	-1.497	-1.375	-1.046	-0.595	0.176	0.873	1.444	1.779	1.838
5111	51.10	1.652	1.311	0.918	0.558	0.268	0.038	-0.170	-0.397	-0.665	-0.970
5121	51.20	-1.289	-1.591	-1.855	-2.076	-2.261	-2.422	-2.566	-2.695	-2.797	-2.860
5131	51.30	-2.867	-2.805	-2.662	-2.430	-2.109	-1.705	-1.240	-0.744	-0.253	0.200
5141	51.40	0.592	0.917	1.181	1.395	1.572	1.720	1.842	1.938	2.014	2.074
5151	51.50	2.122	2.153	2.158	2.124	2.047	1.947	1.866	1.868	2.013	2.340
5161	51.60	2.843	3.466	4.118	4.695	5.112	5.321	5.323	5.150	4.857	4.494
5171	51.70	4.096	3.682	3.254	2.804	2.323	1.796	1.211	0.560	-0.152	-0.906
5181	51.80	-1.666	-2.391	-3.043	-3.607	-4.094	-4.530	-4.943	-5.340	-5.697	-5.967
5191	51.90	-6.098	-6.068	-5.900	-5.663	-5.444	-5.306	-5.258	-5.232	-5.113	-4.781
5201	52.00	-4.168	-3.299	-2.290	-1.319	-0.563	-0.134	-0.047	-0.220	-0.508	-0.765
5211	52.10	-0.888	-0.850	-0.688	-0.479	-0.296	-0.179	-0.126	-0.102	-0.060	0.032
5221	52.20	0.185	0.386	0.609	0.852	1.045	1.256	1.481	1.760	2.037	2.363
5231	52.30	2.685	2.957	3.127	3.153	3.017	2.732	2.347	1.933	1.566	1.303
5241	52.40	1.166	1.135	1.161	1.182	1.156	1.069	0.943	0.820	0.737	0.712
5251	52.50	0.733	0.767	0.784	0.773	0.756	0.782	0.904	1.155	1.537	2.012
5261	52.60	2.523	3.016	3.458	3.840	4.172	4.459	4.685	4.815	4.803	4.619
5271	52.70	4.269	3.798	3.281	2.791	2.371	2.016	1.683	1.311	0.855	0.311
5281	52.80	-0.282	-0.863	-1.381	-1.814	-2.188	-2.553	-2.957	-3.413	-3.887	-4.307
5291	52.90	-4.596	-4.710	-4.658	-4.504	-4.340	-4.243	-4.246	-4.322	-4.402	-4.405
5301	53.00	-4.283	-4.041	-3.730	-3.429	-3.203	-3.077	-3.028	-3.001	-2.937	-2.803
5311	53.10	-2.602	-2.371	-2.153	-1.973	-1.825	-1.668	-1.454	-1.167	-0.744	-0.277
5321	53.20	0.198	0.629	0.984	1.263	1.490	1.694	1.893	2.076	2.216	2.276
5331	53.30	2.238	2.108	1.919	1.720	1.556	1.446	1.385	1.342	1.280	1.171
5341	53.40	1.010	0.814	0.613	0.440	0.313	0.236	0.197	0.177	0.159	0.132
5351	53.50	0.094	0.046	-0.010	-0.071	-0.135	-0.200	-0.264	-0.324	-0.379	-0.432
5361	53.60	-0.489	-0.557	-0.640	-0.733	-0.828	-0.908	-0.959	-0.972	-0.946	-0.886
5371	53.70	-0.804	-0.713	-0.626	-0.552	-0.496	-0.459	-0.439	-0.428	-0.412	-0.382
5381	53.80	-0.330	-0.261	-0.189	-0.131	-0.100	-0.095	-0.100	-0.093	-0.053	0.024
5391	53.90	0.119	0.199	0.235	0.218	0.174	0.155	0.215	0.388	0.662	0.984
5401	54.00	1.281	1.500	1.636	1.742	1.915	2.244	2.763	3.430	4.128	4.713
5411	54.10	5.063	5.131	4.953	4.628	4.272	3.962	3.716	3.499	3.253	2.940
5421	54.20	2.567	2.180	1.839	1.575	1.377	1.186	0.931	0.560	0.068	-0.503
5431	54.30	-1.090	-1.639	-2.153	-2.591	-3.053	-3.548	-4.076	-4.609	-5.107	-5.547
5441	54.40	-5.937	-6.309	-6.687	-7.062	-7.378	-7.540	-7.459	-7.095	-6.488	-5.742
5451	54.50	-5.017	-4.412	-3.971	-3.639	-3.293	-2.798	-2.063	-1.080	0.076	1.281
5461	54.60	2.407	3.363	4.114	4.666	5.048	5.287	5.401	5.408	5.335	5.228
5471	54.70	5.142	5.128	5.202	5.344	5.500	5.606	5.619	5.537	5.394	5.244
5481	54.80	5.126	5.047	4.969	4.826	4.558	4.134	3.576	2.948	2.338	1.820
5491	54.90	1.434	1.171	0.987	0.818	0.613	0.351	0.040	-0.290	-0.605	-0.889

Table 7—28—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1121 106-GR-1-S1 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-1.149	-1.410	-1.701	-2.036	-2.409	-2.786	-3.139	-3.413	-3.644	-3.860
5511	55.10	-4.122	-4.383	-4.965	-5.534	-6.111	-6.587	-6.861	-6.873	-6.623	-6.164
5521	55.20	-5.586	-4.982	-4.422	-3.941	-3.536	-3.175	-2.816	-2.418	-1.948	-1.392
5531	55.30	-0.755	-0.071	0.603	1.193	1.631	1.871	1.913	1.800	1.604	1.399
5541	55.40	1.236	1.129	1.065	1.027	1.022	1.084	1.270	1.622	2.135	2.750
5551	55.50	3.363	3.872	4.222	4.427	4.564	4.724	4.961	5.253	5.511	5.627
5561	55.60	5.535	5.258	4.906	4.619	4.486	4.484	4.465	4.212	3.543	2.405
5571	55.70	0.926	-0.628	-1.951	-2.820	-3.189	-3.193	-3.083	-3.100	-3.374	-3.875
5581	55.80	-4.448	-4.908	-5.138	-5.152	-5.083	-5.109	-5.362	-5.861	-6.502	-7.110
5591	55.90	-7.523	-7.660	-7.541	-7.262	-6.932	-6.617	-6.316	-5.979	-5.553	-5.026
5601	56.00	-4.441	-3.877	-3.405	-3.051	-2.781	-2.520	-2.195	-1.772	-1.275	-0.743
5611	56.10	-0.300	0.085	0.415	0.747	1.141	1.626	2.183	2.762	3.308	3.794
5621	56.20	4.232	4.661	5.116	5.596	6.059	6.435	6.662	6.724	6.656	6.538
5631	56.30	6.443	6.408	6.402	6.339	6.120	5.678	5.020	4.227	3.429	2.756
5641	56.40	2.291	2.047	1.966	1.951	1.903	1.750	1.464	1.056	0.559	0.030
5651	56.50	-0.475	-0.902	-1.206	-1.361	-1.372	-1.281	-1.165	-1.108	-1.175	-1.382
5661	56.60	-1.682	-1.979	-2.161	-2.137	-1.878	-1.617	-0.837	-0.234	0.322	0.805
5671	56.70	1.233	1.642	2.057	2.474	2.854	3.139	3.280	3.253	3.071	2.769
5681	56.80	2.390	1.962	1.497	0.995	0.455	-0.110	-0.672	-1.196	-1.655	-2.043
5691	56.90	-2.380	-2.699	-3.035	-3.401	-3.783	-4.143	-4.430	-4.597	-4.622	-4.507
5701	57.00	-4.281	-3.989	-3.678	-3.384	-3.126	-2.900	-2.680	-2.430	-2.110	-1.697
5711	57.10	-1.191	-0.825	-0.057	0.441	0.801	0.985	0.986	0.827	0.552	0.206
5721	57.20	-0.189	-0.613	-1.067	-1.544	-2.024	-2.471	-2.836	-3.079	-3.175	-3.123
5731	57.30	-2.943	-2.661	-2.297	-1.859	-1.365	-0.755	-0.103	0.576	1.231	1.807
5741	57.40	2.260	2.578	2.778	2.899	2.990	3.085	3.199	3.321	3.426	3.491
5751	57.50	3.509	3.490	3.459	3.444	3.459	3.497	3.532	3.536	3.490	3.405
5761	57.60	3.312	3.255	3.262	3.324	3.385	3.357	3.148	2.707	2.048	1.256
5771	57.70	0.455	-0.231	-0.730	-1.039	-1.227	-1.392	-1.613	-1.922	-2.289	-2.648
5781	57.80	-2.937	-3.130	-3.252	-3.360	-3.507	-3.709	-3.939	-4.136	-4.246	-4.253
5791	57.90	-4.191	-4.122	-4.105	-4.154	-4.231	-4.266	-4.197	-4.007	-3.763	-3.487
5801	58.00	-3.313	-3.242	-3.221	-3.147	-2.926	-2.522	-1.986	-1.423	-0.954	-0.622
5811	58.10	-0.365	-0.031	0.562	1.531	2.865	4.412	5.926	7.162	7.959	8.300
5821	58.20	8.295	8.128	7.974	7.937	8.030	8.190	8.325	8.354	8.232	7.945
5831	58.30	7.496	6.879	6.096	5.444	4.964	4.868	4.693	4.496	4.496	4.277
5841	58.40	-1.828	-2.165	-2.337	-2.426	-2.528	-2.756	-3.190	-3.852	-4.683	-5.550
5851	58.50	-6.278	-6.714	-6.787	-6.537	-6.105	-5.673	-5.394	-5.329	-5.437	-5.614
5861	58.60	-5.752	-5.803	-5.794	-5.796	-5.868	-6.000	-6.098	-6.026	-5.677	-5.036
5871	58.70	-4.203	-3.346	-2.619	-2.077	-1.636	-1.113	-0.316	0.866	2.302	3.836
5881	58.80	5.177	6.126	6.842	6.864	7.042	7.614	8.090	9.008	9.968	10.728
5891	58.90	11.126	11.142	10.893	10.559	10.274	10.062	9.822	9.393	8.644	7.552
5901	59.00	6.217	4.817	3.522	2.407	1.430	0.454	-0.663	-1.992	-3.487	-4.976
5911	59.10	-6.286	-7.268	-7.907	-8.301	-8.620	-9.021	-9.577	-10.246	-10.906	-11.421
5921	59.20	-11.714	-11.809	-11.815	-11.864	-12.038	-12.318	-12.580	-12.647	-12.369	-11.687
5931	59.30	-10.668	-9.472	-8.285	-7.241	-6.376	-5.622	-4.860	-3.980	-2.942	-1.789
5941	59.40	-0.623	0.450	1.376	2.159	2.872	3.585	4.334	5.092	5.784	6.330
5951	59.50	6.694	6.910	7.078	7.318	7.716	8.284	8.949	9.588	10.071	10.314
5961	59.60	10.504	10.092	9.761	9.394	9.043	8.721	8.416	8.100	7.748	7.332
5971	59.70	6.850	6.278	5.820	4.896	4.168	3.630	2.792	2.250	1.781	1.323
5981	59.80	0.803	0.175	-0.550	-1.304	-1.981	-2.481	-2.755	-2.823	-2.766	-2.687
5991	59.90	-2.672	-2.753	-2.908	-3.079	-3.211	-3.275	-3.275	-3.245	-3.216	-3.205

Table 7—28—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-3.204	-3.196	-3.169	-3.126	-3.083	-3.055	-3.039	-3.007	-2.918	-2.730
6011	60.10	-2.432	-2.065	-1.619	-1.210	-0.857	-0.564	-0.308	-0.048	0.243	0.573
6021	60.20	0.924	1.269	1.587	1.872	2.133	2.380	2.609	2.796	2.901	2.885
6031	60.30	2.729	2.442	2.063	1.645	1.237	0.867	0.540	0.244	-0.036	-0.307
6041	60.40	-0.563	-0.785	-0.956	-1.064	-1.112	-1.116	-1.098	-1.081	-1.080	-1.098
6051	60.50	-1.134	-1.181	-1.234	-1.295	-1.370	-1.467	-1.587	-1.718	-1.857	-1.914
6061	60.60	-1.926	-1.871	-1.775	-1.688	-1.663	-1.738	-1.919	-2.177	-2.466	-2.743
6071	60.70	-2.997	-3.244	-3.521	-3.843	-4.206	-4.530	-4.731	-4.737	-4.533	-4.171
6081	60.80	-3.752	-3.372	-3.078	-2.837	-2.555	-2.133	-1.530	-0.798	-0.070	0.502
6091	60.90	0.822	0.909	0.888	0.936	1.191	1.678	2.299	2.885	3.285	3.467
6101	61.00	3.531	3.662	4.033	4.699	5.549	6.367	6.834	6.858	6.446	5.801
6111	61.10	5.212	4.918	5.007	5.390	5.853	6.171	6.214	5.992	5.629	5.275
6121	61.20	5.023	4.851	4.648	4.278	3.659	2.805	1.817	0.824	-0.087	-0.910
6131	61.30	-1.709	-2.582	-3.507	-4.501	-5.435	-6.186	-6.677	-6.916	-6.988	-7.007
6141	61.40	-7.065	-7.185	-7.323	-7.405	-7.373	-7.218	-6.983	-6.732	-6.507	-6.306
6151	61.50	-6.081	-5.767	-5.321	-4.750	-4.105	-3.459	-2.871	-2.560	-1.905	-1.456
6161	61.60	-0.969	-0.417	0.203	0.884	1.621	2.419	3.277	4.177	5.066	5.864
6171	61.70	6.483	6.863	6.996	6.933	6.763	6.574	6.421	6.305	6.183	5.998
6181	61.80	5.711	5.323	4.877	4.433	4.042	3.724	3.464	3.221	2.949	2.621
6191	61.90	2.232	1.799	1.349	0.904	0.479	0.079	-0.298	-0.654	-0.988	-1.299
6201	62.00	-1.585	-1.865	-2.080	-2.289	-2.471	-2.625	-2.751	-2.848	-2.914	-2.939
6211	62.10	-2.905	-2.793	-2.594	-2.316	-1.996	-1.689	-1.458	-1.351	-1.377	-1.508
6221	62.20	-1.681	-1.830	-1.906	-1.896	-1.824	-1.736	-1.677	-1.671	-1.714	-1.780
6231	62.30	-1.837	-1.861	-1.845	-1.796	-1.722	-1.629	-1.512	-1.366	-1.191	-0.998
6241	62.40	-0.808	-0.644	-0.516	-0.420	-0.334	-0.228	-0.083	0.105	0.325	0.555
6251	62.50	0.778	0.987	1.186	1.386	1.589	1.786	1.958	2.084	2.151	2.161
6261	62.60	2.129	2.072	2.003	1.919	1.812	1.673	1.508	1.336	1.187	1.086
6271	62.70	1.040	1.035	1.043	1.038	1.012	0.985	0.993	1.066	1.207	1.380
6281	62.80	1.516	1.538	1.395	1.086	0.661	0.206	-0.198	-0.498	-0.695	-0.830
6291	62.90	-0.962	-1.137	-1.368	-1.638	-1.915	-2.179	-2.430	-2.689	-2.975	-3.277
6301	63.00	-3.542	-3.678	-3.588	-3.212	-2.558	-1.710	-0.807	0.009	0.635	1.043
6311	63.10	1.277	1.421	1.559	1.732	1.927	2.089	2.158	2.100	1.932	1.713
6321	63.20	1.517	1.401	1.379	1.419	1.461	1.450	1.356	1.190	0.992	0.813
6331	63.30	0.684	0.610	0.570	0.532	0.471	0.382	0.279	0.181	0.095	0.009
6341	63.40	-0.109	-0.294	-0.565	-0.911	-1.290	-1.642	-1.916	-2.089	-2.186	-2.265
6351	63.50	-2.401	-2.654	-3.037	-3.508	-3.977	-4.337	-4.495	-4.408	-4.098	-3.644
6361	63.60	-3.158	-2.744	-2.474	-2.365	-2.388	-2.481	-2.582	-2.642	-2.660	-2.577
6371	63.70	-2.458	-2.284	-2.041	-1.713	-1.286	-0.763	-0.168	0.466	1.108	1.742
6381	63.80	2.378	3.033	3.725	4.450	5.176	5.849	6.419	6.854	7.162	7.380
6391	63.90	7.562	7.746	7.934	8.090	8.150	8.055	7.774	7.324	6.759	6.151
6401	64.00	5.560	5.009	4.479	3.924	3.292	2.550	1.701	0.782	-0.152	-1.042
6411	64.10	-1.846	-2.565	-3.136	-3.630	-4.040	-4.377	-4.644	-4.847	-4.989	-5.075
6421	64.20	-5.112	-5.108	-5.069	-5.001	-4.907	-4.789	-4.647	-4.483	-4.298	-4.097
6431	64.30	-3.894	-3.705	-3.564	-3.415	-3.309	-3.199	-3.056	-2.858	-2.606	-2.327
6441	64.40	-2.008	-1.869	-1.744	-1.664	-1.563	-1.361	-1.001	-0.479	0.150	0.784
6451	64.50	1.322	1.704	1.938	2.100	2.299	2.622	3.092	3.649	4.174	4.529
6461	64.60	4.621	4.435	4.039	3.555	3.108	2.779	2.584	2.474	2.373	2.216
6471	64.70	1.973	1.662	1.328	1.016	0.753	0.530	0.321	0.091	-0.178	-0.483
6481	64.80	-0.806	-1.119	-1.406	-1.659	-1.881	-2.072	-2.225	-2.320	-2.338	-2.268
6491	64.90	-2.120	-1.929	-1.745	-1.617	-1.582	-1.645	-1.787	-1.967	-2.140	-2.271

Table 7—28—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-2.342	-2.355	-2.327	-2.279	-2.232	-2.197	-2.174	-2.149	-2.101	-2.005
6511	65.10	-1.839	-1.595	-1.277	-0.909	-0.525	-0.167	0.134	0.360	0.514	0.617
6521	65.20	0.696	0.776	0.866	0.965	1.057	1.127	1.165	1.177	1.178	1.184
6531	65.30	1.206	1.241	1.274	1.288	1.270	1.225	1.172	1.137	1.142	1.192
6541	65.40	1.275	1.366	1.438	1.477	1.485	1.473	1.455	1.415	1.345	1.212
6551	65.50	1.003	0.739	0.479	0.311	0.320	0.553	0.991	1.554	2.123	2.583
6561	65.60	2.868	2.977	2.965	2.913	2.883	2.887	2.892	2.837	2.627	2.401
6571	65.70	2.066	1.670	1.317	0.992	0.654	0.242	-0.288	-0.925	-1.596	-2.190
6581	65.80	-2.600	-2.774	-2.735	-2.575	-2.408	-2.321	-2.340	-2.425	-2.498	-2.490
6591	65.90	-2.376	-2.185	-1.985	-1.842	-1.783	-1.790	-1.803	-1.759	-1.621	-1.395
6601	66.00	-1.120	-0.851	-0.624	-0.450	-0.351	-0.181	-0.047	0.081	0.183	0.241
6611	66.10	0.257	0.265	0.313	0.451	0.702	1.052	1.459	1.866	2.219	2.495
6621	66.20	2.688	2.809	2.869	2.873	2.818	2.694	2.495	2.226	1.900	1.542
6631	66.30	1.179	0.859	0.546	0.315	0.143	0.007	-0.131	-0.319	-0.587	-0.929
6641	66.40	-1.301	-1.630	-1.848	-1.928	-1.912	-1.910	-2.057	-2.462	-3.152	-4.052
6651	66.50	-5.004	-5.824	-6.374	-6.610	-6.590	-6.430	-6.247	-6.098	-5.960	-5.753
6661	66.60	-5.397	-4.864	-4.202	-3.521	-2.935	-2.504	-2.205	-1.934	-1.560	-0.993
6671	66.70	-0.225	0.655	1.499	2.163	2.558	2.684	2.616	2.462	2.315	2.224
6681	66.80	2.187	2.170	2.140	2.087	2.029	2.001	2.037	2.149	2.329	2.566
6691	66.90	2.765	2.957	3.101	3.191	3.228	3.225	3.201	3.178	3.179	3.221
6701	67.00	3.306	3.427	3.569	3.722	3.886	4.069	4.281	4.520	4.767	4.986
6711	67.10	5.146	5.233	5.266	5.291	5.358	5.495	5.688	5.883	6.005	5.995
6721	67.20	5.836	5.558	5.218	4.874	4.549	4.234	3.899	3.525	3.128	2.755
6731	67.30	2.450	2.219	1.996	1.656	1.056	0.110	-1.158	-2.602	-3.997	-5.126
6741	67.40	-5.870	-6.254	-6.431	-6.618	-6.986	-7.594	-8.364	-9.123	-9.688	-9.948
6751	67.50	-9.904	-9.654	-9.338	-9.064	-8.866	-8.707	-8.511	-8.220	-7.827	-7.378
6761	67.60	-6.936	-6.542	-6.190	-5.825	-5.382	-4.822	-4.161	-3.466	-2.819	-2.280
6771	67.70	-1.856	-1.503	-1.150	-0.746	-0.276	0.229	0.720	1.164	1.565	1.965
6781	67.80	2.412	2.923	3.464	3.952	4.284	4.389	4.261	3.969	3.630	3.362
6791	67.90	3.235	3.248	3.352	3.390	3.339	3.147	2.939	2.683	2.355	1.910
6801	68.00	1.763	1.697	1.674	1.663	1.647	1.625	1.603	1.581	1.551	1.495
6811	68.10	1.397	1.252	1.076	0.892	0.727	0.599	0.507	0.436	0.362	0.263
6821	68.20	0.131	-0.030	-0.203	-0.367	-0.500	-0.581	-0.587	-0.496	-0.286	0.064
6831	68.30	0.542	1.115	1.715	2.253	2.640	2.811	2.747	2.484	2.103	1.699
6841	68.40	1.355	1.116	0.971	0.881	0.787	0.648	0.450	0.215	-0.019	-0.218
6851	68.50	-0.368	-0.484	-0.593	-0.722	-0.872	-1.016	-1.105	-1.085	-0.927	-0.638
6861	68.60	-0.261	0.134	0.475	0.710	0.821	0.819	0.743	0.636	0.535	0.486
6871	68.70	0.433	0.426	0.424	0.405	0.347	0.240	0.089	-0.089	-0.269	-0.429
6881	68.80	-0.563	-0.687	-0.834	-1.044	-1.342	-1.729	-2.172	-2.613	-2.992	-3.264
6891	68.90	-3.417	-3.470	-3.466	-3.443	-3.434	-3.445	-3.461	-3.465	-3.438	-3.372
6901	69.00	-3.263	-3.113	-2.920	-2.686	-2.424	-2.157	-1.923	-1.755	-1.673	-1.665
6911	69.10	-1.686	-1.625	-1.579	-1.374	-1.080	-0.749	-0.440	-0.192	-0.067	0.153
6921	69.20	0.342	0.600	0.932	1.303	1.659	1.968	2.155	2.303	2.450	2.653
6931	69.30	2.952	3.351	3.819	4.315	4.798	5.236	5.606	5.875	6.000	5.924
6941	69.40	5.607	5.067	4.299	3.472	2.699	2.090	1.695	1.487	1.377	1.258
6951	69.50	1.050	0.737	0.365	0.019	-0.227	-0.342	-0.355	-0.336	-0.360	-0.473
6961	69.60	-0.686	-0.887	-1.062	-1.135	-1.094	-0.970	-0.826	-0.722	-0.695	-0.742
6971	69.70	-0.829	-0.906	-0.936	-0.902	-0.817	-0.706	-0.603	-0.529	-0.489	-0.474
6981	69.80	-0.465	-0.441	-0.386	-0.292	-0.164	-0.012	0.148	0.302	0.443	0.569
6991	69.90	0.687	0.808	0.929	1.052	1.161	1.260	1.283	1.297	1.305	1.341

Table 7—28—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.631	1.580	1.764	1.932	2.021	1.982	1.794	1.473	1.069	0.645
7011	70.10	0.258	-0.058	-0.299	-0.487	-0.656	-0.839	-1.058	-1.323	-1.628	-1.956
7021	70.20	-2.276	-2.564	-2.789	-2.930	-2.979	-2.949	-2.871	-2.786	-2.732	-2.730
7031	70.30	-2.775	-2.860	-2.888	-2.888	-2.828	-2.721	-2.597	-2.488	-2.419	-2.390
7041	70.40	-2.386	-2.376	-2.334	-2.247	-2.117	-1.960	-1.800	-1.657	-1.544	-1.465
7051	70.50	-1.611	-1.363	-1.297	-1.184	-0.997	-0.719	-0.552	-0.081	0.560	0.978
7061	70.60	1.358	1.661	1.895	2.088	2.272	2.466	2.670	2.862	3.011	3.095
7071	70.70	3.113	3.085	3.043	3.014	3.007	3.005	2.967	2.866	2.681	2.422
7081	70.80	2.120	1.814	1.531	1.276	1.034	0.781	0.504	0.211	-0.063	-0.278
7091	70.90	-0.401	-0.426	-0.382	-0.316	-0.281	-0.310	-0.406	-0.562	-0.580	-0.784
7101	71.00	-0.842	-0.865	-0.883	-0.929	-1.023	-1.166	-1.343	-1.530	-1.704	-1.851
7111	71.10	-1.968	-2.055	-2.119	-2.166	-2.204	-2.239	-2.275	-2.310	-2.324	-2.288
7121	71.20	-2.166	-1.925	-1.565	-1.119	-0.651	-0.242	0.060	0.163	0.142	0.037
7131	71.30	-0.076	-0.132	-0.101	0.005	0.146	0.280	0.389	0.451	0.520	0.619
7141	71.40	0.759	0.927	1.083	1.184	1.203	1.141	1.044	0.952	0.917	0.961
7151	71.50	1.082	1.258	1.464	1.684	1.917	2.168	2.442	2.730	3.010	3.259
7161	71.60	3.459	3.610	3.724	3.815	3.887	3.919	3.873	3.707	3.393	2.937
7171	71.70	2.378	1.780	1.210	0.714	0.306	-0.029	-0.324	-0.613	-0.914	-1.229
7181	71.80	-1.549	-1.866	-2.180	-2.501	-2.846	-3.226	-3.636	-4.058	-4.461	-4.814
7191	71.90	-5.094	-5.294	-5.458	-5.478	-5.483	-5.436	-5.339	-5.152	-4.888	-4.533
7201	72.00	-4.093	-3.588	-3.048	-2.505	-1.982	-1.487	-1.006	-0.511	0.031	0.643
7211	72.10	1.327	2.057	2.786	3.460	4.037	4.496	4.865	5.110	5.323	5.504
7221	72.20	5.655	5.761	5.802	5.763	5.647	5.472	5.265	5.069	4.862	4.649
7231	72.30	4.473	4.317	4.183	4.071	3.963	3.818	3.577	3.172	2.554	1.715
7241	72.40	0.697	-0.405	-1.480	-2.420	-3.160	-3.688	-4.038	-4.274	-4.459	-4.634
7251	72.50	-4.811	-4.975	-5.103	-5.176	-5.187	-5.147	-5.068	-4.960	-4.824	-4.646
7261	72.60	-4.408	-4.096	-3.709	-3.265	-2.798	-2.356	-1.985	-1.721	-1.574	-1.528
7271	72.70	-1.537	-1.550	-1.477	-1.303	-1.026	-0.665	-0.285	0.043	0.265	0.359
7281	72.80	0.342	0.264	0.185	0.159	0.214	0.347	0.535	0.740	0.931	1.090
7291	72.90	1.211	1.304	1.385	1.467	1.564	1.680	1.815	1.959	2.098	2.212
7301	73.00	2.289	2.323	2.325	2.317	2.326	2.370	2.446	2.531	2.586	2.572
7311	73.10	2.465	2.269	2.014	1.748	1.510	1.326	1.192	1.086	0.982	0.861
7321	73.20	0.725	0.590	0.474	0.391	0.336	0.291	0.233	0.146	0.030	-0.102
7331	73.30	-0.231	-0.343	-0.440	-0.531	-0.634	-0.756	-0.891	-1.019	-1.116	-1.165
7341	73.40	-1.166	-1.130	-1.090	-1.070	-1.086	-1.137	-1.207	-1.276	-1.325	-1.338
7351	73.50	-1.309	-1.236	-1.122	-0.975	-0.811	-0.669	-0.512	-0.414	-0.355	-0.316
7361	73.60	-0.265	-0.169	-0.009	0.212	0.465	0.714	0.924	1.084	1.205	1.314
7371	73.70	1.440	1.591	1.755	1.901	1.997	2.028	2.003	1.950	1.901	1.872
7381	73.80	1.855	1.822	1.738	1.584	1.365	1.107	0.846	0.605	0.380	0.147
7391	73.90	-0.127	-0.460	-0.863	-1.241	-1.606	-1.900	-2.119	-2.288	-2.455	-2.658
7401	74.00	-2.910	-3.188	-3.438	-3.606	-3.657	-3.588	-3.430	-3.230	-3.028	-2.847
7411	74.10	-2.685	-2.528	-2.362	-2.177	-1.974	-1.756	-1.508	-1.223	-0.884	-0.489
7421	74.20	-0.059	0.361	0.718	0.971	1.106	1.150	1.131	1.165	1.224	1.326
7431	74.30	1.439	1.517	1.528	1.469	1.369	1.272	1.218	1.222	1.258	1.320
7441	74.40	1.342	1.316	1.241	1.148	1.066	1.013	0.984	0.960	0.916	0.836
7451	74.50	0.722	0.591	0.467	0.366	0.285	0.219	0.152	0.079	0.010	-0.039
7461	74.60	-0.049	-0.017	0.045	0.108	0.143	0.130	0.070	-0.018	-0.103	-0.165
7471	74.70	-0.194	-0.203	-0.212	-0.239	-0.292	-0.359	-0.420	-0.455	-0.457	-0.434
7481	74.80	-0.405	-0.388	-0.393	-0.413	-0.434	-0.441	-0.432	-0.423	-0.445	-0.530
7491	74.90	-0.694	-0.930	-1.206	-1.475	-1.692	-1.830	-1.889	-1.892	-1.870	-1.847

Table 7—28—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.827	-1.787	-1.690	-1.498	-1.193	-0.787	-0.325	0.126	0.495	0.730
7511	75.10	0.818	0.739	0.710	0.667	0.735	0.952	1.312	1.760	2.217	2.610
7521	75.20	2.895	3.078	3.201	3.324	3.486	3.684	3.863	3.936	3.822	3.484
7531	75.30	2.952	2.321	1.720	1.266	1.021	0.978	1.070	1.203	1.301	1.330
7541	75.40	1.305	1.268	1.256	1.272	1.282	1.229	1.065	0.776	0.394	-0.017
7551	75.50	-0.390	-0.686	-0.907	-1.092	-1.295	-1.549	-1.853	-2.170	-2.447	-2.642
7561	75.60	-2.744	-2.777	-2.749	-2.681	-2.901	-3.013	-3.128	-3.214	-3.252	-3.245
7571	75.70	-3.213	-3.173	-3.127	-3.056	-2.928	-2.717	-2.419	-2.062	-1.695	-1.374
7581	75.80	-1.134	-0.980	-0.881	-0.789	-0.657	-0.464	-0.218	0.042	0.270	0.428
7591	75.90	0.510	0.542	0.577	0.679	0.893	1.235	1.675	2.151	2.583	2.899
7601	76.00	3.061	3.076	2.983	2.855	2.751	2.700	2.691	2.674	2.587	2.384
7611	76.10	2.058	1.645	1.211	0.827	0.538	0.346	0.215	0.086	-0.085	-0.314
7621	76.20	-0.581	-0.838	-1.040	-1.167	-1.231	-1.271	-1.335	-1.446	-1.597	-1.769
7631	76.30	-1.868	-1.855	-1.762	-1.595	-1.408	-1.253	-1.162	-1.139	-1.158	-1.182
7641	76.40	-1.183	-1.152	-1.099	-1.048	-1.018	-1.013	-1.020	-1.016	-0.975	-0.893
7651	76.50	-0.776	-0.638	-0.507	-0.400	-0.318	-0.253	-0.186	-0.100	0.020	0.179
7661	76.60	0.369	0.575	0.778	0.957	1.093	1.177	1.211	1.206	1.176	1.148
7671	76.70	1.136	1.149	1.183	1.232	1.286	1.342	1.402	1.469	1.545	1.626
7681	76.80	1.704	1.767	1.811	1.839	1.866	1.897	1.942	1.991	2.024	2.015
7691	76.90	1.951	1.835	1.685	1.533	1.404	1.308	1.237	1.171	1.094	0.995
7701	77.00	0.882	0.766	0.649	0.522	0.356	0.123	-0.188	-0.560	-0.946	-1.284
7711	77.10	-1.529	-1.668	-1.730	-1.768	-1.836	-1.962	-2.134	-2.312	-2.456	-2.549
7721	77.20	-2.611	-2.688	-2.824	-3.029	-3.271	-3.480	-3.588	-3.565	-3.437	-3.280
7731	77.30	-3.180	-3.196	-3.318	-3.478	-3.579	-3.538	-3.327	-2.981	-2.565	-2.136
7741	77.40	-1.708	-1.241	-0.678	0.019	0.820	1.627	2.310	2.763	2.961	2.978
7751	77.50	2.960	3.058	3.357	3.837	4.385	4.850	5.117	5.159	5.068	4.906
7761	77.60	4.840	4.879	4.957	4.945	4.719	4.223	3.507	2.705	1.982	1.460
7771	77.70	1.169	1.045	0.967	0.816	0.527	0.113	-0.359	-0.802	-1.163	-1.436
7781	77.80	-1.661	-1.893	-2.165	-2.469	-2.780	-2.977	-3.078	-3.058	-2.956	-2.831
7791	77.90	-2.737	-2.702	-2.716	-2.745	-2.749	-2.703	-2.610	-2.494	-2.392	-2.329
7801	78.00	-2.303	-2.291	-2.246	-2.127	-1.908	-1.592	-1.209	-0.801	-0.408	-0.065
7811	78.10	0.297	0.650	1.052	1.526	2.065	2.629	3.159	3.590	3.882	4.022
7821	78.20	4.031	3.945	3.798	3.608	3.373	3.077	2.713	2.293	1.852	1.442
7831	78.30	1.112	0.887	0.760	0.694	0.635	0.535	0.365	0.119	-0.186	-0.528
7841	78.40	-0.886	-1.245	-1.595	-1.918	-2.192	-2.391	-2.496	-2.510	-2.467	-2.424
7851	78.50	-2.451	-2.600	-2.689	-3.269	-3.725	-4.098	-4.318	-4.326	-4.119	-3.744
7861	78.60	-3.289	-2.865	-2.484	-2.237	-2.086	-1.979	-1.855	-1.665	-1.395	-1.069
7871	78.70	-0.737	-0.449	-0.241	-0.114	-0.040	0.022	0.109	0.236	0.394	0.559
7881	78.80	0.706	0.830	0.965	1.080	1.262	1.502	1.782	2.065	2.306	2.474
7891	78.90	2.562	2.592	2.600	2.629	2.710	2.854	3.056	3.299	3.556	3.797
7901	79.00	3.988	4.093	4.079	3.923	3.623	3.198	2.685	2.130	1.567	1.015
7911	79.10	0.476	-0.056	-0.570	-1.049	-1.450	-1.725	-1.842	-1.797	-1.621	-1.372
7921	79.20	-1.111	-0.885	-0.714	-0.594	-0.507	-0.435	-0.373	-0.328	-0.306	-0.311
7931	79.30	-0.330	-0.346	-0.344	-0.319	-0.284	-0.265	-0.283	-0.348	-0.451	-0.571
7941	79.40	-0.686	-0.787	-0.884	-0.998	-1.151	-1.350	-1.582	-1.818	-2.022	-2.173
7951	79.50	-2.268	-2.325	-2.370	-2.425	-2.497	-2.579	-2.655	-2.708	-2.736	-2.745
7961	79.60	-2.748	-2.758	-2.777	-2.802	-2.822	-2.831	-2.826	-2.808	-2.777	-2.724
7971	79.70	-2.637	-2.499	-2.298	-2.057	-1.733	-1.413	-1.106	-0.824	-0.576	-0.369
7981	79.80	-0.125	0.110	0.364	0.636	0.922	1.221	1.529	1.846	2.167	2.477
7991	79.90	2.762	3.006	3.208	3.385	3.569	3.794	4.084	4.440	4.832	5.212

Table 7—28—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	5.528	5.744	5.869	5.863	5.822	5.764	5.715	5.682	5.656	5.621
8011	80.10	5.565	5.485	5.386	5.275	5.150	5.011	4.850	4.661	4.448	4.224
8021	80.20	4.001	3.799	3.607	3.413	3.194	2.930	2.612	2.250	1.869	1.495
8031	80.30	1.148	0.833	0.537	0.242	-0.068	-0.398	-0.739	-1.073	-1.386	-1.677
8041	80.40	-1.957	-2.248	-2.575	-2.950	-3.372	-3.822	-4.275	-4.703	-5.091	-5.437
8051	80.50	-5.747	-6.038	-6.323	-6.613	-6.911	-7.210	-7.500	-7.759	-7.966	-8.098
8061	80.60	-8.140	-8.085	-7.938	-7.714	-7.429	-7.097	-6.724	-6.307	-5.868	-5.354
8071	80.70	-4.867	-4.359	-3.918	-3.538	-3.203	-2.893	-2.493	-2.019	-1.438	-0.780
8081	80.80	-0.107	0.506	1.000	1.355	1.595	1.775	1.956	2.181	2.466	2.789
8091	80.90	3.133	3.475	3.813	4.155	4.507	4.856	5.168	5.392	5.484	5.428
8101	81.00	5.244	4.983	4.709	4.471	4.291	4.156	4.039	3.918	3.791	3.676
8111	81.10	3.599	3.575	3.585	3.585	3.518	3.342	3.049	2.677	2.290	1.959
8121	81.20	1.729	1.605	1.556	1.533	1.490	1.404	1.274	1.116	0.944	0.768
8131	81.30	0.586	0.397	0.210	0.040	-0.093	-0.187	-0.264	-0.374	-0.575	-0.910
8141	81.40	-1.380	-1.937	-2.493	-2.953	-3.252	-3.378	-3.371	-3.309	-3.266	-3.286
8151	81.50	-3.365	-3.463	-3.532	-3.539	-3.489	-3.420	-3.381	-3.405	-3.489	-3.595
8161	81.60	-3.663	-3.637	-3.492	-3.246	-2.939	-2.636	-2.381	-2.195	-2.066	-1.968
8171	81.70	-1.868	-1.748	-1.606	-1.450	-1.291	-1.136	-0.975	-0.795	-0.581	-0.326
8181	81.80	-0.041	0.251	0.519	0.733	0.878	0.955	0.990	1.023	1.093	1.248
8191	81.90	1.481	1.773	2.071	2.306	2.417	2.371	2.177	1.887	1.577	1.323
8201	82.00	1.174	1.133	1.165	1.214	1.227	1.179	1.085	0.985	0.928	0.946
8211	82.10	1.038	1.171	1.292	1.356	1.333	1.232	1.080	0.914	0.764	0.642
8221	82.20	0.542	0.454	0.364	0.274	0.191	0.129	0.097	0.098	0.122	0.155
8231	82.30	0.185	0.202	0.202	0.183	0.145	0.089	0.015	-0.072	-0.165	-0.247
8241	82.40	-0.313	-0.357	-0.378	-0.386	-0.388	-0.392	-0.399	-0.405	-0.403	-0.389
8251	82.50	-0.357	-0.304	-0.225	-0.116	0.024	0.191	0.375	0.559	0.728	0.876
8261	82.60	1.012	1.157	1.333	1.548	1.787	2.010	2.162	2.201	2.112	1.923
8271	82.70	1.694	1.490	1.355	1.288	1.239	1.133	0.902	0.522	0.026	-0.507
8281	82.80	-0.977	-1.310	-1.682	-1.531	-1.535	-1.575	-1.705	-1.927	-2.195	-2.439
8291	82.90	-2.595	-2.632	-2.562	-2.432	-2.300	-2.220	-2.219	-2.297	-2.432	-2.589
8301	83.00	-2.732	-2.831	-2.867	-2.831	-2.725	-2.566	-2.377	-2.185	-2.008	-1.850
8311	83.10	-1.696	-1.519	-1.294	-1.011	-0.684	-0.352	-0.061	0.150	0.270	0.325
8321	83.20	0.365	0.450	0.620	0.883	1.207	1.539	1.821	2.018	2.126	2.173
8331	83.30	2.206	2.269	2.383	2.545	2.728	2.893	3.008	3.056	3.042	2.985
8341	83.40	2.910	2.839	2.790	2.765	2.762	2.773	2.790	2.803	2.805	2.790
8351	83.50	2.753	2.692	2.610	2.512	2.408	2.307	2.219	2.147	2.091	2.046
8361	83.60	2.002	1.953	1.893	1.823	1.748	1.678	1.625	1.594	1.584	1.581
8371	83.70	1.568	1.521	1.424	1.273	1.075	0.848	0.612	0.375	0.126	-0.151
8381	83.80	-0.485	-0.891	-1.362	-1.863	-2.336	-2.717	-2.960	-3.057	-3.037	-2.965
8391	83.90	-2.913	-2.939	-3.059	-3.249	-3.450	-3.594	-3.627	-3.533	-3.331	-3.071
8401	84.00	-2.810	-2.594	-2.439	-2.339	-2.268	-2.199	-2.116	-2.016	-1.912	-1.817
8411	84.10	-1.740	-1.680	-1.625	-1.561	-1.477	-1.371	-1.250	-1.123	-1.000	-0.881
8421	84.20	-0.758	-0.619	-0.449	-0.238	0.015	0.306	0.614	0.929	1.230	1.503
8431	84.30	1.734	1.920	2.058	2.156	2.222	2.269	2.305	2.355	2.355	2.354
8441	84.40	2.321	2.244	2.118	1.946	1.740	1.515	1.286	1.066	0.861	0.674
8451	84.50	0.499	0.330	0.154	-0.037	-0.253	-0.495	-0.759	-1.029	-1.282	-1.494
8461	84.60	-1.647	-1.738	-1.786	-1.813	-1.859	-1.946	-2.074	-2.221	-2.344	-2.397
8471	84.70	-2.348	-2.196	-1.966	-1.709	-1.486	-1.326	-1.244	-1.215	-1.199	-1.159
8481	84.80	-1.073	-0.967	-0.809	-0.695	-0.628	-0.614	-0.636	-0.657	-0.652	-0.606
8491	84.90	-0.521	-0.415	-0.306	-0.204	-0.106	0.002	0.128	0.269	0.406	0.505

Table 7—28—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1121 106-GR-1-51 TR. (HA.) SOUKA BRIDGE MAX. ACC. = -69.181 (GAL) T= 10.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.535	0.478	0.341	0.154	-0.040	-0.205	-0.318	-0.381	-0.411	-0.433
8511	85.10	-0.466	-0.513	-0.569	-0.622	-0.666	-0.705	-0.748	-0.804	-0.875	-0.950
8521	85.20	-1.009	-1.030	-1.004	-0.933	-0.833	-0.723	-0.618	-0.517	-0.414	-0.296
8531	85.30	-0.164	-0.035	0.063	0.094	0.061	-0.090	-0.263	-0.425	-0.524	-0.526
8541	85.40	-0.430	-0.260	-0.055	0.150	0.339	0.518	0.705	0.916	1.152	1.394
8551	85.50	1.608	1.762	1.840	1.848	1.810	1.761	1.723	1.706	1.695	1.676
8561	85.60	1.632	1.561	1.477	1.403	1.358	1.351	1.377	1.417	1.452	1.470
8571	85.70	1.470	1.457	1.443	1.429	1.413	1.385	1.335	1.262	1.172	1.080
8581	85.80	1.001	0.942	0.902	0.872	0.838	0.791	0.730	0.662	0.592	0.540
8591	85.90	0.498	0.465	0.432	0.390	0.336	0.272	0.204	0.143	0.094	0.062
8601	86.00	0.063	0.032	0.024	0.013	-0.005	-0.028	-0.054	-0.079	-0.103	-0.123
8611	86.10	-0.144	-0.169	-0.201	-0.241	-0.289	-0.338	-0.383	-0.421	-0.454	-0.486
8621	86.20	-0.520	-0.557	-0.592	-0.617	-0.623	-0.606	-0.574	-0.541	-0.525	-0.535
8631	86.30	-0.568	-0.607	-0.626	-0.603	-0.532	-0.429	-0.324	-0.254	-0.244	-0.299
8641	86.40	-0.399	-0.512	-0.605	-0.659	-0.672	-0.660	-0.637	-0.612	-0.574	-0.500
8651	86.50	-0.364	-0.148	0.142	0.481	0.829	1.141	1.382	1.535	1.600	1.592
8661	86.60	1.535	1.455	1.375	1.308	1.256	1.205	1.128	0.993	0.773	0.458
8671	86.70	0.067	-0.355	-0.747	-1.056	-1.253	-1.343	-1.366	-1.373	-1.406	-1.475
8681	86.80	-1.557	-1.607	-1.582	-1.464	-1.274	-1.061	-0.882	-0.772	-0.724	-0.689
8691	86.90	-0.595	-0.380	-0.018	0.462	0.988	1.473	1.843	2.067	2.159	2.165
8701	87.00	2.143	2.130	2.138	2.151	2.144	2.102	2.030	1.951	1.898	1.890
8711	87.10	1.926	1.981	2.016	1.996	1.902	1.739	1.527	1.297	1.072	0.863
8721	87.20	0.672	0.495	0.329	0.179	0.050	-0.053	-0.132	-0.200	-0.271	-0.356
8731	87.30	-0.461	-0.578	-0.697	-0.810	-0.916	-1.021	-1.137	-1.268	-1.411	-1.550
8741	87.40	-1.663	-1.732	-1.754	-1.735	-1.697	-1.660	-1.638	-1.636	-1.649	-1.671
8751	87.50	-1.696	-1.722	-1.749	-1.723	-1.684	-1.668	-1.719	-1.800	-1.953	-1.490
8761	87.60	-1.480	-1.540	-1.659	-1.804	-1.928	-1.995	-1.986	-1.910	-1.794	-1.664
8771	87.70	-1.530	-1.375	-1.167	-0.872	-0.476	0.004	0.516	0.995	1.383	1.663
8781	87.80	1.786	1.843	1.860	1.873	1.899	1.926	1.934	1.905	1.834	1.736
8791	87.90	1.637	1.555	1.493	1.429	1.325	1.143	0.861	0.489	0.067	-0.344
8801	88.00	-0.687	-0.923	-1.047	-1.089	-1.095	-1.114	-1.176	-1.286	-1.423	-1.557
8811	88.10	-1.661	-1.724	-1.752	-1.764	-1.781	-1.815	-1.862	-1.911	-1.968	-1.955
8821	88.20	-1.936	-1.891	-1.824	-1.739	-1.632	-1.503	-1.357	-1.205	-1.060	-0.929
8831	88.30	-0.804	-0.661	-0.487	-0.198	0.144	0.526	0.887	1.158	1.285	1.256
8841	88.40	1.101	0.881	0.670	0.523	0.485	0.488	0.561	0.653	0.761	0.818
8851	88.50	0.883	0.937	0.972	0.979	0.951	0.895	0.833	0.801	0.825	0.917
8861	88.60	1.061	1.219	1.348	1.418	1.420	1.381	1.302	1.239	1.198	1.172
8871	88.70	1.141	1.087	1.000	0.886	0.757	0.639	0.544	0.472	0.411	0.363
8881	88.80	0.248	0.111	-0.075	-0.367	-0.578	-0.871	-1.168	-1.446	-1.685	-1.873
8891	88.90	-2.013	-2.121	-2.224	-2.350	-2.517	-2.726	-2.956	-3.172	-3.338	-3.427
8901	89.00	-3.435	-3.379	-3.293	-3.216	-3.168	-3.161	-3.181	-3.203	-3.208	-3.188
8911	89.10	-3.149	-3.108	-3.081	-3.066	-3.037	-2.984	-2.813	-2.571	-2.258	-1.903
8921	89.20	-1.563	-1.264	-1.005	-0.756	-0.474	-0.131	0.267	0.681	1.057	1.357
8931	89.30	1.586	1.740	2.002	2.287	2.622	2.944	3.166	3.230	3.181	2.976
8941	89.40	2.855	2.865	3.036	3.295	3.515	3.580	3.451	3.192	2.943	2.845
8951	89.50	2.960	3.256	3.532	3.695	3.652	3.449	3.234	3.168	3.329	3.659
8961	89.60	3.986	4.120	3.968	3.592	3.190	2.990	3.118	3.522	3.994	4.282
8971	89.70	4.243	3.931	3.577	3.463	3.251	4.372	5.049	5.444	5.356	4.865
8981	89.80	4.308	4.108	4.528	5.494	6.595	7.286	7.198	6.386	5.358	4.854
8991	89.90	5.442	7.151	9.328	10.840	10.563	7.833	2.991	-2.835	-8.046	-11.215

Table 7—29—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-8.367	-4.550	0.757	5.960	9.621	11.955	10.509	8.899	7.242	6.127
11	0.10	5.494	4.824	3.605	1.777	-0.124	-1.227	-0.855	0.992	3.507	5.414
21	0.20	5.623	3.854	0.865	-1.883	-2.991	-1.913	0.653	3.043	3.963	0.979
31	0.30	-3.841	-9.169	-12.665	-12.071	-7.844	-1.454	4.363	7.000	5.615	0.506
41	0.40	-5.166	-8.615	-7.552	-2.858	4.376	10.763	13.551	11.580	5.782	-1.302
51	0.50	-6.720	-8.445	-6.225	-1.561	3.091	5.569	6.683	5.165	-3.319	-6.748
61	0.60	-7.727	-6.017	-2.502	1.360	4.162	5.182	4.548	2.919	1.128	-0.221
71	0.70	-0.941	-1.198	-1.289	-1.431	-1.653	-1.840	-1.858	-1.563	-1.332	-0.999
81	0.80	-0.747	-0.538	-0.221	0.383	1.366	2.647	3.963	4.944	5.245	4.685
91	0.90	3.336	1.569	-0.126	-1.092	-0.914	0.488	2.726	4.991	6.274	5.722
101	1.00	3.014	-1.413	-6.405	-10.436	-12.155	-10.926	-7.126	-2.053	2.551	5.170
111	1.10	5.101	2.697	-0.831	-3.966	-5.530	-5.135	-3.243	-0.843	1.077	1.993
121	1.20	2.016	1.723	1.755	2.421	3.520	4.470	4.658	3.809	2.168	0.392
131	1.30	-0.792	-0.973	-0.287	0.664	1.018	0.266	-1.660	-4.268	-6.662	-8.115
141	1.40	-8.196	-6.988	-4.971	-2.725	-0.669	1.076	2.633	4.173	5.724	7.091
151	1.50	7.934	7.962	7.116	5.637	3.977	2.598	1.758	1.565	1.626	1.318
161	1.60	0.928	0.246	-0.559	-1.272	-1.773	-2.090	-2.346	-2.618	-2.831	-2.750
171	1.70	-2.112	-0.826	0.876	2.462	3.203	2.683	0.879	-1.658	-4.005	-5.259
181	1.80	-4.956	-3.318	-1.182	0.364	0.488	-0.986	-3.472	-5.879	-7.122	-6.625
191	1.90	-4.590	-1.896	0.330	1.255	0.725	-0.682	-1.970	-2.231	-1.107	1.037
201	2.00	3.304	4.713	4.686	3.325	1.352	-0.264	-0.777	-0.019	1.545	3.070
211	2.10	3.754	3.219	1.657	-0.304	-1.940	-2.705	-2.824	-2.438	-2.155	-2.336
221	2.20	-2.981	-3.738	-4.096	-3.666	-2.388	-0.568	1.262	2.589	3.138	2.973
231	2.30	2.431	1.951	1.875	2.322	3.162	4.101	4.814	5.060	4.755	3.977
241	2.40	2.926	1.852	0.381	-0.648	-0.235	0.167	-0.200	-0.986	-2.101	-2.101
251	2.50	-3.236	-3.955	-3.876	-2.858	-1.106	0.862	2.402	2.995	2.470	1.065
261	2.60	-0.868	-2.111	-2.836	-2.765	-2.158	-1.469	-1.011	-0.986	-1.248	-1.517
271	2.70	-1.538	-1.231	-0.725	-0.269	-0.071	-0.177	-0.446	-0.650	-0.630	-0.412
281	2.80	-0.220	-0.355	-1.019	-2.174	-3.514	-4.579	-4.952	-4.446	-3.177	-1.503
291	2.90	0.140	1.423	2.231	2.652	2.878	3.076	3.304	3.518	3.664	3.655
301	3.00	3.602	3.565	3.565	3.502	3.154	2.286	0.795	-1.179	-3.242	-4.864
311	3.10	-5.585	-5.204	-3.871	-2.022	-0.200	1.170	1.933	2.217	2.322	2.531
321	3.20	2.955	3.486	3.868	3.850	3.331	2.618	1.382	0.528	0.060	0.004
331	3.30	0.223	0.510	0.696	0.712	0.601	0.434	0.267	0.005	-0.373	-0.935
341	3.40	-1.622	-2.251	-2.587	-2.526	-1.746	-0.732	0.266	0.872	0.843	0.178
351	3.50	-0.884	-1.566	-2.226	-3.001	-2.869	-2.593	-2.479	-2.223	-3.314	-4.035
361	3.60	-4.569	-4.639	-4.136	-3.155	-1.950	-0.817	0.020	0.481	0.643	0.659
371	3.70	0.699	0.859	1.143	1.479	1.769	1.941	1.978	1.924	1.861	1.877
381	3.80	2.025	2.303	2.640	2.912	2.971	2.702	2.025	1.177	0.210	-0.574
391	3.90	-0.957	-0.854	-0.364	0.258	0.690	0.684	0.173	-0.679	-1.533	-2.003
401	4.00	-1.809	-0.889	0.581	2.247	3.703	4.612	4.785	4.209	3.016	1.444
411	4.10	-0.206	-1.606	-2.451	-2.532	-1.818	-0.521	0.924	1.962	2.117	1.191
421	4.20	-0.613	-2.718	-4.377	-4.959	-4.219	-2.406	-0.180	1.666	2.516	2.192
431	4.30	0.986	-0.481	-1.546	-1.769	-1.090	0.209	1.656	2.813	3.426	3.476
441	4.40	3.126	2.616	2.179	1.996	2.179	2.765	3.681	4.702	5.451	5.475
451	4.50	4.411	2.176	-0.909	-4.159	-6.741	-8.001	-7.753	-6.391	-4.736	-3.666
461	4.60	-3.723	-4.830	-6.318	-7.234	-6.796	-4.787	-1.691	1.499	3.709	4.244
471	4.70	3.076	0.818	-1.578	-3.248	-3.761	-3.224	-2.128	-1.036	-0.280	0.162
481	4.80	0.582	1.298	2.409	3.691	4.677	4.901	4.154	2.630	0.865	-0.481
491	4.90	-0.918	-0.331	0.980	2.467	3.591	4.075	4.007	3.763	3.787	4.332

Table 7—29—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.291	6.205	6.463	5.486	3.187	-0.114	-3.664	-6.560	-8.076	-7.944
511	5.10	-6.448	-4.306	-2.383	-1.337	-1.362	-2.125	-2.936	-3.065	-2.081	-0.059
521	5.20	2.430	4.554	5.563	5.099	3.346	0.939	-1.290	-2.666	-2.812	-1.928
531	5.30	-0.478	0.962	1.846	2.008	1.457	0.391	-0.951	-2.378	-3.744	-4.926
541	5.40	-5.720	-6.107	-5.816	-4.910	-3.589	-2.201	-1.113	-0.546	-0.458	-0.535
551	5.50	-0.321	0.570	2.242	4.423	6.533	7.898	8.028	6.841	4.725	2.411
561	5.60	0.693	0.116	0.754	2.167	3.567	4.329	3.316	1.107	-1.985	-5.098
571	5.70	-7.345	-8.146	-7.441	-5.690	-3.670	-2.155	-1.607	-2.002	-2.876	-3.538
581	5.80	-3.383	-2.138	0.032	2.609	4.942	6.453	6.998	6.508	5.289	3.686
591	5.90	1.996	0.435	-0.848	-1.722	-2.080	-1.894	-1.292	-0.595	-0.266	-0.631
601	6.00	-1.864	-3.651	-5.318	-6.056	-5.255	-2.849	0.594	4.019	6.285	6.639
611	6.10	5.068	2.236	-0.592	-2.246	-2.038	-0.043	2.942	5.749	7.311	7.059
621	6.20	5.099	2.107	-0.975	-3.296	-4.358	-4.139	-3.005	-1.552	-0.413	-0.090
631	6.30	-0.847	-2.644	-5.122	-7.652	-9.461	-9.846	-8.420	-5.308	-1.193	2.854
641	6.40	5.712	6.622	5.494	2.988	0.179	-1.662	-1.756	-0.012	2.931	5.979
651	6.50	8.019	8.333	6.812	3.921	0.448	-2.816	-5.327	-6.878	-7.533	-7.486
661	6.60	-6.935	-6.032	-4.911	-3.727	-2.655	-1.828	-1.249	-0.747	-0.024	1.194
671	6.70	2.980	5.103	7.062	8.295	8.410	7.442	5.825	4.240	3.298	3.247
681	6.80	3.868	4.483	4.460	3.355	1.232	-1.370	-3.680	-5.035	-5.163	-4.266
691	6.90	-2.873	-1.584	-0.781	-0.519	-0.579	-0.659	-0.567	-0.296	0.032	0.321
701	7.00	0.626	1.151	2.108	3.505	5.009	5.984	5.737	3.860	0.504	-3.569
711	7.10	-7.224	-9.387	-9.695	-7.738	-4.996	-2.461	-1.146	-1.469	-3.120	-5.234
721	7.20	-6.791	-7.048	-5.817	-3.475	-0.751	1.601	3.092	3.621	3.429	2.933
731	7.30	2.532	2.484	2.863	3.591	4.503	5.387	6.024	6.213	5.819	4.820
741	7.40	3.345	1.665	0.112	-1.028	-1.616	-1.709	-1.510	-1.269	-1.170	-1.265
751	7.50	-1.695	-1.760	-1.998	-2.216	-2.469	-2.683	-2.795	-2.572	-1.813	-0.475
761	7.60	1.251	2.853	3.850	3.819	2.702	0.850	-1.080	-2.382	-2.583	-1.644
771	7.70	0.028	1.748	2.827	2.837	1.758	-0.039	-1.957	-3.396	-3.961	-3.586
781	7.80	-2.533	-1.302	-0.467	-0.493	-1.571	-3.519	-5.793	-7.621	-8.243	-7.196
791	7.90	-4.529	-0.853	2.835	5.497	6.457	5.674	3.270	1.763	0.628	0.870
801	8.00	2.310	4.189	5.535	5.625	4.320	2.105	-0.155	-1.640	-1.934	-1.167
811	8.10	0.125	1.326	2.059	2.334	2.453	2.748	3.326	3.971	4.276	3.915
821	8.20	2.891	1.598	0.632	0.451	1.072	1.996	2.432	1.723	-0.238	-2.838
831	8.30	-4.953	-5.434	-3.670	0.070	4.691	8.718	10.919	10.818	8.841	6.050
841	8.40	3.594	2.161	1.698	1.330	0.790	-1.073	-3.968	-7.177	-9.705	-10.761
851	8.50	-10.132	-8.267	-6.034	-4.302	-3.551	-3.702	-4.236	-4.509	-4.102	-3.011
861	8.60	-1.620	-0.473	0.004	-0.299	-1.166	-2.192	-2.990	-3.347	-3.263	-2.867
871	8.70	-2.292	-1.584	-0.709	0.373	1.611	2.817	3.722	4.092	3.869	3.127
881	8.80	2.230	1.503	1.182	1.307	1.725	2.178	2.435	2.378	2.036	1.532
891	8.90	0.997	0.507	0.057	-0.405	-0.930	-1.520	-2.128	-2.684	-3.126	-3.618
901	9.00	-3.554	-3.524	-3.303	-2.860	-2.193	-1.365	-0.515	0.179	0.571	0.616
911	9.10	0.413	0.164	0.088	0.311	0.787	1.307	1.581	1.380	0.654	-0.411
921	9.20	-1.444	-2.018	-1.813	-0.739	1.026	3.099	5.029	6.442	7.157	7.211
931	9.30	6.809	6.219	5.655	5.201	4.799	4.298	3.541	2.652	1.084	-0.391
941	9.40	-1.745	-2.778	-3.391	-3.621	-3.609	-3.536	-3.549	-3.710	-3.997	-4.333
951	9.50	-4.664	-4.886	-5.033	-5.067	-4.926	-4.517	-3.765	-2.682	-1.422	-0.265
961	9.60	0.475	0.602	0.165	-0.510	-0.926	-0.624	0.575	2.428	4.311	5.441
971	9.70	5.210	3.667	0.636	-2.423	-4.737	-5.609	-4.901	-3.071	-0.967	0.535
981	9.80	0.903	0.142	-1.242	-2.488	-2.931	-2.226	-0.557	1.558	3.452	4.578
991	9.90	4.693	3.898	2.547	1.089	-0.099	-0.814	-1.045	-0.931	-0.680	-0.485

Table 7—29—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.469	-0.653	-0.964	-1.264	-1.407	-1.302	-0.957	-0.501	-0.151	-0.130
1011	10.10	-0.575	-1.462	-2.575	-3.566	-4.055	-3.768	-2.661	-0.859	1.185	3.004
1021	10.20	4.162	4.408	3.750	2.454	0.956	-0.271	-0.871	-0.716	0.054	1.098
1031	10.30	2.008	2.483	2.458	2.135	1.894	2.111	2.964	4.311	5.707	6.564
1041	10.40	6.391	5.002	2.615	-0.229	-2.866	-4.757	-5.660	-5.662	-5.074	-4.251
1051	10.50	-3.439	-2.715	-2.030	-1.316	-0.557	0.180	0.823	1.365	1.894	2.523
1061	10.60	3.267	3.927	4.089	3.273	1.196	-1.986	-5.576	-8.486	-9.594	-8.195
1071	10.70	-4.336	1.124	6.769	11.117	13.138	12.602	10.109	6.803	3.909	2.289
1081	10.80	2.182	3.211	4.620	5.609	5.618	4.475	2.372	-0.269	-2.962	-5.281
1091	10.90	-6.926	-7.738	-7.685	-6.856	-5.505	-3.929	-2.511	-1.582	-1.329	-1.742
1101	11.00	-2.623	-3.666	-4.580	-5.188	-5.469	-5.518	-5.445	-5.282	-4.931	-4.205
1111	11.10	-2.930	-1.080	1.155	3.381	5.136	6.075	6.142	5.629	5.097	5.147
1121	11.20	6.157	8.063	10.317	12.063	12.350	10.688	7.096	2.231	-2.836	-6.994
1131	11.30	-9.469	-10.061	-9.144	-7.531	-5.662	-4.202	-3.135	-2.164	-0.964	0.574
1141	11.40	2.211	3.639	3.715	2.749	0.685	-1.906	-4.236	-5.602	-5.656	-4.657
1151	11.50	-2.506	-0.404	1.307	2.328	2.619	2.314	1.600	0.636	-0.458	-1.562
1161	11.60	-2.522	-3.162	-3.352	-3.091	-2.545	-1.990	-1.697	-1.785	-2.150	-2.508
1171	11.70	-2.541	-2.079	-1.214	-0.289	0.260	0.122	-0.711	-1.904	-2.903	-3.172
1181	11.80	-2.431	-0.794	1.268	3.110	4.163	4.139	3.110	1.444	-0.359	-1.855
1191	11.90	-2.783	-3.103	-2.935	-2.456	-1.806	-1.037	-0.120	1.011	2.394	3.988
1201	12.00	5.653	7.165	8.257	8.683	8.283	7.032	5.056	2.618	0.058	-2.274
1211	12.10	-4.084	-5.178	-5.470	-4.977	-3.801	-2.129	-0.233	1.546	2.834	3.311
1221	12.20	2.813	1.412	-0.565	-2.610	-4.192	-4.929	-4.721	-3.759	-2.437	-1.165
1231	12.30	-0.206	0.425	0.903	1.476	2.289	3.280	4.196	4.722	4.665	4.087
1241	12.40	3.329	2.879	3.146	4.245	5.885	7.421	8.079	7.245	4.722	0.848
1251	12.50	-3.596	-7.613	-10.342	-11.309	-10.577	-8.683	-6.428	-4.576	-3.609	-3.590
1261	12.60	-4.206	-4.934	-5.293	-5.016	-4.131	-2.920	-1.738	-0.852	-0.326	-0.019
1271	12.70	0.320	0.899	1.779	2.843	3.870	4.651	5.103	5.301	5.416	5.604
1281	12.80	5.903	6.195	6.261	5.894	5.018	3.727	2.242	0.801	-0.450	-1.512
1291	12.90	-2.482	-3.440	-4.338	-4.957	-4.970	-4.095	-2.260	0.309	3.115	5.543
1301	13.00	7.063	7.396	6.571	4.881	2.725	0.466	-1.658	-3.544	-5.167	-6.507
1311	13.10	-7.514	-8.120	-8.279	-8.006	-7.375	-6.475	-5.356	-3.998	-2.337	-0.335
1321	13.20	1.938	4.271	6.339	7.807	8.443	8.216	7.299	6.008	4.687	3.593
1331	13.30	2.840	2.400	2.151	1.945	1.649	1.168	0.439	-0.565	-1.820	-3.230
1341	13.40	-4.625	-5.779	-6.475	-6.583	-6.110	-5.205	-4.104	-3.038	-2.152	-1.467
1351	13.50	-0.904	-0.362	0.209	0.762	1.168	1.277	0.998	0.350	-0.519	-1.374
1361	13.60	-1.949	-2.017	-1.436	-0.177	1.638	3.752	5.779	7.263	7.770	7.013
1371	13.70	4.955	1.865	-1.722	-5.157	-7.805	-9.262	-9.412	-8.412	-6.596	-4.338
1381	13.80	-1.952	0.349	2.423	4.160	5.455	6.227	6.475	6.314	5.973	5.718
1391	13.90	5.739	6.065	6.526	6.842	6.737	6.070	4.904	3.466	2.033	0.799
1401	14.00	-0.206	-1.107	-2.089	-3.277	-4.643	-6.003	-7.088	-7.660	-7.607	-6.977
1411	14.10	-5.946	-4.748	-3.596	-2.653	-2.017	-1.742	-1.835	-2.245	-2.851	-3.466
1421	14.20	-3.885	-3.967	-3.697	-3.214	-2.749	-2.519	-2.616	-2.951	-3.302	-3.428
1431	14.30	-3.200	-2.670	-2.028	-1.469	-1.043	-0.576	0.264	1.787	4.065	6.801
1441	14.40	9.367	11.025	11.230	9.886	7.427	4.657	2.442	1.365	1.509	2.461
1451	14.50	3.522	4.021	3.592	2.286	0.502	-1.206	-2.373	-2.775	-2.457	-1.663
1461	14.60	-0.706	0.127	0.635	0.699	0.279	-0.583	-1.739	-2.924	-3.794	-4.013
1471	14.70	-3.380	-1.927	0.061	2.131	3.824	4.842	5.151	4.959	4.597	4.343
1481	14.80	4.295	4.354	4.198	3.630	2.509	0.923	-0.867	-2.528	-3.787	-4.522
1491	14.90	-4.780	-4.737	-4.614	-4.594	-4.773	-5.146	-5.612	-6.004	-6.123	-5.780

Table 7—29—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-4.848	-3.319	-1.339	0.794	2.693	3.981	4.409	3.939	2.752	1.187
1511	15.10	-0.380	-1.657	-2.511	-2.969	-3.148	-3.172	-3.086	-2.845	-2.351	-1.534
1521	15.20	-0.416	0.862	2.072	2.987	3.469	3.530	3.335	3.135	3.161	3.536
1531	15.30	4.201	4.940	5.487	5.504	4.999	4.079	3.067	2.354	2.229	2.733
1541	15.40	3.810	4.369	4.463	3.517	1.498	-1.239	-4.050	-6.240	-7.313	-7.151
1551	15.50	-6.033	-4.499	-3.117	-2.255	-1.973	-2.058	-2.182	-2.103	-1.787	-1.410
1561	15.60	-1.245	-1.490	-2.147	-3.012	-3.778	-4.192	-4.186	-3.902	-3.591	-3.463
1571	15.70	-3.546	-3.655	-3.482	-2.777	-1.507	0.083	1.546	2.429	2.484	1.796
1581	15.80	0.754	-0.108	-0.352	0.181	1.308	2.605	3.603	3.999	3.772	3.161
1591	15.90	2.519	2.131	2.075	2.200	2.226	1.908	1.182	0.221	-0.623	-0.978
1601	16.00	-0.616	0.430	1.858	3.200	3.985	3.902	2.896	1.176	-0.870	-2.797
1611	16.10	-4.233	-4.961	-4.941	-4.282	-3.178	-1.842	-0.445	0.910	2.195	3.437
1621	16.20	4.681	5.947	7.195	8.298	9.057	9.238	8.648	7.206	5.004	2.316
1631	16.30	-0.453	-2.858	-4.539	-5.318	-5.240	-4.549	-3.590	-2.687	-2.035	-1.651
1641	16.40	-1.391	-1.033	-0.390	0.600	1.835	3.071	4.009	4.395	4.107	3.197
1651	16.50	1.874	0.468	-0.758	-1.485	-1.589	-1.071	-0.061	1.211	2.462	3.406
1661	16.60	3.809	3.536	2.570	1.026	-0.885	-2.903	-4.784	-6.353	-7.532	-8.336
1671	16.70	-8.822	-9.078	-9.108	-8.899	-8.401	-7.578	-6.453	-5.118	-3.725	-2.433
1681	16.80	-1.359	-0.569	0.026	0.430	0.716	0.884	0.884	0.642	0.122	-0.636
1691	16.90	-1.505	-2.306	-2.886	-3.177	-3.229	-3.180	-3.173	-3.264	-3.359	-3.225
1701	17.00	-2.576	-1.204	0.901	3.502	6.162	8.380	9.762	10.156	9.695	8.729
1711	17.10	7.677	6.861	6.389	6.144	5.866	5.277	4.234	2.774	1.108	-0.477
1721	17.20	-1.722	-2.488	-2.775	-2.691	-2.382	-1.972	-1.532	-1.095	-0.684	-0.337
1731	17.30	-0.106	-0.034	-0.114	-0.283	-0.435	-0.472	-0.354	-0.125	0.114	0.262
1741	17.40	0.287	0.270	0.384	0.816	1.666	2.860	4.152	5.122	5.564	5.111
1751	17.50	3.823	1.927	-0.213	-2.230	-3.870	-5.044	-5.812	-6.301	-6.614	-6.769
1761	17.60	-6.701	-6.311	-5.566	-4.445	-3.156	-1.882	-0.818	-0.085	0.302	0.416
1771	17.70	0.373	0.281	0.206	0.169	0.163	0.182	0.237	0.348	0.541	0.820
1781	17.80	1.170	1.556	1.945	2.309	2.632	2.903	3.105	3.215	3.214	3.099
1791	17.90	2.898	2.682	2.450	2.303	2.229	2.196	2.152	2.052	1.872	1.614
1801	18.00	1.281	0.870	0.356	-0.280	-1.017	-1.766	-2.373	-2.665	-2.524	-1.975
1811	18.10	-1.192	-0.456	-0.037	-0.086	-0.533	-1.122	-1.521	-1.493	-1.037	-0.618
1821	18.20	-0.062	-0.360	-1.447	-3.092	-4.739	-5.716	-5.513	-4.017	-1.590	1.048
1831	18.30	3.090	3.949	3.674	1.980	0.094	-1.516	-2.402	-2.480	-2.005	-1.405
1841	18.40	-1.066	-1.162	-1.606	-2.123	-2.408	-2.266	-1.685	-0.834	0.051	0.771
1851	18.50	1.240	1.493	1.648	1.822	2.081	2.418	2.778	3.099	3.348	3.534
1861	18.60	3.691	3.850	4.015	4.162	4.251	4.247	4.161	3.953	3.721	3.485
1871	18.70	3.272	3.082	2.894	2.667	2.352	1.897	1.257	0.406	-0.654	-1.879
1881	18.80	-3.187	-4.462	-5.525	-6.412	-6.894	-6.997	-6.750	-6.227	-5.526	-4.766
1891	18.90	-3.963	-3.216	-2.502	-1.785	-1.021	-0.188	0.683	1.503	2.132	2.427
1901	19.00	2.290	1.720	0.825	-0.206	-1.160	-1.876	-2.304	-2.496	-2.575	-2.673
1911	19.10	-2.853	-3.082	-3.255	-3.252	-3.007	-2.561	-1.954	-1.374	-0.888	-0.504
1921	19.20	-0.154	0.252	0.765	1.346	1.870	2.184	2.176	1.845	1.360	0.730
1931	19.30	0.313	0.140	0.189	0.344	0.464	0.456	0.319	0.132	0.007	0.032
1941	19.40	0.224	0.539	0.904	1.266	1.616	1.978	2.373	2.781	3.121	3.281
1951	19.50	3.169	2.767	2.156	1.490	0.935	0.604	0.514	0.589	0.710	0.774
1961	19.60	0.760	0.630	0.496	0.372	0.246	0.065	-0.221	-0.607	-1.005	-1.261
1971	19.70	-1.206	-0.736	0.142	1.296	2.518	3.590	4.352	4.754	4.801	4.561
1981	19.80	4.099	3.456	2.864	1.742	0.830	-0.023	-0.680	-1.067	-1.184	-1.111
1991	19.90	-0.982	-0.925	-1.023	-1.280	-1.636	-1.999	-2.287	-2.455	-2.497	-2.430

Table 7—29—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.273	-2.037	-1.725	-1.340	-0.896	-0.435	0.126	0.712	1.374	2.117
2011	20.10	2.895	3.593	4.060	4.061	3.555	2.550	1.228	-0.129	-1.228	-1.870
2021	20.20	-2.017	-1.799	-1.441	-1.163	-1.085	-1.195	-1.372	-1.475	-1.419	-1.226
2031	20.30	-1.008	-0.893	-0.956	-1.165	-1.602	-1.533	-1.485	-1.321	-1.214	-1.381
2041	20.40	-1.976	-2.996	-4.256	-5.438	-6.211	-6.367	-5.812	-4.770	-3.521	-2.383
2051	20.50	-1.587	-1.206	-1.159	-1.265	-1.326	-1.206	-0.867	-0.366	0.181	0.656
2061	20.60	0.981	1.160	1.174	1.159	1.167	1.241	1.382	1.553	1.701	1.789
2071	20.70	1.815	1.828	1.907	2.129	2.539	3.115	3.772	4.384	4.821	4.996
2081	20.80	4.878	4.693	3.901	3.164	2.338	1.478	0.653	-0.041	-0.493	-0.623
2091	20.90	-0.429	-0.018	0.406	0.612	0.449	-0.074	-0.754	-1.256	-1.245	-0.539
2101	21.00	0.790	2.412	3.854	4.678	4.650	3.832	2.540	1.197	0.164	-0.495
2111	21.10	-0.855	-1.229	-1.914	-3.044	-4.518	-6.036	-7.217	-7.782	-7.638	-6.911
2121	21.20	-5.862	-4.761	-3.772	-2.913	-2.087	-1.169	-0.108	1.037	2.104	2.903
2131	21.30	3.291	3.225	2.762	2.019	1.115	0.129	-0.903	-1.955	-2.985	-3.896
2141	21.40	-4.554	-4.824	-4.627	-3.970	-2.958	-1.761	-0.560	0.501	1.352	1.990
2151	21.50	2.457	2.797	3.026	3.122	3.044	2.768	2.321	1.808	1.396	1.271
2161	21.60	1.571	2.319	3.588	4.513	5.363	5.646	5.211	4.111	2.596	1.031
2171	21.70	-0.228	-0.951	-1.105	-0.835	-0.387	0.004	0.213	0.252	0.235	0.299
2181	21.80	0.523	0.885	1.281	1.587	1.725	1.705	1.611	1.544	1.564	1.650
2191	21.90	1.711	1.635	1.355	0.876	0.274	-0.353	-0.945	-1.512	-2.124	-2.859
2201	22.00	-3.737	-4.687	-5.553	-6.151	-6.344	-6.098	-5.496	-4.702	-3.895	-3.207
2211	22.10	-2.693	-2.360	-2.101	-1.927	-1.785	-1.642	-1.454	-1.153	-0.676	0.003
2221	22.20	0.823	1.636	2.239	2.450	2.189	1.528	0.676	-0.093	-0.562	-0.564
2231	22.30	-0.219	0.303	0.769	1.005	0.961	0.726	0.475	0.384	0.558	0.992
2241	22.40	1.584	2.189	2.681	2.997	3.151	3.211	3.261	3.359	3.516	3.695
2251	22.50	3.824	3.824	3.629	3.211	2.585	1.808	0.968	0.140	-0.535	-1.075
2261	22.60	-1.466	-1.748	-1.980	-2.199	-2.406	-2.559	-2.592	-2.451	-2.127	-1.674
2271	22.70	-1.200	-0.823	-0.637	-0.666	-0.864	-1.130	-1.356	-1.456	-1.416	-1.272
2281	22.80	-1.098	-0.965	-0.916	-0.942	-1.010	-1.067	-1.069	-1.002	-0.882	-0.740
2291	22.90	-0.616	-0.536	-0.512	-0.538	-0.592	-0.649	-0.585	-0.682	-0.634	-0.550
2301	23.00	-0.447	-0.368	-0.273	-0.223	-0.188	-0.144	-0.073	0.032	0.153	0.256
2311	23.10	0.313	0.315	0.294	0.318	0.464	0.790	1.299	1.923	2.536	2.994
2321	23.20	3.171	3.006	2.513	1.769	0.885	-0.027	-0.879	-1.613	-2.188	-2.569
2331	23.30	-2.722	-2.619	-2.251	-1.643	-0.853	0.039	0.950	1.813	2.580	3.214
2341	23.40	3.675	3.916	3.892	3.585	3.031	2.330	1.628	1.068	0.742	0.648
2351	23.50	0.692	0.733	0.647	0.392	0.031	-0.301	-0.459	-0.367	-0.060	0.323
2361	23.60	0.602	0.639	0.400	-0.031	-0.496	-0.842	-0.995	-0.986	-0.925	-0.932
2371	23.70	-1.067	-1.286	-1.467	-1.477	-1.247	-0.825	-0.367	-0.069	-0.078	-0.418
2381	23.80	-0.968	-1.510	-1.820	-1.758	-1.320	-0.634	0.104	0.720	1.127	1.353
2391	23.90	1.507	1.718	2.061	2.518	2.982	3.295	3.315	2.972	2.289	1.372
2401	24.00	0.171	-0.575	-1.373	-2.001	-2.486	-2.881	-3.225	-3.517	-3.719	-3.771
2411	24.10	-3.630	-3.292	-2.812	-2.282	-1.805	-1.451	-1.236	-1.117	-1.024	-0.893
2421	24.20	-0.703	-0.481	-0.286	-0.163	-0.116	-0.089	0.007	0.247	0.653	1.167
2431	24.30	1.675	2.063	2.276	2.355	2.421	2.621	3.041	3.647	4.277	4.698
2441	24.40	4.653	4.050	2.924	1.469	-0.033	-1.310	-2.184	-2.809	-3.260	-3.478
2451	24.50	-2.216	-1.990	-1.868	-1.875	-2.016	-2.278	-2.629	-3.015	-3.352	-3.551
2461	24.60	-3.540	-3.298	-2.865	-2.337	-1.829	-1.439	-1.214	-1.148	-1.189	-1.269
2471	24.70	-1.321	-1.293	-1.144	-0.869	-0.397	0.197	0.874	1.538	2.073	2.376
2481	24.80	2.401	2.174	1.791	1.379	1.048	0.858	0.805	0.847	0.962	1.078
2491	24.90	1.278	1.573	1.970	2.424	2.839	3.111	3.172	3.034	2.785	2.555

Table 7—29—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	2.447	2.494	2.660	2.775	2.786	2.631	2.369	2.038	1.802	1.686
2511	25.10	1.659	1.580	1.354	0.888	0.191	-0.650	-1.503	-2.253	-2.842	-3.273
2521	25.20	-3.588	-3.828	-4.007	-4.114	-4.132	-4.065	-3.946	-3.816	-3.694	-3.549
2531	25.30	-3.305	-2.684	-2.263	-1.518	-0.827	-0.405	-0.416	-0.889	-1.681	-2.516
2541	25.40	-3.087	-3.173	-2.718	-1.850	-0.811	0.145	0.850	1.272	1.491	1.633
2551	25.50	1.796	1.995	2.185	2.285	2.245	2.072	1.824	1.573	1.360	1.179
2561	25.60	0.990	0.764	0.515	0.318	0.270	0.441	0.818	1.289	1.674	1.797
2571	25.70	1.559	0.928	0.227	-0.522	-1.073	-1.332	-1.316	-1.135	-0.938	-0.849
2581	25.80	-0.924	-1.165	-1.440	-1.714	-1.881	-1.885	-1.705	-1.373	-0.937	-0.488
2591	25.90	-0.121	0.084	0.105	-0.003	-0.108	-0.039	0.347	1.097	2.120	3.203
2601	26.00	4.070	4.486	4.350	3.732	2.850	1.989	1.385	1.166	1.219	1.432
2611	26.10	1.579	1.517	1.224	0.802	0.423	0.250	0.364	0.728	1.208	1.624
2621	26.20	1.822	1.727	1.360	0.821	0.242	-0.262	-0.631	-0.866	-1.017	-1.146
2631	26.30	-1.300	-1.481	-1.653	-1.761	-1.757	-1.633	-1.429	-1.227	-1.118	-1.170
2641	26.40	-1.397	-1.751	-2.140	-2.461	-2.637	-2.662	-2.499	-2.261	-1.977	-1.668
2651	26.50	-1.322	-0.907	-0.406	0.167	0.751	1.257	1.598	1.722	1.636	1.395
2661	26.60	1.095	0.832	0.675	0.656	0.767	0.972	1.220	1.464	1.665	1.808
2671	26.70	1.902	1.982	2.101	2.304	2.609	2.986	3.354	3.608	3.651	3.447
2681	26.80	3.036	2.528	2.061	1.742	1.605	1.598	1.619	1.567	1.396	1.132
2691	26.90	0.848	0.608	0.411	0.175	-0.237	-0.942	-1.966	-3.204	-4.445	-5.453
2701	27.00	-6.057	-6.230	-6.090	-5.841	-5.674	-5.677	-5.806	-5.914	-5.839	-5.688
2711	27.10	-4.889	-4.170	-3.499	-3.000	-2.702	-2.543	-2.421	-2.258	-2.042	-1.827
2721	27.20	-1.678	-1.618	-1.589	-1.469	-1.132	-0.519	0.316	1.207	1.960	2.416
2731	27.30	2.531	2.393	2.168	2.030	2.077	2.301	2.608	2.875	3.020	3.036
2741	27.40	2.974	2.916	2.906	2.927	2.916	2.804	2.561	2.229	1.901	1.683
2751	27.50	1.636	1.751	1.953	2.137	2.223	2.193	2.090	1.988	1.950	1.987
2761	27.60	2.052	2.063	1.942	1.654	1.217	0.696	0.171	-0.296	-0.671	-0.956
2771	27.70	-1.168	-1.328	-1.451	-1.547	-1.628	-1.706	-1.792	-1.880	-1.946	-1.952
2781	27.80	-1.863	-1.676	-1.430	-1.201	-1.069	-1.078	-1.205	-1.358	-1.405	-1.231
2791	27.90	-0.792	-0.539	0.591	1.232	1.648	1.789	1.701	1.499	1.308	1.212
2801	28.00	1.227	1.304	1.373	1.380	1.319	1.229	1.164	1.161	1.214	1.282
2811	28.10	1.306	1.251	1.123	0.970	0.855	0.826	0.884	0.985	1.062	1.053
2821	28.20	0.934	0.722	0.461	0.196	-0.055	-0.302	-0.575	-0.890	-1.232	-1.546
2831	28.30	-1.751	-1.778	-1.598	-1.240	-0.784	-0.334	0.023	0.236	0.311	0.291
2841	28.40	0.239	0.208	0.224	0.282	0.349	0.381	0.335	0.186	-0.064	-0.388
2851	28.50	-0.732	-1.031	-1.234	-1.322	-1.325	-1.322	-1.417	-1.695	-2.190	-2.853
2861	28.60	-3.564	-4.167	-4.530	-4.593	-4.395	-4.055	-3.724	-3.523	-3.490	-3.577
2871	28.70	-3.674	-3.667	-3.494	-3.169	-2.777	-2.429	-2.208	-2.137	-2.169	-2.213
2881	28.80	-2.182	-2.026	-1.751	-1.402	-1.035	-0.687	-0.360	-0.029	0.329	0.713
2891	28.90	1.092	1.414	1.640	1.767	1.848	1.975	2.237	2.694	3.336	4.069
2901	29.00	4.766	5.286	5.529	5.466	5.135	4.629	4.052	3.495	3.010	2.614
2911	29.10	2.295	2.032	1.809	1.618	1.457	1.330	1.239	1.185	1.171	1.203
2921	29.20	1.284	1.416	1.578	1.749	1.889	1.961	1.947	1.851	1.702	1.546
2931	29.30	1.421	1.366	1.308	1.265	1.162	0.949	0.603	0.138	-0.397	-0.930
2941	29.40	-1.388	-1.710	-1.866	-1.865	-1.745	-1.573	-1.418	-1.360	-1.369	-1.497
2951	29.50	-1.681	-1.857	-1.967	-1.979	-1.905	-1.793	-1.710	-1.703	-1.780	-1.892
2961	29.60	-1.955	-1.880	-1.621	-1.195	-0.684	-0.208	0.121	0.240	0.152	-0.081
2971	29.70	-0.371	-0.640	-0.845	-0.977	-1.040	-1.036	-0.951	-0.761	-0.456	-0.054
2981	29.80	0.394	0.829	1.217	1.567	1.937	2.393	2.962	3.591	4.143	4.444
2991	29.90	4.353	3.837	3.001	2.057	1.242	0.722	0.523	0.531	0.554	0.421

Table 7—29—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.065	-0.448	-0.968	-1.365	-1.524	-1.578	-1.682	-2.017	-2.671	-3.583
3011	30.10	-4.548	-5.306	-5.665	-5.490	-4.919	-4.116	-3.276	-2.520	-1.855	-1.205
3021	30.20	-0.473	0.382	1.312	2.202	2.925	3.402	3.640	3.707	3.682	3.599
3031	30.30	3.424	3.077	2.490	1.671	0.728	-0.150	-0.770	-1.010	-0.874	-0.486
3041	30.40	-0.038	0.301	0.665	0.621	0.336	0.309	0.612	0.629	0.867	1.009
3051	30.50	0.969	0.731	0.340	-0.033	-0.332	-0.459	-0.397	-0.181	0.123	0.443
3061	30.60	0.723	0.928	1.044	1.073	1.030	0.940	0.838	0.757	0.724	0.765
3071	30.70	0.806	0.873	0.909	0.885	0.790	0.629	0.420	0.178	-0.083	-0.360
3081	30.80	-0.651	-0.955	-1.271	-1.600	-1.948	-2.327	-2.740	-3.176	-3.599	-3.951
3091	30.90	-4.169	-4.208	-4.066	-3.778	-3.426	-3.086	-2.809	-2.600	-2.416	-2.195
3101	31.00	-1.889	-1.486	-1.011	-0.526	-0.082	0.300	0.634	0.956	1.292	1.635
3111	31.10	1.940	2.137	2.176	2.047	1.817	1.598	1.511	1.637	1.980	2.462
3121	31.20	2.947	3.292	3.400	3.245	2.881	2.414	1.957	1.596	1.357	1.224
3131	31.30	1.141	1.046	0.894	0.675	0.408	0.138	-0.089	-0.235	-0.287	-0.253
3141	31.40	-0.165	-0.062	0.019	0.053	0.033	-0.031	-0.121	-0.223	-0.327	-0.435
3151	31.50	-0.552	-0.681	-0.815	-0.939	-1.035	-1.092	-1.116	-1.117	-1.123	-1.148
3161	31.60	-1.190	-1.233	-1.250	-1.226	-1.166	-1.100	-1.078	-1.143	-1.318	-1.588
3171	31.70	-1.912	-2.236	-2.520	-2.755	-2.952	-3.147	-3.351	-3.564	-3.668	-3.650
3181	31.80	-3.432	-3.009	-2.441	-1.861	-1.331	-0.998	-0.848	-0.801	-0.718	-0.454
3191	31.90	0.080	0.878	1.834	2.777	3.532	3.983	4.111	3.993	3.765	3.566
3201	32.00	3.481	3.518	3.610	3.653	3.552	3.263	2.803	2.236	1.651	1.123
3211	32.10	0.702	0.407	0.266	0.222	0.369	0.632	1.059	1.580	2.105	2.526
3221	32.20	2.746	2.716	2.448	2.014	1.515	1.043	0.651	0.343	0.082	-0.179
3231	32.30	-0.466	-0.773	-1.063	-1.294	-1.439	-1.510	-1.547	-1.605	-1.725	-1.916
3241	32.40	-2.149	-2.369	-2.521	-2.569	-2.508	-2.365	-2.179	-1.992	-1.836	-1.723
3251	32.50	-1.652	-1.611	-1.576	-1.515	-1.393	-1.177	-0.853	-0.438	0.019	0.443
3261	32.60	0.755	0.902	0.902	0.798	0.691	0.681	0.827	1.124	1.500	1.841
3271	32.70	2.035	2.008	1.755	1.336	0.851	0.407	0.082	-0.090	-0.123	-0.061
3281	32.80	0.039	0.125	0.164	0.141	0.062	-0.054	-0.176	-0.275	-0.330	-0.340
3291	32.90	-0.334	-0.359	-0.465	-0.681	-0.989	-1.318	-1.557	-1.559	-1.340	-0.809
3301	33.00	-0.085	0.682	1.321	1.701	1.776	1.591	1.267	0.948	0.748	0.714
3311	33.10	0.814	0.963	1.065	1.050	0.908	0.684	0.465	0.339	0.367	0.563
3321	33.20	0.891	1.278	1.636	1.887	1.974	1.875	1.605	1.207	0.746	0.289
3331	33.30	-0.108	-0.411	-0.619	-0.756	-0.862	-0.973	-1.102	-1.236	-1.336	-1.353
3341	33.40	-1.248	-1.014	-0.674	-0.285	0.085	0.377	0.556	0.622	0.600	0.533
3351	33.50	0.466	0.426	0.427	0.460	0.506	0.539	0.541	0.500	0.419	0.312
3361	33.60	0.202	0.111	0.054	0.034	0.040	0.046	0.027	-0.039	-0.158	-0.322
3371	33.70	-0.512	-0.708	-0.898	-1.078	-1.255	-1.434	-1.613	-1.776	-1.892	-1.930
3381	33.80	-1.867	-1.701	-1.451	-1.156	-0.864	-0.617	-0.445	-0.356	-0.342	-0.379
3391	33.90	-0.434	-0.475	-0.473	-0.414	-0.301	-0.163	-0.065	-0.001	-0.081	-0.310
3401	34.00	-0.680	-1.148	-1.646	-2.093	-2.432	-2.626	-2.668	-2.579	-2.393	-2.163
3411	34.10	-1.856	-1.550	-1.237	-0.924	-0.622	-0.341	-0.088	0.132	0.317	0.467
3421	34.20	0.580	0.657	0.700	0.722	0.744	0.789	0.878	1.016	1.187	1.358
3431	34.30	1.490	1.550	1.532	1.451	1.343	1.247	1.186	1.150	1.122	1.066
3441	34.40	0.960	0.808	0.662	0.508	0.452	0.493	0.620	0.788	0.961	1.030
3451	34.50	1.033	0.959	0.861	0.722	0.634	0.590	0.582	0.592	0.601	0.604
3461	34.60	0.606	0.619	0.647	0.683	0.704	0.680	0.591	0.434	0.234	0.034
3471	34.70	-0.122	-0.200	-0.198	-0.135	-0.051	0.019	0.056	0.053	0.031	0.006
3481	34.80	-0.017	-0.045	-0.095	-0.189	-0.293	-0.408	-0.485	-0.495	-0.431	-0.321
3491	34.90	-0.220	-0.184	-0.247	-0.407	-0.621	-0.830	-0.982	-1.055	-1.061	-1.037

Table 7—29—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.019	-1.026	-1.037	-1.029	-0.971	-0.855	-0.706	-0.563	-0.462	-0.415
3511	35.10	-0.402	-0.382	-0.316	-0.191	-0.032	0.113	0.195	0.189	0.112	0.016
3521	35.20	-0.036	0.003	0.144	0.360	0.604	0.832	1.013	1.143	1.221	1.246
3531	35.30	1.200	1.058	0.805	0.466	0.023	-0.401	-0.759	-1.009	-1.143	-1.183
3541	35.40	-1.164	-1.110	-1.016	-0.857	-0.601	-0.237	0.212	0.691	1.130	1.467
3551	35.50	1.675	1.761	1.762	1.722	1.677	1.639	1.604	1.561	1.497	1.413
3561	35.60	1.315	1.222	1.152	1.123	1.148	1.225	1.331	1.420	1.426	1.288
3571	35.70	0.973	0.504	-0.030	-0.498	-0.767	-0.756	-0.463	0.016	0.535	0.953
3581	35.80	1.185	1.232	1.167	1.079	1.026	0.995	0.911	0.683	0.258	-0.360
3591	35.90	-1.009	-1.613	-2.041	-2.253	-2.291	-2.242	-2.180	-2.125	-2.029	-1.812
3601	36.00	-1.420	-0.877	-0.294	0.168	0.372	0.266	-0.079	-0.500	-0.814	-0.898
3611	36.10	-0.742	-0.446	-0.172	-0.059	-0.168	-0.459	-0.823	-1.147	-1.373	-1.521
3621	36.20	-1.672	-1.917	-2.298	-2.777	-3.240	-3.541	-3.553	-3.215	-2.552	-1.659
3631	36.30	-0.674	0.256	1.010	1.499	1.679	1.553	1.170	0.624	0.036	-0.466
3641	36.40	-0.785	-0.877	-0.766	-0.529	-0.266	-0.062	0.044	0.061	0.035	0.018
3651	36.50	0.042	0.110	0.198	0.275	0.320	0.333	0.327	0.319	0.318	0.321
3661	36.60	0.320	0.314	0.311	0.331	0.391	0.494	0.623	0.743	0.819	0.829
3671	36.70	0.780	0.719	0.630	0.599	0.619	0.677	0.751	0.818	0.869	0.906
3681	36.80	0.933	0.951	0.947	0.906	0.820	0.700	0.577	0.494	0.479	0.538
3691	36.90	0.641	0.740	0.793	0.791	0.760	0.754	0.820	0.966	1.143	1.251
3701	37.00	1.177	0.847	0.260	-0.495	-1.267	-1.890	-2.241	-2.279	-2.055	-1.682
3711	37.10	-1.290	-0.982	-0.800	-0.726	-0.707	-0.679	-0.603	-0.470	-0.301	-0.131
3721	37.20	0.009	0.102	0.149	0.158	0.149	0.137	0.142	0.185	0.286	0.460
3731	37.30	0.712	1.029	1.384	1.735	2.043	2.279	2.435	2.520	2.559	2.577
3741	37.40	2.593	2.611	2.622	2.603	2.530	2.381	2.145	1.830	1.456	1.056
3751	37.50	0.669	0.328	0.049	-0.166	-0.338	-0.491	-0.648	-0.817	-0.990	-1.148
3761	37.60	-1.269	-1.368	-1.396	-1.434	-1.496	-1.597	-1.732	-1.874	-1.990	-2.053
3771	37.70	-2.060	-2.032	-2.002	-2.002	-2.043	-2.109	-2.165	-2.171	-2.105	-1.969
3781	37.80	-1.785	-1.583	-1.385	-1.192	-0.989	-0.758	-0.490	-0.196	0.099	0.371
3791	37.90	0.611	0.836	1.077	1.360	1.681	1.994	2.220	2.273	2.097	1.696
3801	38.00	1.138	0.540	0.021	-0.333	-0.500	-0.523	-0.483	-0.466	-0.515	-0.643
3811	38.10	-0.810	-0.964	-1.064	-1.101	-1.098	-1.097	-1.142	-1.255	-1.434	-1.656
3821	38.20	-1.877	-2.068	-2.205	-2.277	-2.289	-2.256	-2.195	-2.126	-2.064	-2.013
3831	38.30	-1.969	-1.911	-1.815	-1.654	-1.419	-1.115	-0.771	-0.425	-0.112	0.149
3841	38.40	0.361	0.545	0.733	0.949	1.202	1.480	1.757	2.004	2.198	2.327
3851	38.50	2.389	2.389	2.333	2.229	2.086	1.918	1.762	1.577	1.433	1.308
3861	38.60	1.187	1.050	0.882	0.681	0.467	0.274	0.139	0.093	0.152	0.314
3871	38.70	0.569	0.907	1.322	1.812	2.364	2.965	3.497	3.937	4.182	4.167
3881	38.80	3.873	3.334	2.631	1.873	1.167	0.593	0.186	-0.057	-0.173	-0.209
3891	38.90	-0.212	-0.215	-0.241	-0.302	-0.404	-0.553	-0.748	-0.983	-1.241	-1.496
3901	39.00	-1.719	-1.882	-1.973	-1.990	-1.948	-1.871	-1.785	-1.716	-1.670	-1.658
3911	39.10	-1.673	-1.705	-1.747	-1.794	-1.868	-1.916	-1.999	-2.106	-2.232	-2.362
3921	39.20	-2.470	-2.525	-2.493	-2.351	-2.086	-1.708	-1.244	-0.735	-0.229	0.232
3931	39.30	0.613	0.901	1.096	1.215	1.284	1.332	1.383	1.448	1.530	1.611
3941	39.40	1.669	1.672	1.599	1.443	1.216	0.953	0.701	0.504	0.392	0.368
3951	39.50	0.407	0.465	0.500	0.484	0.419	0.331	0.264	0.258	0.338	0.500
3961	39.60	0.724	0.981	1.250	1.525	1.811	2.114	2.422	2.706	2.918	3.014
3971	39.70	2.970	2.793	2.525	2.220	1.922	1.649	1.387	1.104	0.776	0.405
3981	39.80	0.029	-0.294	-0.515	-0.622	-0.653	-0.691	-0.828	-1.131	-1.609	-2.208
3991	39.90	-2.828	-3.363	-3.736	-3.913	-3.969	-3.763	-3.515	-3.191	-2.805	-2.372

Table 7—29—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.922	-1.505	-1.181	-0.994	-0.951	-1.013	-1.113	-1.178	-1.165	-1.074
4011	40.10	-0.969	-0.845	-0.802	-0.817	-0.847	-0.829	-0.711	-0.486	-0.191	0.106
4021	40.20	0.326	0.435	0.431	0.354	0.261	0.198	0.189	0.233	0.317	0.435
4031	40.30	0.589	0.786	1.026	1.284	1.518	1.678	1.736	1.699	1.614	1.548
4041	40.40	1.556	1.650	1.788	1.886	1.857	1.668	1.270	0.798	0.361	0.001
4051	40.50	-0.170	-0.186	-0.108	-0.028	-0.014	-0.087	-0.216	-0.361	-0.401	-0.367
4061	40.60	-0.255	-0.122	-0.035	-0.048	-0.178	-0.396	-0.645	-0.861	-0.995	-1.033
4071	40.70	-0.994	-0.919	-0.851	-0.817	-0.817	-0.832	-0.832	-0.797	-0.724	-0.634
4081	40.80	-0.557	-0.514	-0.506	-0.508	-0.479	-0.386	-0.229	-0.046	0.087	0.091
4091	40.90	-0.082	-0.421	-0.848	-1.246	-1.497	-1.534	-1.365	-1.069	-0.760	-0.534
4101	41.00	-0.424	-0.388	-0.330	-0.165	0.226	0.766	1.390	1.976	2.421	2.680
4111	41.10	2.775	2.775	2.756	2.755	2.759	2.717	2.570	2.295	1.924	1.533
4121	41.20	1.210	1.015	0.954	0.972	0.985	0.913	0.718	0.416	0.065	-0.261
4131	41.30	-0.507	-0.653	-0.716	-0.735	-0.748	-0.779	-0.837	-0.917	-1.014	-1.126
4141	41.40	-1.256	-1.399	-1.541	-1.656	-1.715	-1.700	-1.615	-1.486	-1.350	-1.241
4151	41.50	-1.175	-1.146	-1.130	-1.101	-1.044	-0.965	-0.885	-0.829	-0.815	-0.840
4161	41.60	-0.889	-0.937	-0.965	-0.967	-0.951	-0.933	-0.925	-0.929	-0.939	-0.939
4171	41.70	-0.919	-0.877	-0.819	-0.759	-0.708	-0.665	-0.617	-0.539	-0.403	-0.187
4181	41.80	0.116	0.493	0.910	1.321	1.676	1.937	2.089	2.108	2.046	1.930
4191	41.90	1.793	1.658	1.525	1.377	1.191	0.955	0.678	0.391	0.145	-0.017
4201	42.00	-0.069	-0.013	0.117	0.275	0.419	0.525	0.593	0.633	0.659	0.671
4211	42.10	0.656	0.581	0.436	0.212	-0.057	-0.331	-0.559	-0.706	-0.762	-0.742
4221	42.20	-0.679	-0.605	-0.543	-0.493	-0.442	-0.368	-0.254	-0.090	0.117	0.352
4231	42.30	0.597	0.830	1.037	1.206	1.333	1.417	1.460	1.465	1.432	1.358
4241	42.40	1.244	1.092	0.918	0.751	0.625	0.570	0.593	0.668	0.739	0.734
4251	42.50	0.594	0.296	-0.128	-0.598	-1.014	-1.282	-1.352	-1.220	-0.926	-0.519
4261	42.60	-0.045	0.477	1.036	1.615	2.166	2.606	2.834	2.770	2.390	1.751
4271	42.70	0.977	0.221	-0.385	-0.778	-0.978	-1.066	-1.144	-1.283	-1.493	-1.724
4281	42.80	-1.896	-1.940	-1.833	-1.610	-1.346	-1.118	-0.975	-0.911	-0.878	-0.802
4291	42.90	-0.627	-0.334	0.044	0.438	0.766	0.966	1.011	0.927	0.775	0.636
4301	43.00	0.585	0.887	0.881	1.184	1.498	1.737	1.831	1.748	1.498	1.128
4311	43.10	0.697	0.248	-0.202	-0.667	-1.174	-1.735	-2.325	-2.877	-3.298	-3.507
4321	43.20	-3.463	-3.196	-2.791	-2.368	-2.032	-1.834	-1.764	-1.756	-1.726	-1.613
4331	43.30	-1.402	-1.127	-0.852	-0.633	-0.498	-0.431	-0.387	-0.317	-0.190	-0.009
4341	43.40	0.195	0.383	0.526	0.615	0.678	0.747	0.850	0.998	1.177	1.359
4351	43.50	1.511	1.610	1.647	1.627	1.562	1.470	1.367	1.267	1.185	1.128
4361	43.60	1.099	1.086	1.067	1.014	0.903	0.724	0.487	0.220	-0.045	-0.287
4371	43.70	-0.505	-0.719	-0.959	-1.245	-1.571	-1.902	-2.178	-2.343	-2.365	-2.251
4381	43.80	-2.050	-1.832	-1.660	-1.568	-1.546	-1.553	-1.650	-1.850	-1.998	-1.107
4391	43.90	-0.925	-0.794	-0.731	-0.722	-0.728	-0.711	-0.650	-0.554	-0.452	-0.382
4401	44.00	-0.361	-0.378	-0.395	-0.361	-0.241	-0.027	0.255	0.559	0.837	1.067
4411	44.10	1.250	1.414	1.588	1.788	2.002	2.202	2.353	2.438	2.466	2.469
4421	44.20	2.484	2.530	2.597	2.643	2.614	2.465	2.190	1.820	1.420	1.058
4431	44.30	0.781	0.598	0.481	0.381	0.253	0.079	-0.133	-0.352	-0.545	-0.696
4441	44.40	-0.812	-0.919	-1.041	-1.188	-1.346	-1.480	-1.552	-1.541	-1.454	-1.327
4451	44.50	-1.214	-1.160	-1.189	-1.289	-1.426	-1.552	-1.631	-1.647	-1.611	-1.551
4461	44.60	-1.494	-1.457	-1.436	-1.414	-1.367	-1.277	-1.143	-0.976	-0.795	-0.618
4471	44.70	-0.456	-0.309	-0.171	-0.034	0.105	0.246	0.385	0.524	0.665	0.815
4481	44.80	0.979	1.154	1.327	1.480	1.594	1.663	1.695	1.706	1.722	1.766
4491	44.90	1.839	1.930	2.016	2.080	2.114	2.129	2.148	2.188	2.255	2.335

Table 7—29—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	2.395	2.403	2.341	2.213	2.049	1.888	1.762	1.679	1.624	1.581
4511	45.10	1.458	1.299	1.094	0.876	0.679	0.526	0.411	0.310	0.189	0.028
4521	45.20	-0.166	-0.357	-0.495	-0.538	-0.478	-0.343	-0.197	-0.110	-0.136	-0.291
4531	45.30	-0.547	-0.849	-1.133	-1.356	-1.503	-1.600	-1.688	-1.806	-1.972	-2.177
4541	45.40	-2.385	-2.552	-2.639	-2.633	-2.546	-2.413	-2.279	-2.181	-2.140	-2.151
4551	45.50	-2.188	-2.218	-2.210	-2.146	-2.027	-1.869	-1.698	-1.536	-1.396	-1.279
4561	45.60	-1.177	-1.078	-0.976	-0.861	-0.765	-0.630	-0.520	-0.416	-0.312	-0.202
4571	45.70	-0.087	0.027	0.127	0.201	0.240	0.247	0.235	0.226	0.240	0.294
4581	45.80	0.397	0.547	0.734	0.944	1.162	1.373	1.563	1.719	1.837	1.918
4591	45.90	1.976	2.025	2.086	2.160	2.247	2.328	2.380	2.384	2.337	2.257
4601	46.00	2.174	2.120	2.115	2.151	2.195	2.199	2.113	1.907	1.581	1.163
4611	46.10	0.703	0.253	-0.165	-0.471	-0.726	-0.923	-1.083	-1.225	-1.363	-1.506
4621	46.20	-1.646	-1.786	-1.901	-1.974	-1.977	-1.887	-1.689	-1.428	-1.116	-0.822
4631	46.30	-0.602	-0.500	-0.526	-0.656	-0.863	-1.029	-1.169	-1.240	-1.247	-1.215
4641	46.40	-1.172	-1.142	-1.132	-1.138	-1.149	-1.152	-1.145	-1.127	-1.097	-1.050
4651	46.50	-0.973	-0.850	-0.667	-0.422	-0.130	0.178	0.464	0.690	0.831	0.879
4661	46.60	0.844	0.747	0.618	0.486	0.375	0.301	0.271	0.280	0.318	0.368
4671	46.70	0.410	0.433	0.431	0.410	0.382	0.363	0.362	0.378	0.402	0.421
4681	46.80	0.423	0.409	0.387	0.372	0.376	0.397	0.421	0.424	0.382	0.284
4691	46.90	0.138	-0.029	-0.181	-0.288	-0.334	-0.324	-0.275	-0.211	-0.147	-0.087
4701	47.00	-0.026	0.043	0.122	0.205	0.278	0.337	0.387	0.448	0.548	0.701
4711	47.10	0.898	1.098	1.235	1.243	1.082	0.758	0.330	-0.111	-0.468	-0.674
4721	47.20	-0.716	-0.631	-0.495	-0.384	-0.346	-0.389	-0.479	-0.565	-0.605	-0.581
4731	47.30	-0.512	-0.436	-0.390	-0.396	-0.445	-0.510	-0.555	-0.559	-0.518	-0.449
4741	47.40	-0.378	-0.324	-0.288	-0.259	-0.218	-0.154	-0.069	0.017	0.078	0.093
4751	47.50	0.057	-0.018	-0.111	-0.203	-0.284	-0.360	-0.439	-0.523	-0.599	-0.636
4761	47.60	-0.597	-0.458	-0.221	0.079	0.385	0.636	0.789	0.838	0.807	0.744
4771	47.70	0.689	0.660	0.646	0.602	0.497	0.308	0.047	-0.241	-0.499	-0.675
4781	47.80	-0.746	-0.722	-0.636	-0.533	-0.442	-0.374	-0.313	-0.239	-0.133	0.005
4791	47.90	0.158	0.299	0.405	0.468	0.498	0.513	0.533	0.562	0.591	0.600
4801	48.00	0.572	0.500	0.397	0.291	0.210	0.172	0.180	0.216	0.257	0.287
4811	48.10	0.306	0.338	0.405	0.535	0.731	0.977	1.236	1.468	1.665	1.762
4821	48.20	1.836	1.897	1.969	2.063	2.165	2.244	2.267	2.211	2.078	1.890
4831	48.30	1.681	1.483	1.313	1.165	1.016	0.837	0.605	0.316	-0.011	-0.343
4841	48.40	-0.661	-0.873	-1.023	-1.099	-1.122	-1.122	-1.130	-1.145	-1.224	-1.303
4851	48.50	-1.376	-1.420	-1.416	-1.351	-1.241	-1.109	-0.990	-0.920	-0.929	-1.028
4861	48.60	-1.213	-1.460	-1.732	-1.992	-2.208	-2.360	-2.444	-2.469	-2.449	-2.405
4871	48.70	-2.349	-2.288	-2.222	-2.142	-2.037	-1.899	-1.723	-1.531	-1.274	-1.025
4881	48.80	-0.782	-0.558	-0.367	-0.215	-0.102	-0.026	0.022	0.054	0.083	0.123
4891	48.90	0.188	0.283	0.403	0.538	0.669	0.774	0.840	0.863	0.852	0.821
4901	49.00	0.788	0.764	0.751	0.742	0.731	0.717	0.711	0.731	0.791	0.892
4911	49.10	1.013	1.108	1.127	1.030	0.806	0.489	0.143	-0.155	-0.363	-0.396
4921	49.20	-0.337	-0.222	-0.113	-0.054	-0.046	-0.048	-0.001	0.148	0.416	0.774
4931	49.30	1.154	1.475	1.675	1.731	1.667	1.538	1.405	1.313	1.277	1.285
4941	49.40	1.309	1.328	1.336	1.338	1.346	1.362	1.372	1.349	1.264	1.108
4951	49.50	0.893	0.655	0.442	0.292	0.219	0.212	0.239	0.263	0.263	0.232
4961	49.60	0.186	0.140	0.107	0.080	0.045	-0.020	-0.125	-0.262	-0.411	-0.563
4971	49.70	-0.640	-0.692	-0.712	-0.717	-0.726	-0.752	-0.797	-0.859	-0.936	-1.033
4981	49.80	-1.154	-1.300	-1.461	-1.619	-1.747	-1.830	-1.873	-1.903	-1.960	-2.082
4991	49.90	-2.280	-2.528	-2.760	-2.894	-2.859	-2.621	-2.201	-1.665	-1.106	-0.616

Table 7—29—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-6.253	-0.039	0.068	0.048	0.005	-0.046	-0.091	-0.125	-0.152	-0.169
5011	50.10	-0.170	-0.147	-0.093	-0.010	0.095	0.208	0.316	0.404	0.458	0.467
5021	50.20	0.421	0.319	0.170	-0.000	-0.156	-0.261	-0.289	-0.240	-0.136	-0.019
5031	50.30	0.076	0.128	0.151	0.181	0.263	0.425	0.661	0.929	1.168	1.322
5041	50.40	1.369	1.328	1.256	1.208	1.230	1.319	1.434	1.516	1.516	1.421
5051	50.50	1.263	1.102	0.999	0.986	1.051	1.146	1.209	1.192	1.084	0.910
5061	50.60	0.717	0.548	0.425	0.539	0.266	0.178	0.066	-0.063	-0.190	-0.298
5071	50.70	-0.390	-0.482	-0.600	-0.754	-0.933	-1.103	-1.224	-1.268	-1.240	-1.177
5081	50.80	-1.129	-1.133	-1.191	-1.262	-1.274	-1.156	-0.876	-0.451	0.065	0.515
5091	50.90	0.872	1.070	1.119	1.072	1.002	0.969	1.000	1.086	1.194	1.289
5101	51.00	1.351	1.377	1.380	1.373	1.358	1.323	1.251	1.129	0.963	0.778
5111	51.10	0.612	0.501	0.462	0.489	0.551	0.605	0.616	0.570	0.477	0.367
5121	51.20	0.271	0.207	0.167	0.124	0.044	-0.096	-0.293	-0.512	-0.702	-0.813
5131	51.30	-0.823	-0.745	-0.626	-0.523	-0.479	-0.503	-0.571	-0.634	-0.654	-0.617
5141	51.40	-0.551	-0.503	-0.517	-0.608	-0.749	-0.882	-0.952	-0.939	-0.872	-0.818
5151	51.50	-0.869	-0.996	-1.224	-1.441	-1.534	-1.428	-1.127	-0.720	-0.351	-0.150
5161	51.60	-0.169	-0.358	-0.575	-0.651	-0.467	-0.007	0.632	1.281	1.773	2.008
5171	51.70	1.991	1.832	1.593	1.430	1.344	1.284	1.165	0.919	0.536	0.078
5181	51.80	-0.352	-0.652	-0.772	-0.723	-0.572	-0.404	-0.280	-0.218	-0.198	-0.179
5191	51.90	-0.133	-0.062	0.005	0.030	-0.013	-0.117	-0.250	-0.364	-0.426	-0.430
5201	52.00	-0.403	-0.389	-0.426	-0.530	-0.682	-0.839	-0.949	-0.969	-0.886	-0.718
5211	52.10	-0.504	-0.295	-0.136	-0.053	-0.049	-0.110	-0.209	-0.318	-0.416	-0.496
5221	52.20	-0.560	-0.620	-0.687	-0.765	-0.847	-0.922	-0.972	-0.990	-0.975	-0.939
5231	52.30	-0.901	-0.878	-0.878	-0.896	-0.921	-0.934	-0.918	-0.867	-0.781	-0.668
5241	52.40	-0.540	-0.413	-0.300	-0.214	-0.163	-0.148	-0.162	-0.185	-0.196	-0.174
5251	52.50	-0.107	0.002	0.139	0.286	0.434	0.586	0.758	0.969	1.227	1.516
5261	52.60	1.794	2.009	2.109	2.070	1.906	1.662	1.404	1.192	1.060	1.008
5271	52.70	1.010	1.026	1.021	0.981	0.910	0.829	0.759	0.712	0.688	0.676
5281	52.80	0.664	0.665	0.615	0.577	0.529	0.468	0.387	0.276	0.133	-0.036
5291	52.90	-0.214	-0.381	-0.517	-0.609	-0.653	-0.655	-0.627	-0.584	-0.560	-0.505
5301	53.00	-0.486	-0.484	-0.497	-0.516	-0.530	-0.527	-0.502	-0.454	-0.393	-0.332
5311	53.10	-0.285	-0.261	-0.262	-0.277	-0.294	-0.301	-0.294	-0.275	-0.260	-0.262
5321	53.20	-0.294	-0.363	-0.461	-0.576	-0.691	-0.790	-0.862	-0.902	-0.911	-0.895
5331	53.30	-0.861	-0.816	-0.769	-0.726	-0.692	-0.667	-0.650	-0.638	-0.623	-0.601
5341	53.40	-0.571	-0.534	-0.497	-0.462	-0.430	-0.398	-0.360	-0.312	-0.252	-0.185
5351	53.50	-0.116	-0.051	0.012	0.082	0.170	0.286	0.428	0.579	0.711	0.796
5361	53.60	0.816	0.774	0.693	0.610	0.557	0.546	0.568	0.591	0.583	0.525
5371	53.70	0.426	0.315	0.238	0.226	0.292	0.419	0.571	0.716	0.836	0.938
5381	53.80	1.047	1.191	1.381	1.608	1.843	2.052	2.212	2.320	2.387	2.427
5391	53.90	2.445	2.426	2.347	2.190	1.960	1.689	1.428	1.232	1.129	1.110
5401	54.00	1.133	1.141	1.089	0.963	0.787	0.603	0.469	0.337	0.250	0.109
5411	54.10	-0.107	-0.430	-0.838	-1.271	-1.646	-1.895	-1.983	-1.919	-1.754	-1.555
5421	54.20	-1.389	-1.301	-1.306	-1.394	-1.532	-1.675	-1.771	-1.773	-1.664	-1.372
5431	54.30	-0.976	-0.509	-0.051	0.313	0.515	0.525	0.360	0.080	-0.237	-0.512
5441	54.40	-0.694	-0.766	-0.740	-0.666	-0.513	-0.363	-0.206	-0.052	0.087	0.190
5451	54.50	0.234	0.201	0.096	-0.056	-0.211	-0.324	-0.364	-0.330	-0.250	-0.169
5461	54.60	-0.126	-0.142	-0.203	-0.276	-0.318	-0.301	-0.226	-0.121	-0.027	0.025
5471	54.70	0.027	0.001	-0.014	0.016	0.094	0.189	0.240	0.188	-0.002	-0.316
5481	54.80	-0.693	-1.050	-1.311	-1.438	-1.440	-1.364	-1.265	-1.180	-1.112	-1.030
5491	54.90	-0.897	-0.692	-0.428	-0.152	0.078	0.218	0.256	0.220	0.155	0.104

Table 7—29—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.084	0.087	0.090	0.082	0.079	0.125	0.272	0.548	0.936	1.366
5511	55.10	1.735	1.945	1.940	1.727	1.371	0.965	0.587	0.287	0.069	-0.127
5521	55.20	-0.342	-0.512	-0.712	-0.872	-0.955	-0.944	-0.853	-0.723	-0.601	-0.520
5531	55.30	-0.486	-0.477	-0.461	-0.407	-0.305	-0.165	-0.010	0.132	0.242	0.309
5541	55.40	0.332	0.311	0.246	0.138	-0.010	-0.186	-0.372	-0.544	-0.681	-0.769
5551	55.50	-0.806	-0.796	-0.753	-0.692	-0.629	-0.582	-0.570	-0.609	-0.708	-0.861
5561	55.60	-1.047	-1.232	-1.379	-1.462	-1.475	-1.433	-1.367	-1.308	-1.267	-1.248
5571	55.70	-1.230	-1.188	-1.103	-0.973	-0.809	-0.628	-0.444	-0.258	-0.064	0.151
5581	55.80	0.392	0.669	0.902	1.126	1.305	1.436	1.536	1.627	1.723	1.826
5591	55.90	1.917	1.967	1.950	1.854	1.694	1.502	1.315	1.166	1.066	1.007
5601	56.00	0.967	0.924	0.862	0.783	0.698	0.619	0.555	0.500	0.442	0.365
5611	56.10	0.260	0.132	-0.002	-0.123	-0.209	-0.253	-0.237	-0.235	-0.202	-0.170
5621	56.20	-0.142	-0.115	-0.081	-0.039	0.013	0.068	0.118	0.156	0.181	0.198
5631	56.30	0.212	0.224	0.230	0.222	0.187	0.120	0.024	-0.086	-0.190	-0.269
5641	56.40	-0.310	-0.311	-0.284	-0.245	-0.211	-0.192	-0.192	-0.204	-0.222	-0.240
5651	56.50	-0.256	-0.265	-0.269	-0.262	-0.235	-0.175	-0.078	0.055	0.212	0.373
5661	56.60	0.516	0.624	0.692	0.722	0.728	0.724	0.722	0.725	0.734	0.745
5671	56.70	0.756	0.767	0.783	0.807	0.842	0.881	0.916	0.936	0.931	0.900
5681	56.80	0.868	0.786	0.726	0.676	0.641	0.616	0.594	0.567	0.533	0.491
5691	56.90	0.448	0.414	0.395	0.395	0.411	0.436	0.482	0.483	0.498	0.508
5701	57.00	0.516	0.522	0.520	0.501	0.454	0.373	0.261	0.130	-0.001	-0.113
5711	57.10	-0.195	-0.244	-0.278	-0.306	-0.317	-0.306	-0.278	-0.550	-0.608	-0.648
5721	57.20	-0.671	-0.690	-0.718	-0.745	-0.822	-0.883	-0.930	-0.953	-0.949	-0.926
5731	57.30	-0.897	-0.871	-0.851	-0.831	-0.802	-0.763	-0.719	-0.686	-0.680	-0.710
5741	57.40	-0.775	-0.859	-0.945	-1.020	-1.085	-1.153	-1.237	-1.342	-1.454	-1.540
5751	57.50	-1.566	-1.508	-1.371	-1.186	-1.002	-0.857	-0.766	-0.706	-0.628	-0.484
5761	57.60	-0.252	0.046	0.351	0.589	0.704	0.688	0.583	0.469	0.424	0.496
5771	57.70	0.675	0.905	1.108	1.222	1.224	1.144	1.041	0.977	0.983	1.048
5781	57.80	1.125	1.153	1.090	0.928	0.700	0.458	0.254	0.113	0.032	-0.019
5791	57.90	-0.074	-0.180	-0.279	-0.418	-0.555	-0.672	-0.764	-0.838	-0.904	-0.970
5801	58.00	-1.033	-1.087	-1.126	-1.145	-1.161	-1.189	-1.244	-1.328	-1.431	-1.527
5811	58.10	-1.589	-1.595	-1.539	-1.432	-1.296	-1.157	-1.035	-0.964	-0.882	-0.843
5821	58.20	-0.813	-0.776	-0.717	-0.623	-0.486	-0.310	-0.109	0.083	0.267	0.386
5831	58.30	0.439	0.439	0.406	0.375	0.333	0.309	0.325	0.363	0.583	0.577
5841	58.40	0.525	0.450	0.386	0.362	0.395	0.479	0.592	0.708	0.808	0.886
5851	58.50	0.943	0.998	1.056	1.116	1.168	1.200	1.207	1.195	1.182	1.187
5861	58.60	1.220	1.278	1.344	1.396	1.419	1.409	1.381	1.353	1.342	1.350
5871	58.70	1.367	1.374	1.360	1.325	1.288	1.272	1.294	1.349	1.407	1.424
5881	58.80	1.360	1.195	0.961	0.639	0.340	0.088	-0.099	-0.233	-0.362	-0.456
5891	58.90	-0.592	-0.747	-0.902	-1.037	-1.142	-1.224	-1.301	-1.390	-1.492	-1.594
5901	59.00	-1.669	-1.689	-1.644	-1.540	-1.403	-1.262	-1.138	-1.035	-0.942	-0.848
5911	59.10	-0.750	-0.662	-0.611	-0.627	-0.724	-0.889	-1.085	-1.260	-1.365	-1.375
5921	59.20	-1.294	-1.154	-1.000	-0.875	-0.805	-0.795	-0.830	-0.888	-0.946	-0.985
5931	59.30	-0.994	-0.968	-0.906	-0.809	-0.682	-0.534	-0.378	-0.231	-0.103	-0.001
5941	59.40	0.081	0.154	0.229	0.312	0.396	0.465	0.497	0.476	0.398	0.277
5951	59.50	0.145	0.039	-0.007	0.022	0.115	0.242	0.362	0.441	0.447	0.456
5961	59.60	0.441	0.461	0.539	0.663	0.789	0.857	0.808	0.620	0.319	-0.027
5971	59.70	-0.322	-0.482	-0.459	-0.263	0.049	0.390	0.679	0.866	0.944	0.943
5981	59.80	0.911	0.894	0.915	0.972	1.047	1.117	1.167	1.192	1.200	1.200
5991	59.90	1.199	1.197	1.194	1.190	1.184	1.181	1.181	1.182	1.174	1.168

Table 7—29—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	1.101	1.036	0.967	0.913	0.888	0.896	0.931	0.977	1.015	1.033
6011	60.10	1.028	1.001	0.958	0.903	0.835	0.758	0.674	0.595	0.535	0.503
6021	60.20	0.500	0.512	0.516	0.478	0.386	0.231	0.036	-0.177	-0.372	-0.530
6031	60.30	-0.646	-0.729	-0.792	-0.844	-0.888	-0.913	-0.911	-0.879	-0.823	-0.761
6041	60.40	-0.713	-0.595	-0.708	-0.743	-0.779	-0.796	-0.780	-0.730	-0.656	-0.573
6051	60.50	-0.500	-0.448	-0.627	-0.637	-0.627	-0.565	-0.634	-0.741	-0.857	-0.972
6061	60.60	-1.073	-1.143	-1.167	-1.130	-1.025	-0.853	-0.624	-0.361	-0.092	0.135
6071	60.70	0.356	0.497	0.572	0.584	0.536	0.431	0.273	0.068	-0.165	-0.395
6081	60.80	-0.578	-0.670	-0.638	-0.475	-0.209	0.108	0.407	0.626	0.725	0.698
6091	60.90	0.570	0.389	0.205	0.061	-0.022	-0.044	-0.024	0.012	0.031	0.012
6101	61.00	-0.056	-0.170	-0.310	-0.446	-0.546	-0.586	-0.561	-0.481	-0.377	-0.284
6111	61.10	-0.228	-0.216	-0.233	-0.244	-0.214	-0.120	0.038	0.230	0.412	0.538
6121	61.20	0.576	0.513	0.366	0.158	-0.069	-0.284	-0.463	-0.588	-0.648	-0.639
6131	61.30	-0.562	-0.427	-0.259	-0.061	0.109	0.231	0.283	0.261	0.173	0.042
6141	61.40	-0.100	-0.221	-0.293	-0.302	-0.269	-0.153	-0.044	0.047	0.096	0.100
6151	61.50	0.077	0.058	0.076	0.146	0.257	0.366	0.417	0.360	0.176	-0.115
6161	61.60	-0.460	-0.792	-1.056	-1.236	-1.349	-1.442	-1.558	-1.718	-1.904	-2.069
6171	61.70	-2.154	-2.122	-1.971	-1.738	-1.485	-1.270	-1.129	-1.060	-1.030	-0.994
6181	61.80	-0.915	-0.779	-0.596	-0.388	-0.190	-0.023	0.104	0.193	0.249	0.276
6191	61.90	0.278	0.258	0.225	0.187	0.157	0.136	0.118	0.089	0.033	-0.056
6201	62.00	-0.168	-0.279	-0.356	-0.373	-0.324	-0.223	-0.100	0.011	0.089	0.130
6211	62.10	0.150	0.171	0.210	0.269	0.335	0.385	0.401	0.377	0.325	0.267
6221	62.20	0.225	0.212	0.225	0.250	0.268	0.266	0.243	0.212	0.186	0.178
6231	62.30	0.188	0.209	0.223	0.219	0.196	0.155	0.122	0.116	0.143	0.209
6241	62.40	0.301	0.403	0.498	0.576	0.637	0.690	0.745	0.810	0.883	0.957
6251	62.50	1.020	1.060	1.070	1.051	1.013	0.967	0.926	0.900	0.891	0.896
6261	62.60	0.912	0.931	0.952	0.973	0.995	1.021	1.051	1.083	1.116	1.145
6271	62.70	1.168	1.185	1.199	1.213	1.230	1.250	1.269	1.279	1.272	1.245
6281	62.80	1.203	1.160	1.135	1.149	1.214	1.328	1.468	1.600	1.677	1.661
6291	62.90	1.525	1.267	0.913	0.509	0.115	-0.206	-0.407	-0.462	-0.373	-0.170
6301	63.00	0.095	0.362	0.575	0.698	0.716	0.645	0.517	0.371	0.235	0.122
6311	63.10	0.022	-0.085	-0.220	-0.390	-0.582	-0.768	-0.913	-0.996	-1.012	-0.982
6321	63.20	-0.938	-0.913	-0.925	-0.971	-1.030	-1.075	-1.088	-1.064	-1.015	-0.960
6331	63.30	-0.913	-0.879	-0.850	-0.816	-0.777	-0.744	-0.742	-0.795	-0.914	-1.090
6341	63.40	-1.289	-1.465	-1.577	-1.603	-1.567	-1.437	-1.306	-1.185	-1.089	-1.022
6351	63.50	-0.975	-0.943	-0.923	-0.912	-0.899	-0.860	-0.758	-0.558	-0.243	0.173
6361	63.60	0.639	1.076	1.405	1.573	1.569	1.433	1.237	1.058	0.953	0.943
6371	63.70	1.006	1.095	1.161	1.164	1.092	0.952	0.766	0.559	0.368	0.146
6381	63.80	-0.037	-0.193	-0.310	-0.379	-0.395	-0.363	-0.300	-0.226	-0.164	-0.128
6391	63.90	-0.121	-0.139	-0.170	-0.204	-0.235	-0.263	-0.291	-0.324	-0.364	-0.410
6401	64.00	-0.454	-0.489	-0.509	-0.510	-0.497	-0.479	-0.466	-0.468	-0.489	-0.524
6411	64.10	-0.563	-0.591	-0.594	-0.566	-0.509	-0.433	-0.353	-0.278	-0.215	-0.160
6421	64.20	-0.106	-0.068	0.015	0.075	0.124	0.150	0.153	0.137	0.115	0.097
6431	64.30	0.087	0.081	0.066	0.029	-0.040	-0.136	-0.248	-0.356	-0.443	-0.499
6441	64.40	-0.523	-0.521	-0.502	-0.475	-0.447	-0.422	-0.405	-0.398	-0.404	-0.420
6451	64.50	-0.461	-0.555	-0.457	-0.442	-0.420	-0.401	-0.398	-0.416	-0.446	-0.473
6461	64.60	-0.477	-0.454	-0.415	-0.387	-0.403	-0.455	-0.628	-0.726	-0.935	-0.990
6471	64.70	-0.926	-0.742	-0.474	-0.175	0.097	0.302	0.441	0.508	0.527	0.511
6481	64.80	0.462	0.376	0.251	0.099	-0.053	-0.173	-0.233	-0.228	-0.177	-0.119
6491	64.90	-0.092	-0.117	-0.185	-0.262	-0.301	-0.263	-0.139	0.051	0.261	0.440

Table 7—29—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1122 106-GR-1-S1 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.552	0.588	0.566	0.519	0.483	0.481	0.514	0.569	0.626	0.664
6511	65.10	0.671	0.667	0.595	0.522	0.437	0.316	0.256	0.176	0.107	0.053
6521	65.20	0.009	-0.038	-0.102	-0.192	-0.307	-0.435	-0.554	-0.640	-0.674	-0.651
6531	65.30	-0.581	-0.485	-0.387	-0.308	-0.259	-0.243	-0.255	-0.289	-0.338	-0.397
6541	65.40	-0.462	-0.528	-0.584	-0.624	-0.660	-0.632	-0.607	-0.580	-0.564	-0.568
6551	65.50	-0.592	-0.621	-0.634	-0.606	-0.524	-0.388	-0.213	-0.026	0.145	0.279
6561	65.60	0.371	0.434	0.486	0.551	0.638	0.747	0.860	0.958	1.023	1.051
6571	65.70	1.049	1.035	1.028	1.041	1.073	1.118	1.163	1.200	1.229	1.256
6581	65.80	1.298	1.353	1.419	1.482	1.524	1.531	1.500	1.438	1.362	1.292
6591	65.90	1.237	1.199	1.170	1.140	1.098	1.041	0.975	0.906	0.839	0.776
6601	66.00	0.709	0.632	0.537	0.423	0.293	0.156	0.023	-0.093	-0.180	-0.227
6611	66.10	-0.228	-0.180	-0.089	0.027	0.141	0.226	0.257	0.227	0.166	0.086
6621	66.20	-0.075	-0.158	-0.215	-0.252	-0.290	-0.345	-0.421	-0.507	-0.577	-0.607
6631	66.30	-0.583	-0.513	-0.422	-0.343	-0.298	-0.292	-0.305	-0.305	-0.257	-0.144
6641	66.40	0.028	0.231	0.422	0.563	0.632	0.631	0.584	0.525	0.486	0.489
6651	66.50	0.536	0.614	0.698	0.783	0.787	0.764	0.697	0.602	0.497	0.400
6661	66.60	0.321	0.280	0.213	0.167	0.115	0.055	-0.011	-0.076	-0.132	-0.180
6671	66.70	-0.223	-0.272	-0.333	-0.407	-0.488	-0.568	-0.637	-0.696	-0.750	-0.811
6681	66.80	-0.888	-0.979	-1.075	-1.158	-1.215	-1.248	-1.269	-1.304	-1.372	-1.470
6691	66.90	-1.572	-1.626	-1.576	-1.384	-1.049	-0.614	-0.151	0.258	0.556	0.719
6701	67.00	0.779	0.784	0.792	0.853	0.907	0.985	1.024	0.997	0.904	0.775
6711	67.10	0.654	0.581	0.569	0.601	0.639	0.635	0.563	0.424	0.246	0.073
6721	67.20	-0.057	-0.129	-0.158	-0.179	-0.236	-0.357	-0.548	-0.788	-1.039	-1.266
6731	67.30	-1.437	-1.550	-1.583	-1.643	-1.654	-1.651	-1.632	-1.595	-1.538	-1.471
6741	67.40	-1.408	-1.362	-1.336	-1.321	-1.298	-1.242	-1.142	-1.001	-0.841	-0.696
6751	67.50	-0.598	-0.566	-0.597	-0.671	-0.761	-0.839	-0.895	-0.930	-0.956	-0.984
6761	67.60	-1.016	-1.037	-1.027	-0.963	-0.838	-0.661	-0.457	-0.262	-0.107	-0.007
6771	67.70	0.040	0.051	0.051	0.060	0.085	0.124	0.169	0.211	0.248	0.284
6781	67.80	0.325	0.377	0.434	0.485	0.514	0.506	0.459	0.383	0.297	0.225
6791	67.90	0.181	0.169	0.176	0.182	0.164	0.106	0.009	-0.113	-0.238	-0.338
6801	68.00	-0.391	-0.382	-0.309	-0.176	0.006	0.221	0.452	0.681	0.885	1.044
6811	68.10	1.141	1.166	1.120	1.016	0.876	0.724	0.586	0.478	0.406	0.361
6821	68.20	0.336	0.314	0.284	0.239	0.181	0.118	0.060	0.018	0.001	0.012
6831	68.30	0.050	0.111	0.186	0.267	0.347	0.421	0.484	0.534	0.568	0.584
6841	68.40	0.584	0.568	0.543	0.515	0.491	0.478	0.477	0.488	0.506	0.523
6851	68.50	0.536	0.543	0.544	0.544	0.546	0.553	0.565	0.579	0.591	0.595
6861	68.60	0.587	0.564	0.524	0.472	0.411	0.351	0.300	0.263	0.242	0.230
6871	68.70	0.216	0.188	0.140	0.072	-0.006	-0.081	-0.141	-0.185	-0.221	-0.263
6881	68.80	-0.325	-0.409	-0.500	-0.571	-0.590	-0.537	-0.411	-0.236	-0.052	0.102
6891	68.90	0.203	0.250	0.272	0.303	0.374	0.492	0.640	0.779	0.866	0.872
6901	69.00	0.796	0.652	0.482	0.319	0.184	0.081	-0.009	-0.075	-0.149	-0.218
6911	69.10	-0.267	-0.280	-0.251	-0.185	-0.102	-0.026	0.026	0.067	0.043	0.030
6921	69.20	0.026	0.039	0.070	0.108	0.142	0.164	0.171	0.171	0.171	0.180
6931	69.30	0.198	0.226	0.257	0.286	0.308	0.320	0.318	0.295	0.249	0.177
6941	69.40	0.089	0.003	-0.051	-0.042	0.069	0.226	0.459	0.761	0.996	1.198
6951	69.50	1.328	1.393	1.420	1.439	1.436	1.434	1.398	1.342	1.631	1.556
6961	69.60	1.409	1.208	0.929	0.749	0.534	0.344	0.177	0.031	-0.096	-0.203
6971	69.70	-0.282	-0.350	-0.399	-0.444	-0.497	-0.569	-0.660	-0.761	-0.860	-0.940
6981	69.80	-0.991	-1.008	-0.995	-0.960	-0.917	-0.877	-0.848	-0.835	-0.840	-0.860
6991	69.90	-0.890	-0.927	-0.968	-1.015	-1.070	-1.140	-1.224	-1.319	-1.415	-1.498

Table 7—29—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.555	-1.579	-1.572	-1.562	-1.699	-1.656	-1.609	-1.363	-1.312	-1.253
7011	70.10	-1.186	-1.116	-1.036	-0.951	-0.853	-0.738	-0.614	-0.505	-0.446	-0.468
7021	70.20	-0.586	-0.779	-0.993	-1.147	-1.170	-1.024	-0.728	-0.334	-0.007	0.215
7031	70.30	0.254	0.113	-0.149	-0.446	-0.696	-0.855	-0.924	-0.935	-0.931	-0.932
7041	70.40	-0.929	-0.885	-0.760	-0.532	-0.217	0.136	0.459	0.692	0.805	0.803
7051	70.50	0.724	0.614	0.515	0.444	0.400	0.367	0.330	0.285	0.240	0.214
7061	70.60	0.223	0.275	0.366	0.479	0.593	0.692	0.766	0.814	0.844	0.867
7071	70.70	0.854	0.929	0.973	1.022	1.068	1.105	1.130	1.142	1.146	1.146
7081	70.80	1.144	1.141	1.130	1.103	1.052	0.971	0.860	0.724	0.570	0.410
7091	70.90	0.252	0.104	-0.028	-0.140	-0.233	-0.309	-0.372	-0.430	-0.489	-0.552
7101	71.00	-0.620	-0.687	-0.751	-0.812	-0.876	-0.953	-1.051	-1.165	-1.277	-1.354
7111	71.10	-1.360	-1.270	-1.079	-0.813	-0.521	-0.257	-0.067	0.034	0.058	0.043
7121	71.20	0.031	0.053	0.118	0.213	0.313	0.396	0.453	0.491	0.530	0.585
7131	71.30	0.664	0.760	0.857	0.936	0.965	1.004	1.002	0.990	0.976	0.958
7141	71.40	0.928	0.877	0.798	0.694	0.571	0.442	0.315	0.197	0.089	-0.005
7151	71.50	-0.081	-0.132	-0.154	-0.144	-0.108	-0.059	-0.014	0.013	0.012	-0.013
7161	71.60	-0.056	-0.104	-0.150	-0.192	-0.235	-0.285	-0.345	-0.411	-0.471	-0.510
7171	71.70	-0.512	-0.469	-0.385	-0.272	-0.150	-0.040	0.044	0.098	0.131	0.159
7181	71.80	0.200	0.270	0.373	0.504	0.644	0.770	0.859	0.898	0.885	0.829
7191	71.90	0.768	0.683	0.590	0.537	0.507	0.491	0.482	0.469	0.449	0.419
7201	72.00	0.383	0.344	0.309	0.282	0.263	0.253	0.248	0.241	0.229	0.207
7211	72.10	0.176	0.143	0.114	0.098	0.096	0.104	0.108	0.088	0.030	-0.078
7221	72.20	-0.230	-0.414	-0.608	-0.791	-0.947	-1.074	-1.177	-1.268	-1.355	-1.440
7231	72.30	-1.516	-1.569	-1.583	-1.566	-1.457	-1.324	-1.165	-1.002	-0.853	-0.731
7241	72.40	-0.637	-0.567	-0.505	-0.438	-0.355	-0.250	-0.127	0.002	0.126	0.233
7251	72.50	0.321	0.396	0.471	0.556	0.659	0.774	0.886	0.973	1.014	1.000
7261	72.60	0.935	0.857	0.734	0.648	0.593	0.570	0.564	0.558	0.536	0.493
7271	72.70	0.434	0.373	0.325	0.300	0.300	0.320	0.347	0.372	0.386	0.388
7281	72.80	0.380	0.366	0.352	0.340	0.331	0.323	0.316	0.308	0.297	0.285
7291	72.90	0.272	0.261	0.253	0.249	0.247	0.243	0.232	0.212	0.182	0.146
7301	73.00	0.112	0.085	0.068	0.057	0.047	0.028	-0.002	-0.040	-0.073	-0.089
7311	73.10	-0.079	-0.043	0.004	0.038	0.035	-0.024	-0.144	-0.316	-0.524	-0.744
7321	73.20	-0.956	-1.144	-1.299	-1.414	-1.488	-1.525	-1.535	-1.531	-1.528	-1.538
7331	73.30	-1.557	-1.568	-1.544	-1.461	-1.308	-1.098	-0.873	-0.682	-0.573	-0.565
7341	73.40	-0.665	-0.769	-0.878	-0.920	-0.871	-0.761	-0.562	-0.379	-0.224	-0.110
7351	73.50	-0.031	0.034	0.101	0.175	0.247	0.302	0.328	0.324	0.301	0.278
7361	73.60	0.271	0.286	0.321	0.364	0.404	0.433	0.451	0.466	0.473	0.481
7371	73.70	0.485	0.481	0.468	0.449	0.431	0.420	0.415	0.416	0.414	0.408
7381	73.80	0.397	0.386	0.385	0.398	0.426	0.460	0.493	0.517	0.530	0.538
7391	73.90	0.548	0.565	0.590	0.619	0.645	0.668	0.690	0.720	0.765	0.819
7401	74.00	0.678	0.923	0.940	0.922	0.873	0.804	0.731	0.661	0.592	0.516
7411	74.10	0.426	0.319	0.207	0.106	0.028	-0.031	-0.091	-0.183	-0.339	-0.566
7421	74.20	-0.844	-1.126	-1.349	-1.466	-1.447	-1.317	-1.121	-0.919	-0.755	-0.683
7431	74.30	-0.670	-0.692	-0.711	-0.689	-0.608	-0.467	-0.276	-0.058	0.168	0.281
7441	74.40	0.560	0.689	0.751	0.740	0.660	0.526	0.369	0.221	0.114	0.072
7451	74.50	0.102	0.201	0.354	0.538	0.730	0.903	1.038	1.120	1.146	1.123
7461	74.60	1.068	1.006	0.957	0.931	0.923	0.913	0.870	0.766	0.588	0.341
7471	74.70	0.051	-0.240	-0.488	-0.656	-0.728	-0.707	-0.616	-0.491	-0.368	-0.274
7481	74.80	-0.226	-0.223	-0.255	-0.307	-0.366	-0.427	-0.493	-0.573	-0.674	-0.797
7491	74.90	-0.927	-1.041	-1.108	-1.099	-0.999	-0.813	-0.564	-0.288	-0.021	0.209

Table 7—29—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	0.390	0.528	0.661	0.748	0.865	0.993	1.123	1.237	1.320	1.361
7511	75.10	1.361	1.327	1.275	1.218	1.167	1.121	1.077	1.022	0.966	0.827
7521	75.20	0.663	0.445	0.176	-0.131	-0.455	-0.769	-1.042	-1.268	-1.374	-1.423
7531	75.30	-1.419	-1.396	-1.391	-1.429	-1.518	-1.640	-1.761	-1.839	-1.842	-1.756
7541	75.40	-1.591	-1.377	-1.150	-0.946	-0.778	-0.655	-0.565	-0.494	-0.430	-0.371
7551	75.50	-0.322	-0.287	-0.269	-0.260	-0.248	-0.220	-0.169	-0.099	-0.022	0.040
7561	75.60	0.076	0.071	0.039	-0.009	-0.053	-0.081	-0.090	-0.087	-0.088	-0.106
7571	75.70	-0.148	-0.212	-0.285	-0.351	-0.395	-0.409	-0.394	-0.358	-0.310	-0.258
7581	75.80	-0.207	-0.157	-0.110	-0.072	-0.051	-0.057	-0.092	-0.151	-0.211	-0.244
7591	75.90	-0.219	-0.120	0.047	0.253	0.451	0.594	0.649	0.609	0.495	0.343
7601	76.00	0.192	0.063	-0.044	-0.150	-0.280	-0.449	-0.646	-0.840	-0.985	-1.043
7611	76.10	-0.995	-0.856	-0.665	-0.471	-0.316	-0.219	-0.173	-0.153	-0.128	-0.076
7621	76.20	0.011	0.123	0.241	0.349	0.434	0.493	0.525	0.536	0.527	0.500
7631	76.30	0.461	0.418	0.386	0.378	0.402	0.460	0.540	0.627	0.705	0.765
7641	76.40	0.807	0.842	0.880	0.929	0.991	1.056	1.113	1.149	1.158	1.144
7651	76.50	1.114	1.082	1.059	1.051	1.058	1.075	1.093	1.104	1.103	1.093
7661	76.60	1.079	1.068	1.070	1.085	1.109	1.131	1.135	1.108	1.044	0.948
7671	76.70	0.833	0.717	0.615	0.533	0.471	0.416	0.358	0.289	0.211	0.132
7681	76.80	0.063	0.013	-0.020	-0.046	-0.075	-0.120	-0.183	-0.255	-0.325	-0.382
7691	76.90	-0.422	-0.451	-0.484	-0.533	-0.603	-0.689	-0.771	-0.828	-0.841	-0.804
7701	77.00	-0.726	-0.625	-0.525	-0.442	-0.385	-0.349	-0.324	-0.297	-0.261	-0.214
7711	77.10	-0.163	-0.111	-0.065	-0.023	0.016	0.056	0.098	0.141	0.185	0.226
7721	77.20	0.266	0.308	0.353	0.402	0.452	0.495	0.523	0.530	0.516	0.487
7731	77.30	0.454	0.426	0.411	0.408	0.415	0.424	0.431	0.431	0.425	0.411
7741	77.40	0.387	0.349	0.295	0.223	0.139	0.052	-0.025	-0.084	-0.125	-0.154
7751	77.50	-0.184	-0.228	-0.293	-0.377	-0.471	-0.564	-0.647	-0.722	-0.794	-0.873
7761	77.60	-0.964	-1.045	-1.167	-1.257	-1.326	-1.370	-1.392	-1.399	-1.400	-1.397
7771	77.70	-1.393	-1.390	-1.391	-1.403	-1.433	-1.482	-1.536	-1.576	-1.577	-1.524
7781	77.80	-1.421	-1.290	-1.165	-1.076	-1.035	-1.028	-1.017	-0.963	-0.843	-0.665
7791	77.90	-0.461	-0.291	-0.200	-0.207	-0.292	-0.410	-0.510	-0.559	-0.554	-0.523
7801	78.00	-0.505	-0.526	-0.587	-0.655	-0.685	-0.638	-0.499	-0.287	-0.040	0.200
7811	78.10	0.408	0.581	0.739	0.899	1.067	1.226	1.342	1.385	1.342	1.229
7821	78.20	1.087	0.965	0.897	0.893	0.934	0.990	1.031	1.049	1.053	1.046
7831	78.30	1.105	1.172	1.244	1.289	1.276	1.191	1.045	0.868	0.693	0.567
7841	78.40	0.410	0.364	0.305	0.249	0.189	0.127	0.068	0.012	-0.046	-0.114
7851	78.50	-0.198	-0.288	-0.376	-0.469	-0.498	-0.530	-0.562	-0.613	-0.693	-0.787
7861	78.60	-0.862	-0.873	-0.787	-0.596	-0.330	-0.069	0.179	0.300	0.295	0.188
7871	78.70	0.031	-0.114	-0.202	-0.218	-0.180	-0.129	-0.103	-0.127	-0.194	-0.276
7881	78.80	-0.339	-0.320	-0.225	-0.055	0.162	0.383	0.565	0.678	0.709	0.665
7891	78.90	0.567	0.444	0.323	0.225	0.157	0.119	0.100	0.088	0.073	0.052
7901	79.00	0.028	0.006	-0.008	-0.013	-0.011	-0.010	-0.018	-0.039	-0.071	-0.106
7911	79.10	-0.133	-0.144	-0.136	-0.112	-0.078	-0.043	-0.013	0.012	0.036	0.057
7921	79.20	0.083	0.110	0.132	0.161	0.134	0.110	0.074	0.035	0.005	-0.012
7931	79.30	-0.012	0.005	0.028	0.057	0.088	0.118	0.147	0.167	0.172	0.182
7941	79.40	0.152	0.090	0.003	-0.097	-0.190	-0.253	-0.270	-0.235	-0.155	-0.068
7951	79.50	0.063	0.156	0.219	0.253	0.267	0.278	0.300	0.341	0.400	0.446
7961	79.60	0.526	0.568	0.583	0.566	0.517	0.437	0.328	0.193	0.062	-0.108
7971	79.70	-0.233	-0.304	-0.293	-0.186	0.015	0.282	0.571	0.828	1.004	1.070
7981	79.80	1.023	0.886	0.701	0.516	0.358	0.247	0.171	0.105	0.023	-0.090
7991	79.90	-0.231	-0.381	-0.512	-0.607	-0.665	-0.705	-0.759	-0.856	-0.993	-1.155

Table 7—29—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.291	-1.341	-1.260	-1.037	-0.700	-0.315	0.039	0.290	0.401	0.372
8011	80.10	0.240	0.064	-0.105	-0.222	-0.282	-0.292	-0.273	-0.245	-0.219	-0.196
8021	80.20	-0.173	-0.144	-0.109	-0.071	-0.038	-0.014	0.003	0.016	0.032	0.058
8031	80.30	0.095	0.141	0.193	0.245	0.294	0.337	0.373	0.399	0.409	0.400
8041	80.40	0.369	0.317	0.251	0.182	0.122	0.081	0.065	0.076	0.105	0.150
8051	80.50	0.202	0.254	0.302	0.341	0.372	0.394	0.406	0.409	0.405	0.394
8061	80.60	0.380	0.366	0.352	0.347	0.352	0.368	0.395	0.428	0.465	0.499
8071	80.70	0.531	0.559	0.587	0.614	0.640	0.660	0.669	0.665	0.647	0.622
8081	80.80	0.601	0.594	0.605	0.630	0.655	0.662	0.635	0.568	0.467	0.348
8091	80.90	0.230	0.130	0.051	-0.012	-0.071	-0.138	-0.215	-0.296	-0.367	-0.413
8101	81.00	-0.427	-0.415	-0.392	-0.377	-0.387	-0.423	-0.477	-0.531	-0.566	-0.570
8111	81.10	-0.544	-0.498	-0.449	-0.408	-0.383	-0.371	-0.364	-0.352	-0.332	-0.306
8121	81.20	-0.280	-0.261	-0.252	-0.255	-0.264	-0.276	-0.287	-0.295	-0.303	-0.308
8131	81.30	-0.310	-0.306	-0.291	-0.266	-0.236	-0.202	-0.174	-0.154	-0.141	-0.130
8141	81.40	-0.113	-0.091	-0.067	-0.053	-0.060	-0.093	-0.151	-0.219	-0.282	-0.322
8151	81.50	-0.337	-0.332	-0.326	-0.339	-0.386	-0.468	-0.574	-0.684	-0.781	-0.854
8161	81.60	-0.909	-0.961	-1.025	-1.113	-1.218	-1.323	-1.400	-1.425	-1.388	-1.296
8171	81.70	-1.166	-1.027	-0.909	-0.826	-0.777	-0.768	-0.720	-0.678	-0.615	-0.528
8181	81.80	-0.436	-0.348	-0.277	-0.226	-0.193	-0.170	-0.148	-0.122	-0.087	-0.047
8191	81.90	-0.004	0.034	0.060	0.068	0.055	0.020	-0.034	-0.098	-0.163	-0.220
8201	82.00	-0.262	-0.288	-0.303	-0.311	-0.315	-0.318	-0.314	-0.299	-0.272	-0.233
8211	82.10	-0.192	-0.159	-0.142	-0.143	-0.155	-0.167	-0.171	-0.162	-0.147	-0.138
8221	82.20	-0.165	-0.175	-0.220	-0.266	-0.295	-0.295	-0.265	-0.212	-0.151	-0.089
8231	82.30	-0.025	0.052	0.151	0.276	0.412	0.532	0.603	0.603	0.532	0.419
8241	82.40	0.309	0.249	0.268	0.365	0.513	0.668	0.796	0.880	0.929	0.969
8251	82.50	1.022	1.094	1.170	1.218	1.207	1.124	0.980	0.810	0.658	0.553
8261	82.60	0.503	0.490	0.481	0.445	0.370	0.266	0.158	0.071	0.018	-0.009
8271	82.70	-0.034	-0.081	-0.164	-0.275	-0.389	-0.471	-0.494	-0.452	-0.358	-0.242
8281	82.80	-0.134	-0.056	-0.010	0.013	0.033	0.063	0.108	0.166	0.218	0.266
8291	82.90	0.299	0.329	0.364	0.410	0.469	0.529	0.577	0.599	0.587	0.543
8301	83.00	0.477	0.405	0.342	0.298	0.276	0.270	0.270	0.264	0.243	0.205
8311	83.10	0.152	0.096	0.052	0.034	0.058	0.126	0.237	0.375	0.522	0.658
8321	83.20	0.771	0.857	0.923	0.982	1.048	1.129	1.222	1.319	1.405	1.468
8331	83.30	1.506	1.526	1.542	1.573	1.628	1.709	1.805	1.899	1.970	2.006
8341	83.40	2.001	1.962	1.896	1.815	1.729	1.644	1.565	1.498	1.447	1.416
8351	83.50	1.402	1.396	1.378	1.328	1.229	1.078	0.886	0.668	0.455	0.266
8361	83.60	0.106	-0.034	-0.171	-0.321	-0.490	-0.667	-0.832	-0.957	-1.025	-1.036
8371	83.70	-1.007	-0.966	-0.943	-0.956	-1.006	-1.080	-1.156	-1.216	-1.253	-1.270
8381	83.80	-1.282	-1.303	-1.342	-1.398	-1.463	-1.523	-1.568	-1.593	-1.589	-1.591
8391	83.90	-1.574	-1.553	-1.528	-1.503	-1.478	-1.457	-1.445	-1.444	-1.451	-1.460
8401	84.00	-1.463	-1.450	-1.415	-1.360	-1.288	-1.207	-1.127	-1.052	-0.985	-0.927
8411	84.10	-0.875	-0.824	-0.773	-0.719	-0.661	-0.599	-0.535	-0.472	-0.411	-0.355
8421	84.20	-0.302	-0.252	-0.202	-0.150	-0.096	-0.041	0.011	0.058	0.100	0.141
8431	84.30	0.187	0.243	0.310	0.383	0.451	0.499	0.516	0.496	0.440	0.361
8441	84.40	0.275	0.196	0.137	0.100	0.081	0.071	0.058	0.033	-0.008	-0.064
8451	84.50	-0.125	-0.179	-0.212	-0.216	-0.187	-0.132	-0.063	0.006	0.061	0.098
8461	84.60	0.119	0.134	0.155	0.189	0.235	0.284	0.323	0.338	0.325	0.287
8471	84.70	0.236	0.185	0.145	0.120	0.107	0.098	0.087	0.071	0.051	0.030
8481	84.80	0.013	-0.002	-0.019	-0.044	-0.081	-0.131	-0.187	-0.247	-0.303	-0.353
8491	84.90	-0.397	-0.438	-0.478	-0.516	-0.553	-0.589	-0.627	-0.672	-0.733	-0.816

Table 7—29—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1122 106-GR-1-51 U-D (U-D) SOUKA BRIDGE MAX. ACC. = 13.551 (GAL) T= 0.47 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.921	-1.045	-1.179	-1.312	-1.435	-1.541	-1.624	-1.682	-1.712	-1.711
8511	85.10	-1.683	-1.637	-1.590	-1.561	-1.568	-1.614	-1.686	-1.752	-1.772	-1.709
8521	85.20	-1.544	-1.281	-0.949	-0.595	-0.267	-0.003	0.181	0.287	0.334	0.369
8531	85.30	0.354	0.368	0.398	0.447	0.512	0.591	0.678	0.766	0.849	0.921
8541	85.40	0.979	1.029	1.079	1.141	1.223	1.326	1.439	1.540	1.604	1.612
8551	85.50	1.551	1.429	1.266	1.090	0.930	0.807	0.726	0.675	0.633	0.568
8561	85.60	0.459	0.291	0.071	-0.179	-0.426	-0.630	-0.760	-0.796	-0.739	-0.607
8571	85.70	-0.430	-0.243	-0.079	0.044	0.122	0.165	0.192	0.223	0.275	0.353
8581	85.80	0.453	0.562	0.666	0.748	0.801	0.820	0.810	0.777	0.732	0.682
8591	85.90	0.637	0.601	0.576	0.564	0.561	0.562	0.561	0.553	0.535	0.509
8601	86.00	0.476	0.441	0.406	0.372	0.339	0.304	0.267	0.228	0.190	0.156
8611	86.10	0.124	0.089	0.043	-0.021	-0.106	-0.210	-0.321	-0.425	-0.506	-0.555
8621	86.20	-0.570	-0.556	-0.522	-0.477	-0.430	-0.383	-0.339	-0.304	-0.281	-0.276
8631	86.30	-0.286	-0.305	-0.317	-0.301	-0.243	-0.135	0.015	0.188	0.359	0.507
8641	86.40	0.626	0.720	0.807	0.905	1.026	1.160	1.299	1.417	1.497	1.550
8651	86.50	1.526	1.503	1.482	1.480	1.500	1.530	1.553	1.551	1.512	1.441
8661	86.60	1.352	1.264	1.194	1.154	1.140	1.141	1.141	1.128	1.095	1.048
8671	86.70	0.997	0.956	0.932	0.924	0.924	0.915	0.884	0.821	0.728	0.614
8681	86.80	0.494	0.381	0.281	0.194	0.113	0.027	-0.068	-0.172	-0.275	-0.364
8691	86.90	-0.426	-0.455	-0.452	-0.427	-0.396	-0.372	-0.364	-0.376	-0.403	-0.439
8701	87.00	-0.475	-0.502	-0.518	-0.520	-0.509	-0.485	-0.451	-0.409	-0.362	-0.316
8711	87.10	-0.274	-0.240	-0.214	-0.194	-0.178	-0.160	-0.138	-0.108	-0.071	-0.028
8721	87.20	0.018	0.064	0.110	0.153	0.192	0.228	0.262	0.297	0.337	0.383
8731	87.30	0.434	0.483	0.521	0.536	0.518	0.467	0.390	0.302	0.220	0.160
8741	87.40	0.127	0.113	0.105	0.086	0.047	-0.011	-0.077	-0.133	-0.162	-0.162
8751	87.50	-0.136	-0.102	-0.076	-0.069	-0.082	-0.104	-0.122	-0.125	-0.112	-0.092
8761	87.60	-0.081	-0.093	-0.134	-0.201	-0.283	-0.362	-0.426	-0.468	-0.491	-0.506
8771	87.70	-0.528	-0.574	-0.661	-0.798	-0.993	-1.239	-1.519	-1.802	-2.051	-2.229
8781	87.80	-2.310	-2.288	-2.181	-2.029	-1.871	-1.750	-1.685	-1.673	-1.693	-1.713
8791	87.90	-1.708	-1.665	-1.588	-1.493	-1.398	-1.316	-1.249	-1.187	-1.120	-1.037
8801	88.00	-0.939	-0.834	-0.733	-0.646	-0.571	-0.501	-0.420	-0.319	-0.200	-0.078
8811	88.10	0.021	0.070	0.056	-0.021	-0.137	-0.260	-0.360	-0.417	-0.433	-0.426
8821	88.20	-0.422	-0.441	-0.493	-0.571	-0.658	-0.738	-0.802	-0.853	-0.898	-0.946
8831	88.30	-0.998	-1.050	-1.089	-1.110	-1.115	-1.114	-1.122	-1.149	-1.196	-1.252
8841	88.40	-1.299	-1.324	-1.323	-1.305	-1.287	-1.283	-1.299	-1.328	-1.356	-1.370
8851	88.50	-1.366	-1.350	-1.337	-1.337	-1.356	-1.386	-1.413	-1.423	-1.411	-1.382
8861	88.60	-1.344	-1.306	-1.272	-1.238	-1.198	-1.151	-1.100	-1.054	-1.022	-1.002
8871	88.70	-0.986	-0.960	-0.916	-0.860	-0.808	-0.784	-0.803	-0.856	-0.912	-0.926
8881	88.80	-0.856	-0.685	-0.430	-0.133	0.154	0.391	0.569	0.711	0.852	1.026
8891	88.90	1.241	1.474	1.683	1.822	1.862	1.808	1.690	1.557	1.451	1.408
8901	89.00	1.422	1.477	1.542	1.587	1.596	1.570	1.525	1.488	1.478	1.506
8911	89.10	1.565	1.630	1.673	1.670	1.615	1.525	1.426	1.350	1.309	1.295
8921	89.20	1.281	1.238	1.151	1.034	0.927	0.874	0.904	1.013	1.166	1.314
8931	89.30	1.420	1.478	1.512	1.562	1.653	1.784	1.921	2.022	2.063	2.057
8941	89.40	2.052	2.099	2.224	2.408	2.591	2.707	2.727	2.677	2.630	2.667
8951	89.50	2.623	3.065	3.300	3.426	3.396	3.239	3.066	2.996	3.094	3.329
8961	89.60	3.583	3.721	3.671	3.470	3.252	3.173	3.318	3.641	3.983	4.161
8971	89.70	4.072	3.771	3.444	3.315	3.506	3.958	4.447	4.699	4.559	4.092
8981	89.80	3.570	3.335	3.595	4.283	5.061	5.486	5.260	4.436	3.442	2.893
8991	89.90	1.265	4.583	6.311	7.509	7.228	4.961	0.936	-3.901	-8.222	-10.843

Table 7—30—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	4.378	3.737	2.155	-0.034	-2.321	-4.166	-5.150	-5.069	-3.970	-2.120
11	0.10	0.075	2.161	3.735	4.526	4.443	3.588	2.217	0.671	-0.722	-1.736
21	0.20	-2.295	-2.466	-2.589	-2.213	-2.002	-1.725	-1.288	-0.610	0.304	1.328
31	0.30	2.237	2.785	2.795	2.232	1.212	-0.039	-1.259	-2.232	-2.826	-3.005
41	0.40	-2.802	-2.289	-1.556	-0.703	0.158	0.912	1.462	1.763	1.835	1.756
51	0.50	1.621	1.486	1.328	1.047	0.517	-0.332	-1.442	-2.607	-3.521	-3.885
61	0.60	-3.533	-2.510	-1.075	0.384	1.494	2.022	1.958	1.492	0.920	0.515
71	0.70	0.411	0.563	0.788	0.859	0.621	0.068	-0.647	-1.263	-1.515	-1.232
81	0.80	-0.401	0.829	2.197	3.411	4.243	4.575	4.420	3.889	3.140	2.320
91	0.90	1.528	0.805	0.147	-0.470	-1.068	-1.660	-2.248	-2.835	-3.419	-3.989
101	1.00	-4.513	-4.933	-5.177	-5.186	-4.952	-4.530	-4.030	-3.564	-3.184	-2.834
111	1.10	-2.344	-1.498	-0.131	1.762	3.968	6.090	7.656	8.292	7.858	6.513
121	1.20	4.666	2.829	1.437	0.708	0.589	0.823	1.079	1.100	0.793	0.241
131	1.30	-0.373	-0.868	-1.150	-1.245	-1.268	-1.344	-1.548	-1.862	-2.192	-2.407
141	1.40	-2.401	-2.120	-1.578	-0.861	-0.001	0.840	1.579	2.127	2.413	2.406
151	1.50	2.127	1.658	1.124	0.657	0.356	0.252	0.320	0.683	0.662	0.805
161	1.60	0.900	0.964	1.013	1.046	1.040	0.971	0.842	0.700	0.523	0.694
171	1.70	0.952	1.362	1.815	2.163	2.271	2.068	1.569	0.858	0.054	-0.746
181	1.80	-1.494	-2.199	-2.903	-3.646	-4.437	-5.239	-5.975	-6.554	-6.892	-6.939
191	1.90	-6.687	-6.166	-5.430	-4.541	-3.562	-2.446	-1.231	0.133	1.659	3.301
201	2.00	4.937	6.382	7.431	7.932	7.836	7.225	6.271	5.164	4.030	2.882
211	2.10	1.661	0.206	-1.447	-3.196	-4.782	-5.891	-6.287	-5.912	-4.928	-3.666
221	2.20	-2.396	-1.385	-0.624	0.049	0.858	1.944	3.280	4.662	5.804	6.469
231	2.30	6.568	6.188	5.527	4.788	4.090	3.447	2.810	2.139	1.448	0.789
241	2.40	0.168	-0.523	-1.520	-3.106	-5.443	-8.417	-11.583	-14.257	-15.751	-15.645
251	2.50	-13.971	-11.213	-8.104	-5.314	-3.166	-1.527	0.083	2.200	5.111	8.653
261	2.60	12.244	15.116	16.635	16.558	15.098	12.790	10.219	7.767	5.503	3.245
271	2.70	0.764	-2.002	-4.850	-7.378	-9.175	-10.038	-10.081	-9.679	-9.273	-9.124
281	2.80	-9.167	-9.028	-8.206	-6.342	-3.429	0.133	3.670	6.495	8.169	8.652
291	2.90	8.278	7.568	6.987	6.751	6.771	6.743	6.352	5.353	3.857	2.099
301	3.00	0.407	-0.978	-2.000	-2.791	-3.571	-4.508	-5.607	-6.680	-7.416	-7.514
311	3.10	-6.621	-5.413	-3.568	-1.670	-0.062	1.075	1.762	2.182	2.572	3.104
321	3.20	3.802	4.544	5.124	5.359	5.168	4.603	3.811	2.942	2.075	1.170
331	3.30	0.104	-1.250	-2.928	-4.813	-6.647	-8.104	-8.910	-8.933	-8.230	-7.003
341	3.40	-5.517	-3.998	-2.562	-1.212	0.116	1.477	2.862	4.185	5.303	6.099
351	3.50	6.504	6.529	6.239	5.705	4.967	4.023	2.847	1.440	-0.139	-1.754
361	3.60	-3.226	-4.376	-5.084	-5.312	-5.110	-4.575	-3.811	-2.899	-1.882	-0.777
371	3.70	0.397	1.605	2.792	3.890	4.837	5.568	6.112	6.390	6.398	6.108
381	3.80	5.498	4.570	3.370	1.993	0.571	-0.754	-1.867	-2.709	-3.290	-3.674
391	3.90	-3.956	-4.218	-4.504	-4.797	-5.027	-5.098	-4.915	-4.426	-3.635	-2.607
401	4.00	-1.447	-0.272	0.821	1.767	2.538	3.134	3.562	3.834	3.966	3.986
411	4.10	-3.937	-3.867	-3.801	-3.709	-3.492	-2.989	-2.042	-0.567	-1.376	-3.565
421	4.20	-5.659	-7.308	-8.280	-8.547	-8.286	-7.792	-7.322	-6.952	-6.520	-5.677
431	4.30	-4.062	-1.495	1.870	5.538	8.799	10.971	11.631	10.763	8.737	6.148
441	4.40	3.583	1.423	-0.245	-1.575	-2.807	-4.103	-5.450	-6.671	-7.526	-7.837
451	4.50	-7.575	-6.861	-5.883	-4.805	-3.689	-2.505	-1.191	0.266	1.783	3.220
461	4.60	4.451	5.407	6.194	6.944	7.753	8.565	9.136	9.110	8.181	6.864
471	4.70	3.583	2.657	-1.898	-3.580	-4.194	-3.903	-3.134	-2.380	-1.985	-2.025
481	4.80	-2.317	-2.541	-2.615	-1.815	-0.804	0.431	1.698	2.883	3.980	5.037
491	4.90	6.089	7.106	7.994	8.653	9.032	9.144	9.030	8.676	7.952	6.621

Table 7—30—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.427	1.251	-2.768	-7.186	-11.350	-14.591	-16.437	-16.767	-15.825	-14.097
511	5.10	-12.115	-10.259	-8.659	-7.213	-5.695	-3.902	-1.758	0.653	3.124	5.401
521	5.20	7.251	8.500	9.047	8.864	8.001	6.597	4.879	3.127	1.607	0.487
531	5.30	-0.226	-0.685	-1.131	-1.703	-2.726	-3.856	-4.922	-5.634	-5.742	-5.221
541	5.40	-4.183	-2.858	-1.486	-0.221	0.885	1.862	2.756	3.566	4.236	4.669
551	5.50	4.799	4.612	4.151	3.487	2.671	1.706	0.567	-0.758	-2.215	-3.663
561	5.60	-6.902	-5.734	-6.032	-5.784	-5.092	-4.123	-3.059	-2.044	-1.178	-0.518
571	5.70	-0.095	0.100	0.133	0.154	0.387	1.080	2.407	4.381	6.806	9.309
581	5.80	11.449	12.860	13.370	13.034	12.029	10.776	9.315	7.730	5.923	3.753
591	5.90	1.161	-1.755	-4.737	-7.444	-9.575	-10.968	-11.637	-11.733	-11.452	-10.940
601	6.00	-10.244	-9.324	-8.113	-6.593	-4.862	-3.023	-1.330	0.093	1.205	2.080
611	6.10	2.860	3.681	4.591	5.517	6.277	6.651	6.461	5.643	4.276	2.551
621	6.20	0.705	-1.052	-2.594	-3.890	-4.971	-5.886	-6.657	-7.260	-7.645	-7.758
631	6.30	-7.566	-7.167	-6.169	-4.864	-3.427	-0.563	2.541	6.144	9.929	13.454
641	6.40	16.266	18.033	18.634	18.154	16.793	14.730	12.024	8.608	4.395	-0.558
651	6.50	-5.923	-11.104	-15.374	-18.136	-19.155	-18.665	-17.281	-15.732	-14.542	-13.806
661	6.60	-13.161	-11.987	-9.732	-6.216	-1.772	2.866	6.740	9.207	9.986	9.322
671	6.70	7.825	6.210	5.028	4.504	4.510	4.674	4.546	3.784	2.169	-0.152
681	6.80	-2.879	-5.529	-7.572	-8.567	-8.310	-6.920	-4.835	-2.682	-1.058	-0.298
691	6.90	-0.332	-0.711	-0.798	-0.050	1.744	4.373	7.323	10.012	12.053	13.376
701	7.00	14.172	14.691	15.025	15.001	14.260	12.478	9.603	5.954	2.123	-1.291
711	7.10	-3.965	-5.990	-7.774	-9.754	-12.065	-14.363	-15.919	-15.950	-14.033	-10.377
721	7.20	-5.808	-1.445	1.770	3.464	3.944	3.987	4.411	5.656	7.575	9.541
731	7.30	10.794	10.831	9.646	7.691	5.611	3.897	2.650	1.582	0.225	-1.763
741	7.40	-4.377	-7.246	-9.809	-11.587	-12.608	-12.459	-12.156	-11.918	-11.981	-12.229
751	7.50	-12.439	-12.339	-11.278	-10.446	-8.748	-6.716	-4.431	-1.929	0.756	3.483
761	7.60	5.983	7.907	8.956	9.011	8.198	6.842	5.325	3.934	2.762	1.720
771	7.70	0.666	-0.559	-1.835	-2.972	-3.705	-3.845	-3.559	-2.402	-1.207	0.017
781	7.80	1.182	2.335	3.593	5.066	6.479	8.353	9.866	11.029	11.763	12.090
791	7.90	12.102	11.884	11.445	10.712	9.575	7.969	5.938	3.657	1.387	-0.609
801	8.00	-2.151	-3.194	-3.816	-4.167	-4.393	-4.583	-4.764	-4.923	-5.056	-5.194
811	8.10	-5.393	-5.687	-6.032	-6.275	-6.182	-5.523	-4.187	-2.279	-0.146	1.704
821	8.20	2.758	2.684	1.467	-0.566	-2.840	-4.765	-5.835	-5.966	-5.317	-4.274
831	8.30	-3.247	-2.508	-2.106	-1.904	-1.689	-1.302	-0.716	-0.027	0.625	1.143
841	8.40	1.530	1.869	2.251	2.699	3.132	3.403	3.385	3.047	2.490	1.898
851	8.50	1.446	1.209	1.127	1.049	0.825	0.391	-0.202	-0.831	-1.396	-1.886
861	8.60	-2.382	-2.994	-3.731	-4.434	-4.792	-4.464	-3.860	-1.277	1.080	3.225
871	8.70	4.615	4.965	4.364	3.218	2.075	1.400	1.415	2.068	3.150	4.341
881	8.80	5.533	6.654	7.703	8.633	9.300	9.484	9.001	7.813	6.045	4.134
891	8.90	2.297	0.791	-0.368	-1.326	-2.265	-3.255	-4.175	-4.752	-4.700	-3.886
901	9.00	-2.428	-0.670	0.958	2.125	2.732	2.917	2.950	3.051	3.262	3.412
911	9.10	3.218	2.446	1.061	-0.728	-2.549	-4.018	-4.899	-5.182	-5.039	-4.700
921	9.20	-4.310	-3.852	-3.165	-2.056	-0.431	1.607	3.764	5.662	6.871	7.221
931	9.30	6.648	5.267	3.269	0.845	-1.849	-4.688	-7.536	-10.215	-12.522	-14.275
941	9.40	-15.393	-15.938	-16.113	-16.181	-16.350	-16.660	-16.933	-16.816	-15.899	-13.884
951	9.50	-10.728	-6.698	-2.322	1.766	5.024	7.170	8.258	8.630	8.751	9.006
961	9.60	9.516	10.078	10.223	9.411	7.259	3.729	-0.800	-5.624	-9.918	-12.992
971	9.70	-14.685	-14.634	-13.200	-11.278	-9.088	-6.836	-4.698	-3.925	0.992	4.182
981	9.80	7.349	10.052	11.872	12.590	12.282	11.296	10.118	9.182	8.712	8.671
991	9.90	8.809	8.808	8.413	7.523	6.195	4.583	2.873	1.238	-0.152	-1.110

Table 7—30—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-1.434	-0.966	0.306	2.159	4.122	5.599	6.076	5.356	3.679	1.672
1011	10.10	0.110	-0.598	0.365	2.069	4.203	6.190	7.777	9.134	10.731	13.039
1021	10.20	16.226	20.023	23.836	27.046	29.327	30.359	31.666	32.217	32.070	30.228
1031	10.30	25.333	16.296	2.962	-13.472	-30.633	-45.471	-56.250	-61.388	-61.759	-59.286
1041	10.40	-56.284	-54.365	-53.918	-54.089	-53.432	-50.790	-45.953	-39.742	-33.480	-28.152
1051	10.50	-23.713	-18.961	-12.086	-1.651	12.473	28.721	44.220	55.830	61.378	60.534
1061	10.60	54.936	47.492	41.239	38.174	38.669	41.473	44.652	46.368	45.639	42.749
1071	10.70	38.719	34.736	31.461	28.716	25.567	20.811	13.566	3.704	-8.066	-20.363
1081	10.80	-31.729	-41.099	-48.023	-52.779	-56.109	-58.836	-61.469	-63.999	-65.897	-66.368
1091	10.90	-64.720	-60.708	-54.709	-47.633	-40.606	-34.553	-29.849	-26.223	-22.930	-19.142
1101	11.00	-14.345	-8.547	-2.168	4.319	10.827	17.888	26.518	37.707	51.760	67.809
1111	11.10	83.797	97.024	105.063	106.680	102.315	93.883	83.946	74.608	66.623	59.131
1121	11.20	50.140	37.550	20.251	-1.193	-24.575	-46.740	-64.646	-76.291	-81.173	-80.133
1131	11.30	-74.764	-66.713	-57.213	-46.999	-36.539	-26.356	-17.474	-9.789	-4.727	-1.902
1141	11.40	-0.517	0.709	2.992	7.034	12.622	18.737	25.955	37.005	27.223	24.706
1151	11.50	20.137	14.619	8.309	2.236	-3.670	-9.403	-14.919	-20.094	-24.816	-29.107
1161	11.60	-33.140	-37.084	-40.828	-43.737	-44.636	-42.125	-35.146	-23.583	-8.604	7.466
1171	11.70	21.746	31.670	35.784	34.158	28.246	20.299	12.575	6.702	3.375	2.469
1181	11.80	3.376	5.375	7.839	10.259	12.165	13.112	12.801	11.308	9.238	7.672
1193	11.90	7.811	10.446	15.506	21.948	28.102	32.369	33.945	33.194	31.438	30.212
1201	12.00	30.325	31.212	30.959	27.067	17.673	2.660	-15.893	-34.201	-48.059	-56.609
1211	12.10	-52.518	-44.249	-33.321	-23.874	-18.963	-19.601	-24.687	-31.779	-38.255	-42.333
1221	12.20	-43.508	-42.314	-39.626	-35.940	-31.012	-24.021	-14.129	-1.111	14.284	30.449
1231	12.30	45.468	57.682	66.394	71.766	74.583	75.165	73.958	73.068	67.893	58.693
1241	12.40	44.064	24.676	1.472	-23.477	-47.588	-68.323	-83.719	-92.775	-95.608	-93.343
1251	12.50	-87.760	-80.770	-73.844	-67.554	-61.407	-54.046	-43.805	-29.685	-10.942	10.382
1261	12.60	31.719	49.752	61.627	65.031	60.785	50.862	38.776	28.348	22.567	22.733
1271	12.70	28.136	36.357	44.063	48.057	46.116	37.791	24.294	8.219	-7.215	-19.021
1281	12.80	-25.185	-25.115	-19.676	-10.831	-1.007	7.626	13.740	17.123	18.554	19.369
1291	12.90	20.728	23.256	26.562	29.453	30.381	28.070	22.063	12.947	2.163	-8.505
1301	13.00	-17.581	-24.373	-29.102	-32.630	-35.924	-39.541	-43.296	-46.416	-47.936	-47.246
1311	13.10	-44.452	-40.359	-36.072	-32.389	-29.296	-25.853	-20.558	-12.078	-0.017	14.634
1321	13.20	29.618	42.088	49.599	50.983	46.768	38.937	30.160	22.802	18.126	15.998
1331	13.30	15.161	13.926	10.937	5.713	-0.252	-8.781	-15.545	-20.560	-23.665	-24.511
1341	13.40	-24.317	-23.553	-22.668	-21.775	-20.663	-18.921	-16.098	-11.867	-6.173	0.667
1351	13.50	7.943	14.652	19.745	22.472	22.710	21.109	18.556	17.725	18.461	21.231
1361	13.60	24.909	27.443	26.556	20.635	9.477	-5.450	-21.343	-34.901	-43.342	-45.229
1371	13.70	-40.805	-31.738	-20.426	-9.167	0.513	8.121	14.061	19.187	24.308	29.805
1381	13.80	35.490	40.690	44.472	45.905	44.288	39.306	31.130	20.449	8.425	-3.459
1391	13.90	-13.662	-20.937	-24.662	-25.050	-23.130	-20.476	-18.742	-19.150	-22.097	-27.019
1401	14.00	-32.557	-36.971	-38.662	-36.630	-30.740	-21.718	-10.904	0.136	10.016	17.827
1411	14.10	23.243	26.436	27.854	27.959	27.013	25.012	21.753	17.009	10.716	3.096
1421	14.20	-5.336	-13.893	-21.597	-28.838	-34.459	-38.735	-41.711	-43.469	-43.935	-42.919
1431	14.30	-40.176	-35.509	-28.872	-20.428	-10.556	0.184	11.106	21.477	30.622	38.039
1441	14.40	43.512	47.169	49.433	50.837	51.767	52.206	51.615	49.086	43.668	34.848
1451	14.50	22.915	9.056	-4.924	-17.141	-26.276	-31.983	-34.914	-36.327	-37.445	-38.872
1461	14.60	-40.329	-40.829	-39.216	-34.800	-27.775	-19.245	-10.821	-4.004	0.364	2.339
1471	14.70	2.725	2.627	2.950	4.076	5.836	7.740	9.312	10.331	10.876	11.187
1481	14.80	11.462	11.726	11.851	11.715	11.365	11.096	11.330	12.462	14.583	17.407
1491	14.90	20.330	22.645	23.768	23.395	21.502	18.275	13.935	8.746	3.033	-2.733

Table 7—30—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-7.909	-11.797	-13.888	-14.122	-13.015	-11.539	-10.755	-11.341	-13.225	-15.523
1511	15.10	-16.825	-15.755	-11.542	-4.372	4.641	13.849	21.647	26.979	29.576	29.854
1521	15.20	28.559	26.568	23.613	20.255	16.067	10.896	4.861	-1.596	-7.853	-13.320
1531	15.30	-17.627	-20.713	-22.791	-24.231	-25.430	-26.719	-28.321	-30.326	-32.672	-35.110
1541	15.40	-37.195	-38.323	-37.861	-35.335	-30.623	-24.067	-16.448	-8.799	-2.130	2.854
1551	15.50	5.936	7.395	7.861	8.067	8.594	9.700	11.289	13.002	14.390	15.087
1561	15.60	14.926	13.963	12.411	10.561	8.588	6.715	5.036	3.885	2.862	2.835
1571	15.70	3.861	6.051	9.257	13.028	16.696	19.578	21.201	21.480	20.733	19.531
1581	15.80	18.437	17.743	17.352	16.838	15.678	13.527	10.607	6.702	2.973	-0.330
1591	15.90	-3.073	-5.484	-7.980	-10.884	-14.185	-17.472	-20.102	-21.512	-21.528	-20.494
1601	16.00	-19.152	-18.308	-18.461	-19.556	-20.998	-21.895	-21.432	-19.175	-15.183	-9.899
1611	16.10	-3.912	2.269	8.320	14.032	19.165	23.363	26.071	26.912	25.714	22.760
1621	16.20	18.734	14.684	10.689	7.587	4.898	1.987	-1.738	-6.578	-12.243	-17.950
1631	16.30	-22.681	-25.541	-26.047	-24.236	-20.569	-15.705	-10.273	-4.739	0.590	5.479
1641	16.40	9.660	12.869	14.618	14.925	13.837	11.759	9.306	7.108	5.635	5.028
1651	16.50	5.093	5.390	5.606	4.724	3.157	0.763	-2.210	-5.423	-8.547	-11.319
1661	16.60	-13.535	-15.011	-15.539	-14.887	-12.858	-9.398	-4.698	0.766	6.303	11.186
1671	16.70	14.880	17.235	18.535	19.371	20.358	21.810	23.522	24.757	24.490	21.806
1681	16.80	16.308	8.362	-1.064	-10.423	-18.448	-24.263	-27.701	-29.202	-29.502	-29.259
1691	16.90	-28.772	-27.920	-26.316	-23.596	-19.654	-14.771	-9.526	-4.574	-0.394	2.884
1701	17.00	5.497	7.918	10.661	13.966	17.863	21.953	25.400	28.076	28.748	27.257
1711	17.10	23.621	18.264	11.932	5.530	-0.104	-4.397	-7.166	-8.608	-9.163	-9.514
1721	17.20	-9.398	-9.509	-9.537	-9.298	-8.680	-7.718	-6.551	-5.292	-3.884	-2.055
1731	17.30	0.585	4.325	9.104	14.377	19.185	22.423	23.222	21.270	16.943	11.166
1741	17.40	5.061	-0.663	-5.006	-8.737	-12.206	-15.991	-20.366	-25.115	-29.600	-33.019
1751	17.50	-34.753	-34.638	-33.046	-30.753	-28.636	-27.355	-27.011	-27.270	-27.298	-26.136
1761	17.60	-22.998	-17.537	-9.974	-1.053	8.144	16.476	23.021	27.281	29.251	29.359
1771	17.70	28.277	26.700	25.153	23.891	22.519	22.100	21.302	20.495	19.773	19.284
1781	17.80	19.126	19.255	19.506	19.654	19.584	19.291	19.089	19.291	20.122	21.514
1791	17.90	23.032	23.979	23.634	21.554	17.777	12.851	7.645	3.023	-0.482	-2.846
1801	18.00	-4.514	-6.356	-8.364	-11.296	-14.800	-18.365	-21.373	-23.532	-24.787	-25.366
1811	18.10	-25.575	-25.595	-25.389	-24.747	-23.450	-21.631	-18.838	-15.969	-12.986	-9.947
1821	18.20	-6.566	-2.666	2.567	8.319	14.060	18.697	21.150	20.770	17.617	12.661
1831	18.30	6.474	0.785	-5.930	-7.613	-10.695	-13.754	-17.162	-20.779	-24.207	-26.863
1841	18.40	-28.394	-28.853	-28.644	-28.260	-27.955	-27.539	-26.424	-25.912	-19.575	-13.545
1851	18.50	-6.536	0.413	6.361	10.841	14.013	16.509	19.061	22.089	25.469	28.597
1861	18.60	30.716	31.345	30.586	29.152	28.074	28.210	29.781	32.162	33.918	33.461
1871	18.70	29.662	25.491	20.236	-2.631	-14.921	-24.563	-30.168	-31.362	-28.770	-23.714
1881	18.80	-17.738	-12.138	-7.859	-4.412	-2.022	0.114	2.563	5.570	9.192	13.147
1891	18.90	17.617	20.337	22.665	23.619	22.917	20.426	16.218	10.620	4.190	-2.380
1901	19.00	-8.433	-13.517	-17.499	-20.545	-22.992	-25.154	-27.160	-28.901	-30.113	-30.537
1911	19.10	-30.084	-28.893	-27.263	-25.481	-23.652	-21.622	-19.047	-15.585	-11.112	-5.842
1921	19.20	-0.295	4.885	9.185	12.603	14.692	16.436	18.031	19.687	21.362	22.721
1931	19.30	23.506	23.681	22.683	21.324	19.705	18.079	16.576	15.211	13.952	12.825
1941	19.40	11.886	11.222	10.855	10.662	10.376	9.661	8.230	5.948	2.877	-0.765
1951	19.50	-4.687	-8.609	-12.309	-15.626	-18.434	-20.662	-22.213	-23.216	-23.830	-24.320
1961	19.60	-24.901	-25.612	-26.216	-26.224	-25.063	-22.205	-17.585	-11.499	-4.639	2.140
1971	19.70	8.083	12.744	16.062	18.273	19.740	20.768	21.496	21.898	21.850	21.216
1981	19.80	19.904	17.865	15.062	11.461	7.070	2.018	-3.370	-8.559	-12.889	-15.741
1991	19.90	-16.733	-15.868	-13.556	-10.511	-7.546	-5.329	-4.201	-4.081	-4.515	-4.815

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1123 106-GR-1-51 LG. (NB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	-4.268	-2.359	1.067	5.731	10.973	15.924	19.759	21.953	22.438	21.603
2011	20.10	20.111	18.604	17.399	16.342	14.865	12.270	8.102	2.454	-3.949	-9.946
2021	20.20	-14.347	-16.375	-15.965	-13.764	-10.866	-8.376	-7.008	-6.887	-7.609	-8.515
2031	20.30	-9.025	-8.873	-8.168	-7.168	-6.268	-5.534	-4.951	-4.298	-3.407	-2.270
2041	20.40	-1.064	-0.054	0.558	0.758	0.739	0.815	1.260	2.165	3.368	4.496
2051	20.50	5.094	4.785	3.391	0.998	-2.072	-5.337	-8.271	-10.419	-11.502	-11.475
2061	20.60	-10.535	-9.050	-7.423	-5.933	-4.599	-3.155	-1.155	1.816	5.890	10.760
2071	20.70	15.686	19.709	21.971	22.034	20.639	16.640	12.733	9.101	6.166	3.813
2081	20.80	1.740	-0.470	-2.988	-5.653	-8.066	-9.818	-10.712	-10.862	-10.590	-10.195
2091	20.90	-9.716	-8.851	-7.088	-4.098	0.396	5.553	10.437	13.899	15.128	13.976
2101	21.00	11.017	7.291	3.861	1.375	-0.146	-1.224	-2.572	-6.691	-7.579	-10.732
2111	21.10	-13.386	-14.876	-15.036	-14.096	-12.689	-11.449	-10.722	-10.432	-10.186	-9.519
2121	21.20	-8.180	-6.247	-4.062	-2.005	-0.252	1.336	3.128	5.478	8.453	11.693
2131	21.30	14.685	16.035	15.807	13.765	10.402	6.541	3.005	0.324	-1.397	-2.406
2141	21.40	-3.063	-3.630	-4.114	-4.323	-4.019	-3.109	-1.724	-0.170	1.242	2.365
2151	21.50	3.302	4.335	5.755	7.670	9.914	12.104	13.810	14.755	14.919	14.502
2161	21.60	13.757	12.800	11.503	9.551	6.631	2.674	-2.006	-6.740	-10.725	-13.326
2171	21.70	-14.332	-14.035	-13.095	-12.257	-12.044	-12.575	-13.561	-14.485	-14.852	-14.389
2181	21.80	-13.111	-11.236	-9.024	-6.622	-4.020	-1.110	2.167	5.698	9.159	12.095
2191	21.90	14.078	14.866	14.492	13.233	11.481	9.585	7.727	5.899	3.976	1.838
2201	22.00	-0.518	-2.936	-5.148	-6.879	-7.962	-8.403	-8.375	-8.135	-7.925	-7.877
2211	22.10	-7.986	-8.141	-8.196	-8.047	-7.675	-7.145	-6.562	-6.017	-5.552	-5.160
2221	22.20	-4.810	-4.498	-4.267	-4.211	-4.425	-4.955	-5.748	-6.636	-7.367	-7.665
2231	22.30	-7.302	-6.153	-4.217	-1.596	1.539	4.997	8.598	12.182	15.616	18.778
2241	22.40	21.573	23.931	25.829	27.289	28.372	29.150	29.672	29.925	29.815	29.166
2251	22.50	27.733	25.257	21.518	16.412	10.021	2.650	-5.177	-12.783	-19.461	-24.625
2261	22.60	-27.940	-29.394	-29.262	-27.991	-26.037	-23.713	-21.126	-18.206	-14.827	-10.943
2271	22.70	-6.689	-2.372	1.619	4.964	7.538	9.446	10.956	12.354	13.783	15.156
2281	22.80	16.173	16.441	15.639	13.660	10.669	7.048	3.262	-0.297	-3.424	-6.149
2291	22.90	-8.688	-11.339	-14.361	-17.875	-21.799	-25.853	-29.603	-32.550	-34.240	-34.370
2301	23.00	-32.869	-29.914	-25.892	-21.286	-16.552	-12.002	-7.766	-3.824	-0.102	3.414
2311	23.10	6.621	9.308	11.256	12.350	12.671	12.482	12.133	11.898	11.834	11.734
2321	23.20	11.200	9.822	7.392	4.042	0.255	-3.274	-5.867	-7.110	-6.986	-5.872
2331	23.30	-4.370	-3.069	-2.313	-2.079	-2.008	-1.582	-0.356	1.837	4.795	6.017
2341	23.40	10.898	12.972	14.102	14.535	14.791	15.430	16.794	18.825	21.053	22.769
2351	23.50	23.305	22.325	19.993	16.932	14.001	11.952	11.139	11.326	11.855	11.834
2361	23.60	10.539	7.706	3.641	-0.881	-4.903	-7.621	-8.649	-8.107	-6.525	-4.618
2371	23.70	-3.030	-2.150	-2.070	-2.646	-3.637	-4.836	-6.126	-7.470	-8.839	-10.141
2381	23.80	-11.201	-11.792	-11.726	-10.927	-9.505	-7.707	-5.848	-4.189	-2.839	-1.722
2391	23.90	-0.619	0.711	2.400	4.364	6.285	7.682	8.066	7.111	4.790	1.402
2401	24.00	-2.496	-6.259	-9.339	-11.439	-12.565	-12.973	-13.043	-13.132	-13.453	-14.044
2411	24.10	-14.791	-15.512	-16.026	-16.199	-15.946	-15.208	-13.930	-12.071	-9.634	-6.706
2421	24.20	-3.477	-0.209	2.826	5.440	7.592	9.399	11.087	12.893	14.957	17.253
2431	24.30	19.586	21.637	23.076	23.640	23.197	21.759	19.442	16.405	12.805	8.768
2441	24.40	4.402	-0.166	-4.763	-9.155	-13.072	-16.270	-18.601	-20.064	-20.814	-21.117
2451	24.50	-21.245	-21.363	-21.461	-21.233	-20.348	-18.388	-15.117	-10.576	-5.123	0.657
2461	24.60	6.115	10.727	14.230	16.653	18.234	19.270	19.962	20.337	20.267	19.567
2471	24.70	18.136	16.041	13.524	10.913	8.498	6.418	4.624	2.940	1.175	-0.749
2481	24.80	-2.739	-4.548	-5.878	-6.506	-6.379	-5.639	-4.573	-3.504	-2.691	-2.261
2491	24.90	-2.202	-2.410	-2.750	-3.107	-3.414	-3.638	-3.771	-3.807	-3.747	-3.606

Table 7—30—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1123 106-GR-1-51 LG. (NB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-3.417	-3.229	-3.081	-2.984	-2.904	-2.776	-2.529	-2.123	-1.576	-0.960
2511	25.10	-0.373	0.110	0.471	0.769	1.118	1.661	2.425	3.473	4.705	5.984
2521	25.20	7.160	8.127	8.861	9.421	9.928	10.511	11.245	12.103	12.935	13.490
2531	25.30	13.474	12.642	10.883	8.288	5.147	1.893	-1.009	-3.196	-4.512	-5.045
2541	25.40	-5.082	-4.991	-5.084	-5.496	-6.150	-6.800	-7.150	-6.983	-6.255	-5.109
2551	25.50	-3.804	-2.603	-1.663	-0.985	-0.456	0.152	0.885	1.729	2.512	2.988
2561	25.60	2.937	2.245	0.930	-0.893	-3.095	-5.588	-8.363	-11.435	-14.773	-18.239
2571	25.70	-21.575	-24.462	-26.621	-27.909	-28.348	-28.076	-27.252	-25.843	-23.781	-20.819
2581	25.80	-16.790	-11.751	-6.091	-0.486	4.275	7.559	9.115	9.180	8.385	7.516
2591	25.90	7.216	7.761	8.991	10.431	11.522	11.875	11.412	10.361	9.126	8.096
2601	26.00	7.484	7.310	7.438	7.708	8.038	8.451	9.030	9.826	10.794	11.784
2611	26.10	12.613	13.166	13.459	13.655	13.969	14.551	15.385	16.244	16.855	16.827
2621	26.20	15.981	14.326	12.071	9.531	7.019	4.744	2.777	1.079	-0.442	-1.864
2631	26.30	-3.223	-4.507	-5.681	-6.713	-7.583	-8.279	-8.793	-9.113	-9.236	-9.169
2641	26.40	-8.936	-8.559	-8.041	-7.355	-6.453	-5.300	-3.926	-2.451	-1.082	-0.064
2651	26.50	0.397	0.196	0.130	-1.925	-3.471	-5.048	-6.482	-7.660	-8.521	-9.037
2661	26.60	-9.217	-9.128	-8.904	-8.234	-8.298	-9.170	-9.736	-10.173	-10.039	-8.926
2671	26.70	-6.649	-3.381	0.352	3.812	6.292	7.355	6.972	5.503	3.534	1.642
2681	26.80	0.196	-0.728	-1.297	-1.776	-2.575	-3.153	-4.026	-4.845	-5.492	-5.938
2691	26.90	-6.229	-6.411	-6.466	-6.281	-5.688	-4.551	-2.853	-0.724	1.595	3.840
2701	27.00	5.822	7.678	8.855	10.047	11.116	12.047	12.784	13.263	13.487	13.540
2711	27.10	13.554	13.635	13.794	13.922	13.834	13.555	12.410	11.066	9.501	7.925
2721	27.20	6.479	5.183	3.943	2.627	1.160	-0.419	-1.949	-3.220	-4.067	-4.450
2731	27.30	-4.470	-4.327	-4.230	-4.312	-4.587	-4.922	-5.365	-5.618	-5.782	-5.895
2741	27.40	-6.042	-6.276	-6.581	-6.878	-7.063	-7.057	-6.851	-6.501	-6.102	-5.732
2751	27.50	-5.413	-5.099	-4.700	-4.129	-3.349	-2.399	-1.386	-0.446	0.303	0.806
2761	27.60	1.084	1.249	1.319	1.474	1.721	2.037	2.361	2.623	2.785	2.868
2771	27.70	2.947	3.125	3.484	4.042	4.725	5.376	5.798	5.818	5.350	4.429
2781	27.80	3.206	1.891	0.684	-0.292	-1.032	-1.621	-2.196	-2.834	-3.561	-4.283
2791	27.90	-4.848	-5.116	-5.012	-4.576	-3.923	-3.185	-2.441	-1.669	-0.756	0.434
2801	28.00	1.965	3.757	5.571	7.077	7.964	8.068	7.439	6.317	5.055	3.862
2811	28.10	2.883	1.957	0.780	-0.968	-3.456	-6.583	-9.991	-13.155	-15.571	-16.926
2821	28.20	-17.196	-16.634	-15.633	-14.568	-13.661	-12.822	-11.889	-10.552	-8.596	-5.982
2831	28.30	-2.869	0.456	3.691	6.623	9.182	11.415	13.401	15.151	16.562	17.324
2841	28.40	17.201	15.960	13.584	10.318	6.626	3.081	0.198	-1.710	-2.599	-2.677
2851	28.50	-2.283	-1.744	-1.266	-0.785	-0.202	0.708	2.079	3.901	6.011	8.164
2861	28.60	10.133	11.791	13.128	14.207	15.077	15.701	15.936	15.575	14.463	12.478
2871	28.70	9.770	6.532	3.009	-0.600	-4.187	-7.716	-11.140	-14.332	-17.059	-19.038
2881	28.80	-20.055	-20.090	-19.375	-18.341	-17.474	-17.112	-17.299	-17.747	-17.941	-17.338
2891	28.90	-15.592	-12.697	-8.996	-5.068	-1.526	1.176	2.850	3.591	3.681	3.461
2901	29.00	3.213	3.086	3.086	3.110	2.998	2.588	1.766	0.508	-1.093	-2.819
2911	29.10	-4.351	-5.344	-5.520	-4.761	-3.165	-1.016	1.300	3.431	5.168	6.494
2921	29.20	7.548	8.520	9.536	10.590	11.546	12.223	12.498	12.370	11.960	11.628
2931	29.30	10.861	10.192	9.205	7.825	5.270	2.179	-1.361	-4.788	-7.621	-9.445
2941	29.40	-10.160	-9.880	-9.037	-8.017	-7.103	-6.366	-5.669	-4.755	-3.374	-1.379
2951	29.50	1.263	4.396	7.805	11.207	14.290	16.726	18.201	18.468	17.610	15.096
2961	29.60	11.781	7.839	3.664	-0.580	-4.719	-8.931	-13.308	-17.800	-22.080	-25.557
2971	29.70	-27.539	-27.497	-25.312	-21.380	-16.519	-11.691	-7.457	-4.713	-2.628	-0.817
2981	29.80	1.333	4.130	7.396	10.533	12.793	13.636	12.985	11.290	9.314	7.785
2991	29.90	7.070	7.015	7.037	6.428	4.713	1.905	-1.478	-4.623	-6.768	-7.522

Table 7—30—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-7.002	-5.744	-4.429	-3.572	-3.300	-3.338	-3.174	-2.323	-0.567	1.952
3011	30.10	4.798	7.435	9.442	10.650	11.154	11.210	11.080	10.908	10.663	10.186
3021	30.20	9.282	7.812	5.740	3.237	0.451	-2.339	-4.870	-6.906	-8.256	-8.823
3031	30.30	-8.626	-7.805	-6.610	-5.337	-4.237	-3.437	-2.906	-2.479	-1.947	-1.160
3041	30.40	-0.101	1.100	2.233	3.102	3.617	3.829	3.885	3.944	4.084	4.260
3051	30.50	4.325	4.118	3.550	2.663	1.619	0.626	-0.158	-0.696	-1.069	-1.419
3061	30.60	-1.859	-2.395	-2.913	-3.235	-3.214	-2.816	-2.159	-1.473	-1.007	-0.930
3071	30.70	-1.270	-1.920	-2.704	-3.466	-4.132	-4.741	-5.381	-6.130	-6.979	-7.820
3081	30.80	-8.467	-8.731	-8.489	-7.731	-6.551	-5.113	-3.584	-2.086	-0.675	0.849
3091	30.90	1.908	3.118	4.258	5.276	6.107	6.679	6.959	6.959	6.743	6.411
3101	31.00	6.078	5.831	5.699	5.624	5.471	5.067	4.264	3.010	1.389	-0.384
3111	31.10	-2.015	-3.227	-3.842	-3.836	-3.333	-2.567	-1.699	-0.942	-0.327	0.183
3121	31.20	0.666	1.188	1.767	2.368	2.919	3.360	3.560	3.524	3.194	2.558
3131	31.30	1.441	0.526	-0.643	-1.688	-2.441	-2.801	-2.774	-2.462	-2.019	-1.576
3141	31.40	-1.194	-0.858	-0.524	-0.184	0.086	0.146	-0.127	-0.730	-1.461	-1.932
3151	31.50	-1.700	-0.450	1.832	4.797	7.818	10.199	11.421	11.319	10.099	8.208
3161	31.60	6.103	4.049	2.036	-0.151	-2.748	-5.817	-9.143	-12.283	-14.732	-16.139
3171	31.70	-16.448	-15.909	-14.955	-14.012	-13.339	-12.968	-12.759	-12.524	-12.142	-11.607
3181	31.80	-10.981	-10.308	-9.542	-8.563	-7.153	-5.303	-3.083	-0.736	1.455	3.281
3191	31.90	4.731	5.981	7.298	8.881	10.728	12.605	14.122	14.905	14.753	13.731
3201	32.00	12.142	10.398	8.871	7.771	7.127	6.832	6.749	6.779	6.885	7.069
3211	32.10	7.317	7.581	7.797	7.932	8.032	8.211	8.595	9.231	10.017	10.697
3221	32.20	10.948	10.499	9.261	7.364	5.117	2.876	0.909	-0.697	-2.051	-3.277
3231	32.30	-4.587	-6.001	-7.425	-8.695	-9.668	-10.307	-10.696	-10.998	-11.370	-11.893
3241	32.40	-12.547	-13.236	-13.840	-14.268	-14.472	-14.433	-14.138	-13.568	-12.722	-11.653
3251	32.50	-10.429	-9.364	-8.438	-7.709	-7.014	-6.053	-4.505	-2.184	0.807	4.069
3261	32.60	7.004	9.028	9.788	9.307	7.970	6.365	5.038	4.288	4.070	4.059
3271	32.70	3.836	3.085	1.750	0.032	-1.710	-3.125	-4.010	-4.361	-4.323	-4.075
3281	32.80	-3.727	-3.269	-2.597	-1.598	-0.229	1.437	3.260	4.997	6.578	7.943
3291	32.90	9.132	10.212	11.214	12.105	12.794	13.173	13.175	12.796	12.096	11.159
3301	33.00	10.055	8.808	7.408	5.833	4.091	2.248	0.421	-1.238	-2.588	-3.532
3311	33.10	-4.039	-4.149	-3.963	-3.616	-3.253	-2.997	-2.928	-3.057	-3.329	-3.662
3321	33.20	-3.882	-3.976	-3.924	-3.812	-3.781	-3.968	-4.439	-5.150	-5.960	-6.580
3331	33.30	-6.852	-6.616	-5.867	-4.723	-3.384	-2.059	-0.905	0.024	9.755	1.390
3341	33.40	2.046	2.811	3.717	4.728	5.754	6.673	7.371	7.776	7.880	7.747
3351	33.50	7.486	7.208	6.966	6.716	6.308	5.532	4.195	2.216	-0.311	-3.117
3361	33.60	-5.819	-8.040	-9.526	-10.221	-10.271	-9.944	-9.515	-9.154	-8.865	-8.502
3371	33.70	-7.846	-6.709	-5.020	-2.861	-0.438	1.974	4.115	5.788	6.888	7.396
3381	33.80	7.355	6.849	5.986	4.881	3.637	2.325	0.965	-0.473	-2.066	-3.784
3391	33.90	-5.648	-7.497	-9.110	-10.252	-10.764	-10.646	-10.066	-9.309	-8.661	-8.271
3401	34.00	-8.073	-7.789	-7.032	-5.475	-3.015	0.144	5.523	6.508	8.553	9.356
3411	34.10	8.949	7.659	5.977	4.370	3.139	2.345	1.852	1.433	0.893	0.157
3421	34.20	-0.713	-1.566	-2.237	-2.633	-2.748	-2.646	-2.419	-2.136	-1.814	-1.433
3431	34.30	-0.998	-0.598	0.267	0.966	1.670	2.368	3.071	3.800	4.558	5.308
3441	34.40	5.982	6.499	6.802	6.884	6.784	6.570	6.304	6.018	5.707	5.353
3451	34.50	4.950	4.525	4.132	3.831	3.654	3.584	3.570	3.556	3.524	3.510
3461	34.60	3.595	3.847	4.263	4.732	5.045	4.962	4.307	3.048	1.335	-0.547
3471	34.70	-2.267	-3.563	-4.321	-4.595	-4.561	-4.425	-4.349	-4.394	-4.527	-4.666
3481	34.80	-4.730	-4.676	-4.497	-4.211	-3.827	-3.347	-2.770	-2.123	-1.472	-0.914
3491	34.90	-0.544	-0.411	-0.501	-0.741	-1.047	-1.369	-1.729	-2.200	-2.863	-3.733

Table 7—30—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-4.726	-5.661	-6.333	-6.599	-6.453	-6.031	-5.558	-5.230	-5.111	-5.090
3511	35.10	-4.915	-4.313	-3.122	-1.392	0.610	2.486	3.856	4.498	4.424	3.860
3521	35.20	3.138	2.560	2.287	2.305	2.460	2.560	2.465	2.146	1.676	1.175
3531	35.30	0.742	0.408	0.131	-0.163	-0.530	-0.963	-1.384	-1.672	-1.716	-1.659
3541	35.40	-0.922	-0.198	0.580	1.278	1.795	2.080	2.129	1.976	1.682	1.317
3551	35.50	0.954	0.647	0.428	0.291	0.198	0.090	-0.091	-0.377	-0.758	-1.187
3561	35.60	-1.597	-1.928	-2.153	-2.279	-2.342	-2.379	-2.407	-2.413	-2.365	-2.234
3571	35.70	-2.021	-1.767	-1.565	-1.429	-1.467	-1.656	-1.946	-2.253	-2.498	-2.622
3581	35.80	-2.598	-2.426	-2.099	-1.620	-0.977	-0.180	0.726	1.651	2.480	3.105
3591	35.90	3.477	3.622	3.644	3.673	3.819	4.114	4.506	4.892	5.170	5.306
3601	36.00	5.352	5.422	5.630	6.016	6.504	6.911	7.019	6.663	5.812	4.591
3611	36.10	3.240	2.031	1.166	0.723	0.646	0.797	1.027	1.242	1.422	1.608
3621	36.20	1.856	2.197	2.619	3.073	3.500	3.861	4.041	4.035	3.734	3.038
3631	36.30	1.874	0.249	-1.713	-3.776	-5.647	-7.072	-7.919	-8.229	-8.184	-8.029
3641	36.40	-7.958	-8.034	-8.177	-8.216	-7.983	-7.406	-6.526	-5.488	-4.440	-3.658
3651	36.50	-2.511	-1.486	-0.263	1.186	2.756	4.233	5.372	5.990	6.050	5.667
3661	36.60	5.053	4.424	3.916	3.551	3.262	2.961	2.602	2.214	1.884	1.698
3671	36.70	1.687	1.801	1.934	1.979	1.891	1.713	1.556	1.536	1.707	2.017
3681	36.80	2.319	2.425	2.194	1.584	0.675	-0.370	-1.378	-2.231	-2.911	-3.484
3691	36.90	-4.059	-4.721	-5.492	-6.319	-7.108	-7.765	-8.239	-8.540	-8.728	-8.878
3701	37.00	-9.049	-9.258	-9.479	-9.661	-9.742	-9.672	-9.417	-8.960	-8.298	-7.461
3711	37.10	-6.416	-5.263	-4.037	-2.795	-1.582	-0.422	0.682	1.737	2.745	3.683
3721	37.20	4.506	5.157	5.592	5.801	5.822	5.729	5.606	5.515	5.476	5.458
3731	37.30	5.402	5.245	4.956	4.541	4.047	3.539	3.080	2.715	2.467	2.340
3741	37.40	2.332	2.435	2.628	2.876	3.128	3.319	3.396	3.331	3.135	2.854
3751	37.50	2.543	2.245	1.972	1.703	1.402	1.050	0.661	0.283	-0.020	-0.206
3761	37.60	-0.269	-0.263	-0.259	-0.318	-0.451	-0.612	-0.719	-0.697	-0.524	-0.251
3771	37.70	0.017	0.171	0.156	0.014	-0.127	-0.099	0.229	0.887	1.776	2.700
3781	37.80	3.434	3.815	3.796	3.465	3.004	2.608	2.419	2.471	2.697	2.971
3791	37.90	3.167	3.213	3.118	2.957	2.827	2.808	2.925	3.145	3.400	3.618
3801	38.00	3.760	3.823	3.839	3.836	3.815	3.721	3.456	2.899	1.956	0.595
3811	38.10	-1.127	-3.078	-5.083	-6.976	-8.644	-10.053	-11.238	-12.272	-13.220	-14.100
3821	38.20	-14.870	-15.440	-15.702	-15.568	-15.002	-14.023	-12.705	-11.149	-9.466	-7.756
3831	38.30	-6.098	-4.546	-3.116	-1.798	-0.545	0.709	2.028	3.448	4.951	6.459
3841	38.40	7.853	9.001	9.805	10.230	10.306	10.118	9.762	9.316	8.819	8.279
3851	38.50	7.689	7.069	6.377	5.702	5.039	4.376	3.672	2.881	1.989	1.042
3861	38.60	0.161	-0.493	-0.775	-0.615	-0.062	0.721	1.496	2.033	2.179	1.903
3871	38.70	1.295	0.517	-0.257	-0.907	-1.397	-1.771	-2.117	-2.523	-3.036	-3.651
3881	38.80	-4.315	-4.952	-5.489	-5.873	-6.078	-6.095	-5.929	-5.592	-5.097	-4.470
3891	38.90	-3.766	-2.974	-2.210	-1.510	-0.918	-0.458	-0.127	0.102	0.278	0.461
3901	39.00	0.709	1.067	1.554	2.152	2.811	3.457	4.008	4.398	4.592	4.600
3911	39.10	4.472	4.281	4.102	3.984	3.937	3.922	3.867	3.684	3.302	2.686
3921	39.20	1.856	0.890	-0.095	-0.985	-1.599	-1.918	-1.907	-1.617	-1.153	-0.645
3931	39.30	-0.218	0.044	0.111	0.017	-0.167	-0.356	-0.482	-0.513	-0.460	-0.359
3941	39.40	-0.253	-0.168	-0.104	-0.038	0.066	0.233	0.470	0.762	1.080	1.393
3951	39.50	1.676	1.909	2.074	2.149	2.102	1.906	1.550	1.054	0.471	-0.124
3961	39.60	-0.654	-1.065	-1.342	-1.506	-1.599	-1.659	-1.705	-1.736	-1.741	-1.720
3971	39.70	-1.700	-1.732	-1.874	-2.166	-2.600	-3.132	-3.679	-4.160	-4.518	-4.741
3981	39.80	-4.869	-4.872	-4.829	-4.708	-4.472	-4.081	-3.517	-2.797	-1.975	-1.125
3991	39.90	-0.315	0.406	1.014	1.499	1.849	2.046	2.068	1.900	1.552	1.058

Table 7—30—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.467	-0.173	-0.836	-1.516	-2.214	-2.912	-3.552	-4.041	-4.270	-4.164
4011	40.10	-3.716	-3.004	-2.176	-1.397	-0.788	-0.387	-0.137	0.085	0.416	0.949
4021	40.20	1.708	2.645	3.671	4.694	5.652	6.512	7.262	7.892	8.371	8.658
4031	40.30	8.712	8.517	8.090	7.479	6.742	5.925	5.050	4.123	3.152	2.167
4041	40.40	1.231	0.427	-0.167	-0.513	-0.634	-0.608	-0.543	-0.534	-0.630	-0.816
4051	40.50	-1.028	-1.157	-1.234	-1.161	-1.008	-0.849	-0.752	-0.755	-0.847	-0.982
4061	40.60	-1.096	-1.162	-1.105	-1.007	-0.895	-0.814	-0.788	-0.815	-0.866	-0.905
4071	40.70	-0.912	-0.891	-0.874	-0.904	-1.019	-1.233	-1.530	-1.869	-2.208	-2.518
4081	40.80	-2.797	-3.072	-3.381	-3.755	-4.190	-4.667	-5.057	-5.340	-5.435	-5.319
4091	40.90	-5.014	-4.579	-4.081	-3.578	-3.091	-2.601	-2.055	-1.388	-0.541	0.515
4101	41.00	1.764	3.148	4.571	5.921	7.095	8.021	8.678	9.092	9.322	9.429
4111	41.10	9.460	9.330	9.013	8.577	7.330	5.843	3.989	1.930	-0.124	-1.976
4121	41.20	-3.502	-4.688	-5.605	-6.370	-7.074	-7.734	-8.285	-8.607	-8.591	-8.192
4131	41.30	-7.463	-6.539	-5.587	-4.744	-4.072	-3.552	-3.113	-2.685	-2.242	-1.817
4141	41.40	-1.486	-1.317	-1.335	-1.501	-1.726	-1.915	-2.010	-2.013	-1.980	-1.981
4151	41.50	-2.052	-2.168	-2.242	-2.160	-1.830	-1.226	-0.400	0.535	1.456	2.270
4161	41.60	2.951	3.530	4.070	4.627	5.220	5.825	6.391	6.870	7.236	7.500
4171	41.70	7.693	7.845	7.966	8.032	8.002	7.837	7.522	7.077	6.569	5.995
4181	41.80	5.456	4.944	4.443	3.926	3.370	2.782	2.191	1.645	1.187	0.834
4191	41.90	0.572	0.359	0.145	-0.114	-0.438	-0.826	-1.268	-1.756	-2.295	-2.900
4201	42.00	-3.582	-4.328	-5.091	-5.794	-6.353	-6.714	-6.875	-6.901	-6.899	-6.975
4211	42.10	-7.184	-7.495	-7.792	-7.912	-7.708	-7.110	-6.157	-4.986	-3.773	-2.665
4221	42.20	-1.724	-0.909	-0.118	0.752	1.733	2.754	3.660	4.269	4.452	4.190
4231	42.30	3.577	2.780	1.967	1.245	0.628	0.066	-0.517	-1.144	-1.785	-2.359
4241	42.40	-2.790	-3.052	-3.189	-3.292	-3.438	-3.637	-3.807	-3.805	-3.493	-2.815
4251	42.50	-1.829	-0.676	0.493	1.615	2.760	4.101	5.812	7.928	10.256	12.361
4261	42.60	13.687	13.742	12.294	9.685	5.817	1.997	-1.279	-3.543	-4.669	-4.869
4271	42.70	-4.560	-4.193	-4.095	-4.388	-4.998	-5.737	-6.401	-6.838	-6.978	-6.811
4281	42.80	-6.355	-5.632	-4.665	-3.497	-2.196	-0.862	0.404	1.531	2.504	3.362
4291	42.90	4.174	4.991	5.815	6.585	7.200	7.559	7.603	7.334	6.817	6.147
4301	43.00	5.416	4.683	3.971	3.277	2.591	1.916	1.272	0.685	0.178	-0.246
4311	43.10	-0.607	-0.938	-1.280	-1.660	-2.089	-2.556	-3.036	-3.493	-3.897	-4.225
4321	43.20	-4.474	-4.653	-4.787	-4.897	-4.998	-5.083	-5.125	-5.094	-4.967	-4.747
4331	43.30	-4.469	-4.193	-3.973	-3.842	-3.786	-3.748	-3.650	-3.420	-3.026	-2.479
4341	43.40	-1.842	-1.190	-0.589	-0.072	0.366	0.755	1.133	1.529	1.930	2.387
4351	43.50	2.824	3.244	3.642	4.016	4.375	4.729	5.087	5.457	5.839	6.218
4361	43.60	6.563	6.831	6.972	6.950	6.752	6.398	5.929	5.391	4.817	4.215
4371	43.70	3.579	2.904	2.205	1.526	0.919	0.419	0.012	-0.371	-0.834	-1.473
4381	43.80	-2.324	-3.338	-4.397	-5.355	-6.110	-6.643	-7.026	-7.379	-7.802	-8.317
4391	43.90	-8.843	-9.233	-9.338	-9.078	-8.480	-7.661	-6.770	-5.919	-5.134	-4.356
4401	44.00	-3.681	-2.439	-1.229	0.068	1.328	2.444	3.375	4.157	4.876	5.612
4411	44.10	6.388	7.154	7.807	8.243	8.399	8.285	7.965	7.521	7.017	6.473
4421	44.20	5.879	5.216	4.485	3.723	2.984	2.313	1.726	1.200	0.692	0.171
4431	44.30	-0.360	-0.858	-1.263	-1.531	-1.663	-1.711	-1.755	-1.865	-2.070	-2.345
4441	44.40	-2.627	-2.854	-2.995	-3.072	-3.139	-3.256	-3.448	-3.689	-3.905	-4.002
4451	44.50	-3.907	-3.590	-3.076	-2.427	-1.722	-1.027	-0.388	0.173	0.650	1.043
4461	44.60	1.359	1.611	1.821	2.016	2.218	2.432	2.665	2.824	2.934	2.955
4471	44.70	2.894	2.783	2.669	2.587	2.547	2.532	2.500	2.412	2.244	2.000
4481	44.80	1.703	1.383	1.053	0.706	0.311	-0.163	-0.732	-1.383	-2.070	-2.730
4491	44.90	-3.306	-3.763	-4.105	-4.365	-4.592	-4.827	-5.085	-5.349	-5.582	-5.740

Table 7—30—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4501	45.00	-5.798	-5.758	-5.650	-5.518	-5.395	-5.284	-5.152	-4.941	-4.586	-4.049
4511	45.10	-3.338	-2.505	-1.630	-0.793	-0.039	0.638	1.284	1.968	2.744	3.627
4521	45.20	4.580	5.535	6.410	7.142	7.700	8.080	8.291	8.337	8.212	7.907
4531	45.30	7.428	6.815	6.137	5.473	4.874	4.335	3.786	3.115	2.224	1.079
4541	45.40	-0.247	-1.586	-2.719	-3.660	-3.718	-3.532	-3.057	-2.492	-2.009	-1.686
4551	45.50	-1.497	-1.361	-1.106	-0.727	-0.220	0.336	0.837	1.208	1.429	1.527
4561	45.60	1.544	1.497	1.359	1.070	0.587	-0.082	-0.852	-1.589	-2.164	-2.514
4571	45.70	-2.676	-2.770	-2.942	-3.283	-3.780	-4.316	-4.728	-4.888	-4.778	-4.501
4581	45.80	-4.232	-4.132	-4.255	-4.519	-4.739	-4.716	-4.345	-3.663	-2.841	-2.091
4591	45.90	-1.565	-1.268	-1.060	-0.725	-0.089	0.884	2.062	3.196	4.034	4.432
4601	46.00	4.412	4.142	3.840	3.672	3.671	3.746	3.747	3.564	3.196	2.763
4611	46.10	2.446	2.390	2.634	3.094	3.611	4.044	4.343	4.578	4.887	5.391
4621	46.20	6.098	6.868	7.452	7.581	7.077	5.933	4.307	2.465	0.674	-0.883
4631	46.30	-2.151	-3.181	-4.067	-4.881	-5.631	-6.270	-6.733	-6.981	-7.029	-6.935
4641	46.40	-6.766	-6.556	-6.291	-5.918	-5.388	-4.690	-3.879	-3.066	-2.349	-1.826
4651	46.50	-1.498	-1.303	-1.146	-0.952	-0.637	-0.293	0.017	0.205	0.220	0.077
4661	46.60	-0.151	-0.372	-0.509	-0.543	-0.510	-0.479	-0.513	-0.625	-0.765	-0.829
4671	46.70	-0.697	-0.286	0.414	1.323	2.296	3.156	3.762	4.035	3.982	3.677
4681	46.80	3.230	2.743	2.277	1.863	1.410	0.937	0.399	-0.191	-0.778	-1.290
4691	46.90	-1.660	-1.854	-1.928	-1.923	-1.937	-2.040	-2.248	-2.511	-2.727	-2.778
4701	47.00	-2.571	-2.075	-1.329	-0.429	0.515	1.414	2.232	2.977	3.677	4.340
4711	47.10	4.926	5.348	5.698	5.299	4.748	3.930	2.996	2.115	1.411	0.916
4721	47.20	0.572	0.260	-0.136	-0.681	-1.359	-2.082	-2.733	-3.212	-3.475	-3.562
4731	47.30	-3.472	-3.328	-3.195	-3.067	-2.956	-2.857	-2.767	-2.688	-2.621	-2.556
4741	47.40	-2.478	-2.371	-2.233	-2.090	-1.978	-1.929	-1.943	-1.971	-1.931	-1.735
4751	47.50	-1.328	-0.719	0.018	0.779	1.469	2.050	2.566	3.029	3.571	4.203
4761	47.60	4.893	5.557	6.098	6.449	6.599	6.594	6.502	6.380	6.240	6.051
4771	47.70	5.761	5.323	4.724	3.989	3.168	2.318	1.486	0.703	0.005	-0.569
4781	47.80	-0.978	-1.187	-1.196	-1.047	-0.826	-0.633	-0.546	-0.594	-0.743	-0.917
4791	47.90	-1.031	-1.028	-0.895	-0.666	-0.399	-0.156	0.003	0.023	-0.157	-0.598
4801	48.00	-1.352	-2.427	-3.764	-5.229	-6.639	-7.811	-8.617	-9.018	-9.060	-8.839
4811	48.10	-8.446	-7.925	-7.266	-6.433	-5.407	-4.229	-2.995	-1.830	-0.834	-0.036
4821	48.20	0.613	1.202	1.812	2.456	3.068	3.528	3.725	3.618	3.261	2.788
4831	48.30	2.352	2.065	1.949	1.962	1.937	1.840	1.619	1.308	0.987	0.730
4841	48.40	0.572	0.499	0.464	0.431	0.399	0.407	0.509	0.744	1.099	1.516
4851	48.50	1.910	2.207	2.379	2.442	2.465	2.430	2.403	2.334	2.173	1.871
4861	48.60	1.432	0.892	0.317	-0.238	-0.750	-1.236	-1.732	-2.258	-2.788	-3.245
4871	48.70	-3.514	-3.498	-3.148	-2.489	-1.611	-0.638	0.316	1.183	1.941	2.603
4881	48.80	3.185	3.681	4.055	4.257	4.244	4.014	3.604	3.086	2.540	2.026
4891	48.90	1.566	1.145	0.726	0.276	-0.214	-0.726	-1.218	-1.646	-1.973	-2.191
4901	49.00	-2.310	-2.360	-2.374	-2.376	-2.382	-2.390	-2.393	-2.378	-2.333	-2.251
4911	49.10	-2.130	-1.977	-1.804	-1.628	-1.462	-1.315	-1.184	-1.059	-0.925	-0.771
4921	49.20	-0.597	-0.432	-0.234	-0.079	0.050	0.164	0.289	0.456	0.682	0.971
4931	49.30	1.302	1.665	1.970	2.259	2.509	2.726	2.909	3.062	3.089	3.002
4941	49.40	2.741	2.293	1.682	0.962	0.202	-0.543	-1.244	-1.909	-2.560	-3.219
4951	49.50	-3.884	-4.522	-5.080	-5.506	-5.766	-5.862	-5.817	-5.666	-5.429	-5.106
4961	49.60	-4.679	-4.128	-3.455	-2.687	-1.872	-1.062	-0.287	0.452	1.181	1.925
4971	49.70	2.684	3.421	4.062	4.527	4.765	4.778	4.626	4.402	4.199	4.070
4981	49.80	4.016	3.998	3.965	3.887	3.772	3.662	3.602	3.613	3.673	3.725
4991	49.90	3.708	3.594	3.407	3.219	3.112	3.137	3.270	3.411	3.414	3.168

Table 7—30—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	2.550	1.660	0.614	-0.605	-1.240	-1.814	-2.156	-2.385	-2.648	-3.059
5011	50.10	-3.647	-4.341	-5.000	-5.468	-5.630	-5.456	-5.000	-4.378	-3.721	-3.135
5021	50.20	-2.478	-2.355	-2.166	-2.016	-1.951	-1.941	-1.978	-2.045	-2.105	-2.115
5031	50.30	-2.042	-1.877	-1.650	-1.420	-1.252	-1.188	-1.233	-1.367	-1.460	-1.500
5041	50.40	-1.415	-1.189	-0.861	-0.456	0.039	0.484	0.898	1.280	1.646	2.023
5051	50.50	2.642	2.930	3.192	4.102	4.695	5.180	5.468	5.508	5.312	4.963
5061	50.60	4.582	4.271	4.065	3.897	3.623	3.090	2.221	1.079	-0.133	-1.136
5071	50.70	-1.677	-1.657	-1.161	-0.435	0.220	0.586	0.615	0.463	0.301	0.393
5081	50.80	0.776	1.323	1.785	1.919	1.614	0.958	0.195	-0.399	-0.667	-0.657
5091	50.90	-0.613	-0.856	-1.617	-2.913	-4.512	-6.028	-7.088	-7.692	-7.293	-6.759
5101	51.00	-6.232	-5.964	-5.999	-6.169	-6.182	-5.779	-4.862	-3.544	-2.108	-0.886
5111	51.10	-0.130	0.073	-0.190	-0.711	-1.250	-1.615	-1.704	-1.503	-1.065	-0.481
5121	51.20	0.143	0.700	1.098	1.289	1.282	1.158	1.044	1.065	1.287	1.679
5131	51.30	2.119	2.448	2.550	2.418	2.164	1.979	2.034	2.398	2.992	3.622
5141	51.40	4.066	4.181	3.971	3.576	3.199	2.999	3.010	3.122	3.149	2.926
5151	51.50	2.404	1.684	0.974	0.494	0.370	0.581	0.972	1.334	1.500	1.419
5161	51.60	1.160	0.868	0.627	0.651	0.755	0.889	0.952	0.890	0.730	0.550
5171	51.70	0.434	0.425	0.500	0.583	0.591	0.475	0.231	-0.087	-0.419	-0.728
5181	51.80	-1.011	-1.309	-1.662	-2.085	-2.554	-3.006	-3.369	-3.591	-3.657	-3.587
5191	51.90	-3.418	-3.173	-2.869	-2.419	-1.852	-1.144	-0.335	0.493	1.235	1.801
5201	52.00	2.152	2.313	2.365	2.416	2.556	2.821	3.173	3.511	3.703	3.630
5211	52.10	3.229	2.519	1.594	0.594	-0.331	-1.074	-1.592	-1.909	-2.100	-2.247
5221	52.20	-2.409	-2.596	-2.768	-2.855	-2.791	-2.563	-2.117	-1.586	-1.042	-0.590
5231	52.30	-0.316	-0.274	-0.478	-0.902	-1.489	-2.161	-2.827	-3.397	-3.796	-3.976
5241	52.40	-3.927	-3.682	-3.308	-2.894	-2.524	-2.255	-2.101	-2.023	-1.945	-1.775
5251	52.50	-1.434	-0.887	-0.156	0.681	1.516	2.238	2.787	3.159	3.411	3.629
5261	52.60	3.888	4.207	4.530	4.749	4.743	4.461	3.866	3.134	2.426	1.900
5271	52.70	1.650	1.646	1.764	1.864	1.771	1.536	1.245	1.071	1.166	1.590
5281	52.80	2.265	3.009	3.612	3.921	3.912	3.680	3.387	3.169	3.060	2.972
5291	52.90	2.756	2.175	1.211	-0.113	-1.643	-3.184	-4.578	-5.765	-6.769	-7.667
5301	53.00	-8.496	-9.217	-9.716	-9.856	-9.562	-8.877	-7.968	-7.064	-6.355	-5.900
5311	53.10	-5.587	-5.176	-4.391	-3.063	-1.202	0.983	3.150	4.952	6.149	6.690
5321	53.20	6.697	6.399	6.021	5.698	5.436	5.145	4.707	4.055	3.218	2.313
5331	53.30	1.492	0.872	0.486	0.270	0.103	-0.129	-0.476	-0.894	-1.267	-1.457
5341	53.40	-1.371	-1.004	-0.440	0.183	0.735	1.144	1.421	1.641	1.898	2.246
5351	53.50	2.672	3.096	3.408	3.518	3.397	3.084	2.668	2.235	1.835	1.455
5361	53.60	1.037	0.516	-0.136	-0.890	-1.663	-2.344	-2.866	-3.123	-3.187	-3.084
5371	53.70	-2.872	-2.592	-2.270	-1.923	-1.580	-1.286	-1.083	-1.001	-1.017	-1.061
5381	53.80	-1.042	-0.894	-0.618	-0.302	-0.097	-0.151	-0.546	-1.247	-2.109	-2.926
5391	53.90	-3.513	-3.779	-3.750	-3.541	-3.287	-3.063	-2.850	-2.543	-2.018	-1.210
5401	54.00	-0.164	0.959	1.937	2.570	2.753	2.508	1.962	1.287	0.637	0.101
5411	54.10	-0.296	-0.566	-0.719	-0.745	-0.619	-0.328	0.102	0.599	1.074	1.457
5421	54.20	1.737	1.971	2.254	2.667	3.225	3.859	4.433	4.804	4.886	4.686
5431	54.30	4.308	3.900	3.592	3.442	3.419	3.422	3.333	3.069	2.606	1.979
5441	54.40	1.255	0.501	-0.240	-0.943	-1.592	-2.165	-2.630	-2.963	-3.162	-3.262
5451	54.50	-3.325	-3.419	-3.580	-3.794	-4.001	-4.119	-4.087	-3.897	-3.596	-3.266
5461	54.60	-2.980	-2.768	-2.602	-2.416	-2.135	-1.732	-1.232	-0.710	-0.251	0.087
5471	54.70	0.304	0.458	0.627	0.876	1.220	1.615	1.982	2.241	2.349	2.317
5481	54.80	2.200	2.073	1.989	1.967	1.982	1.989	1.946	1.838	1.685	1.526
5491	54.90	1.406	1.351	1.356	1.389	1.402	1.350	1.207	0.971	0.665	0.327

Table 7—30—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.003	-0.292	-0.520	-0.683	-0.788	-0.869	-0.878	-0.888	-0.885	-0.877
5511	55.10	-0.873	-0.883	-0.918	-0.985	-1.076	-1.173	-1.248	-1.273	-1.234	-1.140
5521	55.20	-1.021	-0.918	-0.864	-0.868	-0.908	-0.936	-0.902	-0.782	-0.589	-0.383
5531	55.30	-0.246	-0.254	-0.446	-0.805	-1.261	-1.711	-2.055	-2.226	-2.204	-2.023
5541	55.40	-1.750	-1.464	-1.231	-1.093	-1.056	-1.104	-1.201	-1.304	-1.377	-1.395
5551	55.50	-1.346	-1.238	-1.087	-0.916	-0.749	-0.603	-0.489	-0.410	-0.365	-0.343
5561	55.60	-0.323	-0.274	-0.157	0.060	0.394	0.825	1.300	1.747	2.102	2.344
5571	55.70	2.516	2.715	3.063	3.647	4.480	5.477	6.476	7.302	7.829	8.032
5581	55.80	7.990	7.844	7.716	7.646	7.559	7.291	6.657	5.542	3.953	2.033
5591	55.90	0.017	-1.854	-3.401	-4.554	-5.345	-5.869	-6.228	-6.491	-6.689	-6.824
5601	56.00	-6.898	-6.923	-6.915	-6.880	-6.800	-6.652	-6.336	-5.901	-5.369	-4.819
5611	56.10	-4.339	-3.972	-3.690	-3.391	-2.950	-2.278	-1.378	-0.358	0.602	1.328
5621	56.20	1.721	1.805	1.714	1.633	1.720	2.041	2.551	3.125	3.623	3.952
5631	56.30	4.098	4.124	4.123	4.175	4.306	4.491	4.675	4.805	4.862	4.858
5641	56.40	4.828	4.796	4.762	4.694	4.544	4.268	3.847	3.288	2.629	1.919
5651	56.50	1.205	0.526	-0.094	-0.850	-1.149	-1.611	-2.063	-2.525	-3.000	-3.468
5661	56.60	-3.887	-4.206	-4.389	-4.431	-4.367	-4.256	-4.156	-4.091	-4.044	-3.952
5671	56.70	-3.743	-3.368	-2.830	-2.186	-1.525	-0.932	-0.450	-0.072	0.249	0.567
5681	56.80	0.908	1.254	1.549	1.727	1.748	1.616	1.379	1.103	0.848	0.639
5691	56.90	0.464	0.287	0.068	-0.212	-0.552	-0.930	-1.325	-1.717	-2.096	-2.445
5701	57.00	-2.738	-2.934	-2.990	-2.879	-2.606	-2.215	-1.778	-1.369	-1.043	-0.818
5711	57.10	-0.674	-0.568	-0.458	-0.315	-0.137	0.063	0.261	0.434	0.565	0.643
5721	57.20	0.661	0.624	0.544	0.459	0.408	0.433	0.554	0.753	0.972	1.133
5731	57.30	1.161	1.025	0.746	0.397	0.072	-0.152	-0.262	-0.295	-0.318	-0.419
5741	57.40	-0.662	-0.975	-1.355	-1.696	-1.924	-2.008	-1.963	-1.836	-1.673	-1.500
5751	57.50	-1.307	-1.067	-0.753	-0.360	0.079	0.514	0.889	1.176	1.383	1.552
5761	57.60	1.738	1.983	2.294	2.641	2.965	3.205	3.320	3.305	3.190	3.026
5771	57.70	2.864	2.737	2.651	2.585	2.506	2.383	2.203	1.974	1.721	1.478
5781	57.80	1.267	1.099	0.962	0.834	0.688	0.509	0.297	0.065	-0.160	-0.358
5791	57.90	-0.515	-0.636	-0.733	-0.824	-0.922	-1.031	-1.145	-1.257	-1.358	-1.451
5801	58.00	-1.543	-1.642	-1.751	-1.860	-1.948	-1.989	-1.963	-1.866	-1.714	-1.543
5811	58.10	-1.397	-1.317	-1.327	-1.428	-1.598	-1.800	-1.991	-2.132	-2.200	-2.182
5821	58.20	-2.084	-1.916	-1.695	-1.440	-1.172	-0.909	-0.672	-0.480	-0.345	-0.271
5831	58.30	-0.249	-0.257	-0.266	-0.245	-0.172	-0.060	0.143	0.354	0.567	0.762
5841	58.40	0.935	1.097	1.269	1.474	1.722	2.006	2.303	2.580	2.812	2.987
5851	58.50	3.119	3.236	3.374	3.559	3.790	4.040	4.261	4.398	4.411	4.288
5861	58.60	4.050	3.761	3.415	3.110	2.837	2.578	2.297	1.959	1.553	1.100
5871	58.70	0.651	0.273	0.019	-0.093	-0.085	-0.018	0.036	0.022	-0.079	-0.236
5881	58.80	-0.388	-0.468	-0.434	-0.295	-0.111	0.023	0.008	-0.223	-0.683	-1.326
5891	58.90	-2.062	-2.791	-3.430	-3.937	-4.314	-4.597	-4.825	-5.025	-5.191	-5.288
5901	59.00	-5.267	-5.089	-4.742	-4.246	-3.654	-3.028	-2.420	-1.858	-1.362	-0.853
5911	59.10	-0.373	0.103	0.554	0.938	1.211	1.341	1.327	1.202	1.021	0.846
5921	59.20	0.724	0.677	0.693	0.743	0.787	0.796	0.756	0.668	0.549	0.420
5931	59.30	0.303	0.214	0.166	0.162	0.208	0.298	0.421	0.558	0.689	0.792
5941	59.40	0.854	0.868	0.839	0.780	0.709	0.642	0.610	0.606	0.632	0.662
5951	59.50	0.657	0.563	0.328	-0.083	-0.672	-1.399	-2.193	-2.962	-3.626	-4.130
5961	59.60	-4.459	-4.629	-4.671	-4.611	-4.455	-4.191	-3.802	-3.284	-2.660	-1.979
5971	59.70	-1.300	-0.670	-0.104	0.420	0.965	1.511	2.129	2.764	3.348	3.799
5981	59.80	4.058	4.113	3.997	3.779	3.528	3.284	3.044	2.769	2.407	1.927
5991	59.90	1.335	0.680	0.036	-0.525	-0.955	-1.239	-1.392	-1.436	-1.384	-1.235

Table 7—30—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1125 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6005	60.00	-0.977	-0.603	-0.135	0.380	0.874	1.283	1.576	1.763	1.693	2.029
6011	60.10	2.221	2.477	2.762	3.007	3.144	3.128	2.948	2.639	2.246	1.805
6021	60.20	1.348	0.881	0.415	-0.032	-0.424	-0.722	-0.900	-0.970	-0.980	-1.001
6031	60.30	-1.092	-1.274	-1.509	-1.720	-1.820	-1.758	-1.541	-1.240	-0.954	-0.768
6041	60.40	-0.714	-0.756	-0.813	-0.798	-0.662	-0.618	-0.537	0.085	0.169	0.082
6051	60.50	-0.157	-0.491	-0.856	-1.203	-1.508	-1.762	-1.960	-2.087	-2.130	-2.086
6061	60.60	-1.984	-1.877	-1.832	-1.896	-2.061	-2.270	-2.420	-2.407	-2.272	-1.728
6071	60.70	-1.157	-0.575	-0.086	0.267	0.509	0.721	0.994	1.384	1.884	2.423
6081	60.80	2.890	3.175	3.200	2.961	2.423	1.707	0.875	0.023	-0.745	-1.316
6091	60.90	-1.578	-1.440	-0.861	0.124	1.392	2.746	3.957	4.815	5.191	5.061
6101	61.00	4.519	3.738	2.918	2.221	1.726	1.402	1.149	0.833	0.351	-0.315
6111	61.10	-1.081	-1.783	-2.231	-2.271	-1.845	-1.009	0.088	1.217	2.203	2.909
6121	61.20	3.295	3.409	3.360	3.273	3.260	3.365	3.572	3.766	3.854	3.596
6131	61.30	2.850	1.528	-0.331	-2.549	-4.827	-6.815	-8.209	-8.836	-8.709	-8.005
6141	61.40	-6.992	-5.928	-4.968	-4.126	-3.311	-2.398	-1.320	-0.118	1.063	2.039
6151	61.50	2.663	2.884	2.757	2.395	1.908	1.351	0.715	-0.029	-0.880	-1.765
6161	61.60	-2.550	-3.099	-3.367	-3.352	-3.274	-3.310	-3.586	-4.076	-4.597	-4.876
6171	61.70	-4.676	-3.912	-2.703	-1.332	-0.133	0.666	0.937	0.857	0.635	0.493
6181	61.80	0.542	0.750	0.979	1.040	0.976	0.703	0.383	0.147	0.060	0.088
6191	61.90	0.125	0.062	-0.138	-0.407	-0.598	-0.558	-0.213	0.390	1.092	1.696
6201	62.00	2.051	2.122	1.982	1.813	1.729	1.808	2.010	2.226	2.336	2.274
6211	62.10	2.058	1.779	1.554	1.429	1.438	1.515	1.574	1.553	1.440	1.276
6221	62.20	1.131	1.059	1.077	1.156	1.240	1.279	1.255	1.184	1.107	1.065
6231	62.30	1.075	1.119	1.166	1.177	1.129	1.023	0.879	0.724	0.583	0.466
6241	62.40	0.373	0.302	0.255	0.236	0.254	0.310	0.396	0.485	0.557	0.588
6251	62.50	0.569	0.510	0.430	0.352	0.290	0.241	0.188	0.102	-0.040	-0.248
6261	62.60	-0.503	-0.763	-0.969	-1.067	-1.026	-0.847	-0.572	-0.267	-0.004	0.162
6271	62.70	0.203	0.124	-0.048	-0.283	-0.556	-0.852	-1.163	-1.477	-1.771	-2.021
6281	62.80	-2.207	-2.331	-2.418	-2.510	-2.669	-2.852	-3.106	-3.368	-3.586	-3.725
6291	62.90	-3.773	-3.740	-3.631	-3.430	-3.082	-2.516	-1.677	-0.570	0.722	2.053
6301	63.00	3.253	4.193	4.827	5.195	5.385	5.474	5.477	5.327	4.918	4.161
6311	63.10	3.059	1.727	0.371	-0.787	-1.590	-2.000	-2.099	-2.036	-1.942	-1.885
6321	63.20	-1.838	-1.721	-1.462	-1.068	-0.544	-0.056	0.328	0.586	0.784	1.029
6331	63.30	1.409	1.928	2.480	2.885	2.955	2.581	1.782	0.701	-0.446	-1.447
6341	63.40	-2.160	-2.544	-2.643	-2.548	-2.369	-2.106	-1.841	-1.553	-1.234	-0.880
6351	63.50	-0.493	-0.080	0.348	0.764	1.130	1.390	1.491	1.404	1.146	0.786
6361	63.60	0.405	0.065	-0.150	-0.338	-0.559	-0.883	-1.325	-1.820	-2.240	-2.452
6371	63.70	-2.386	-2.085	-1.687	-1.383	-1.329	-1.573	-2.033	-2.528	-2.856	-2.878
6381	63.80	-2.565	-2.001	-1.333	-0.699	-0.175	0.238	0.590	0.932	1.277	1.585
6391	63.90	1.789	1.836	1.715	1.486	1.241	1.071	1.025	1.091	1.213	1.317
6401	64.00	1.352	1.311	1.227	1.152	1.128	1.164	1.237	1.307	1.335	1.309
6411	64.10	1.244	1.176	1.161	1.162	1.237	1.344	1.450	1.530	1.575	1.601
6421	64.20	1.635	1.707	1.850	1.982	2.107	2.124	1.951	1.530	0.857	-0.013
6431	64.30	-0.975	-1.910	-2.716	-3.338	-3.776	-4.064	-4.246	-4.338	-4.321	-4.149
6441	64.40	-3.779	-3.207	-2.479	-1.689	-0.944	-0.328	0.124	0.429	0.631	0.773
6451	64.50	0.868	0.902	0.851	0.710	0.509	0.309	0.172	0.125	0.140	0.142
6461	64.60	0.058	-0.140	-0.395	-0.577	-0.534	-0.166	0.519	1.384	2.212	2.792
6471	64.70	3.005	2.877	2.557	2.246	2.082	2.086	2.123	1.971	1.423	0.390
6481	64.80	-1.040	-2.618	-4.022	-4.968	-5.302	-5.043	-4.350	-3.445	-2.529	-1.715
6491	64.90	-1.027	-0.423	0.147	0.701	1.212	1.624	1.890	1.996	1.974	1.884

Table 7—30—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1125 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.781	1.691	1.603	1.482	1.293	1.025	0.702	0.373	0.083	-0.143
6511	65.10	-0.318	-0.480	-0.676	-0.930	-1.235	-1.545	-1.793	-1.911	-1.857	-1.619
6521	65.20	-1.219	-0.700	-0.109	0.510	1.125	1.716	2.262	2.744	3.138	3.418
6531	65.30	3.559	3.567	3.382	3.080	2.674	2.211	1.737	1.295	0.910	0.594
6541	65.40	0.340	0.134	-0.041	-0.199	-0.346	-0.484	-0.614	-0.735	-0.863	-0.929
6551	65.50	-0.976	-0.960	-0.863	-0.677	-0.418	-0.126	0.142	0.335	0.421	0.404
6561	65.60	0.320	0.220	0.147	0.112	0.091	0.034	-0.114	-0.378	-0.740	-1.137
6571	65.70	-1.483	-1.702	-1.760	-1.673	-1.504	-1.336	-1.236	-1.229	-1.292	-1.366
6581	65.80	-1.386	-1.305	-1.115	-0.847	-0.553	-0.278	-0.044	0.159	0.363	0.604
6591	65.90	0.900	1.238	1.578	1.864	2.053	2.124	2.085	1.966	1.799	1.605
6601	66.00	1.388	1.138	0.844	0.511	0.163	-0.164	-0.440	-0.657	-0.841	-1.039
6611	66.10	-1.301	-1.648	-2.058	-2.468	-2.794	-2.968	-2.968	-2.835	-2.650	-2.505
6621	66.20	-2.460	-2.518	-2.623	-2.688	-2.636	-2.435	-2.109	-1.720	-1.341	-1.010
6631	66.30	-0.721	-0.429	-0.081	0.345	0.825	1.286	1.665	1.841	1.871	1.793
6641	66.40	1.701	1.684	1.787	1.995	2.244	2.450	2.552	2.535	2.431	2.294
6651	66.50	2.178	2.102	2.053	1.995	1.895	1.743	1.561	1.387	1.255	1.180
6661	66.60	1.146	1.119	1.067	0.978	0.865	0.760	0.692	0.669	0.674	0.668
6671	66.70	0.616	0.506	0.355	0.207	0.105	0.065	0.061	0.026	-0.124	-0.455
6681	66.80	-0.984	-1.666	-2.403	-3.076	-3.584	-3.874	-3.955	-3.888	-3.756	-3.636
6691	66.90	-3.570	-3.561	-3.574	-3.564	-3.492	-3.343	-3.129	-2.883	-2.642	-2.430
6701	67.00	-2.255	-2.101	-1.937	-1.730	-1.458	-1.119	-0.732	-0.330	0.050	0.384
6711	67.10	0.662	0.893	1.098	1.293	1.481	1.646	1.760	1.798	1.753	1.644
6721	67.20	1.515	1.418	1.389	1.430	1.508	1.566	1.554	1.455	1.303	1.171
6731	67.30	1.146	1.292	1.617	2.071	2.553	2.959	3.212	3.286	3.211	3.049
6741	67.40	2.861	2.687	2.534	2.393	2.251	2.111	1.993	1.918	1.889	1.882
6751	67.50	1.846	1.725	1.485	1.132	0.713	0.295	-0.067	-0.347	-0.564	-0.757
6761	67.60	-0.963	-1.189	-1.402	-1.550	-1.582	-1.487	-1.299	-1.088	-0.931	-0.879
6771	67.70	-0.932	-1.051	-1.172	-1.245	-1.252	-1.212	-1.166	-1.150	-1.180	-1.246
6781	67.80	-1.319	-1.382	-1.433	-1.487	-1.566	-1.681	-1.816	-1.934	-1.992	-1.961
6791	67.90	-1.842	-1.664	-1.469	-1.291	-1.140	-1.006	-0.863	-0.696	-0.506	-0.313
6801	68.00	-0.141	0.000	0.127	0.275	0.479	0.751	1.063	1.356	1.556	1.614
6811	68.10	1.528	1.346	1.169	1.021	1.006	1.099	1.248	1.378	1.429	1.377
6821	68.20	1.242	1.077	0.933	0.842	0.801	0.776	0.723	0.607	0.420	0.180
6831	68.30	-0.076	-0.307	-0.485	-0.603	-0.668	-0.698	-0.700	-0.685	-0.651	-0.592
6841	68.40	-0.508	-0.406	-0.302	-0.212	-0.143	-0.094	-0.050	0.011	0.106	0.240
6851	68.50	0.399	0.555	0.677	0.741	0.745	0.709	0.685	0.644	0.656	0.685
6861	68.60	0.693	0.636	0.484	0.240	-0.059	-0.354	-0.587	-0.726	-0.774	-0.766
6871	68.70	-0.749	-0.756	-0.790	-0.819	-0.792	-0.668	-0.632	-0.511	0.233	0.531
6881	68.80	0.726	0.801	0.776	0.699	0.627	0.599	0.628	0.703	0.798	0.887
6891	68.90	0.953	0.996	1.017	1.027	1.024	1.001	0.965	0.849	0.716	0.555
6901	69.00	0.378	0.196	0.008	-0.197	-0.436	-0.721	-1.048	-1.396	-1.726	-1.995
6911	69.10	-2.172	-2.269	-2.245	-2.204	-2.122	-2.180	-2.225	-2.275	-2.273	-2.173
6921	69.20	-1.958	-1.655	-1.333	-1.076	-0.953	-0.987	-1.149	-1.367	-1.562	-1.677
6931	69.30	-1.705	-1.683	-1.678	-1.745	-1.907	-2.136	-2.365	-2.515	-2.521	-2.351
6941	69.40	-2.007	-1.515	-0.910	-0.220	0.529	1.309	2.085	2.812	3.446	3.960
6951	69.50	4.353	4.667	4.870	5.035	5.125	5.092	4.878	4.449	3.822	3.070
6961	69.60	2.308	1.653	1.187	0.926	0.825	0.802	0.778	0.709	0.601	0.497
6971	69.70	0.457	0.523	0.709	0.999	1.385	1.774	2.205	2.635	3.032	3.342
6981	69.80	3.595	3.620	3.574	3.463	3.269	0.735	-0.164	-0.957	-1.597	-2.089
6991	69.90	-2.473	-2.795	-3.088	-3.354	-3.567	-3.692	-3.699	-3.585	-3.371	-3.101

Table 7—30—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1123 106-GR-1-S1 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-2.324	-2.583	-2.623	-2.361	-2.336	-2.390	-2.479	-2.579	-2.673	-2.751
7011	70.10	-2.812	-2.861	-2.905	-2.946	-2.980	-2.997	-2.984	-2.930	-2.829	-2.681
7021	70.20	-2.487	-2.248	-1.959	-1.616	-1.218	-0.778	-0.322	0.108	0.470	0.732
7031	70.30	0.885	0.947	0.954	0.951	0.974	1.038	1.140	1.258	1.370	1.461
7041	70.40	1.529	1.586	1.667	1.726	1.827	1.947	2.078	2.213	2.317	2.378
7051	70.50	2.608	2.736	2.860	2.975	3.077	3.167	3.243	3.308	3.358	3.384
7061	70.60	3.373	3.310	3.189	3.012	2.793	2.555	2.315	2.085	1.857	1.611
7071	70.70	1.316	0.963	0.473	-0.089	-0.719	-1.374	-2.000	-2.547	-2.976	-3.268
7081	70.80	-3.429	-3.483	-3.466	-3.414	-3.354	-3.293	-3.220	-3.108	-2.930	-2.668
7091	70.90	-2.327	-1.932	-1.528	-1.158	-0.853	-0.615	-0.425	-0.249	-0.060	0.147
7101	71.00	0.343	0.481	0.504	0.379	0.110	-0.259	-0.657	-1.010	-1.262	-1.393
7111	71.10	-1.407	-1.323	-1.148	-0.873	-0.473	0.072	0.749	1.498	2.222	2.812
7121	71.20	3.191	3.343	3.325	3.247	3.223	3.320	3.528	3.762	3.896	3.821
7131	71.30	3.496	2.965	2.339	1.744	1.261	0.895	0.568	0.168	-0.396	-1.139
7141	71.40	-1.985	-2.787	-3.389	-3.685	-3.666	-3.416	-3.077	-2.782	-2.609	-2.553
7151	71.50	-2.546	-2.499	-2.355	-2.114	-1.832	-1.587	-1.433	-1.372	-1.345	-1.266
7161	71.60	-1.064	-0.724	-0.305	0.078	0.302	0.278	-0.007	-0.484	-1.029	-1.502
7171	71.70	-1.795	-1.857	-1.701	-1.386	-0.985	-0.571	-0.182	0.162	0.463	0.730
7181	71.80	0.975	1.210	1.445	1.692	1.960	2.250	2.553	2.842	3.080	3.227
7191	71.90	3.254	3.148	2.922	2.610	2.258	1.913	1.608	1.357	1.147	0.949
7201	72.00	0.727	0.451	0.112	-0.270	-0.645	-0.949	-1.118	-1.105	-0.896	-0.513
7211	72.10	-0.003	0.570	1.143	1.667	2.106	2.440	2.651	2.722	2.639	2.391
7221	72.20	1.986	1.450	0.830	0.187	-0.415	-0.924	-1.305	-1.544	-1.666	-1.631
7231	72.30	-1.526	-1.365	-1.185	-1.025	-0.920	-0.897	-0.966	-1.118	-1.322	-1.538
7241	72.40	-1.728	-1.867	-1.955	-2.014	-2.084	-2.200	-2.387	-2.640	-2.926	-3.196
7251	72.50	-3.386	-3.458	-3.389	-3.188	-2.887	-2.528	-2.153	-1.791	-1.454	-1.144
7261	72.60	-0.856	-0.586	-0.333	-0.098	0.119	0.324	0.527	0.739	0.963	1.192
7271	72.70	1.411	1.601	1.751	1.864	1.959	2.061	2.195	2.369	2.569	2.762
7281	72.80	2.903	2.954	2.892	2.721	2.470	2.190	1.938	1.769	1.719	1.797
7291	72.90	1.977	2.199	2.381	2.439	2.310	1.975	1.469	0.872	0.281	-0.219
7301	73.00	-0.592	-0.856	-1.077	-1.338	-1.698	-2.165	-2.687	-3.171	-3.509	-3.620
7311	73.10	-3.469	-3.076	-2.506	-1.868	-1.190	-0.608	-0.144	0.192	0.429	0.628
7321	73.20	0.866	1.213	1.697	2.285	2.874	3.315	3.467	3.266	2.667	1.849
7331	73.30	0.975	0.226	-0.282	-0.535	-0.607	-0.616	-0.649	-0.719	-0.761	-0.668
7341	73.40	-0.359	0.169	0.821	1.436	1.854	1.979	1.817	1.467	1.060	0.703
7351	73.50	0.426	0.179	-0.135	-0.603	-1.257	-2.053	-2.900	-3.694	-4.362	-4.883
7361	73.60	-5.273	-5.560	-5.755	-5.839	-5.778	-5.543	-5.139	-4.610	-4.023	-3.445
7371	73.70	-2.913	-2.429	-1.966	-1.490	-0.987	-0.467	0.036	0.479	0.832	1.078
7381	73.80	1.220	1.269	1.235	1.133	0.981	0.807	0.645	0.525	0.461	0.439
7391	73.90	0.430	0.406	0.366	0.343	0.412	0.643	1.076	1.686	2.386	3.052
7401	74.00	3.575	3.901	4.055	4.119	4.185	4.302	4.444	4.512	4.379	3.952
7411	74.10	3.219	2.275	1.288	0.442	-0.122	-0.356	-0.304	-0.079	0.191	0.413
7421	74.20	0.546	0.606	0.633	0.663	0.711	0.762	0.790	0.775	0.715	0.626
7431	74.30	0.537	0.468	0.425	0.399	0.371	0.329	0.272	0.213	0.172	0.160
7441	74.40	0.179	0.211	0.232	0.221	0.174	0.107	0.055	0.056	0.135	0.292
7451	74.50	0.492	0.676	0.773	0.725	0.690	0.079	-0.473	-1.106	-1.754	-2.361
7461	74.60	-2.890	-3.322	-3.653	-3.876	-3.989	-3.987	-3.875	-3.673	-3.419	-3.150
7471	74.70	-2.941	-2.785	-2.684	-2.604	-2.493	-2.313	-2.051	-1.737	-1.431	-1.206
7481	74.80	-1.118	-1.189	-1.397	-1.681	-1.971	-2.203	-2.345	-2.393	-2.374	-2.321
7491	74.90	-2.260	-2.199	-2.125	-2.014	-1.836	-1.569	-1.201	-0.737	-0.188	0.424

Table 7—30—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1123 106-GR-1-S1 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.16 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	1.080	1.760	2.444	3.122	3.771	4.367	4.880	5.276	5.520	5.595
7511	75.10	5.504	5.277	4.971	4.646	4.356	4.118	3.928	3.748	3.538	3.280
7521	75.20	2.982	2.685	2.436	2.266	2.167	2.091	1.973	1.760	1.447	1.084
7531	75.30	0.766	0.589	0.610	0.819	1.134	1.438	1.623	1.638	1.500	1.286
7541	75.40	1.086	0.960	0.908	0.871	0.762	0.511	0.102	-0.419	-0.955	-1.405
7551	75.50	-1.702	-1.834	-1.845	-1.810	-1.796	-1.841	-1.936	-2.042	-2.106	-2.090
7561	75.60	-1.976	-1.774	-1.510	-1.219	-0.931	-0.671	-0.459	-0.309	-0.229	-0.219
7571	75.70	-0.265	-0.350	-0.449	-0.561	-0.615	-0.668	-0.705	-0.733	-0.762	-0.804
7581	75.80	-0.870	-0.975	-1.130	-1.332	-1.562	-1.782	-1.940	-1.989	-1.906	-1.696
7591	75.90	-1.399	-1.069	-0.756	-0.490	-0.277	-0.101	0.052	0.187	0.290	0.336
7601	76.00	0.308	0.211	0.072	-0.067	-0.171	-0.229	-0.262	-0.315	-0.431	-0.634
7611	76.10	-0.915	-1.237	-1.556	-1.842	-2.089	-2.312	-2.528	-2.732	-2.887	-2.937
7621	76.20	-2.826	-2.532	-2.089	-1.577	-1.096	-0.731	-0.514	-0.415	-0.360	-0.264
7631	76.30	-0.075	0.208	0.538	0.844	1.072	1.210	1.291	1.327	1.522	1.765
7641	76.40	2.020	2.283	2.466	2.524	2.460	2.320	2.170	2.067	2.037	2.066
7651	76.50	2.116	2.147	2.145	2.126	2.131	2.201	2.355	2.572	2.790	2.930
7661	76.60	2.924	2.737	2.382	1.915	1.412	0.944	0.553	0.243	-0.013	-0.261
7671	76.70	-0.544	-0.885	-1.282	-1.707	-2.121	-2.480	-2.751	-2.916	-2.973	-2.933
7681	76.80	-2.814	-2.635	-2.413	-2.162	-1.895	-1.626	-1.372	-1.155	-0.997	-0.918
7691	76.90	-0.923	-1.006	-1.142	-1.298	-1.439	-1.540	-1.595	-1.613	-1.620	-1.641
7701	77.00	-1.691	-1.769	-1.857	-1.923	-1.934	-1.863	-1.701	-1.455	-1.149	-0.817
7711	77.10	-0.499	-0.227	-0.025	0.100	0.161	0.185	0.207	0.260	0.363	0.317
7721	77.20	0.700	0.880	1.025	1.116	1.155	1.159	1.154	1.159	1.178	1.202
7731	77.30	1.214	1.198	1.152	1.090	1.030	0.990	0.978	0.986	0.997	0.993
7741	77.40	0.967	0.920	0.862	0.802	0.742	0.676	0.595	0.494	0.378	0.264
7751	77.50	0.168	0.100	0.053	0.011	-0.048	-0.132	-0.234	-0.328	-0.384	-0.383
7761	77.60	-0.331	-0.250	-0.175	-0.117	-0.068	0.014	0.188	0.498	0.951	1.511
7771	77.70	2.101	2.637	3.053	3.327	3.474	3.536	3.549	3.526	3.449	3.285
7781	77.80	3.010	2.629	2.183	1.736	1.350	1.058	0.869	0.678	0.486	0.228
7791	77.90	-0.106	-0.488	-0.869	-1.201	-1.455	-1.633	-1.757	-1.853	-1.932	-1.983
7801	78.00	-1.984	-1.909	-1.750	-1.526	-1.267	-1.024	-0.828	-0.693	-0.611	-0.561
7811	78.10	-0.523	-0.484	-0.443	-0.402	-0.360	-0.309	-0.235	-0.130	0.000	0.128
7821	78.20	0.212	0.211	0.100	-0.116	-0.401	-0.697	-0.949	-1.118	-1.194	-1.196
7831	78.30	-1.156	-1.106	-1.063	-1.023	-0.975	-0.905	-0.809	-0.698	-0.592	-0.509
7841	78.40	-0.460	-0.438	-0.429	-0.415	-0.383	-0.332	-0.266	-0.195	-0.125	-0.055
7851	78.50	0.017	0.088	0.149	0.180	0.166	0.089	-0.038	-0.189	-0.328	-0.419
7861	78.60	-0.443	-0.402	-0.323	-0.237	-0.174	-0.146	-0.150	-0.170	-0.191	-0.206
7871	78.70	-0.219	-0.242	-0.281	-0.332	-0.381	-0.407	-0.400	-0.362	-0.311	-0.274
7881	78.80	-0.268	-0.294	-0.327	-0.330	-0.265	-0.111	0.124	0.408	0.696	0.949
7891	78.90	1.148	1.294	1.405	1.501	1.592	1.674	1.736	1.760	1.749	1.711
7901	79.00	1.663	1.618	1.573	1.518	1.436	1.320	1.182	1.053	0.973	0.972
7911	79.10	1.053	1.192	1.363	1.462	1.527	1.544	1.551	1.588	1.678	1.812
7921	79.20	1.945	2.012	1.960	1.763	1.437	1.031	0.603	0.200	-0.157	-0.470
7931	79.30	-0.756	-1.024	-1.275	-1.495	-1.674	-1.816	-1.944	-2.094	-2.297	-2.559
7941	79.40	-2.854	-3.126	-3.312	-3.365	-3.271	-3.056	-2.771	-2.473	-2.202	-1.977
7951	79.50	-1.799	-1.659	-1.551	-1.480	-1.449	-1.454	-1.473	-1.472	-1.414	-1.281
7961	79.60	-1.080	-0.850	-0.646	-0.508	-0.466	-0.508	-0.598	-0.696	-0.772	-0.817
7971	79.70	-0.841	-0.862	-0.891	-0.928	-0.965	-0.999	-1.040	-1.116	-1.256	-1.475
7981	79.80	-1.751	-2.024	-2.210	-2.227	-2.028	-1.622	-1.075	-0.485	0.047	0.453
7991	79.90	0.712	0.849	0.920	0.978	1.062	1.184	1.338	1.512	1.698	1.899

Table 7—30—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1123 106-GR-1-51 LG. (HD.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	2.119	2.359	2.604	2.825	2.990	3.074	3.072	3.003	2.898	2.794
8011	80.10	2.710	2.649	2.596	2.521	2.416	2.272	2.112	1.958	1.830	1.731
8021	80.20	1.666	1.566	1.403	1.206	0.965	0.709	0.473	0.280	0.133	0.011
8031	80.30	-0.119	-0.284	-0.490	-0.720	-0.940	-1.119	-1.243	-1.328	-1.412	-1.536
8041	80.40	-1.724	-1.971	-2.266	-2.500	-2.698	-2.832	-2.921	-2.999	-3.092	-3.195
8051	80.50	-3.266	-3.242	-3.065	-2.715	-2.222	-1.666	-1.142	-0.732	-0.471	-0.337
8061	80.60	-0.265	-0.176	-0.015	0.236	0.550	0.871	1.165	1.331	1.422	1.434
8071	80.70	1.397	1.338	1.278	1.225	1.178	1.138	1.103	1.072	1.044	1.018
8081	80.80	0.995	0.979	0.982	1.019	1.103	1.235	1.405	1.593	1.780	1.952
8091	80.90	2.109	2.261	2.414	2.565	2.692	2.760	2.731	2.588	2.340	2.028
8101	81.00	1.710	1.443	1.262	1.169	1.132	1.103	1.033	0.894	0.686	0.422
8111	81.10	0.147	-0.106	-0.306	-0.442	-0.511	-0.526	-0.504	-0.463	-0.420	-0.389
8121	81.20	-0.378	-0.387	-0.410	-0.436	-0.455	-0.460	-0.448	-0.424	-0.395	-0.367
8131	81.30	-0.348	-0.340	-0.343	-0.356	-0.380	-0.409	-0.441	-0.469	-0.489	-0.499
8141	81.40	-0.505	-0.515	-0.538	-0.578	-0.627	-0.669	-0.683	-0.650	-0.568	-0.449
8151	81.50	-0.325	-0.234	-0.206	-0.254	-0.369	-0.519	-0.666	-0.774	-0.827	-0.826
8161	81.60	-0.792	-0.753	-0.734	-0.748	-0.792	-0.847	-0.890	-0.899	-0.865	-0.793
8171	81.70	-0.703	-0.623	-0.586	-0.615	-0.721	-0.895	-1.112	-1.334	-1.520	-1.634
8181	81.80	-1.658	-1.592	-1.459	-1.301	-1.167	-1.102	-1.133	-1.261	-1.462	-1.690
8191	81.90	-1.889	-2.015	-2.045	-1.983	-1.859	-1.714	-1.583	-1.487	-1.421	-1.365
8201	82.00	-1.292	-1.186	-1.046	-0.889	-0.739	-0.617	-0.526	-0.450	-0.363	-0.238
8211	82.10	-0.060	0.167	0.424	0.682	0.916	1.111	1.264	1.383	1.476	1.550
8221	82.20	1.606	1.644	1.666	1.679	1.692	1.718	1.765	1.837	1.935	2.058
8231	82.30	2.205	2.374	2.558	2.744	2.910	3.033	3.091	3.075	2.991	2.855
8241	82.40	2.695	2.524	2.351	2.169	1.964	1.727	1.460	1.177	0.901	0.654
8251	82.50	0.445	0.269	0.110	-0.053	-0.229	-0.418	-0.606	-0.776	-0.919	-1.035
8261	82.60	-1.140	-1.249	-1.375	-1.516	-1.659	-1.782	-1.872	-1.926	-1.960	-2.000
8271	82.70	-2.067	-2.170	-2.290	-2.389	-2.420	-2.363	-2.145	-1.848	-1.502	-1.175
8281	82.80	-0.926	-0.791	-0.768	-0.824	-0.907	-0.968	-0.976	-0.932	-0.856	-0.782
8291	82.90	-0.733	-0.714	-0.709	-0.690	-0.634	-0.533	-0.404	-0.278	-0.183	-0.136
8301	83.00	-0.123	-0.123	-0.108	-0.065	-0.007	0.033	0.022	-0.051	-0.162	-0.267
8311	83.10	-0.229	-0.047	0.309	0.787	1.286	1.689	1.908	1.911	1.740	1.485
8321	83.20	1.250	1.107	1.080	1.136	1.213	1.256	1.241	1.184	1.131	1.126
8331	83.30	1.182	1.283	1.380	1.422	1.383	1.277	1.153	1.072	1.078	1.177
8341	83.40	1.332	1.483	1.573	1.573	1.491	1.365	1.241	1.145	1.075	1.007
8351	83.50	0.906	0.756	0.568	0.375	0.217	0.117	0.055	0.021	-0.071	-0.250
8361	83.60	-0.525	-0.859	-1.186	-1.436	-1.558	-1.541	-1.411	-1.218	-1.016	-0.839
8371	83.70	-0.700	-0.592	-0.498	-0.405	-0.324	-0.252	-0.202	-0.179	-0.177	-0.184
8381	83.80	-0.186	-0.173	-0.143	-0.099	-0.045	0.016	0.078	0.138	0.186	0.208
8391	83.90	0.191	0.133	0.040	-0.062	-0.139	-0.157	-0.094	0.057	0.281	0.555
8401	84.00	0.847	1.132	1.388	1.600	1.756	1.839	1.836	1.728	1.520	1.223
8411	84.10	0.869	0.502	0.166	-0.107	-0.303	-0.434	-0.534	-0.642	-0.792	-1.002
8421	84.20	-1.262	-1.540	-1.796	-1.997	-2.127	-2.199	-2.244	-2.298	-2.382	-2.491
8431	84.30	-2.587	-2.619	-2.543	-2.342	-2.040	-1.695	-1.379	-1.151	-1.034	-1.012
8441	84.40	-1.041	-1.072	-1.076	-1.054	-1.032	-1.044	-1.103	-1.192	-1.264	-1.257
8451	84.50	-1.124	-0.854	-0.474	-0.044	0.369	0.709	0.948	1.086	1.139	1.129
8461	84.60	1.073	0.982	0.867	0.748	0.647	0.587	0.579	0.615	0.667	0.699
8471	84.70	0.682	0.611	0.509	0.418	0.387	0.448	0.604	0.830	1.085	1.323
8481	84.80	1.515	1.651	1.741	1.803	1.855	1.906	1.956	1.998	2.028	2.042
8491	84.90	2.039	2.018	1.977	1.911	1.818	1.696	1.553	1.399	1.249	1.113

Table 7—30—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1123 106-GR-1-51 LG. (HB.) SOUKA BRIDGE MAX. ACC. = 106.680 (GAL) T= 11.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.997	0.897	0.809	0.725	0.638	0.544	0.436	0.311	0.163	-0.010
8511	85.10	-0.207	-0.414	-0.612	-0.780	-0.899	-0.964	-0.982	-0.973	-0.962	-0.969
8521	85.20	-1.002	-1.055	-1.109	-1.145	-1.152	-1.131	-1.099	-1.079	-1.096	-1.168
8531	85.30	-1.293	-1.459	-1.639	-1.803	-1.926	-1.988	-1.984	-1.920	-1.814	-1.690
8541	85.40	-1.574	-1.491	-1.456	-1.469	-1.516	-1.567	-1.593	-1.568	-1.484	-1.358
8551	85.50	-1.221	-1.113	-1.065	-1.086	-1.161	-1.254	-1.326	-1.351	-1.324	-1.264
8561	85.60	-1.201	-1.165	-1.165	-1.190	-1.213	-1.203	-1.161	-1.027	-0.880	-0.723
8571	85.70	-0.573	-0.431	-0.286	-0.119	0.074	0.281	0.470	0.603	0.655	0.628
8581	85.80	0.558	0.497	0.500	0.596	0.776	0.994	1.186	1.291	1.280	1.160
8591	85.90	0.977	0.787	0.660	0.559	0.533	0.530	0.513	0.460	0.374	0.279
8601	86.00	0.210	0.191	0.224	0.283	0.328	0.322	0.249	0.129	0.009	-0.049
8611	86.10	0.008	0.199	0.505	0.868	1.216	1.485	1.640	1.683	1.647	1.584
8621	86.20	1.538	1.533	1.567	1.621	1.669	1.696	1.701	1.701	1.715	1.761
8631	86.30	1.839	1.937	2.030	2.093	2.110	2.077	2.005	1.911	1.813	1.724
8641	86.40	1.644	1.569	1.485	1.382	1.254	1.103	0.937	0.768	0.604	0.447
8651	86.50	0.288	0.113	-0.093	-0.334	-0.601	-0.871	-1.111	-1.291	-1.393	-1.425
8661	86.60	-1.408	-1.376	-1.357	-1.361	-1.379	-1.391	-1.373	-1.319	-1.240	-1.160
8671	86.70	-1.106	-1.090	-1.106	-1.130	-1.139	-1.122	-1.091	-1.078	-1.115	-1.214
8681	86.80	-1.351	-1.471	-1.503	-1.397	-1.144	-0.787	-0.410	-0.105	0.066	0.092
8691	86.90	0.015	-0.091	-0.155	-0.137	-0.041	0.094	0.224	0.321	0.393	0.473
8701	87.00	0.602	0.802	1.058	1.323	1.541	1.669	1.702	1.669	1.623	1.607
8711	87.10	1.641	1.705	1.760	1.766	1.706	1.594	1.471	1.382	1.352	1.374
8721	87.20	1.415	1.433	1.402	1.323	1.226	1.150	1.126	1.151	1.196	1.215
8731	87.30	1.170	1.051	0.883	0.717	0.603	0.575	0.630	0.736	0.847	0.925
8741	87.40	0.957	0.955	0.946	0.956	0.991	1.035	1.052	1.011	0.897	0.725
8751	87.50	0.538	0.387	0.315	0.332	0.415	0.506	0.537	0.449	0.215	-0.151
8761	87.60	-0.597	-1.053	-1.447	-1.734	-1.900	-1.968	-1.982	-1.993	-2.036	-2.123
8771	87.70	-2.242	-2.366	-2.466	-2.525	-2.542	-2.531	-2.513	-2.504	-2.511	-2.531
8781	87.80	-2.551	-2.556	-2.535	-2.483	-2.402	-2.296	-2.176	-2.047	-1.921	-1.806
8791	87.90	-1.710	-1.639	-1.598	-1.587	-1.602	-1.642	-1.703	-1.783	-1.880	-1.987
8801	88.00	-2.095	-2.191	-2.263	-2.301	-2.298	-2.251	-2.155	-2.005	-1.796	-1.530
8811	88.10	-1.219	-0.892	-0.581	-0.321	-0.128	0.004	0.102	0.203	0.332	0.490
8821	88.20	0.651	0.771	0.813	0.771	0.678	0.603	0.619	0.778	1.079	1.468
8831	88.30	1.855	2.147	2.281	2.246	2.083	1.860	1.668	1.492	1.402	1.362
8841	88.40	1.344	1.329	1.313	1.308	1.324	1.362	1.408	1.436	1.419	1.344
8851	88.50	1.217	1.061	0.903	0.762	0.637	0.508	0.345	0.119	-0.180	-0.539
8861	88.60	-0.918	-1.263	-1.520	-1.654	-1.659	-1.561	-1.412	-1.272	-1.193	-1.205
8871	88.70	-1.302	-1.452	-1.610	-1.731	-1.788	-1.782	-1.734	-1.676	-1.635	-1.625
8881	88.80	-1.646	-1.682	-1.721	-1.755	-1.791	-1.842	-1.925	-2.047	-2.199	-2.363
8891	88.90	-2.508	-2.607	-2.644	-2.616	-2.538	-2.433	-2.327	-2.240	-2.178	-2.130
8901	89.00	-2.076	-1.987	-1.841	-1.626	-1.346	-1.014	-0.663	-0.321	-0.013	0.241
8911	89.10	0.434	0.565	0.641	0.677	0.696	0.725	0.777	0.868	0.993	1.131
8921	89.20	1.261	1.365	1.445	1.521	1.622	1.723	1.795	2.208	2.430	2.607
8931	89.30	2.721	2.788	2.842	2.921	3.038	3.173	3.285	3.330	3.293	3.200
8941	89.40	3.105	3.064	3.101	3.195	3.287	3.318	3.260	3.137	3.010	2.941
8951	89.50	2.950	3.001	3.020	2.940	2.750	2.514	2.345	2.346	2.542	2.860
8961	89.60	3.158	3.288	3.200	2.955	2.709	2.628	2.790	3.134	3.486	3.654
8971	89.70	3.542	3.216	2.871	2.735	2.927	3.379	3.844	4.116	3.991	3.566
8981	89.80	3.116	2.968	3.302	4.025	4.781	5.138	4.836	3.980	3.051	2.694
8991	89.90	3.374	5.074	7.182	8.686	8.581	6.343	2.220	-2.790	-7.299	-10.071

Table 7—31—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OMIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	-0.336	0.442	0.993	1.095	0.703	-0.009	-0.713	-1.074	-0.904	-0.253
11	0.10	0.610	1.324	1.607	1.386	0.828	0.256	-0.021	0.156	0.702	1.336
21	0.20	1.713	1.589	0.929	-0.064	-1.038	-1.625	-1.586	-0.876	0.369	1.798
31	0.30	3.158	4.176	4.713	4.756	4.395	3.788	3.115	2.540	2.166	2.018
41	0.40	2.042	2.130	2.179	2.148	2.096	2.156	2.493	3.199	4.223	5.363
51	0.50	6.318	6.807	6.684	6.007	5.013	4.019	3.277	2.864	2.657	2.397
61	0.60	1.826	0.811	-0.569	-2.057	-3.317	-4.064	-4.157	-3.632	-2.664	-1.382
71	0.70	0.003	1.429	2.843	4.170	5.263	5.924	5.961	5.296	4.014	2.396
81	0.80	0.821	-0.354	-0.928	-0.926	-0.591	-0.281	-0.328	-0.910	-1.980	-3.290
91	0.90	-4.486	-5.230	-5.319	-4.744	-3.675	-2.396	-1.200	-0.298	0.239	0.483
101	1.00	0.599	0.764	1.083	1.536	1.978	2.190	1.973	1.244	0.093	-1.223
111	1.10	-2.357	-2.995	-2.975	-2.369	-1.362	-0.350	0.395	0.749	0.788	0.735
121	1.20	0.826	1.171	1.675	2.064	2.003	1.268	-0.123	-1.881	-3.538	-4.630
131	1.30	-4.886	-4.331	-3.283	-2.195	-1.462	-1.256	-1.460	-1.743	-1.725	-1.156
141	1.40	-0.035	1.392	2.735	3.617	3.820	3.343	2.387	1.259	0.268	-0.357
151	1.50	-0.503	-0.169	0.542	1.446	2.287	2.771	2.629	1.708	0.059	-2.020
161	1.60	-4.035	-5.438	-5.820	-5.082	-3.501	-1.658	-0.241	0.208	-0.509	-2.175
171	1.70	-4.244	-6.051	-7.044	-6.959	-5.874	-4.128	-2.163	-0.359	1.069	2.094
181	1.80	2.816	3.367	3.827	4.182	4.322	4.090	3.337	1.985	0.081	-2.178
191	1.90	-4.450	-6.296	-7.279	-7.089	-5.655	-3.216	-0.275	2.502	4.497	5.314
201	2.00	4.903	3.555	1.785	0.143	-0.971	-1.418	-1.329	-1.012	-0.806	-0.950
211	2.10	-1.507	-2.357	-3.258	-3.931	-4.161	-3.763	-2.809	-1.433	0.106	1.499
221	2.20	2.469	2.859	2.696	2.188	1.668	1.463	1.757	2.498	3.396	4.016
231	2.30	3.965	3.043	1.344	-0.766	-2.786	-4.268	-4.967	-4.913	-4.351	-3.613
241	2.40	-2.967	-2.515	-2.188	-1.819	-1.259	-0.427	0.562	1.526	2.238	2.517
251	2.50	2.280	1.555	0.471	-0.721	-1.933	-2.763	-3.041	-2.626	-1.503	0.182
261	2.60	2.136	3.976	5.340	5.969	5.788	4.907	3.569	2.070	0.676	-0.413
271	2.70	-1.076	-1.251	-0.923	-0.144	0.938	2.058	2.849	2.936	2.054	0.187
281	2.80	-2.377	-5.076	-7.227	-8.234	-7.788	-5.977	-3.263	-0.342	2.081	3.504
291	2.90	3.759	3.040	1.800	0.592	-0.114	-0.067	0.704	1.926	3.179	4.037
301	3.00	4.210	3.631	2.476	1.106	-0.059	-0.682	-0.630	-0.015	0.851	1.578
311	3.10	1.850	1.539	0.748	-0.250	-1.127	-1.637	-1.703	-1.625	-1.013	-0.681
321	3.20	-0.556	-0.636	-0.820	-0.972	-0.990	-0.868	-0.585	-0.268	0.052	0.356
331	3.30	0.652	0.949	1.232	1.475	1.659	1.805	1.976	2.251	2.667	3.175
341	3.40	3.628	3.832	3.633	3.005	2.080	1.114	0.372	0.012	0.009	0.175
351	3.50	0.266	0.127	-0.201	-0.485	-0.396	0.282	1.514	2.947	4.009	4.128
361	3.60	2.979	0.655	-2.321	-5.162	-7.088	-7.596	-6.622	-4.526	-1.930	0.530
371	3.70	2.410	3.572	4.144	4.387	4.529	4.666	4.635	4.285	3.393	1.886
381	3.80	-0.120	-2.322	-4.314	-5.695	-6.185	-5.710	-4.431	-2.711	-1.031	0.147
391	3.90	0.505	-0.019	-1.206	-2.609	-3.691	-4.003	-3.341	-1.817	0.171	2.081
401	4.00	3.417	3.889	3.503	2.533	1.392	0.481	0.046	0.115	0.525	1.004
411	4.10	1.291	1.228	0.802	0.148	-0.510	-0.921	-0.892	-0.350	0.616	1.759
421	4.20	2.726	3.159	2.815	1.675	-0.024	-1.838	-3.264	-3.919	-3.681	-2.736
431	4.30	-1.427	-0.349	0.372	0.686	0.850	1.222	2.045	3.276	4.553	5.315
441	4.40	5.068	3.525	0.938	-2.144	-4.975	-6.901	-7.582	-7.068	-5.721	-4.021
451	4.50	-2.374	-1.000	0.058	0.835	1.322	1.423	0.995	-0.041	-1.589	-3.347
461	4.60	-4.887	-5.808	-5.898	-5.209	-4.013	-2.660	-1.418	-0.366	0.575	1.530
471	4.70	2.516	3.360	3.743	3.550	2.065	0.096	-2.069	-3.728	-4.416	-3.908
481	4.80	-2.393	-0.361	1.715	3.610	4.671	5.677	6.684	7.827	8.997	9.872
491	4.90	10.089	9.450	8.061	6.314	4.715	3.644	3.175	3.056	2.855	2.207

Table 7—31—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OMIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	1.028	-0.427	-1.885	-2.313	-2.370	-1.525	-0.961	-1.120	-2.391	-4.708
511	5.10	-7.549	-10.141	-11.785	-12.118	-11.249	-9.649	-7.919	-6.528	-5.668	-5.159
521	5.20	-4.787	-4.292	-3.597	-2.789	-2.019	-1.363	-0.730	0.103	1.376	3.185
531	5.30	5.389	7.622	9.615	10.360	10.243	9.081	7.061	4.438	1.446	-1.713
541	5.40	-4.830	-7.632	-9.769	-10.897	-10.816	-9.570	-7.539	-5.290	-3.401	-2.229
551	5.50	-1.771	-1.685	-1.464	-0.686	0.779	2.696	4.583	5.930	6.432	6.109
561	5.60	5.265	4.323	3.609	3.225	3.045	2.852	2.510	2.091	1.857	2.323
571	5.70	3.058	4.545	6.173	7.387	7.731	7.068	5.662	4.095	3.027	2.923
581	5.80	3.853	5.502	7.212	8.323	8.357	7.168	4.934	2.047	-1.061	-4.043
591	5.90	-6.688	-8.890	-10.580	-11.686	-12.126	-11.874	-11.008	-9.745	-8.379	-7.199
601	6.00	-6.361	-5.822	-5.359	-4.665	-3.491	-1.760	0.386	2.640	4.665	6.129
611	6.10	6.988	7.300	7.259	7.080	6.914	6.806	6.707	6.519	6.132	5.656
621	6.20	4.410	2.931	0.975	-1.439	-4.194	-7.048	-9.667	-11.696	-12.864	-13.067
631	6.30	-12.392	-11.068	-9.366	-7.495	-5.550	-3.539	-1.459	0.611	2.475	3.862
641	6.40	4.533	4.401	3.598	2.447	1.334	0.566	0.256	0.320	0.562	0.823
651	6.50	1.084	1.480	2.200	3.326	4.707	5.939	6.498	5.957	4.207	1.573
661	6.60	-1.253	-3.431	-4.267	-3.460	-1.204	1.888	4.986	7.305	8.310	7.807
671	6.70	5.934	3.071	-0.270	-3.533	-6.181	-7.760	-7.959	-6.693	-4.169	-0.790
681	6.80	2.735	5.744	7.693	8.315	7.656	6.021	3.845	1.557	-0.502	-2.098
691	6.90	-3.070	-3.296	-2.700	-1.311	0.668	2.815	4.553	5.302	4.689	2.721
701	7.00	-0.158	-3.176	-5.487	-6.466	-5.938	-4.239	-2.085	-0.297	0.500	0.695
711	7.10	-1.273	-3.050	-4.613	-5.518	-5.651	-5.219	-4.617	-4.234	-4.278	-4.709
721	7.20	-5.277	-5.637	-5.489	-4.662	-3.148	-1.059	1.414	4.047	6.581	8.722
731	7.30	10.147	10.566	9.819	7.975	5.386	2.634	0.374	-0.871	-0.698	0.096
741	7.40	1.591	2.941	3.625	3.436	2.525	1.299	0.200	-0.512	-0.877	-1.203
751	7.50	-1.894	-3.237	-5.234	-7.569	-9.718	-11.161	-11.575	-10.945	-9.549	-7.820
761	7.60	-6.177	-4.886	-4.009	-3.431	-2.941	-2.305	-1.303	0.257	2.531	5.589
771	7.70	9.331	13.393	17.118	19.646	20.127	18.013	13.325	6.769	-0.563	-6.518
781	7.80	-10.321	-10.992	-8.588	-3.979	1.441	6.189	9.143	9.842	8.566	6.063
791	7.90	3.423	1.516	0.826	1.333	2.588	3.922	4.682	4.438	3.076	0.779
801	8.00	-2.076	-5.061	-7.815	-10.100	-11.786	-12.793	-13.024	-12.352	-10.631	-7.906
811	8.10	-4.517	-0.341	3.358	6.081	7.320	6.957	5.336	3.144	1.165	-0.058
821	8.20	-0.446	-0.418	-0.693	-1.924	-4.345	-7.587	-10.762	-12.804	-12.699	-10.824
831	8.30	-7.025	-2.403	2.074	5.751	8.451	10.365	11.730	12.535	12.392	10.725
841	8.40	7.173	1.993	-3.795	-8.639	-11.021	-10.095	-6.084	-0.215	5.790	10.463
851	8.50	13.172	14.280	14.271	15.564	16.867	17.961	17.526	16.391	8.285	0.195
861	8.60	-7.914	-13.923	-16.536	-15.900	-13.592	-11.856	-12.538	-16.151	-21.580	-26.526
871	8.70	-28.510	-25.934	-18.727	-8.301	3.093	13.273	20.830	25.361	27.209	26.945
881	8.80	24.946	21.296	16.022	9.454	2.431	-3.823	-8.137	-9.890	-9.305	-7.336
891	8.90	-5.226	-3.920	-3.691	-4.141	-4.552	-4.376	-3.571	-2.592	-2.061	-2.338
901	9.00	-3.255	-4.197	-4.480	-3.804	-2.489	-1.368	-1.228	-2.496	-4.752	-6.995
911	9.10	-8.108	-7.447	-5.297	-2.570	-0.496	0.158	-0.627	-1.937	-2.628	-1.893
921	9.20	0.253	2.860	4.889	4.701	2.686	-0.666	-4.156	-6.638	-7.720	-7.687
931	9.30	-7.249	-6.937	-6.664	-5.613	-2.901	1.918	8.221	14.336	18.167	18.147
941	9.40	16.214	7.903	2.055	-0.389	2.396	10.291	21.195	31.783	38.725	39.841
951	9.50	34.732	24.701	12.087	-0.620	-11.517	-19.616	-24.766	-27.336	-27.875	-26.933
961	9.60	-25.030	-22.696	-20.457	-18.722	-17.627	-16.951	-16.089	-14.475	-11.667	-7.667
971	9.70	-2.798	2.299	7.155	11.587	15.721	19.789	23.826	27.452	29.860	30.176
981	9.80	27.649	22.199	14.424	5.455	-3.422	-11.155	-17.065	-21.035	-23.066	-23.250
991	9.90	-21.637	-17.545	-11.728	-6.655	2.432	7.955	10.462	9.300	4.756	-1.750

Table 7—31—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OMIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	-8.205	-12.671	-13.980	-12.138	-8.280	-4.213	-1.717	-1.901	-6.845	-9.633
1011	10.10	-14.729	-18.512	-19.748	-17.859	-12.940	-5.590	3.305	12.752	21.746	29.310
1021	10.20	36.566	36.858	35.929	32.058	26.077	19.189	12.642	7.356	3.657	1.239
1031	10.30	-0.624	-2.706	-5.460	-8.811	-12.204	-14.865	-16.165	-15.904	-14.396	-12.333
1041	10.40	-10.500	-9.477	-9.461	-10.258	-11.433	-12.496	-13.051	-12.828	-11.625	-9.230
1051	10.50	-5.391	0.102	7.249	15.667	24.500	32.488	38.200	40.385	38.320	32.063
1061	10.60	22.514	11.255	0.203	-8.837	-14.607	-16.705	-15.650	-12.710	-9.482	-7.387
1071	10.70	-7.207	-8.860	-11.463	-13.711	-14.403	-12.936	-9.560	-5.303	-1.580	0.329
1081	10.80	-0.254	-3.208	-7.716	-12.624	-16.856	-19.722	-20.988	-20.739	-19.133	-16.222
1091	10.90	-11.931	-6.205	0.778	8.474	16.021	22.485	27.183	29.949	31.165	31.555
1101	11.00	31.798	32.145	32.228	31.158	27.890	21.707	12.619	1.501	-10.090	-20.357
1111	11.10	-27.793	-33.610	-38.904	-39.564	-35.825	-22.056	-19.215	-17.775	-17.729	-18.731
1121	11.20	-20.284	-21.872	-23.014	-23.261	-22.193	-19.473	-14.964	-8.880	-1.868	5.054
1131	11.30	10.723	14.195	15.100	13.862	11.654	10.072	10.617	14.169	20.440	28.951
1141	11.40	37.351	43.960	47.346	46.929	43.093	36.978	30.058	23.666	18.624	15.071
1151	11.50	12.519	10.075	6.755	1.792	-5.104	-13.616	-22.815	-31.320	-37.609	-40.612
1161	11.60	-39.106	-33.963	-26.155	-17.479	-9.848	-4.740	-2.771	-3.571	-6.001	-8.620
1171	11.70	-10.210	-10.162	-8.567	-6.030	-3.311	-0.974	0.795	2.153	3.403	4.757
1181	11.80	6.212	7.577	8.630	9.296	9.731	10.252	11.146	12.458	13.875	14.778
1191	11.90	14.451	12.547	8.304	2.599	-4.167	-11.295	-18.216	-24.613	-30.414	-35.620
1201	12.00	-40.122	-43.565	-45.343	-44.741	-41.184	-34.487	-25.020	-13.717	-1.904	8.991
1211	12.10	17.785	23.808	27.036	28.012	27.617	26.745	26.021	25.554	25.472	25.123
1221	12.20	24.331	23.090	21.700	20.625	20.240	20.608	21.382	21.924	21.582	20.001
1231	12.30	17.325	14.184	11.454	9.894	9.815	10.929	12.424	13.254	12.483	9.575
1241	12.40	4.518	-2.225	-9.871	-17.501	-24.202	-29.153	-31.708	-31.501	-28.573	-23.483
1251	12.50	-17.303	-11.431	-7.245	-5.685	-6.916	-10.244	-14.321	-17.605	-18.883	-17.669
1261	12.60	-14.308	-9.773	-5.236	-1.620	0.705	1.958	2.743	3.722	5.299	7.456
1271	12.70	9.763	11.543	12.091	10.890	7.755	2.905	-3.027	-9.072	-14.073	-16.930
1281	12.80	-16.891	-13.827	-8.368	-1.802	4.253	8.350	9.689	8.373	5.340	1.961
1291	12.90	-0.524	-1.494	-1.151	-0.355	-0.168	-1.338	-3.953	-7.435	-10.849	-13.365
1301	13.00	-14.642	-14.925	-14.836	-14.967	-15.502	-16.068	-15.906	-14.266	-10.823	-5.908
1311	13.10	-0.421	4.523	8.032	9.761	9.963	9.273	8.361	7.654	7.255	7.094
1321	13.20	7.163	7.694	9.115	11.810	15.796	20.516	24.912	27.773	28.224	26.124
1331	13.30	22.166	17.607	13.749	11.407	10.612	10.689	10.653	9.735	7.706	5.038
1341	13.40	2.539	0.976	0.691	1.475	2.742	3.865	4.505	4.727	4.870	5.255
1351	13.50	5.906	6.471	6.373	5.126	2.634	-0.722	-4.243	-7.261	-9.488	-11.160
1361	13.60	-12.898	-15.342	-16.746	-22.733	-26.366	-28.488	-28.192	-25.200	-19.977	-13.553
1371	13.70	-7.151	-1.797	1.917	3.866	4.239	3.353	1.519	-0.979	-3.829	-6.639
1381	13.80	-8.970	-10.440	-10.852	-10.254	-8.874	-6.969	-4.676	-1.964	1.245	4.851
1391	13.90	8.371	10.907	11.366	8.865	3.165	-5.100	-14.519	-23.332	-30.016	-33.767
1401	14.00	-34.674	-33.506	-31.217	-28.459	-25.277	-21.195	-15.607	-8.268	0.374	9.183
1411	14.10	16.702	21.708	23.705	23.124	21.138	19.183	18.405	19.267	21.463	24.166
1421	14.20	26.448	27.693	27.829	27.301	26.839	27.141	28.599	31.167	34.392	37.552
1431	14.30	39.867	40.574	39.257	35.713	30.071	22.749	14.325	5.524	-3.009	-10.763
1441	14.40	-17.429	-22.898	-27.203	-30.441	-32.711	-34.084	-34.604	-34.286	-33.117	-31.032
1451	14.50	-27.918	-23.650	-18.193	-11.730	-4.765	1.884	7.231	10.392	10.887	8.851
1461	14.60	5.042	0.626	-3.191	-5.564	-6.262	-5.694	-4.694	-4.163	-4.719	-6.491
1471	14.70	-9.114	-11.911	-14.155	-15.308	-15.157	-13.826	-11.696	-9.298	-7.202	-5.926
1481	14.80	-5.854	-7.142	-9.645	-12.875	-16.070	-18.362	-19.013	-17.654	-14.414	-9.873
1491	14.90	-4.854	-0.116	3.922	7.305	10.469	13.994	18.294	23.379	28.756	33.757

Table 7—31—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OMIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	37.449	39.327	39.361	37.951	35.964	34.221	33.277	33.179	33.424	33.129
1511	15.10	31.338	27.377	21.128	13.124	4.433	-3.648	-9.979	-13.913	-15.472	-15.299
1521	15.20	-14.408	-13.832	-14.299	-16.050	-18.856	-22.171	-25.398	-28.052	-29.856	-30.692
1531	15.30	-30.503	-29.217	-26.759	-23.160	-18.566	-13.484	-8.505	-4.208	-0.921	1.515
1541	15.40	5.219	5.068	7.399	10.271	13.281	15.710	16.823	16.183	13.850	10.350
1551	15.50	6.456	2.870	-0.034	-2.300	-4.281	-6.413	-8.985	-12.039	-15.297	-18.498
1561	15.60	-21.341	-23.653	-25.327	-26.223	-26.080	-24.535	-21.255	-16.133	-9.447	-1.879
1571	15.70	5.625	12.106	16.864	19.618	20.507	19.953	18.467	16.499	14.394	12.444
1581	15.80	10.963	10.311	10.823	12.651	15.623	19.192	22.552	24.875	25.592	24.589
1591	15.90	22.224	19.163	16.100	13.486	11.377	9.470	7.272	4.336	0.440	-4.343
1601	16.00	-9.699	-15.200	-20.421	-25.010	-28.690	-31.238	-32.468	-32.273	-30.683	-27.916
1611	16.10	-24.367	-20.511	-16.750	-13.277	-10.005	-6.627	-2.777	1.777	6.985	12.492
1621	16.20	17.752	22.219	25.544	27.674	28.815	29.287	29.327	28.957	27.967	26.032
1631	16.30	22.907	18.607	13.487	8.176	3.381	-0.351	-2.811	-4.186	-4.954	-5.676
1641	16.40	-6.771	-8.381	-10.361	-12.410	-14.255	-15.800	-17.171	-18.615	-20.330	-22.295
1651	16.50	-24.213	-25.597	-25.978	-25.143	-23.272	-20.904	-18.730	-17.286	-16.707	-16.640
1661	16.60	-16.398	-15.267	-12.864	-9.350	-5.404	-1.950	0.242	0.917	0.479	-0.155
1671	16.70	0.080	1.946	5.590	10.483	15.641	20.026	22.938	24.238	24.316	23.826
1681	16.80	23.349	23.111	22.910	22.240	20.557	17.542	13.247	8.076	2.627	-2.510
1691	16.90	-6.900	-10.304	-12.618	-13.781	-13.712	-12.334	-9.664	-5.918	-1.561	2.738
1701	17.00	6.250	8.365	8.745	7.389	4.614	0.939	-3.030	-6.713	-9.623	-11.396
1711	17.10	-11.815	-10.829	-8.571	-5.350	-1.603	2.203	5.686	8.641	11.070	13.125
1721	17.20	14.994	16.779	18.421	19.700	20.312	19.980	18.552	16.032	12.565	8.382
1731	17.30	3.751	-1.039	-5.668	-9.773	-12.976	-14.953	-15.544	-14.827	-13.133	-10.961
1741	17.40	-8.831	-7.126	-6.012	-5.455	-5.337	-5.596	-6.312	-7.677	-9.868	-12.873
1751	17.50	-16.384	-19.826	-22.525	-23.947	-23.901	-22.592	-20.500	-18.135	-15.783	-13.384
1761	17.60	-10.598	-7.038	-2.545	2.619	7.795	12.123	14.888	15.786	15.045	13.320
1771	17.70	11.424	10.027	9.459	9.685	10.454	11.502	12.705	14.107	15.805	17.795
1781	17.80	19.868	21.640	22.702	22.815	22.041	20.720	19.299	18.076	17.013	15.691
1791	17.90	13.476	9.803	6.473	-2.189	-9.385	-16.079	-21.325	-24.536	-25.606	-24.850
1801	18.00	-22.807	-20.031	-16.936	-13.748	-10.664	-7.734	-5.105	-2.885	-1.090	0.622
1811	18.10	1.939	3.792	6.188	9.076	12.107	14.728	16.385	16.744	15.826	13.997
1821	18.20	11.807	9.759	8.109	6.796	5.528	3.972	1.960	-0.601	-2.771	-4.748
1831	18.30	-6.078	-6.794	-7.215	-7.782	-8.830	-10.399	-12.181	-13.655	-14.523	-15.986
1841	18.40	-12.859	-11.518	-10.661	-10.806	-12.046	-13.986	-15.887	-16.952	-16.627	-14.786
1851	18.50	-11.742	-8.076	-4.390	-1.102	1.655	3.973	6.042	8.003	9.877	11.588
1861	18.60	13.045	14.215	15.148	15.921	16.548	16.917	16.799	15.942	14.196	11.617
1871	18.70	8.476	5.171	2.078	-0.586	-2.808	-4.737	-6.549	-8.320	-9.963	-11.262
1881	18.80	-11.988	-12.026	-11.467	-10.487	-9.436	-8.506	-7.735	-6.983	-6.013	-4.615
1891	18.90	-2.708	-0.380	2.158	4.650	6.881	8.710	10.055	10.845	10.993	10.399
1901	19.00	9.004	6.852	4.128	1.138	-1.760	-4.254	-6.167	-7.377	-7.964	-8.032
1911	19.10	-7.566	-6.591	-5.115	-3.209	-1.052	1.076	2.865	4.074	4.617	4.600
1921	19.20	4.270	3.951	3.858	4.072	4.599	4.935	5.165	5.045	4.606	4.001
1931	19.30	3.468	3.228	3.107	3.988	4.822	5.679	6.318	6.551	6.278	5.491
1941	19.40	4.256	2.680	0.884	-1.014	-2.909	-4.717	-6.384	-7.896	-9.281	-10.593
1951	19.50	-11.881	-13.138	-14.275	-15.111	-15.417	-14.987	-13.726	-11.703	-9.153	-6.414
1961	19.60	-3.821	-1.601	0.185	1.632	2.920	4.214	5.588	7.006	8.357	9.526
1971	19.70	10.457	11.162	11.692	12.081	12.298	12.267	11.921	11.288	10.539	9.972
1981	19.80	9.912	10.574	11.935	13.698	15.344	16.276	15.994	14.226	10.988	6.544
1991	19.90	1.323	-4.189	-9.528	-14.307	-18.242	-21.169	-23.067	-24.057	-24.373	-24.284

Table 7—31—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OHIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-23.990	-23.527	-22.735	-21.315	-18.964	-15.527	-11.111	-6.085	-0.974	3.704
2011	20.10	7.596	10.572	12.684	14.046	14.706	14.596	13.578	11.575	8.698	5.305
2021	20.20	1.939	-0.827	-2.576	-3.175	-2.793	-1.600	-0.620	0.412	1.097	1.355
2031	20.30	1.139	0.378	-1.025	-3.133	-5.888	-9.063	-12.291	-15.164	-17.374	-18.809
2041	20.40	-19.566	-19.870	-19.942	-19.876	-19.589	-18.868	-17.478	-15.280	-12.311	-8.773
2051	20.50	-4.970	-1.209	2.289	5.421	8.201	10.724	13.126	15.553	18.127	20.911
2061	20.60	23.877	26.876	29.638	31.831	33.142	33.387	32.576	30.905	28.680	26.184
2071	20.70	23.565	20.787	17.675	14.032	9.771	4.997	-0.000	-4.845	-9.208	-12.914
2081	20.80	-15.968	-18.496	-20.618	-22.348	-23.540	-23.934	-23.272	-21.424	-18.478	-14.744
2091	20.90	-10.683	-6.792	-3.680	-0.998	0.581	1.327	1.606	1.018	0.368	-0.363
2101	21.00	-1.030	-1.535	-1.829	-1.911	-1.804	-1.527	-1.070	-0.385	0.590	1.889
2111	21.10	3.473	5.199	6.836	8.112	8.792	8.748	7.997	6.700	5.110	3.504
2121	21.20	2.112	1.067	0.390	0.007	-0.214	-0.410	-0.675	-1.021	-1.360	-1.509
2131	21.30	-1.233	-0.302	1.434	3.976	7.166	10.592	13.850	16.432	17.925	18.076
2141	21.40	16.829	14.323	10.844	6.757	2.432	-1.806	-5.706	-9.089	-11.828	-13.820
2151	21.50	-14.973	-15.213	-14.517	-12.957	-10.736	-8.184	-5.708	-3.684	-2.342	-1.669
2161	21.60	-1.403	-1.112	-0.369	1.052	3.040	5.132	6.649	6.935	5.620	2.783
2171	21.70	-1.042	-5.049	-8.442	-10.711	-11.788	-12.008	-11.912	-11.965	-12.338	-12.824
2181	21.80	-12.942	-12.164	-10.160	-6.958	-2.946	1.265	5.055	7.983	9.877	10.806
2191	21.90	10.977	10.596	9.796	8.621	7.073	5.177	3.017	0.743	-1.470	-3.450
2201	22.00	-5.049	-6.135	-6.584	-6.289	-5.193	-3.344	-0.926	1.758	4.348	6.536
2211	22.10	8.145	9.162	9.682	9.828	9.657	9.145	8.247	7.008	5.655	4.595
2221	22.20	4.292	5.057	6.867	9.170	11.183	11.953	10.807	7.602	2.820	-2.580
2231	22.30	-7.491	-11.043	-12.879	-13.224	-12.733	-12.191	-12.211	-13.045	-14.570	-16.630
2241	22.40	-18.237	-19.731	-20.830	-21.573	-21.997	-22.042	-21.540	-20.277	-18.115	-15.083
2251	22.50	-11.403	-7.423	-3.505	0.082	3.216	5.898	8.181	10.096	11.618	12.694
2261	22.60	13.303	13.509	13.471	13.388	13.411	13.569	13.750	13.766	13.461	12.824
2271	22.70	12.027	11.376	11.181	11.602	12.544	13.669	14.511	14.658	13.919	12.393
2281	22.80	10.415	8.398	6.647	5.228	3.957	2.513	0.612	-1.832	-4.645	-7.451
2291	22.90	-9.832	-11.496	-12.389	-12.686	-12.678	-12.608	-12.540	-12.352	-11.718	-10.466
2301	23.00	-8.519	-6.084	-3.565	-1.432	-0.044	0.483	0.299	-0.253	-0.787	-1.015
2311	23.10	-0.835	-0.331	0.289	0.796	1.013	0.855	0.322	-0.519	-1.554	-2.617
2321	23.20	-3.487	-3.896	-3.571	-2.314	-0.081	2.959	6.437	9.859	12.729	14.669
2331	23.30	15.501	15.255	14.104	12.274	9.960	7.287	4.324	1.139	-2.139	-5.296
2341	23.40	-8.048	-10.103	-11.241	-11.386	-10.629	-9.214	-7.470	-5.732	-4.258	-3.176
2351	23.50	-2.472	-2.019	-1.639	-1.175	-0.555	0.176	0.869	1.320	1.345	0.856
2361	23.60	-0.108	-1.361	-2.667	-3.699	-4.326	-4.460	-4.159	-3.569	-2.858	-2.152
2371	23.70	-1.506	-0.905	-0.300	0.338	0.980	1.528	1.863	1.791	1.308	0.441
2381	23.80	-0.648	-1.710	-2.482	-2.766	-2.485	-1.726	-0.704	0.298	1.016	1.289
2391	23.90	1.097	0.555	-0.166	-0.818	-1.349	-1.732	-2.050	-2.413	-2.882	-3.420
2401	24.00	-3.880	-4.045	-3.703	-2.723	-1.100	1.037	3.468	5.943	8.244	10.224
2411	24.10	11.811	12.926	13.799	14.247	14.360	14.150	13.627	12.806	11.693	10.306
2421	24.20	8.651	6.730	4.552	2.138	-0.469	-3.194	-5.933	-8.553	-10.899	-12.814
2431	24.30	-14.153	-14.810	-14.740	-13.981	-12.645	-10.904	-8.950	-6.961	-5.065	-3.331
2441	24.40	-1.780	-0.404	0.812	1.878	2.807	3.624	4.372	5.103	5.848	6.581
2451	24.50	7.194	7.510	7.322	6.470	4.916	2.784	0.362	-1.962	-3.798	-4.852
2461	24.60	-5.009	-4.352	-3.137	-1.720	-0.468	0.317	0.453	-0.102	-1.260	-2.829
2471	24.70	-4.555	-6.167	-7.421	-8.145	-8.264	-7.816	-6.935	-5.809	-4.627	-3.519
2481	24.80	-2.515	-1.542	-0.452	0.922	2.695	4.875	7.363	9.866	12.143	13.878
2491	24.90	14.836	14.899	14.077	12.498	10.374	7.953	5.470	3.106	0.967	-0.926

Table 7—31—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OHIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-2.619	-4.196	-5.731	-7.246	-8.685	-9.909	-10.732	-10.977	-10.550	-9.495
2511	25.10	-8.006	-6.403	-5.043	-4.220	-4.077	-4.548	-5.379	-6.195	-6.618	-6.371
2521	25.20	-5.365	-3.711	-1.683	0.374	2.152	3.467	4.298	4.781	5.141	5.602
2531	25.30	6.306	7.257	8.327	9.299	9.960	10.178	9.951	9.405	8.730	8.100
2541	25.40	7.597	7.185	6.745	6.163	5.416	4.622	4.014	3.863	4.236	5.110
2551	25.50	6.131	6.797	6.602	5.208	2.569	-1.058	-5.199	-9.335	-13.053	-16.133
2561	25.60	-18.535	-20.309	-21.476	-21.963	-21.603	-20.224	-17.755	-14.307	-10.169	-5.740
2571	25.70	-1.401	2.582	6.095	9.135	11.721	13.804	15.234	15.810	15.370	13.911
2581	25.80	11.632	8.916	6.221	3.937	2.274	1.213	0.549	-0.011	-0.718	-1.697
2591	25.90	-2.913	-4.212	-5.390	-6.276	-6.785	-6.929	-6.786	-6.461	-6.039	-5.562
2601	26.00	-5.028	-4.417	-3.716	-2.940	-2.136	-1.369	-0.694	-0.124	0.376	0.886
2611	26.10	1.494	2.252	3.141	4.066	4.882	5.453	5.712	5.696	5.540	5.418
2621	26.20	5.467	5.726	6.115	6.473	6.645	6.560	6.285	6.001	5.922	6.194
2631	26.30	6.801	7.543	8.092	8.098	7.321	5.716	3.456	0.897	-1.538	-3.468
2641	26.40	-4.648	-5.017	-4.698	-3.957	-3.131	-2.550	-2.455	-2.947	-3.961	-5.291
2651	26.50	-6.857	-7.802	-8.580	-9.016	-9.288	-9.667	-10.317	-11.372	-12.690	-13.980
2661	26.60	-14.885	-15.112	-14.534	-13.245	-11.493	-9.606	-7.860	-6.403	-5.232	-4.229
2671	26.70	-3.238	-2.137	-0.877	0.513	1.955	3.357	4.649	5.791	6.774	7.617
2681	26.80	8.356	9.030	9.675	10.301	10.880	11.344	11.603	11.582	11.260	10.697
2691	26.90	10.018	9.370	8.849	8.448	8.044	7.438	6.439	4.957	3.059	0.962
2701	27.00	-1.035	-2.664	-3.778	-4.404	-4.717	-4.968	-5.376	-6.056	-6.985	-8.031
2711	27.10	-9.016	-9.789	-10.272	-10.474	-10.459	-10.308	-10.071	-9.765	-9.272	-8.557
2721	27.20	-7.503	-6.044	-4.172	-1.948	0.499	2.991	5.336	7.362	8.948	10.044
2731	27.30	10.671	10.907	10.868	10.679	10.454	10.282	10.208	10.227	10.274	10.231
2741	27.40	9.947	9.274	8.118	6.470	4.422	2.149	-0.139	-2.248	-4.041	-5.448
2751	27.50	-6.444	-7.024	-7.178	-6.898	-6.211	-5.209	-4.065	-3.002	-2.226	-1.852
2761	27.60	-1.854	-2.074	-2.291	-2.327	-2.127	-1.791	-1.521	-1.509	-1.826	-2.353
2771	27.70	-2.807	-2.842	-2.190	-0.779	1.225	3.478	5.573	7.177	8.128	8.449
2781	27.80	8.292	7.848	7.253	6.550	5.692	4.611	3.223	1.515	-0.479	-2.685
2791	27.90	-5.012	-7.363	-9.632	-11.694	-13.401	-14.601	-15.165	-15.032	-14.232	-12.898
2801	28.00	-11.244	-9.531	-8.022	-6.928	-6.376	-6.377	-6.815	-7.462	-8.007	-8.126
2811	28.10	-7.551	-6.167	-3.950	-1.167	1.873	4.806	7.319	9.218	10.454	11.106
2821	28.20	11.343	11.368	11.382	11.562	12.038	12.884	14.089	15.561	17.014	18.201
2831	28.30	18.765	18.432	17.068	14.737	11.698	8.351	5.139	2.438	0.477	-0.708
2841	28.40	-1.258	-1.438	-1.554	-1.876	-2.575	-3.674	-5.087	-6.617	-8.030	-9.115
2851	28.50	-9.734	-9.851	-9.530	-8.900	-8.121	-7.334	-6.648	-6.133	-5.835	-5.783
2861	28.60	-5.988	-6.427	-7.013	-7.591	-7.945	-7.850	-7.130	-5.721	-3.695	-1.252
2871	28.70	1.328	3.754	5.784	7.259	8.115	8.366	8.089	7.405	6.474	5.478
2881	28.80	4.599	3.982	3.691	3.683	3.816	3.885	3.698	3.141	2.218	1.050
2891	28.90	-0.170	-1.252	-2.065	-2.575	-2.836	-2.948	-3.010	-3.075	-3.141	-3.156
2901	29.00	-3.047	-2.767	-2.220	-1.470	-0.544	0.473	1.468	2.319	2.916	3.195
2911	29.10	3.148	2.833	2.353	1.824	1.335	0.925	0.582	0.264	-0.066	-0.410
2921	29.20	-0.747	-1.031	-1.229	-1.351	-1.442	-1.567	-1.767	-2.036	-2.308	-2.483
2931	29.30	-2.473	-2.247	-1.849	-1.393	-1.010	-0.805	-0.809	-0.971	-1.177	-1.297
2941	29.40	-1.230	-0.937	-0.447	0.155	0.767	1.300	1.703	1.976	2.165	2.337
2951	29.50	2.554	2.843	3.178	3.481	3.647	3.584	3.259	2.725	2.117	1.605
2961	29.60	1.335	1.359	1.611	1.912	2.042	1.811	1.132	0.041	-1.320	-2.771
2971	29.70	-4.151	-5.357	-6.342	-7.077	-7.519	-7.589	-7.198	-6.297	-4.937	-3.285
2981	29.80	-1.608	-0.198	0.712	1.016	0.760	0.108	-0.723	-1.531	-2.176	-2.591
2991	29.90	-2.760	-2.892	-2.406	-1.935	-1.344	-0.739	-0.259	-0.038	-0.159	-0.613

Table 7—31—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1124 206-GR-1-46 TR. (HA.) OMIGAWA BRIDGE MAX. ACC. = 47.346 (GAL) T= 11.43 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-1.290	-2.007	-2.565	-2.815	-2.701	-2.281	-1.793	-1.157	-0.817	-0.793
3011	30.10	-1.097	-1.639	-2.261	-2.688	-2.785	-2.427	-1.643	-0.611	0.383	1.026
3021	30.20	1.085	0.501	-0.579	-1.837	-2.886	-3.396	-3.204	-2.353	-1.048	0.440
3031	30.30	1.888	3.199	4.408	5.629	6.966	8.437	9.951	11.349	12.422	13.072
3041	30.40	13.245	12.968	12.293	11.258	9.869	8.128	6.071	3.804	1.500	-0.667
3051	30.50	-2.481	-3.944	-5.080	-5.995	-6.788	-7.486	-8.021	-8.281	-8.169	-7.685
3061	30.60	-6.951	-6.171	-5.561	-5.150	-4.931	-4.680	-4.154	-3.190	-1.803	-0.194
3071	30.70	1.323	2.451	3.044	3.160	3.037	2.974	3.190	3.723	4.407	4.946
3081	30.80	5.045	4.538	3.458	2.022	0.537	-0.716	-1.574	-2.031	-2.203	-2.250
3091	30.90	-2.298	-2.387	-2.471	-2.453	-2.233	-1.748	-0.992	-0.007	1.124	2.291
3101	31.00	3.366	4.208	4.689	4.724	4.311	3.542	2.588	1.639	0.826	0.152
3111	31.10	-0.518	-1.406	-2.707	-4.472	-6.521	-8.466	-9.814	-10.152	-9.306	-7.438
3121	31.20	-5.009	-2.626	-0.827	0.113	0.264	0.001	-0.166	0.192	1.260	2.910
3131	31.30	4.772	6.399	7.444	7.781	7.526	6.941	6.294	5.726	5.196	4.521
3141	31.40	3.492	1.998	0.108	-1.933	-3.793	-5.177	-5.947	-6.162	-6.047	-5.886
3151	31.50	-5.903	-6.168	-6.576	-6.897	-6.866	-6.256	-5.097	-3.383	-1.343	0.783
3161	31.60	2.774	4.475	5.816	6.796	7.465	7.896	8.166	8.335	8.440	8.484
3171	31.70	8.440	8.262	7.908	7.371	6.691	5.957	5.277	4.735	4.348	4.038
3181	31.80	3.649	2.991	1.909	0.343	-1.641	-3.859	-6.059	-7.994	-9.681	-10.443
3191	31.90	-10.910	-10.992	-10.837	-10.587	-10.346	-10.167	-10.042	-9.908	-9.657	-9.155
3201	32.00	-8.272	-6.913	-5.058	-2.780	-0.242	2.334	4.717	6.723	8.249	9.288
3211	32.10	9.900	10.173	10.182	9.964	9.518	8.830	7.908	6.805	5.627	4.511
3221	32.20	3.596	2.984	2.712	2.749	3.006	3.371	3.758	4.037	4.246	4.382
3231	32.30	4.478	4.552	4.580	4.490	4.179	3.548	2.559	1.261	-0.196	-1.600
3241	32.40	-2.738	-3.475	-3.799	-3.833	-3.788	-3.881	-4.258	-4.939	-5.827	-6.757
3251	32.50	-7.576	-8.202	-8.644	-8.977	-9.277	-9.561	-9.766	-9.756	-9.401	-8.616
3261	32.60	-7.414	-5.892	-4.190	-2.436	-0.702	0.983	2.613	4.158	5.538	6.636
3271	32.70	7.345	7.624	7.525	7.193	6.799	6.480	6.277	6.130	5.916	5.518
3281	32.80	4.886	4.056	3.125	2.196	1.312	0.461	-0.419	-1.369	-2.357	-3.266
3291	32.90	-5.921	-4.192	-4.060	-3.668	-3.297	-3.278	-3.872	-5.173	-7.069	-9.275
3301	33.00	-11.425	-13.183	-14.323	-14.767	-14.560	-13.817	-12.658	-11.217	-9.534	-7.667
3311	33.10	-5.663	-3.576	-1.476	0.557	2.440	4.091	5.441	6.441	7.091	7.453
3321	33.20	7.657	7.882	8.301	9.018	10.012	11.127	12.106	12.884	12.679	12.077
3331	33.30	11.036	9.840	8.790	8.094	7.790	7.739	7.691	7.381	6.636	5.422
3341	33.40	3.857	2.140	0.476	-0.992	-2.215	-3.222	-4.086	-4.873	-5.618	-6.321
3351	33.50	-6.966	-7.567	-8.074	-8.572	-9.058	-9.520	-9.903	-10.122	-10.087	-9.731
3361	33.60	-9.032	-8.021	-6.770	-5.368	-3.906	-2.461	-1.101	0.114	1.124	1.878
3371	33.70	2.344	2.530	2.488	2.310	2.107	1.974	1.965	2.072	2.235	2.370
3381	33.80	2.401	2.297	2.079	1.814	1.590	1.477	1.507	1.660	1.881	2.098
3391	33.90	2.253	2.314	2.282	2.180	2.034	1.885	1.681	1.482	1.271	1.060

Table 7—32—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1125 206-GR-1-66 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-6.832	-6.509	-3.368	-1.593	0.260	1.604	1.943	1.106	-0.648	-2.680
11	0.10	-6.183	-6.482	-3.310	-0.935	1.921	4.350	5.602	5.382	3.967	1.990
21	0.20	0.353	-0.322	0.175	1.561	3.212	4.429	4.720	3.955	2.382	0.490
31	0.30	-1.177	-2.183	-2.291	-1.659	0.202	2.483	5.108	7.752	10.072	11.754
41	0.40	12.594	12.550	11.752	10.440	8.857	7.155	5.365	3.653	1.464	-0.477
51	0.50	-1.957	-2.575	-2.044	-0.389	1.987	4.407	6.179	6.876	6.519	5.549
61	0.60	4.602	4.178	4.383	4.867	4.993	4.779	2.219	-0.563	-3.419	-5.498
71	0.70	-6.218	-5.527	-3.914	-2.168	-1.020	-0.824	-1.433	-2.328	-2.898	-2.755
81	0.80	-1.906	-0.718	0.279	0.668	0.329	-0.531	-1.510	-2.228	-2.507	-2.441
91	0.90	-2.323	-2.478	-3.100	-4.148	-5.358	-6.345	-6.746	-6.342	-5.151	-3.318
101	1.00	-1.259	0.642	2.033	2.706	2.644	2.015	1.104	0.204	-0.499	-0.993
111	1.10	-1.418	-1.972	-2.765	-3.712	-4.525	-4.826	-4.337	-3.055	-1.308	0.344
121	1.20	1.344	1.397	0.620	-0.504	-1.350	-1.461	-0.780	0.314	1.191	1.285
131	1.30	0.384	-1.254	-3.030	-4.289	-6.640	-4.116	-3.115	-2.169	-1.548	-1.292
141	1.40	-1.052	-0.441	0.696	2.096	3.152	3.190	1.851	-0.651	-3.533	-5.729
151	1.50	-6.345	-5.057	-2.277	1.016	3.684	4.891	4.427	2.729	0.642	-0.966
161	1.60	-1.563	-1.019	0.276	1.823	3.158	4.009	4.304	4.079	3.328	2.229
171	1.70	0.697	-1.030	-2.604	-3.587	-3.621	-2.615	-0.854	1.059	2.411	2.667
181	1.80	1.705	-0.117	-2.092	-3.442	-3.633	-2.575	-0.653	1.440	2.966	3.406
191	1.90	2.617	0.840	-1.416	-3.560	-5.092	-5.713	-5.361	-4.173	-2.428	-0.465
201	2.00	1.385	2.852	3.775	4.119	3.966	3.474	2.811	2.095	1.365	0.597
211	2.10	-0.235	-1.083	-1.787	-2.097	-1.762	-0.666	1.067	3.039	4.659	5.326
221	2.20	4.669	2.618	-0.345	-3.491	-5.971	-7.109	-6.621	-4.690	-1.889	1.035
231	2.30	3.396	4.760	5.013	4.298	2.888	1.952	-1.003	-3.113	-5.077	-6.608
241	2.40	-7.362	-6.957	-5.329	-2.665	0.477	3.309	5.084	5.249	3.838	1.276
251	2.50	-1.671	-4.187	-5.668	-5.883	-4.977	-3.334	-1.386	0.568	2.317	3.893
261	2.60	5.259	6.313	6.861	6.577	5.332	3.109	0.177	-2.960	-5.673	-7.368
271	2.70	-7.667	-6.424	-3.953	-0.780	2.395	4.892	6.233	6.268	5.214	3.575
281	2.80	1.966	0.906	0.644	1.097	1.925	2.702	3.112	3.073	2.737	2.360
291	2.90	2.136	2.065	1.942	1.671	0.445	-1.114	-2.924	-4.557	-5.618	-5.913
301	3.00	-5.500	-4.604	-3.462	-2.177	-0.703	1.052	3.043	4.956	6.240	6.313
311	3.10	4.861	2.093	-1.220	-3.966	-5.105	-4.108	-1.205	2.667	6.212	8.273
321	3.20	8.258	6.329	3.271	0.137	-2.170	-3.196	-3.017	-2.088	-0.993	-0.193
331	3.30	0.096	-0.101	-0.609	-1.221	-1.765	-2.123	-2.221	-2.031	-1.586	-0.996
341	3.40	-0.438	-0.100	-0.090	-0.378	-0.791	-1.093	-1.118	-0.868	-0.523	-0.342
351	3.50	-0.509	-0.990	-1.522	-1.732	-1.340	-0.344	0.935	1.989	2.373	1.964
361	3.60	1.066	0.295	0.284	1.340	3.232	5.224	6.362	5.882	3.571	-0.101
371	3.70	-4.132	-7.354	-8.857	-8.303	-5.993	-2.713	0.574	3.037	4.187	3.941
381	3.80	2.557	0.518	-1.587	-3.167	-3.717	-2.920	-0.753	2.438	5.957	8.901
391	3.90	10.411	9.961	7.564	3.804	-0.338	-3.809	-5.835	-6.158	-5.070	-3.239
401	4.00	-1.406	-0.091	0.574	0.822	1.073	1.676	2.721	3.967	4.944	5.157
411	4.10	4.306	2.428	-0.102	-2.695	-4.756	-5.885	-5.995	-5.302	-4.216	-3.165
421	4.20	-2.443	-2.119	-2.055	-1.996	-1.702	-1.052	-0.091	0.994	1.954	2.564
431	4.30	2.692	2.327	1.564	0.575	-0.424	-1.205	-1.552	-1.306	-0.415	1.020
441	4.40	2.733	4.333	5.411	5.670	5.031	3.661	1.904	0.139	-1.366	-2.540
451	4.50	-3.476	-4.305	-5.051	-5.546	-5.475	-4.544	-2.694	-0.242	2.151	3.692
461	4.60	3.781	2.292	-0.317	-3.157	-5.246	-6.922	-5.105	-3.326	-1.466	-0.351
471	4.70	-0.399	-1.439	-2.838	-3.834	-3.909	-3.034	-1.657	-0.448	0.083	-0.233
481	4.80	-0.957	-1.444	-1.094	0.296	2.383	4.405	5.525	5.232	3.605	1.316
491	4.90	-0.658	-1.453	-0.745	1.093	3.109	4.162	3.402	0.659	-3.454	-7.738

Table 7—32—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1125 206-GR-1-66 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-10.850	-11.802	-10.313	-6.896	-2.645	1.183	3.610	4.242	3.327	1.576
511	5.10	-0.177	-1.281	-1.479	-0.902	0.085	1.100	1.914	2.500	2.957	3.374
521	5.20	3.736	3.908	3.731	3.152	2.310	1.519	1.131	1.361	2.151	3.162
531	5.30	3.911	3.992	3.264	1.926	0.423	-0.766	-1.339	-1.296	-0.891	-0.665
541	5.40	-0.241	-0.210	-0.166	0.131	0.744	1.554	2.125	2.101	1.346	0.090
551	5.50	-1.131	-1.722	-1.333	-0.071	1.514	2.666	2.785	1.719	-0.154	-2.112
561	5.60	-3.439	-3.767	-3.230	-2.342	-1.683	-1.556	-1.806	-1.911	-1.294	0.313
571	5.70	2.652	5.003	6.508	6.590	5.250	3.078	0.974	-0.289	-0.436	0.211
581	5.80	0.938	1.050	0.264	-1.127	-2.403	-2.815	-2.001	-0.229	1.693	2.780
591	5.90	2.345	0.337	-2.611	-5.451	-7.163	-7.176	-5.564	-2.960	-0.249	1.800
601	6.00	2.785	2.726	1.929	0.781	-0.426	-1.548	-2.528	-3.295	-3.708	-3.576
611	6.10	-2.765	-1.300	0.577	2.455	3.872	4.464	4.068	2.756	0.798	-1.415
621	6.20	-3.452	-4.908	-5.476	-5.001	-3.543	-1.395	0.965	2.998	4.295	4.729
631	6.30	4.517	4.122	4.032	4.506	5.413	6.255	6.394	5.563	3.135	0.191
641	6.40	-2.651	-4.574	-5.115	-4.356	-2.861	-1.389	-0.530	-0.442	-0.819	-1.096
651	6.50	-0.780	0.262	1.718	2.980	3.438	2.791	1.193	-0.815	-2.546	-3.453
661	6.60	-3.333	-2.346	-0.889	0.599	1.796	2.544	2.805	2.581	1.873	0.709
671	6.70	-0.785	-2.330	-3.557	-4.111	-3.832	-2.843	-1.523	-0.360	0.363	0.541
681	6.80	0.427	0.399	0.726	1.394	2.085	2.351	1.886	0.741	-0.636	-1.595
691	6.90	-1.612	-0.593	1.033	2.480	2.981	2.177	0.327	-1.790	-3.231	-3.350
701	7.00	-2.113	-0.124	1.667	2.427	1.662	0.259	-1.506	-2.589	-2.518	-1.444
711	7.10	-0.053	0.797	0.536	-0.819	-2.629	-3.954	-3.996	-2.510	0.052	2.710
721	7.20	4.367	4.274	2.338	-0.866	-4.241	-6.773	-7.710	-6.877	-4.640	-1.708
731	7.30	1.150	3.340	4.564	4.812	4.265	3.181	1.811	0.365	-0.981	-2.073
741	7.40	-2.780	-3.010	-2.739	-2.030	-1.021	0.098	1.127	1.891	2.266	2.182
751	7.50	1.630	0.652	-0.653	-2.131	-3.579	-4.763	-5.458	-5.488	-4.779	-3.592
761	7.60	-1.522	0.531	2.428	3.874	4.683	4.821	4.386	3.557	2.517	1.400
771	7.70	0.268	-0.855	-1.921	-2.811	-3.331	-3.274	-2.515	-1.111	0.667	2.387
781	7.80	3.585	3.929	3.335	1.993	0.288	-1.349	-2.579	-3.238	-3.326	-2.929
791	7.90	-2.135	-0.994	0.444	2.052	3.563	4.583	4.705	3.678	1.565	-1.206
801	8.00	-3.945	-5.916	-6.600	-5.877	-4.058	-1.751	0.383	1.858	2.552	2.596
811	8.10	2.336	2.095	2.038	2.131	2.206	2.096	1.745	1.254	0.840	0.729
821	8.20	1.041	1.735	2.611	3.397	3.850	3.849	3.427	2.755	2.066	1.563
831	8.30	1.364	1.454	1.707	1.937	1.969	1.704	1.151	0.625	-0.292	-0.811
841	8.40	-0.989	-0.766	-0.174	0.680	1.622	2.440	2.897	2.766	1.897	0.295
851	8.50	-1.811	-3.954	-5.520	-5.936	-4.901	-2.572	0.397	3.028	4.355	3.812
861	8.60	1.510	-1.740	-4.694	-6.138	-5.313	-2.490	1.520	5.720	8.135	9.185
871	8.70	8.293	5.895	3.093	0.669	-1.084	-2.200	-3.044	-3.935	-4.955	-5.912
881	8.80	-6.484	-6.442	-5.804	-4.843	-3.939	-3.370	-3.165	-3.106	-2.883	-2.289
891	8.90	-1.349	-0.307	0.544	1.061	1.367	1.795	2.677	4.094	5.739	6.976
901	9.00	7.116	5.756	3.028	-0.391	-3.525	-5.490	-5.854	-4.785	-2.925	-1.066
911	9.10	0.218	0.792	0.963	1.151	1.787	2.895	4.181	5.183	5.532	5.152
921	9.20	4.284	3.347	2.698	2.449	2.426	2.299	1.796	0.889	-0.163	-0.929
931	9.30	-1.021	-0.300	1.050	2.585	3.800	4.333	4.090	3.255	2.174	1.204
941	9.40	0.593	0.426	0.636	1.053	1.441	1.532	1.065	-0.145	-2.104	-4.552
951	9.50	-6.968	-8.591	-8.647	-7.633	-5.608	-4.174	1.762	3.178	2.542	0.037
961	9.60	-3.483	-6.823	-8.891	-9.106	-7.552	-4.892	-2.028	0.259	1.555	1.861
971	9.70	1.437	0.589	-0.497	-1.776	-3.230	-4.751	-6.052	-6.752	-6.546	-5.391
981	9.80	-3.576	-1.635	-0.120	0.638	0.669	0.318	0.043	0.147	0.713	1.406
991	9.90	1.847	1.758	1.060	0.077	-0.799	-1.225	-1.082	-0.497	0.274	1.021

Table 7—32—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1125 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	1.687	2.344	3.038	3.617	3.664	2.619	0.068	-3.945	-8.737	-13.082
1011	10.10	-15.589	-15.211	-11.688	-5.721	1.220	7.372	11.258	12.142	10.194	6.331
1021	10.20	1.836	-2.078	-4.590	-5.405	-4.687	-2.891	-0.568	1.768	3.724	5.060
1031	10.30	5.701	5.737	5.397	4.971	4.702	4.670	4.734	4.572	3.816	2.236
1041	10.40	-0.115	-2.856	-5.381	-7.051	-7.408	-6.325	-4.022	-0.974	2.256	5.161
1051	10.50	7.380	8.706	9.045	8.382	6.772	4.364	1.435	-1.613	-4.311	-6.238
1061	10.60	-7.134	-6.592	-6.067	-4.802	-3.702	-3.167	-3.369	-4.182	-5.200	-5.842
1071	10.70	-5.528	-3.872	-0.856	3.095	7.180	10.617	11.945	11.308	8.654	4.706
1081	10.80	0.555	-2.696	-4.287	-4.031	-2.325	0.658	2.289	3.783	4.362	4.219
1091	10.90	3.729	3.226	2.836	2.663	1.899	0.999	-0.199	-1.450	-2.413	-2.803
1101	11.00	-2.530	-1.734	-0.712	0.233	0.931	1.406	1.834	2.419	3.254	4.234
1111	11.10	5.075	5.416	4.982	3.719	1.858	-0.134	-1.683	-2.297	-1.731	-0.077
1121	11.20	2.265	4.601	6.329	6.935	6.233	4.388	1.851	-0.791	-2.996	-4.406
1131	11.30	-4.904	-4.591	-3.695	-2.486	-1.216	-0.117	0.585	0.660	-0.070	-1.644
1141	11.40	-3.859	-6.239	-8.109	-8.794	-7.862	-5.325	-1.699	2.122	5.142	6.587
1151	11.50	6.160	4.112	1.129	-1.921	-4.268	-5.443	-5.347	-4.195	-2.367	-0.306
1161	11.60	1.609	3.061	3.832	3.805	3.001	1.607	-0.041	-1.532	-2.515	-2.837
1171	11.70	-2.616	-2.205	-2.061	-2.467	-3.461	-4.792	-5.918	-6.305	-5.628	-3.931
1181	11.80	-1.619	0.695	2.421	3.214	3.076	2.317	1.398	0.736	0.544	0.797
1191	11.90	1.287	1.761	2.042	2.091	1.987	1.851	1.758	1.699	1.612	1.453
1201	12.00	1.273	1.235	1.558	2.398	3.725	5.266	6.553	7.087	6.561	4.928
1211	12.10	2.640	0.336	-1.297	-1.799	-1.123	0.357	1.992	3.122	3.321	2.531
1221	12.20	1.032	-0.724	-2.327	-3.563	-4.437	-5.079	-5.585	-5.907	-5.857	-5.223
1231	12.30	-3.961	-2.228	-0.570	0.424	0.270	-1.174	-3.611	-6.386	-8.716	-9.961
1241	12.40	-9.833	-8.445	-6.219	-3.683	-1.279	0.750	2.362	3.635	4.662	5.492
1251	12.50	6.127	6.562	6.826	6.976	7.053	7.012	6.689	5.829	4.195	1.694
1261	12.60	-1.517	-5.018	-8.207	-10.468	-11.369	-10.702	-8.727	-5.909	-2.889	-0.286
1271	12.70	1.467	2.117	1.815	0.862	-0.302	-1.240	-1.646	-1.612	-0.644	0.398
1281	12.80	1.400	2.106	2.393	2.292	1.950	1.552	1.278	1.215	1.408	1.852
1291	12.90	2.514	3.326	4.163	4.831	5.106	4.807	3.910	2.619	1.356	0.646
1301	13.00	0.924	2.339	4.654	7.292	9.520	10.706	10.521	9.045	6.673	3.946
1311	13.10	1.349	-0.803	-2.372	-3.309	-3.567	-3.081	-1.846	-0.040	1.891	3.280
1321	13.20	3.448	1.986	-1.002	-4.843	-8.476	-10.826	-11.216	-9.637	-6.757	-3.642
1331	13.30	-1.334	-0.453	-1.000	-2.439	-3.984	-4.967	-5.086	-4.446	-3.415	-2.374
1341	13.40	-1.507	-0.760	0.065	1.027	2.089	2.911	3.093	2.375	0.810	-1.196
1351	13.50	-3.029	-4.115	-4.159	-3.260	-1.847	-0.475	0.415	0.666	0.410	-0.048
1361	13.60	-0.424	-0.596	-0.661	-0.740	-1.057	-1.517	-1.995	-2.209	-1.973	-1.304
1371	13.70	-0.437	0.271	0.518	0.216	-0.450	-1.093	-1.310	-0.871	0.160	1.441
1381	13.80	2.499	2.938	2.607	1.657	0.463	-0.541	-1.047	-0.980	-0.496	0.116
1391	13.90	0.573	0.701	0.472	-0.040	-0.741	-1.578	-2.549	-3.649	-4.806	-5.841
1401	14.00	-6.488	-6.488	-5.705	-4.215	-2.312	-0.428	1.016	1.749	1.762	1.282
1411	14.10	0.691	0.379	0.610	1.450	2.759	4.267	5.668	6.714	7.272	7.337
1421	14.20	7.011	6.456	5.848	5.327	4.961	4.727	4.513	4.150	3.465	2.348
1431	14.30	0.798	-1.057	-2.991	-4.741	-6.080	-6.874	-7.098	-6.812	-6.120	-5.127
1441	14.40	-3.927	-2.615	-1.306	-0.146	0.712	1.156	1.161	0.811	0.276	-0.261
1451	14.50	-0.685	-0.909	-1.057	-1.201	-1.385	-1.542	-1.512	-1.104	-0.212	1.115
1461	14.60	2.654	4.084	5.107	5.561	5.474	5.025	4.440	3.881	3.384	2.885
1471	14.70	2.308	1.660	1.079	0.780	0.937	1.544	2.359	2.955	2.896	1.940
1481	14.80	0.196	-1.875	-3.605	-4.378	-4.883	-4.249	-3.002	-2.152	-3.577	-3.971
1491	14.90	3.451	2.473	1.627	1.393	1.959	3.169	4.602	5.742	6.159	5.638

Table 7—32—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1125 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.231	2.218	0.018	-1.924	-3.238	-3.712	-3.338	-2.314	-0.997	0.181
1511	15.10	0.838	0.754	-0.062	-1.377	-2.824	-4.036	-4.774	-5.008	-4.892	-4.674
1521	15.20	-4.565	-4.639	-4.805	-4.866	-4.625	-3.992	-3.038	-1.958	-0.986	-0.291
1531	15.30	0.098	0.286	0.453	0.763	1.285	1.978	2.720	3.380	3.871	4.180
1541	15.40	4.332	4.348	4.188	3.749	2.898	1.550	-0.261	-2.367	-4.386	-5.994
1551	15.50	-6.845	-6.755	-5.747	-4.039	-1.986	0.023	1.869	2.774	3.331	3.477
1561	15.60	3.434	3.421	3.592	3.989	4.548	5.132	5.585	5.788	5.688	5.305
1571	15.70	4.716	4.011	3.291	2.631	2.090	1.709	1.512	1.491	1.595	1.725
1581	15.80	1.744	1.513	0.961	0.016	-1.170	-2.448	-3.612	-4.481	-4.944	-4.971
1591	15.90	-4.612	-3.961	-3.132	-2.245	-1.427	-0.807	-0.512	-0.634	-1.187	-2.073
1601	16.00	-3.084	-3.937	-4.363	-4.192	-3.424	-2.244	-0.963	0.074	0.602	0.512
1611	16.10	-0.119	-1.075	-2.076	-2.870	-3.299	-3.325	-3.020	-2.519	-1.975	-1.520
1621	16.20	-1.238	-1.159	-1.267	-1.507	-1.807	-2.090	-2.297	-2.395	-2.383	-2.286
1631	16.30	-2.142	-1.998	-1.900	-1.897	-2.052	-2.432	-3.092	-4.065	-5.220	-6.451
1641	16.40	-7.493	-8.079	-8.002	-7.199	-5.785	-4.033	-2.291	-0.862	0.098	0.626
1651	16.50	0.929	1.284	1.916	2.902	4.143	5.401	6.409	6.978	7.069	6.790
1661	16.60	6.341	5.905	5.575	5.320	5.026	4.574	3.925	3.169	2.494	2.119
1671	16.70	2.187	2.692	3.470	4.244	4.733	4.756	4.380	3.644	2.470	1.583
1681	16.80	0.920	0.493	0.201	-0.108	-0.569	-1.242	-2.088	-2.982	-3.756	-4.236
1691	16.90	-4.284	-3.817	-2.826	-1.385	0.344	2.126	3.682	4.754	5.170	4.907
1701	17.00	4.110	3.054	2.063	1.389	1.128	1.181	1.297	1.176	0.600	-0.474
1711	17.10	-1.887	-3.327	-4.450	-4.998	-4.883	-4.200	-3.167	-2.030	-0.978	-0.103
1721	17.20	0.576	1.052	1.269	1.096	0.376	-0.996	-2.978	-5.328	-7.638	-9.432
1731	17.30	-10.316	-10.092	-8.838	-6.855	-4.561	-2.353	-0.490	0.949	2.026	2.857
1741	17.40	3.522	4.012	4.240	4.096	3.517	2.532	1.260	-0.127	-1.451	-2.565
1751	17.50	-3.351	-3.706	-3.517	-2.906	-1.248	0.734	2.957	5.006	6.442	6.959
1761	17.60	6.502	5.319	3.886	2.727	2.236	2.521	3.385	4.425	5.211	5.455
1771	17.70	5.099	4.294	3.281	2.268	1.340	0.475	-0.381	-1.214	-1.901	-2.268
1781	17.80	-2.097	-1.440	-0.673	0.162	1.011	0.968	0.373	-0.503	-1.305	-1.735
1791	17.90	-1.717	-1.402	-1.073	-0.982	-1.206	-1.603	-1.897	-1.827	-1.306	-0.473
1801	18.00	0.370	0.913	1.005	0.733	0.377	0.260	0.571	1.256	2.033	2.528
1811	18.10	2.458	1.758	0.611	-0.656	-1.725	-2.433	-2.801	-2.973	-3.079	-3.127
1821	18.20	-2.981	-2.447	-1.423	-0.015	1.441	2.493	2.772	2.175	0.948	-0.390
1831	18.30	-1.251	-1.228	-0.267	1.314	2.981	4.113	4.429	3.898	2.805	1.575
1841	18.40	0.588	0.036	-0.105	-0.006	0.161	0.228	0.262	0.322	0.468	0.678
1851	18.50	0.854	0.782	0.418	-0.231	-1.005	-1.666	-2.006	-1.944	-1.566	-1.090
1861	18.60	-0.766	-0.771	-1.135	-1.735	-2.361	-2.807	-2.955	-2.812	-2.489	-2.131
1871	18.70	-1.856	-1.703	-1.634	-1.558	-1.384	-1.050	-0.537	0.139	0.951	1.874
1881	18.80	2.883	3.938	4.969	5.869	6.514	6.798	6.667	6.153	5.368	4.481
1891	18.90	3.666	3.042	2.644	2.408	2.201	1.880	1.349	0.607	-0.242	-1.025
1901	19.00	-1.561	-1.737	-1.558	-1.150	-0.723	-0.682	-0.553	-0.928	-1.474	-1.983
1911	19.10	-2.268	-2.230	-1.897	-1.396	-0.888	-0.501	-0.277	-0.189	-0.183	-0.240
1921	19.20	-0.410	-0.790	-1.464	-2.430	-3.548	-4.566	-5.201	-5.246	-4.660	-3.595
1931	19.30	-2.330	-1.166	-0.312	0.180	0.397	0.483	0.547	0.594	0.538	0.267
1941	19.40	-0.262	-0.968	-1.659	-2.112	-2.188	-1.911	-1.468	-1.130	-1.116	-1.476
1951	19.50	-2.051	-2.529	-2.585	-2.034	-0.929	0.443	1.670	2.372	2.351	1.655
1961	19.60	0.587	-0.609	-1.493	-1.930	-1.925	-1.621	-1.197	-0.786	-0.408	-0.003
1971	19.70	0.534	1.269	2.178	3.132	3.940	4.409	4.417	3.959	3.167	2.178
1981	19.80	1.268	0.580	0.175	-0.005	-0.110	-0.322	-0.780	-1.523	-2.661	-3.702
1991	19.90	-4.121	-4.441	-4.312	-3.836	-3.239	-2.794	-2.719	-3.091	-3.812	-4.639

Table 7—32—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1125 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-5.221	-5.454	-5.074	-4.197	-3.042	-1.912	-1.090	-0.756	-0.966	-1.552
2011	20.10	-2.377	-3.195	-3.812	-4.102	-4.009	-3.536	-2.734	-1.676	-0.461	0.791
2021	20.20	1.946	2.874	3.427	3.719	3.637	3.331	2.939	2.584	2.344	2.234
2031	20.30	2.214	2.232	2.251	2.274	2.339	2.493	2.747	3.061	3.339	3.461
2041	20.40	3.333	2.926	2.293	1.559	0.882	0.406	0.226	0.374	0.822	1.495
2051	20.50	2.291	3.088	3.748	4.132	4.123	3.653	2.736	1.477	0.057	-1.314
2061	20.60	-2.445	-3.212	-3.573	-3.553	-3.209	-2.601	-1.776	-0.788	0.284	1.311
2071	20.70	2.127	2.569	2.537	2.042	1.219	0.293	-0.496	-0.969	-1.060	-0.819
2081	20.80	-0.374	0.135	0.612	1.032	1.419	1.814	2.227	2.622	2.929	3.073
2091	20.90	3.012	2.749	2.328	1.814	1.261	0.707	0.176	-0.311	-0.724	-1.029
2101	21.00	-1.212	-1.293	-1.332	-1.410	-1.585	-1.852	-2.121	-2.238	-2.037	-1.418
2111	21.10	-0.402	0.854	2.102	3.082	3.625	3.708	3.465	3.129	2.940	3.045
2121	21.20	3.443	3.986	4.441	4.585	4.291	3.579	2.604	1.598	0.783	0.293
2131	21.30	0.136	0.202	0.314	0.298	0.045	-0.462	-1.149	-1.884	-2.516	-2.913
2141	21.40	-2.983	-2.677	-1.994	-0.981	0.262	1.589	2.817	3.767	4.304	4.383
2151	21.50	4.066	3.500	2.670	2.323	1.921	1.625	1.312	0.868	0.226	-0.581
2161	21.60	-1.436	-2.191	-2.738	-3.058	-3.229	-3.377	-3.607	-3.938	-4.279	-4.459
2171	21.70	-4.305	-3.716	-2.725	-1.489	-0.251	0.748	1.337	1.453	1.138	0.497
2181	21.80	-0.352	-1.314	-2.331	-3.370	-4.391	-5.336	-6.115	-6.631	-6.807	-6.595
2191	21.90	-6.042	-5.243	-4.352	-3.536	-2.943	-2.656	-2.667	-2.874	-3.103	-3.162
2201	22.00	-2.898	-2.250	-1.280	-0.150	0.921	1.735	2.170	2.218	1.969	1.565
2211	22.10	1.145	0.795	0.536	0.338	0.159	-0.016	-0.161	-0.218	-0.119	0.172
2221	22.20	0.648	1.253	1.906	2.526	3.058	3.479	3.793	4.007	4.117	4.091
2231	22.30	3.873	3.600	2.630	1.573	0.310	-1.005	-2.172	-2.993	-3.325	-3.135
2241	22.40	-2.511	-1.643	-0.758	-0.051	0.378	0.547	0.558	0.538	0.565	0.634
2251	22.50	0.658	0.527	0.171	-0.386	-1.025	-1.579	-1.905	-1.952	-1.779	-1.526
2261	22.60	-1.351	-1.358	-1.563	-1.901	-2.274	-2.592	-2.805	-2.890	-2.819	-2.535
2271	22.70	-1.959	-1.030	0.231	1.690	3.103	4.195	4.755	4.719	4.199	3.421
2281	22.80	2.622	1.944	1.381	0.815	0.108	-0.778	-1.723	-2.472	-2.740	-2.369
2291	22.90	-1.329	0.080	1.516	2.644	3.288	3.682	3.624	3.348	3.398	3.552
2301	23.00	3.649	3.488	2.959	2.127	1.223	0.547	0.335	0.642	1.310	2.034
2311	23.10	2.487	2.660	1.943	1.117	0.272	-0.311	-0.465	-0.185	0.388	1.038
2321	23.20	1.544	1.743	1.555	0.978	0.069	-1.072	-2.317	-3.513	-4.501	-5.141
2331	23.30	-5.347	-5.124	-4.573	-3.875	-3.239	-2.838	-2.747	-2.918	-3.190	-3.360
2341	23.40	-3.156	-2.517	-1.435	-0.067	1.334	2.492	3.194	3.359	3.062	2.499
2351	23.50	1.917	1.516	1.376	1.434	1.512	1.402	0.959	0.170	-0.827	-1.791
2361	23.60	-2.663	-2.659	-2.328	-1.561	-0.542	0.525	1.477	2.233	2.779	3.138
2371	23.70	3.323	3.321	3.098	2.634	1.954	1.145	0.348	-0.287	-0.644	-0.676
2381	23.80	-0.419	0.025	0.528	0.973	1.282	1.425	1.415	1.291	1.091	0.865
2391	23.90	0.559	0.222	-0.192	-0.700	-1.299	-1.948	-2.564	-3.036	-3.246	-3.124
2401	24.00	-2.662	-1.939	-1.097	-0.302	0.308	0.673	0.821	0.852	0.889	1.028
2411	24.10	1.298	1.651	1.987	2.196	2.194	1.952	1.491	0.867	0.149	-0.599
2421	24.20	-1.324	-1.975	-2.508	-2.885	-3.089	-3.134	-3.065	-2.948	-2.841	-2.774
2431	24.30	-2.730	-2.660	-2.512	-2.258	-1.924	-1.578	-1.299	-1.136	-1.067	-1.002
2441	24.40	-0.808	-0.370	0.357	1.311	2.362	3.254	3.872	4.099	3.934	3.457
2451	24.50	2.782	2.011	1.212	0.423	-0.322	-0.959	-1.392	-1.516	-1.264	-0.656
2461	24.60	0.180	1.039	1.698	2.001	1.919	1.555	1.107	0.773	0.677	0.815
2471	24.70	1.066	1.256	1.239	0.964	0.494	-0.030	-0.460	-0.705	-0.764	-0.713
2481	24.80	-0.652	-0.645	-0.688	-0.720	-0.666	-0.495	-0.248	-0.029	0.046	-0.081
2491	24.90	-0.372	-0.695	-0.878	-0.795	-0.427	0.113	0.625	0.905	0.833	0.433

Table 7—32—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1125 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.140	-0.662	-0.931	-0.851	-0.461	0.088	0.602	0.923	0.983	0.818
2511	25.10	0.538	0.279	0.150	0.208	0.449	0.819	1.236	1.595	1.791	1.727
2521	25.20	1.337	0.613	-0.372	-1.468	-2.474	-3.191	-3.680	-3.311	-2.775	-2.052
2531	25.30	-1.359	-0.875	-0.699	-0.833	-1.198	-1.670	-2.127	-2.473	-2.645	-2.613
2541	25.40	-2.369	-1.927	-1.320	-0.609	0.128	0.811	1.379	1.812	2.134	2.398
2551	25.50	2.655	2.924	3.179	3.354	3.379	3.232	2.868	2.419	1.968	1.606
2561	25.60	1.375	1.254	1.170	1.041	0.813	0.496	0.144	-0.146	-0.304	-0.312
2571	25.70	-0.217	-0.113	-0.099	-0.232	-0.501	-0.831	-1.113	-1.251	-1.267	-1.011
2581	25.80	-0.748	-0.516	-0.382	-0.345	-0.364	-0.281	-0.074	0.304	0.804	1.316
2591	25.90	1.709	1.882	1.802	1.511	1.104	0.687	0.335	0.069	-0.140	-0.340
2601	26.00	-0.571	-0.833	-1.092	-1.294	-1.398	-1.397	-1.320	-1.215	-1.123	-1.053
2611	26.10	-0.980	-0.869	-0.701	-0.500	-0.339	-0.310	-0.487	-0.878	-1.408	-1.935
2621	26.20	-2.298	-2.374	-2.134	-1.653	-1.087	-0.616	-0.375	-0.408	-0.656	-0.981
2631	26.30	-1.224	-1.255	-1.020	-0.547	0.070	0.712	1.271	1.678	1.912	1.987
2641	26.40	1.932	1.772	1.521	1.184	0.767	0.294	-0.186	-0.634	-0.883	-0.960
2651	26.50	-0.810	-0.458	0.023	0.526	0.944	1.194	1.247	1.130	0.921	0.721
2661	26.60	0.620	0.675	0.896	1.246	1.660	2.048	2.415	2.672	2.838	2.927
2671	26.70	2.960	2.948	2.889	2.766	2.553	2.227	1.777	1.215	0.584	-0.045
2681	26.80	-0.581	-0.929	-1.012	-0.796	-0.504	0.378	1.113	1.739	2.105	2.105
2691	26.90	1.700	0.928	-0.104	-1.253	-2.365	-3.311	-4.004	-4.412	-4.569	-4.463
2701	27.00	-4.220	-3.889	-3.533	-3.202	-2.929	-2.733	-2.613	-2.549	-2.511	-2.460
2711	27.10	-2.368	-2.225	-2.048	-1.874	-1.744	-1.687	-1.699	-1.738	-1.745	-1.660
2721	27.20	-1.462	-1.177	-0.881	-0.666	-0.604	-0.710	-0.927	-1.145	-1.237	-1.116
2731	27.30	-0.764	-0.243	0.329	0.822	1.142	1.255	1.187	1.004	0.776	0.556
2741	27.40	0.374	0.246	0.190	0.230	0.391	0.678	1.058	1.460	1.793	1.981
2751	27.50	1.993	1.861	1.660	1.479	1.373	1.364	1.343	1.302	1.177	0.977
2761	27.60	0.767	0.636	0.648	0.806	1.062	1.241	1.298	1.158	0.850	0.467
2771	27.70	0.127	-0.085	-0.150	-0.120	-0.087	-0.132	-0.283	-0.498	-0.678	-0.714
2781	27.80	-0.529	-0.112	0.476	1.121	1.690	2.069	2.188	2.034	1.643	1.098
2791	27.90	0.507	-0.016	-0.368	-0.482	-0.345	0.001	0.464	0.928	1.288	1.470
2801	28.00	1.453	1.261	0.948	0.575	0.194	-0.156	-0.451	-0.668	-0.793	-0.822
2811	28.10	-0.775	-0.705	-0.688	-0.802	-1.100	-1.577	-2.164	-2.744	-3.179	-3.362
2821	28.20	-3.249	-2.866	-2.303	-1.681	-1.107	-0.653	-0.336	-0.124	0.045	0.245
2831	28.30	0.537	0.956	1.503	2.140	2.792	3.360	3.743	3.859	3.672	3.204
2841	28.40	2.532	1.764	1.015	0.373	-0.115	-0.442	-0.627	-0.696	-0.667	-0.549
2851	28.50	-0.359	-0.127	0.095	0.248	0.292	0.251	0.127	0.085	0.215	0.582
2861	28.60	1.166	1.856	2.468	2.812	2.754	2.269	1.452	0.487	-0.414	-1.079
2871	28.70	-1.423	-1.463	-1.290	-1.023	-0.761	-0.555	-0.412	-0.310	-0.234	-0.190
2881	28.80	-0.206	-0.306	-0.489	-0.712	-0.896	-0.956	-0.838	-0.541	-0.125	0.319
2891	28.90	0.705	0.991	1.190	1.351	1.521	1.704	1.838	1.815	1.529	0.937
2901	29.00	0.098	-0.820	-1.591	-2.007	-1.955	-1.465	-0.699	0.109	0.736	1.051
2911	29.10	1.068	0.834	0.572	0.404	0.398	0.528	0.699	0.792	0.720	0.459
2921	29.20	0.052	-0.410	-0.825	-1.111	-1.223	-1.163	-0.973	-0.721	-0.496	-0.386
2931	29.30	-0.462	-0.758	-1.253	-1.865	-2.471	-2.934	-3.165	-3.059	-2.703	-2.167
2941	29.40	-1.573	-1.034	-0.630	-0.395	-0.321	-0.377	-0.517	-0.685	-0.823	-0.863
2951	29.50	-0.752	-0.467	-0.036	0.454	0.879	1.124	1.128	0.921	0.621	0.386
2961	29.60	0.351	0.565	0.968	1.414	1.736	1.822	1.660	1.340	0.999	0.753
2971	29.70	0.633	0.572	0.442	0.121	-0.438	-1.178	-1.961	-2.626	-3.056	-3.220
2981	29.80	-3.173	-3.008	-2.802	-2.583	-2.325	-1.991	-1.573	-1.126	-0.755	-0.568
2991	29.90	-0.617	-0.859	-1.161	-1.351	-1.290	-0.934	-0.355	0.295	0.847	1.187

Table 7—32—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1125 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = -15.589 (GAL) T= 10.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.294	1.235	1.111	1.003	0.927	0.834	0.646	0.318	-0.128	-0.587
3011	30.10	-0.907	-0.952	-0.658	-0.069	0.677	1.391	1.898	2.094	1.969	1.605
3021	30.20	1.137	0.704	0.408	0.248	0.324	0.448	0.577	0.636	0.582	0.407
3031	30.30	0.137	-0.178	-0.478	-0.709	-0.828	-0.814	-0.667	-0.410	-0.085	0.247
3041	30.40	0.522	0.686	0.715	0.625	0.476	0.358	0.356	0.521	0.838	1.228
3051	30.50	1.573	1.760	1.733	1.522	1.228	0.987	0.900	0.986	1.162	1.272
3061	30.60	1.155	0.720	-0.005	-0.870	-1.660	-2.176	-2.313	-2.100	-1.688	-1.287
3071	30.70	-1.080	-1.157	-1.491	-1.955	-2.386	-2.647	-2.673	-2.480	-2.133	-1.709
3081	30.80	-1.254	-0.772	-0.237	0.381	1.072	1.782	2.410	2.844	2.999	2.844
3091	30.90	2.423	1.836	1.212	0.667	0.272	0.041	-0.067	-0.117	-0.167	-0.244
3101	31.00	-0.334	-0.391	-0.370	-0.268	-0.047	0.173	0.337	0.389	0.319	0.170
3111	31.10	0.022	-0.043	0.022	0.206	0.445	0.666	0.730	0.659	0.452	0.172
3121	31.20	-0.106	-0.326	-0.465	-0.530	-0.562	-0.513	-0.435	-0.289	-0.061	0.239
3131	31.30	0.573	0.887	1.136	1.306	1.422	1.532	1.675	1.869	2.003	2.046
3141	31.40	1.892	1.499	0.900	0.201	-0.462	-0.967	-1.257	-1.356	-1.345	-1.321
3151	31.50	-1.343	-1.404	-1.434	-1.338	-1.047	-0.558	0.052	0.652	1.099	1.297
3161	31.60	1.223	0.935	0.547	0.184	-0.051	-0.108	0.009	0.258	0.578	0.915
3171	31.70	1.231	1.508	1.744	1.950	2.136	2.309	2.465	2.584	2.626	2.544
3181	31.80	2.290	1.839	1.205	0.450	-0.329	-1.015	-1.515	-1.782	-1.839	-1.766
3191	31.90	-1.676	-1.669	-1.792	-2.022	-2.267	-2.401	-2.314	-1.956	-1.361	-0.646
3201	32.00	0.030	0.513	0.708	0.610	0.302	-0.073	-0.370	-0.485	-0.389	-0.135
3211	32.10	0.175	0.428	0.543	0.497	0.328	0.108	-0.088	-0.207	-0.236	-0.193
3221	32.20	-0.113	-0.022	0.071	0.176	0.300	0.454	0.619	0.767	0.867	0.904
3231	32.30	0.889	0.851	0.826	0.835	0.870	0.896	0.867	0.748	0.536	0.268
3241	32.40	0.007	-0.181	-0.253	-0.207	-0.078	0.085	0.244	0.395	0.569	0.819
3251	32.50	1.187	1.671	2.209	2.690	2.974	2.946	2.569	1.811	0.838	-0.206
3261	32.60	-1.152	-1.662	-2.267	-2.377	-2.271	-2.065	-1.880	-1.800	-1.851	-1.995
3271	32.70	-2.144	-2.191	-2.046	-1.670	-1.097	-0.425	0.203	0.642	0.790	0.621
3281	32.80	0.192	-0.373	-0.920	-1.317	-1.489	-1.444	-1.262	-1.069	-0.989	-1.104
3291	32.90	-1.430	-1.910	-2.436	-2.881	-3.133	-3.129	-2.860	-2.373	-1.749	-1.079
3301	33.00	-0.443	0.103	0.530	0.825	0.986	1.004	0.865	0.552	0.057	-0.607
3311	33.10	-1.397	-2.239	-3.039	-3.699	-4.138	-4.311	-4.219	-3.906	-3.451	-2.946
3321	33.20	-2.479	-2.112	-1.871	-1.739	-1.665	-1.578	-1.405	-1.101	-0.658	-0.118
3331	33.30	0.440	0.914	1.212	1.276	1.105	0.753	0.315	-0.095	-0.383	-0.491
3341	33.40	-0.412	-0.186	0.119	0.429	0.686	0.858	0.943	0.966	0.965	0.977
3351	33.50	1.032	1.143	1.305	1.493	1.675	1.817	1.889	1.881	1.800	1.672
3361	33.60	1.532	1.419	1.362	1.378	1.465	1.608	1.778	1.939	2.052	2.079
3371	33.70	1.989	1.772	1.437	1.022	0.589	0.209	-0.055	-0.165	-0.121	0.062
3381	33.80	0.266	0.495	0.692	0.853	1.005	1.196	1.465	1.830	2.270	2.731
3391	33.90	3.140	3.420	3.515	3.400	3.085	2.612	2.042	1.449	0.898	0.443

Table 7—33—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1	0.0	1.512	2.197	2.589	2.589	2.209	1.564	0.823	0.143	-0.391	-0.787
11	0.10	-1.117	-1.451	-1.803	-2.103	-2.226	-2.053	-1.559	-0.829	-0.048	0.570
21	0.20	0.879	0.854	0.605	0.317	0.170	0.258	0.563	0.976	1.361	1.619
31	0.30	1.723	1.709	1.644	1.581	1.543	1.531	1.548	1.620	1.788	2.080
41	0.40	2.477	2.894	3.201	3.281	3.084	2.665	2.165	1.756	1.566	1.624
51	0.50	1.862	2.157	2.406	2.576	2.712	2.902	3.202	3.595	3.976	4.199
61	0.60	4.142	3.763	3.115	2.313	1.471	0.658	-0.112	-0.851	-1.546	-2.128
71	0.70	-2.683	-2.512	-2.196	-1.619	-0.959	-0.391	0.002	0.285	0.647	1.298
81	0.80	2.338	3.666	4.966	5.832	5.923	5.126	3.618	1.810	0.185	-0.894
91	0.90	-1.319	-1.247	-1.006	-0.924	-1.180	-1.745	-2.416	-2.942	-3.148	-3.016
101	1.00	-2.667	-2.284	-2.013	-1.893	-1.858	-1.797	-1.631	-1.366	-1.088	-0.911
111	1.10	-0.907	-1.061	-1.281	-1.448	-1.485	-1.391	-1.241	-1.126	-1.090	-1.094
121	1.20	-1.023	-0.753	-0.223	0.507	1.268	1.843	2.056	1.856	1.335	0.695
131	1.30	0.157	-0.124	-0.114	0.102	0.373	0.561	0.590	0.472	0.281	0.109
141	1.40	0.023	0.047	0.170	0.367	0.617	0.911	1.235	1.554	1.803	1.902
151	1.50	1.775	1.388	0.761	-0.038	-0.911	-1.761	-2.509	-3.092	-3.459	-3.557
161	1.60	-3.341	-2.800	-1.996	-1.076	-0.274	0.155	0.015	-0.746	-1.994	-3.423
171	1.70	-4.633	-5.261	-5.093	-4.145	-2.660	-1.039	0.286	0.981	0.911	0.166
181	1.80	-0.972	-2.122	-2.913	-3.087	-2.553	-1.400	0.149	1.799	3.260	4.309
191	1.90	4.820	4.770	4.272	3.292	2.129	0.889	-0.276	-1.230	-1.872	-2.157
201	2.00	-2.113	-1.844	-1.510	-1.278	-1.265	-1.482	-1.820	-2.079	-2.043	-1.578
211	2.10	-0.710	0.357	1.286	1.721	1.420	0.362	-1.221	-2.898	-4.178	-4.665
221	2.20	-4.199	-2.913	-1.187	0.469	1.583	1.864	1.290	0.104	-1.272	-2.374
231	2.30	-2.832	-2.483	-1.613	0.073	1.540	2.553	2.809	2.233	1.011	-0.449
241	2.40	-1.631	-2.077	-1.537	-0.080	1.896	3.772	4.889	4.778	3.331	0.873
251	2.50	-1.922	-4.229	-5.346	-4.918	-3.061	-0.318	2.527	4.706	5.710	5.423
261	2.60	4.109	2.281	0.492	-0.842	-1.539	-1.652	-1.372	-0.911	-0.414	0.074
271	2.70	0.579	1.144	1.774	2.428	3.032	3.511	3.815	3.915	3.767	3.401
281	2.80	2.729	1.784	0.660	-0.451	-1.295	-1.644	-1.404	-0.695	0.157	0.716
291	2.90	0.600	-0.551	-1.988	-3.876	-5.442	-6.176	-5.813	-4.416	-2.336	-0.070
301	3.00	1.908	3.280	3.927	3.885	3.264	2.174	0.714	-0.994	-2.758	-4.292
311	3.10	-5.274	-5.450	-4.749	-3.351	-1.650	-0.131	0.611	1.007	0.573	-0.159
321	3.20	-0.792	-1.023	-0.752	-0.084	0.753	1.537	2.140	2.552	2.831	3.020
331	3.30	3.089	2.945	2.504	1.783	0.954	0.307	0.140	0.609	1.631	2.882
341	3.40	3.920	4.372	4.108	3.303	2.365	1.737	1.676	2.108	2.638	2.717
351	3.50	1.895	0.054	-2.495	-5.094	-6.976	-7.569	-6.621	-4.462	-1.688	0.973
361	3.60	2.935	3.927	4.011	3.482	2.686	1.866	1.099	0.332	-0.514	-1.461
371	3.70	-2.353	-2.996	-3.257	-3.069	-2.546	-1.923	-1.437	-1.203	-1.143	-1.006
381	3.80	-0.489	0.607	2.254	4.163	5.873	6.919	7.010	6.165	4.607	2.846
391	3.90	1.305	0.257	-0.265	-0.439	-0.533	-0.774	-1.245	-1.875	-2.503	-2.964
401	4.00	-3.167	-3.099	-2.781	-2.199	-1.277	0.087	1.919	4.064	6.139	7.594
411	4.10	7.893	6.735	4.231	0.966	-2.243	-4.429	-4.991	-3.826	-1.395	1.434
421	4.20	3.698	4.657	4.032	2.054	-0.670	-3.390	-5.465	-6.529	-6.526	-5.646
431	4.30	-4.205	-2.530	-0.907	0.440	1.334	1.646	1.322	0.418	-0.883	-2.287
441	4.40	-3.466	-4.134	-4.147	-3.512	-2.372	-0.961	0.561	1.945	3.048	3.708
451	4.50	3.751	3.021	1.447	-0.876	-3.634	-6.325	-8.372	-9.294	-8.870	-7.234
461	4.60	-4.866	-2.357	-0.398	0.619	0.618	-0.136	-1.155	-1.912	-2.022	-1.368
471	4.70	-0.126	1.308	2.454	2.907	2.463	1.178	-0.640	-2.521	-3.957	-4.545
481	4.80	-4.096	-2.682	-0.639	1.547	3.364	4.432	4.619	4.090	3.252	2.624
491	4.90	2.653	3.544	5.164	7.062	8.605	9.202	8.520	6.628	3.999	1.361

Table 7—33—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1126 205-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
501	5.00	-0.551	-1.262	-0.733	0.624	2.096	2.928	2.603	1.013	-1.508	-4.327
511	5.10	-6.734	-8.171	-8.378	-7.405	-5.535	-3.156	-0.658	1.614	3.349	4.267
521	5.20	4.135	2.856	0.565	-2.296	-5.022	-6.804	-6.978	-5.276	-1.966	2.165
531	5.30	6.131	8.873	9.771	8.722	6.145	2.793	-0.533	-3.239	-5.079	-6.137
541	5.40	-6.694	-7.069	-7.379	-7.694	-7.887	-7.831	-7.465	-6.832	-6.043	-5.205
551	5.50	-4.353	-3.434	-2.336	-0.976	0.631	2.335	3.881	5.003	5.530	5.460
561	5.60	4.970	4.345	3.855	3.447	3.477	3.746	3.605	3.099	2.265	1.358
571	5.70	0.750	0.774	1.560	2.942	4.523	5.781	6.325	6.031	5.116	4.027
581	5.80	3.253	3.108	3.604	4.445	5.168	5.360	4.735	3.399	1.603	-0.295
591	5.90	-1.995	-3.338	-4.309	-4.958	-5.317	-5.355	-4.998	-4.199	-3.009	-1.590
601	6.00	-0.185	0.973	1.723	2.021	1.889	1.381	0.536	-0.603	-1.931	-3.224
611	6.10	-4.136	-4.292	-3.450	-1.653	0.701	2.949	4.389	4.557	3.432	1.469
621	6.20	-0.573	-1.940	-2.185	-1.346	0.089	1.398	1.920	1.297	-0.436	-2.925
631	6.30	-5.677	-8.230	-10.252	-11.530	-11.911	-11.260	-9.491	-6.668	-3.107	0.605
641	6.40	3.736	5.645	6.044	5.149	3.648	2.445	2.310	3.552	5.882	8.517
651	6.50	10.486	11.015	9.816	7.175	3.809	0.577	-1.839	-3.136	-3.420	-3.076
661	6.60	-2.565	-2.160	-2.033	-2.092	-2.192	-2.228	-2.208	-2.238	-2.465	-2.883
671	6.70	-3.471	-3.989	-4.156	-3.727	-2.604	-0.890	1.119	3.009	4.362	4.871
681	6.80	4.422	3.116	1.229	-0.869	-2.807	-4.294	-5.156	-5.326	-4.828	-3.731
691	6.90	-2.137	-0.181	1.959	4.058	5.875	7.199	7.915	8.045	7.757	7.307
701	7.00	6.957	6.881	7.097	7.455	7.683	7.467	6.542	4.770	2.174	-1.061
711	7.10	-4.618	-8.106	-11.122	-13.329	-14.517	-14.654	-13.887	-12.511	-10.876	-9.292
721	7.20	-7.936	-6.818	-5.811	-4.733	-3.449	-1.944	-0.329	1.210	2.508	3.500
731	7.30	4.249	4.904	5.600	6.358	7.034	7.342	6.963	5.685	3.527	0.787
741	7.40	-2.010	-4.260	-5.456	-5.358	-4.065	-1.992	0.264	2.111	3.144	3.263
751	7.50	2.676	1.796	1.071	0.804	1.044	1.581	2.061	2.153	1.714	0.866
761	7.60	-0.062	-0.662	-0.659	-0.034	0.951	1.862	2.285	2.005	1.088	-0.166
771	7.70	-1.386	-2.312	-2.917	-3.393	-4.021	-4.976	-6.190	-7.324	-7.888	-7.438
781	7.80	-5.721	-3.012	0.425	3.997	7.208	9.741	11.473	12.406	12.575	11.985
791	7.90	10.636	8.609	5.649	3.674	1.879	0.564	0.460	1.149	2.123	2.779
801	8.00	2.656	1.610	-0.149	-2.174	-3.982	-5.246	-5.882	-5.999	-5.760	-5.249
811	8.10	-4.417	-3.156	-1.432	0.560	2.391	3.504	3.437	2.061	-0.415	-3.328
821	8.20	-5.989	-7.867	-8.810	-9.063	-9.096	-9.338	-9.941	-10.700	-11.161	-10.861
831	8.30	-9.553	-7.318	-4.477	-1.385	1.788	5.137	8.902	13.200	17.749	21.771
841	8.40	24.159	23.889	20.495	14.379	6.776	-0.655	-6.459	-9.955	-11.469	-12.107
851	8.50	-13.129	-15.227	-18.042	-20.182	-19.784	-15.395	-6.796	4.635	16.213	24.822
861	8.60	28.036	25.038	16.938	6.373	-3.468	-9.986	-12.047	-10.242	-6.486	-3.152
871	8.70	-2.106	-4.027	-8.241	-13.084	-16.578	-17.169	-14.213	-8.115	-0.100	8.236
881	8.80	15.401	20.408	22.935	23.298	22.252	20.686	19.303	18.376	17.639	16.391
891	8.90	13.785	9.244	2.847	-4.475	-11.054	-14.945	-14.586	-9.445	-0.581	10.441
901	9.00	20.102	25.781	25.618	19.285	8.086	-5.445	-18.274	-27.693	-31.970	-30.676
911	9.10	-24.650	-15.677	-6.003	2.179	7.189	8.185	5.314	-0.368	-7.186	-13.535
921	9.20	-17.604	-18.790	-17.816	-15.503	-13.055	-11.292	-10.284	-9.382	-7.643	-4.457
931	9.30	-0.046	4.446	7.383	7.405	4.169	-1.318	-7.005	-10.645	-10.796	-7.500
941	9.40	-2.258	2.719	5.649	6.144	5.501	6.102	10.176	18.488	29.615	40.212
951	9.50	46.223	44.547	34.416	17.889	-0.907	-17.090	-26.956	-29.080	-24.594	-16.401
961	9.60	-7.837	-1.356	2.205	3.527	4.101	5.270	7.534	10.380	12.650	13.169
971	9.70	11.522	7.290	1.918	-3.691	-8.609	-12.367	-15.015	-16.975	-18.830	-21.116
981	9.80	-24.159	-27.993	-32.273	-36.257	-38.885	-38.985	-35.605	-28.379	-17.772	-5.081
991	9.90	7.861	19.183	27.483	32.156	33.407	31.985	28.780	24.507	19.590	14.286

Table 7—33—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	8.916	4.065	0.450	-1.105	-0.214	2.911	7.383	11.855	14.913	15.493
1011	10.10	13.182	8.308	1.827	-4.912	-10.466	-13.582	-13.470	-10.020	-3.932	3.320
1021	10.20	9.768	13.448	13.023	8.292	0.381	-8.560	-15.954	-19.871	-19.542	-15.705
1031	10.30	-10.262	-5.515	-3.286	-4.282	-7.976	-12.969	-17.677	-20.953	-22.400	-22.268
1041	10.40	-21.047	-19.006	-15.947	-11.292	-6.449	4.740	15.212	27.192	37.697	45.002
1051	10.50	48.559	47.728	42.785	34.551	24.171	12.930	2.126	-7.033	-13.559	-16.857
1061	10.60	-16.894	-14.275	-10.141	-5.875	-2.698	-1.293	-1.611	-2.932	-4.174	-4.321
1071	10.70	-2.800	0.319	4.370	8.361	11.216	12.273	11.269	8.334	4.031	-1.038
1081	10.80	-6.291	-11.259	-15.617	-19.011	-21.081	-21.384	-19.484	-15.106	-8.333	0.242
1091	10.90	9.492	17.912	23.942	26.376	24.725	19.408	11.669	3.245	-4.128	-9.207
1101	11.00	-11.556	-11.589	-10.336	-9.024	-8.640	-9.622	-11.761	-14.341	-16.422	-17.158
1111	11.10	-16.052	-13.073	-8.628	-3.630	1.698	6.012	9.001	10.474	10.565	9.673
1121	11.20	8.335	7.075	6.270	6.079	6.432	7.113	7.861	8.468	8.819	8.875
1131	11.30	8.617	7.998	6.944	5.421	3.530	1.565	0.006	-0.616	0.080	2.132
1141	11.40	5.124	8.260	10.591	11.344	10.225	7.557	4.204	1.259	-0.372	-0.340
1151	11.50	0.972	2.565	3.198	1.898	-1.594	-6.623	-11.768	-15.306	-15.834	-12.817
1161	11.60	-6.856	0.460	7.071	11.153	11.755	9.120	4.564	-0.040	-2.990	-3.393
1171	11.70	-1.476	1.546	3.996	4.428	2.238	-2.109	-7.255	-11.493	-13.464	-12.594
1181	11.80	-9.486	-5.507	-2.356	-1.421	-3.296	-7.607	-13.189	-18.517	-22.214	-23.434
1191	11.90	-22.033	-18.486	-13.640	-8.433	-3.672	0.071	2.467	3.400	2.952	1.413
1201	12.00	-0.695	-2.656	-3.681	-3.116	-0.666	3.451	8.510	13.457	17.222	19.067
1211	12.10	18.710	16.562	13.364	10.006	7.209	5.335	4.350	3.944	3.715	3.357
1221	12.20	2.762	2.052	1.410	1.182	1.579	2.715	4.534	6.788	9.037	10.695
1231	12.30	11.140	9.878	6.727	1.940	-3.787	-9.466	-14.081	-16.911	-17.728	-16.861
1241	12.40	-15.052	-13.181	-11.975	-11.812	-12.679	-14.283	-16.225	-18.148	-19.787	-20.918
1251	12.50	-21.275	-20.502	-18.208	-14.121	-8.269	-1.096	6.557	13.628	19.110	22.322
1261	12.60	23.075	21.689	18.855	15.416	12.153	9.636	8.162	7.771	8.297	9.428
1271	12.70	10.765	11.876	12.378	12.025	10.728	8.837	6.592	4.516	3.010	2.278
1281	12.80	2.253	2.621	2.915	2.651	1.458	-0.820	-4.084	-7.974	-11.916	-15.211
1291	12.90	-17.171	-17.291	-15.427	-11.926	-7.625	-3.695	-1.526	-1.337	-3.868	-8.155
1301	13.00	-12.862	-16.317	-17.134	-14.691	-9.377	-2.491	4.180	8.952	10.785	9.580
1311	13.10	6.135	1.793	-2.062	-4.453	-5.051	-4.132	-2.316	-0.222	1.796	3.733
1321	13.20	5.832	8.363	11.422	14.825	18.159	20.940	22.798	23.602	23.478	22.732
1331	13.30	21.728	20.375	20.075	19.713	19.675	19.850	20.026	19.888	19.063	17.231
1341	13.40	14.274	10.406	6.197	2.446	-0.075	-0.937	-0.267	1.218	2.430	2.295
1351	13.50	0.170	-3.882	-9.084	-14.211	-18.029	-19.737	-19.234	-17.112	-14.393	-12.129
1361	13.60	-11.031	-11.263	-12.473	-14.013	-15.245	-15.800	-15.699	-15.302	-15.138	-15.679
1371	13.70	-17.162	-19.500	-22.305	-24.996	-26.950	-27.660	-26.843	-24.501	-20.902	-16.505
1381	13.80	-11.832	-7.330	-3.254	0.396	3.650	7.463	11.556	16.251	21.362	26.268
1391	13.90	30.189	32.161	31.388	27.466	20.563	11.477	1.525	-7.728	-14.832	-18.824
1401	14.00	-19.486	-17.407	-13.796	-10.116	-7.663	-7.090	-8.451	-11.079	-13.987	-16.219
1411	14.10	-17.160	-16.661	-14.962	-12.475	-9.559	-6.398	-3.031	0.504	4.012	7.093
1421	14.20	9.235	10.041	9.455	7.863	6.009	4.718	4.571	5.662	7.579	9.610
1431	14.30	11.092	11.732	11.742	11.729	12.371	14.050	16.608	19.348	21.272	21.457
1441	14.40	19.385	15.099	9.119	2.201	-4.961	-11.794	-18.045	-23.431	-27.581	-29.956
1451	14.50	-29.970	-27.248	-21.903	-14.669	-6.810	0.203	5.132	7.351	7.006	4.912
1461	14.60	2.213	-0.017	-1.100	-0.864	0.455	2.456	4.805	7.387	10.268	13.550
1471	14.70	17.195	20.916	24.177	26.338	26.844	25.397	22.050	17.193	11.452	5.546
1481	14.80	0.153	-4.200	-7.197	-8.759	-9.026	-8.311	-7.015	-5.532	-4.148	-2.994
1491	14.90	-2.041	-1.175	-0.294	0.601	1.378	1.813	1.699	0.956	-0.289	-1.707

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-2.849	-3.268	-2.639	-0.638	2.047	5.748	9.862	13.907	17.353	19.677
1511	15.10	20.432	19.345	16.414	11.958	6.581	1.049	-3.906	-7.758	-10.317	-11.699
1521	15.20	-12.212	-12.179	-11.782	-11.004	-9.882	-7.635	-4.817	-1.412	2.188	5.369
1531	15.30	7.628	8.501	7.752	5.384	1.630	-3.077	-8.139	-12.859	-16.530	-18.564
1541	15.40	-18.634	-16.779	-13.423	-9.275	-5.135	-1.651	0.856	2.459	3.530	4.560
1551	15.50	5.825	7.432	9.076	10.259	10.457	9.319	6.785	3.098	-1.293	-5.866
1561	15.60	-10.140	-13.764	-16.510	-18.253	-18.942	-18.597	-17.321	-15.309	-12.832	-10.179
1571	15.70	-7.582	-5.141	-2.808	-0.429	2.158	5.007	7.996	10.825	13.105	14.501
1581	15.80	14.873	14.344	13.284	12.178	11.452	11.300	11.589	11.889	11.606	10.201
1591	15.90	7.386	3.258	-1.709	-6.793	-11.252	-14.554	-16.549	-17.497	-17.964	-18.597
1601	16.00	-19.881	-21.937	-24.467	-26.831	-28.257	-28.106	-26.082	-22.347	-17.469	-12.258
1611	16.10	-7.512	-3.794	-1.287	0.231	1.278	2.490	4.617	7.369	11.336	16.003
1621	16.20	20.841	25.233	28.616	30.597	31.036	30.061	28.061	25.583	23.215	21.446
1631	16.30	20.526	20.407	20.757	21.068	20.820	19.659	17.512	14.593	11.312	8.094
1641	16.40	5.212	2.686	0.293	-2.309	-5.408	-9.095	-13.203	-17.366	-21.160	-24.251
1651	16.50	-26.496	-27.929	-28.678	-28.842	-28.414	-27.290	-25.366	-22.666	-19.628	-16.086
1661	16.60	-13.137	-10.953	-9.612	-8.836	-8.085	-6.753	-4.409	-0.966	3.286	7.795
1671	16.70	11.957	15.319	17.706	19.218	20.123	20.699	21.116	21.388	21.414	21.059
1681	16.80	20.239	18.956	17.282	15.313	13.132	10.796	8.350	5.868	3.437	1.135
1691	16.90	-1.034	-3.165	-5.468	-8.188	-11.502	-15.409	-19.683	-23.910	-27.593	-30.298
1701	17.00	-31.757	-31.903	-30.820	-28.665	-25.487	-21.394	-16.405	-10.631	-4.344	2.014
1711	17.10	7.890	12.749	16.205	18.111	18.560	17.820	16.228	14.109	11.746	9.394
1721	17.20	7.327	5.841	5.226	5.673	7.205	9.612	12.488	15.328	17.654	19.127
1731	17.30	19.589	19.040	17.570	15.291	12.313	8.771	4.871	0.919	-2.698	-5.612
1741	17.40	-7.585	-8.608	-8.922	-8.963	-9.119	-9.774	-10.995	-12.622	-14.315	-15.696
1751	17.50	-16.469	-16.510	-15.867	-14.706	-13.233	-11.616	-9.951	-8.245	-6.541	-4.751
1761	17.60	-2.875	-0.910	1.133	3.235	5.473	7.511	9.593	11.544	13.266	14.649
1771	17.70	15.590	16.016	15.919	15.371	14.527	13.584	12.708	11.949	11.173	10.066
1781	17.80	8.221	5.300	1.210	-3.779	-9.065	-13.772	-17.222	-19.002	-19.225	-18.471
1791	17.90	-17.563	-17.226	-17.776	-18.979	-20.135	-20.374	-19.025	-15.907	-11.420	-6.396
1801	18.00	-1.764	1.782	4.039	5.309	6.218	7.411	9.269	11.760	14.474	16.812
1811	18.10	18.239	18.484	17.617	15.987	14.053	12.193	10.571	9.084	7.433	5.252
1821	18.20	2.263	-1.589	-6.072	-10.680	-14.735	-17.537	-18.552	-17.565	-14.772	-10.759
1831	18.30	-6.377	-2.520	0.110	1.193	0.870	-0.324	-1.655	-2.436	-2.249	-1.063
1841	18.40	0.788	2.759	4.314	5.113	5.128	4.607	3.948	3.511	3.468	3.748
1851	18.50	4.090	4.194	3.881	3.199	2.420	1.934	2.068	2.938	4.376	5.992
1861	18.60	7.326	8.099	8.068	7.550	6.918	6.528	6.577	6.992	7.462	7.572
1871	18.70	6.978	5.554	3.939	0.976	-1.408	-3.346	-4.604	-5.120	-4.946	-4.208
1881	18.80	-3.070	-1.741	-0.693	0.342	0.428	-0.474	-2.394	-5.084	-8.050	-10.672
1891	18.90	-12.398	-12.922	-12.274	-10.792	-8.983	-7.328	-6.114	-5.364	-4.864	-4.291
1901	19.00	-3.351	-1.894	0.055	2.330	4.693	6.919	8.829	10.301	11.260	11.659
1911	19.10	11.495	10.823	9.782	8.583	7.467	6.642	6.202	6.093	6.116	5.989
1921	19.20	5.437	4.285	2.516	0.288	-2.114	-4.346	-6.090	-7.127	-7.379	-6.914
1931	19.30	-5.928	-4.688	-3.472	-2.506	-1.909	-1.677	-1.691	-1.766	-1.721	-1.449
1941	19.40	-0.961	-0.389	0.064	0.204	-0.076	-0.732	-1.599	-2.435	-3.033	-3.315
1951	19.50	-3.382	-3.489	-3.965	-4.980	-6.620	-8.623	-10.514	-11.710	-11.694	-10.990
1961	19.60	-7.221	-5.375	0.794	4.428	6.815	7.499	6.385	3.741	0.121	-3.778
1971	19.70	-7.276	-9.586	-11.307	-11.647	-11.162	-10.243	-9.245	-8.375	-7.633	-6.851
1981	19.80	-5.800	-4.321	-2.432	-0.376	1.507	2.874	3.867	3.701	3.657	3.950
1991	19.90	5.027	7.085	9.964	13.183	16.089	18.063	18.710	17.952	16.005	13.269

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TABLE OF CORRECTED ACCELERATION RECORD — NO. 5

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	10.185	7.123	4.345	2.024	0.300	-0.681	-0.785	0.056	1.762	4.064
2011	20.10	6.520	8.602	9.818	9.839	8.569	6.151	2.914	0.709	-1.274	-2.378
2021	20.20	-7.700	-11.019	-11.239	-10.406	-8.732	-6.585	-4.441	-2.790	-2.030	-2.364
2031	20.30	-3.745	-5.891	-8.361	-10.670	-12.413	-13.347	-13.426	-12.787	-11.686	-10.420
2041	20.40	-9.251	-8.369	-7.756	-7.386	-7.058	-6.556	-5.700	-4.416	-2.779	-1.004
2051	20.50	0.617	1.811	2.631	2.516	2.292	2.090	2.218	2.837	3.883	5.093
2061	20.60	6.103	6.610	6.511	5.976	5.403	5.284	6.025	7.778	10.369	13.329
2071	20.70	16.018	17.805	18.225	17.080	14.453	10.658	6.157	1.469	-2.903	-6.522
2081	20.80	-9.071	-10.399	-10.566	-9.852	-8.715	-7.678	-7.166	-7.335	-8.006	-8.665
2091	20.90	-8.636	-7.524	-4.461	-0.255	4.634	9.282	12.804	14.641	14.727	13.469
2101	21.00	11.546	9.522	8.086	6.945	5.893	4.533	2.627	0.267	-2.126	-3.963
2111	21.10	-4.749	-4.304	-2.850	-0.915	0.892	2.148	2.780	3.069	3.487	4.448
2121	21.20	6.079	8.136	10.072	11.234	11.108	9.486	6.519	2.635	-1.608	-5.627
2131	21.30	-9.164	-11.807	-13.469	-14.111	-13.779	-12.616	-10.871	-8.871	-6.950	-5.355
2141	21.40	-4.163	-3.270	-2.443	-1.630	-0.073	1.641	3.594	5.617	7.579	9.428
2151	21.50	11.167	12.783	14.170	15.120	15.383	14.801	13.414	11.505	9.519	7.898
2161	21.60	6.887	6.421	6.137	5.517	4.101	1.668	-1.687	-5.611	-9.649	-13.404
2171	21.70	-16.636	-19.252	-21.222	-22.477	-22.870	-22.218	-20.423	-17.589	-14.067	-10.396
2181	21.80	-7.154	-4.780	-3.452	-3.072	-3.363	-4.011	-4.791	-5.618	-6.495	-7.412
2191	21.90	-8.256	-8.776	-8.654	-7.623	-5.598	-2.747	0.550	3.710	6.296	7.955
2201	22.00	8.592	8.354	7.557	6.588	5.788	5.379	5.415	5.790	6.270	6.576
2211	22.10	6.464	5.812	4.665	3.229	1.808	0.701	0.099	0.018	0.308	0.721
2221	22.20	1.020	1.074	0.891	0.583	0.273	0.005	-0.301	-0.822	-1.723	-3.048
2231	22.30	-4.662	-6.164	-7.198	-7.411	-6.699	-5.245	-3.458	-1.819	-0.681	-0.127
2241	22.40	0.067	0.337	1.155	2.021	5.334	8.367	11.377	13.776	15.122	15.230
2251	22.50	14.200	12.340	10.039	7.651	5.412	3.435	1.739	0.298	-0.926	-1.976
2261	22.60	-2.923	-3.874	-4.958	-6.256	-7.887	-9.663	-11.376	-12.702	-13.320	-13.011
2271	22.70	-11.728	-9.619	-6.973	-4.144	-1.451	0.882	2.750	4.150	5.133	5.771
2281	22.80	6.127	6.259	6.230	6.110	5.975	5.887	5.868	5.896	5.911	5.843
2291	22.90	5.648	5.331	4.955	4.609	4.379	4.300	4.344	4.418	4.408	4.218
2301	23.00	3.814	3.239	2.593	1.990	1.503	1.126	0.767	0.292	-0.411	-1.367
2311	23.10	-2.471	-3.510	-4.234	-4.444	-4.082	-3.256	-2.189	-1.167	-0.305	0.300
2321	23.20	0.769	1.257	1.847	2.467	2.875	2.750	1.843	0.124	-2.148	-4.488
2331	23.30	-6.358	-7.383	-7.518	-7.077	-6.614	-6.689	-7.625	-9.350	-11.412	-13.137
2341	23.40	-13.884	-13.285	-11.363	-8.527	-5.391	-2.570	-0.487	0.722	1.188	1.203
2351	23.50	1.084	1.057	1.250	1.507	2.021	2.349	2.454	2.244	1.690	0.847
2361	23.60	-0.138	-1.030	-1.547	-1.427	-0.510	1.190	3.455	5.693	8.024	9.401
2371	23.70	9.718	8.889	7.065	4.584	1.884	-0.592	-2.495	-3.613	-3.895	-3.428
2381	23.80	-2.398	-1.035	0.428	1.794	2.926	3.754	4.282	4.571	4.726	4.862
2391	23.90	5.064	5.349	5.630	5.718	5.358	4.307	2.423	-0.247	-3.634	-6.682
2401	24.00	-9.468	-11.242	-11.765	-10.989	-9.159	-6.714	-4.164	-1.960	-0.410	0.356
2411	24.10	0.372	-0.205	-1.134	-2.123	-2.859	-3.061	-2.567	-1.316	0.402	2.160
2421	24.20	3.396	3.599	2.518	0.275	-2.620	-5.400	-7.281	-7.715	-6.569	-4.154
2431	24.30	-1.106	1.848	4.122	5.440	5.867	5.717	5.389	5.200	5.285	5.587
2441	24.40	5.917	6.051	5.820	5.148	4.066	2.687	1.177	-0.270	-1.451	-2.184
2451	24.50	-2.334	-1.847	-0.772	0.748	2.509	4.302	5.963	7.396	8.562	9.434
2461	24.60	9.958	10.030	9.511	8.285	6.318	3.704	0.665	-2.497	-5.479	-8.052
2471	24.70	-10.101	-11.620	-12.665	-13.286	-13.482	-13.188	-12.307	-10.774	-8.620	-6.006
2481	24.80	-3.207	-0.553	1.665	3.295	4.368	5.113	5.874	6.995	8.693	10.958
2491	24.90	13.526	15.941	17.676	18.291	17.562	15.531	12.481	8.828	4.994	1.300

Table 7—33—6

TABLE OF CORRECTED ACCELERATION RECORD — NO. 6

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-2.081	-5.094	-7.741	-10.012	-11.852	-13.180	-13.940	-14.153	-13.926	-13.421
2511	25.10	-12.781	-12.061	-11.211	-10.104	-8.626	-6.761	-4.640	-2.515	-0.672	0.684
2521	25.20	1.557	1.973	2.327	2.863	3.768	5.065	6.621	8.214	9.625	10.708
2531	25.30	11.416	11.783	11.878	11.767	11.497	11.106	10.637	10.140	9.654	9.178
2541	25.40	8.650	7.959	6.980	5.634	3.924	1.938	-0.198	-2.385	-4.609	-6.949
2551	25.50	-9.535	-12.462	-15.707	-19.084	-22.271	-24.884	-26.581	-27.148	-26.540	-24.870
2561	25.60	-22.360	-19.290	-15.960	-12.661	-9.657	-7.150	-5.235	-3.856	-2.798	-1.732
2571	25.70	-0.325	1.637	4.136	6.907	9.507	11.479	12.530	12.654	12.143	11.481
2581	25.80	11.154	11.463	12.405	13.695	14.882	15.540	15.633	14.596	13.295	11.905
2591	25.90	10.743	9.944	9.412	8.874	8.004	6.555	4.469	1.896	-0.851	-3.609
2601	26.00	-5.476	-6.906	-7.727	-8.109	-8.268	-8.377	-8.497	-8.567	-8.454	-8.035
2611	26.10	-7.286	-6.319	-5.358	-4.659	-4.394	-4.573	-5.013	-5.409	-5.445	-4.932
2621	26.20	-3.896	-2.572	-1.321	-0.481	-0.230	-0.516	-1.079	-1.555	-1.627	-1.134
2631	26.30	-0.127	1.174	2.479	3.539	4.228	4.561	4.655	4.656	4.686	4.802
2641	26.40	5.011	5.292	5.622	5.982	6.349	6.674	6.876	6.859	6.543	5.898
2651	26.50	4.961	3.824	2.601	1.379	0.194	-0.969	-2.147	-3.357	-4.561	-5.654
2661	26.60	-6.491	-6.935	-6.900	-6.392	-5.508	-4.422	-3.340	-2.466	-1.958	-1.923
2671	26.70	-2.389	-3.310	-4.566	-5.967	-7.274	-8.232	-8.605	-8.221	-7.011	-5.025
2681	26.80	-2.428	0.526	3.538	6.312	8.604	10.250	11.188	11.452	11.155	10.452
2691	26.90	9.513	8.484	7.467	6.515	5.632	4.788	3.937	3.028	2.024	0.909
2701	27.00	-0.301	-1.553	-2.755	-3.795	-4.559	-4.960	-4.970	-4.626	-4.027	-3.307
2711	27.10	-2.596	-1.995	-1.559	-1.311	-1.259	-1.415	-1.795	-2.395	-3.161	-3.965
2721	27.20	-4.613	-4.893	-4.655	-3.879	-2.719	-1.477	-0.520	-0.158	-0.532	-1.566
2731	27.30	-2.986	-4.419	-5.527	-6.116	-6.185	-5.902	-5.506	-5.194	-5.038	-4.963
2741	27.40	-4.798	-4.366	-3.566	-2.423	-1.066	0.360	1.674	2.912	4.125	5.414
2751	27.50	6.828	8.294	9.610	10.503	10.746	10.269	9.218	7.933	6.836	6.277
2761	27.60	6.399	7.078	7.963	8.606	8.635	7.885	6.452	4.640	2.836	1.361
2771	27.70	0.358	-0.237	-0.643	-1.131	-1.910	-3.058	-4.510	-6.097	-7.616	-8.889
2781	27.80	-9.803	-10.313	-10.430	-10.202	-9.698	-9.001	-8.192	-7.347	-6.512	-5.696
2791	27.90	-4.878	-4.024	-3.110	-2.147	-1.174	-0.234	0.658	1.541	2.496	3.610
2801	28.00	4.916	6.356	7.764	8.930	9.655	9.830	9.466	8.672	7.589	6.322
2811	28.10	4.897	3.286	1.474	-0.468	-2.346	-3.880	-4.806	-5.003	-4.581	-3.872
2821	28.20	-3.337	-3.387	-4.224	-5.745	-7.573	-9.182	-10.084	-9.993	-8.898	-7.057
2831	28.30	-4.787	-2.525	-0.521	1.110	2.375	3.349	4.111	4.715	5.193	5.575
2841	28.40	5.915	6.278	6.716	7.239	7.799	8.301	8.648	8.784	8.714	8.505
2851	28.50	8.263	7.983	7.723	7.394	6.905	6.191	5.256	4.186	3.112	2.158
2861	28.60	1.380	0.737	0.106	-0.662	-1.672	-2.926	-4.310	-5.619	-6.827	-7.162
2871	28.70	-7.157	-6.664	-5.830	-4.836	-3.846	-2.963	-2.226	-1.626	-1.134	-0.727
2881	28.80	-0.405	-0.179	-0.061	-0.050	-0.132	-0.277	-0.451	-0.618	-0.737	-0.761
2891	28.90	-0.637	-0.323	0.193	0.865	1.581	2.177	2.481	2.369	1.812	0.898
2901	29.00	-0.195	-1.254	-2.106	-2.674	-2.990	-3.170	-3.366	-3.606	-3.965	-4.269
2911	29.10	-4.431	-4.299	-3.813	-3.016	-2.042	-1.077	-0.290	0.216	0.429	0.444
2921	29.20	0.405	0.469	0.744	1.253	1.926	2.620	3.169	3.445	3.418	3.174
2931	29.30	2.895	2.802	3.059	3.693	4.553	5.327	5.628	5.117	3.621	1.210
2941	29.40	-1.803	-4.942	-7.690	-9.633	-10.556	-10.477	-9.613	-8.289	-6.835	-5.501
2951	29.50	-4.415	-3.585	-2.946	-2.408	-1.908	-1.428	-0.987	-0.615	-0.325	-0.092
2961	29.60	0.135	0.412	0.763	1.153	1.487	1.639	1.501	1.037	0.310	-0.521
2971	29.70	-1.256	-1.723	-1.839	-1.641	-1.261	-0.857	-0.542	-0.320	-0.088	0.315
2981	29.80	1.027	2.074	3.338	4.571	5.475	5.797	5.417	4.386	2.905	1.267
2991	29.90	-0.231	-1.353	-1.967	-2.052	-1.682	-0.993	-0.154	0.670	1.340	1.772

Table 7—33—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1126 206-GR-1-46 LG. (HB.) OMIGAWA BRIDGE MAX. ACC. = 48.559 (GAL) T= 10.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.947	1.908	1.734	1.500	1.236	0.902	0.413	-0.331	-1.371	-2.649
3011	30.10	-3.988	-5.132	-5.826	-5.899	-5.328	-4.251	-2.914	-1.596	-0.501	0.284
3021	30.20	0.816	1.256	1.788	2.565	3.544	4.673	5.706	6.369	6.408	5.671
3031	30.30	4.147	1.987	-0.526	-3.035	-5.214	-6.825	-7.781	-8.162	-8.072	-7.752
3041	30.40	-7.304	-6.746	-5.993	-4.915	-3.426	-1.553	0.538	2.568	4.237	5.318
3051	30.50	5.742	5.613	5.171	4.701	4.432	4.464	4.769	5.128	5.403	5.426
3061	30.60	5.153	4.661	4.124	3.750	3.714	4.104	4.890	5.929	7.001	7.862
3071	30.70	8.301	8.192	7.515	6.360	4.887	3.279	1.684	0.172	-1.273	-2.728
3081	30.80	-4.278	-5.948	-7.666	-9.247	-10.431	-10.950	-10.611	-9.358	-7.294	-4.663
3091	30.90	-1.789	0.996	3.414	5.278	6.501	7.077	7.060	6.544	5.659	4.560
3101	31.00	3.421	2.411	1.661	1.228	1.080	1.103	1.131	1.001	0.596	-0.130
3111	31.10	-1.155	-2.416	-3.838	-5.355	-6.904	-8.404	-9.732	-10.725	-11.204	-11.031
3121	31.20	-10.165	-8.688	-6.796	-4.734	-2.717	-0.857	0.864	2.562	4.376	6.380
3131	31.30	8.522	10.626	12.441	13.738	14.387	14.409	13.910	13.108	12.157	11.136
3141	31.40	10.026	8.746	7.221	5.431	3.439	1.359	-0.687	-2.629	-4.465	-6.251
3151	31.50	-8.045	-9.852	-11.589	-13.096	-14.186	-14.717	-14.652	-14.085	-13.208	-12.252
3161	31.60	-11.414	-10.803	-10.419	-10.188	-10.000	-9.766	-9.425	-8.967	-8.386	-7.670
3171	31.70	-6.782	-5.683	-4.358	-2.840	-1.222	0.370	1.819	3.073	4.183	5.195
3181	31.80	6.304	7.581	9.020	10.504	11.828	12.774	13.189	13.042	12.433	11.548
3191	31.90	10.589	9.692	8.890	8.118	7.260	6.223	4.985	3.613	2.232	0.966
3201	32.00	-0.117	-1.036	-1.878	-2.747	-3.701	-4.711	-5.658	-6.383	-6.754	-6.727
3211	32.10	-6.372	-5.860	-5.304	-4.869	-4.520	-4.118	-3.451	-2.325	-0.654	1.485
3221	32.20	3.860	6.145	8.023	9.285	9.885	9.944	9.685	9.346	9.088	8.937
3231	32.30	8.790	8.456	7.739	6.517	4.795	2.716	0.530	-1.479	-3.057	-4.051
3241	32.40	-4.637	-4.320	-3.897	-3.404	-3.052	-2.978	-3.215	-3.698	-4.294	-4.846
3251	32.50	-5.229	-5.385	-5.333	-5.153	-4.948	-4.800	-4.739	-4.733	-4.711	-4.601
3261	32.60	-4.365	-4.023	-3.640	-3.501	-3.064	-2.929	-2.841	-2.708	-2.455	-2.063
3271	32.70	-1.592	-1.164	-0.913	-0.928	-1.203	-1.632	-2.035	-2.225	-2.078	-1.575
3281	32.80	-0.796	0.097	0.949	1.657	2.204	2.654	3.101	3.614	4.197	4.774
3291	32.90	5.216	5.391	5.213	4.677	3.855	2.870	1.856	0.923	0.136	-0.476
3301	33.00	-0.902	-1.134	-1.162	-0.979	-0.608	-0.108	0.421	0.864	1.119	1.133
3311	33.10	0.914	0.514	0.000	-0.590	-1.271	-2.102	-3.146	-4.414	-5.813	-7.136
3321	33.20	-8.094	-8.405	-7.885	-6.539	-4.576	-2.373	-0.370	1.060	1.718	1.629
3331	33.30	1.021	0.235	-0.391	-0.624	-0.396	0.197	0.945	1.601	1.951	1.860
3341	33.40	1.290	0.291	-1.016	-2.462	-3.851	-4.985	-5.696	-5.876	-5.508	-4.673
3351	33.50	-3.526	-2.253	-1.016	0.099	1.081	1.987	2.892	3.839	4.814	5.747
3361	33.60	6.542	7.114	7.423	7.474	7.302	6.943	6.418	5.733	4.902	3.979
3371	33.70	3.063	2.292	1.602	1.683	1.938	2.485	3.173	3.836	4.336	4.594
3381	33.80	4.599	4.390	4.040	3.626	3.217	2.862	2.571	2.305	1.970	1.432
3391	33.90	0.558	-0.724	-2.361	-4.151	-5.771	-6.861	-7.163	-6.525	-5.154	-3.373

Table 7—34—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.997	-2.029	-1.363	-0.094	1.430	2.708	3.256	2.795	1.369	-0.644
11	0.10	-2.650	-4.042	-4.409	-3.686	-2.162	-0.374	1.105	1.869	1.812	1.133
21	0.20	0.223	-0.527	-0.884	-0.853	-0.632	-0.476	-0.541	-0.790	-1.008	-0.929
31	0.30	-0.391	0.560	1.571	2.307	2.446	1.961	1.066	0.295	0.078	0.608
41	0.40	1.687	2.776	3.229	2.603	0.904	-1.355	-3.324	-4.158	-3.382	-1.119
51	0.50	1.925	4.723	6.374	6.217	4.518	1.896	-0.218	-2.501	-3.035	-2.619
61	0.60	-1.150	0.135	0.946	1.121	0.836	0.457	0.331	0.604	1.160	1.698
71	0.70	1.894	1.568	0.774	-0.228	-1.090	-1.539	-1.497	-1.109	-0.670	-0.494
81	0.80	-0.768	-1.475	-2.399	-3.209	-3.592	-3.371	-2.569	-1.398	-0.183	0.748
91	0.90	1.169	1.013	0.382	-0.500	-1.371	-2.007	-2.290	-2.228	-1.939	-1.594
101	1.00	-1.347	-1.279	-1.356	-1.450	-1.387	-1.027	-0.330	0.602	1.567	2.252
111	1.10	2.426	2.032	1.125	-0.072	-1.263	-2.181	-2.666	-2.689	-2.332	-1.717
121	1.20	-0.952	-0.107	0.763	1.575	2.188	2.420	2.125	1.293	0.113	-1.037
131	1.30	-1.701	-1.526	-0.432	1.312	3.145	4.413	4.617	3.622	1.712	-0.508
141	1.40	-2.356	-3.327	-3.272	-2.409	-1.185	-0.054	0.709	1.088	1.256	1.421
151	1.50	1.664	1.883	1.852	1.382	0.478	-0.594	-1.383	-1.453	-0.604	0.994
161	1.60	2.826	4.226	4.652	3.946	2.364	0.518	-0.919	-1.493	-1.161	-0.287
171	1.70	0.544	0.811	0.307	-0.769	-1.905	-2.522	-2.244	-1.081	0.571	2.096
181	1.80	2.923	2.757	1.682	0.098	-1.464	-2.568	-3.025	-2.921	-2.521	-2.106
191	1.90	-1.831	-1.676	-1.487	-1.093	-0.420	0.448	1.296	1.863	1.957	1.527
201	2.00	0.686	-0.334	-1.259	-1.848	-1.953	-1.549	-0.736	0.283	1.223	1.800
211	2.10	1.804	1.188	0.116	-1.063	-1.922	-2.123	-1.580	-0.525	0.552	1.108
221	2.20	0.797	-0.336	-1.825	-2.955	-3.073	-1.908	0.254	2.636	4.285	4.458
231	2.30	2.986	0.379	-2.338	-4.120	-4.158	-2.390	0.567	3.647	5.762	6.214
241	2.40	4.941	2.483	-0.264	-2.409	-3.378	-3.063	-1.780	-0.085	1.447	2.406
251	2.50	2.615	2.127	1.141	-0.080	-1.268	-2.191	-2.683	-2.669	-2.178	-1.349
261	2.60	-0.391	0.474	1.084	1.379	1.403	1.255	1.031	0.771	0.459	0.059
271	2.70	-0.423	-0.897	-1.203	-1.167	-0.688	0.205	1.326	2.411	3.193	3.498
281	2.80	3.297	2.687	1.837	0.908	0.013	-0.796	-1.497	-2.061	-2.436	-2.561
291	2.90	-2.404	-1.998	-1.450	-0.909	-0.511	-0.318	-0.298	-0.334	-0.285	-0.055
301	3.00	0.358	0.850	1.240	1.339	1.011	0.229	-0.908	-2.184	-3.317	-4.011
311	3.10	-4.035	-3.280	-1.808	0.136	2.163	3.814	4.684	4.537	3.392	1.543
321	3.20	-0.512	-2.206	-3.069	-2.875	-1.714	0.034	1.816	3.081	3.447	2.812
331	3.30	1.375	-0.437	-2.116	-3.223	-3.516	-3.007	-1.933	-0.678	0.357	0.856
341	3.40	0.667	-0.155	-1.379	-2.652	-3.583	-3.842	-3.250	-1.868	0.085	2.084
351	3.50	3.612	4.223	3.713	2.217	0.183	-1.759	-3.007	-3.203	-2.351	-0.802
361	3.60	0.900	2.243	2.997	3.043	2.804	2.561	2.512	2.602	2.564	2.083
371	3.70	0.999	-0.545	-2.120	-3.178	-3.300	-2.407	-0.818	0.867	2.025	2.271
381	3.80	1.613	0.420	-0.770	-1.497	-1.574	-1.128	-0.489	0.011	0.206	0.159
391	3.90	0.083	0.188	0.536	0.995	1.305	1.233	0.715	-0.098	-0.898	-1.372
401	4.00	-1.356	-0.908	-0.269	0.258	0.455	0.279	-0.150	-0.638	-1.031	-1.291
411	4.10	-1.491	-1.737	-2.077	-2.450	-2.704	-2.675	-2.284	-1.594	-0.795	-0.124
421	4.20	0.232	0.207	-0.136	-0.650	-1.174	-1.585	-1.811	-1.804	-1.514	-0.887
431	4.30	0.097	1.370	2.733	3.882	4.687	4.317	3.345	1.792	0.068	-1.358
441	4.40	-2.115	-2.051	-1.271	-0.075	1.156	2.102	2.599	2.619	2.328	1.908
451	4.50	1.515	1.223	0.996	0.722	0.267	-0.458	-1.437	-2.522	-3.448	-3.898
461	4.60	-3.603	-2.450	-0.557	1.724	3.884	5.405	5.922	5.343	3.885	1.948
471	4.70	0.170	-1.158	-1.808	-1.842	-1.529	-1.154	-0.538	-0.923	-0.978	-0.884
481	4.80	-0.444	0.413	1.583	2.816	3.797	4.256	4.063	3.270	2.093	0.844
491	4.90	-0.181	-0.786	-0.938	-0.764	-0.478	-0.293	-0.320	-0.518	-0.720	-0.706

Table 7—34—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.330	0.400	1.290	2.024	2.287	1.905	0.913	-0.430	-1.760	-2.739
511	5.10	-3.184	-3.109	-2.685	-2.134	-1.619	-1.188	-0.795	-0.382	0.037	0.361
521	5.20	-0.345	-0.103	-1.020	-2.237	-3.442	-4.295	-4.561	-4.198	-3.353	-2.277
531	5.30	-1.199	-0.244	0.587	1.346	2.038	2.558	2.701	2.268	1.201	-0.326
541	5.40	-1.910	-3.048	-3.324	-2.590	-1.063	0.847	2.513	3.510	3.682	3.189
551	5.50	2.409	1.758	1.506	1.879	2.081	2.405	2.392	1.941	1.149	0.256
561	5.60	-0.463	-0.807	-0.710	-0.243	0.435	1.144	1.733	2.105	2.212	2.045
571	5.70	1.619	0.991	0.257	-0.440	-0.944	-1.134	-0.979	-0.577	-0.139	0.074
581	5.80	-0.157	-0.907	-2.059	-3.318	-4.303	-4.675	-4.269	-3.162	-1.659	-0.196
591	5.90	0.818	1.115	0.676	-0.292	-1.439	-2.400	-2.909	-2.874	-2.366	-1.575
601	6.00	-0.727	-0.029	0.374	0.404	0.054	-0.803	-1.399	-2.082	-2.346	-1.929
611	6.10	-0.721	1.143	3.262	5.062	5.981	5.879	4.198	1.975	-0.301	-1.943
621	6.20	-2.536	-2.095	-1.049	-0.043	0.342	-0.144	-1.328	-2.668	-3.519	-3.390
631	6.30	-2.160	-0.113	2.173	4.064	5.083	5.053	4.091	2.531	0.759	-0.878
641	6.40	-2.133	-2.853	-2.955	-2.433	-1.376	-0.004	1.361	2.267	2.460	1.811
651	6.50	0.483	-1.124	-2.525	-3.337	-3.433	-2.988	-2.381	-2.007	-2.083	-2.542
661	6.60	-3.067	-3.242	-2.765	-1.594	0.013	1.806	2.728	3.095	2.707	1.808
671	6.70	0.765	-0.101	-0.632	-0.863	-0.964	-1.112	-1.390	-1.732	-1.954	-1.833
681	6.80	-1.209	-0.053	1.512	3.245	4.855	6.064	6.670	6.582	5.826	4.539
691	6.90	2.938	1.272	-0.230	-1.414	-2.226	-2.705	-2.931	-2.969	-2.816	-2.393
701	7.00	-1.592	-0.355	1.252	3.001	4.548	5.531	5.695	4.994	3.610	1.893
711	7.10	0.237	-1.068	-1.810	-2.079	-1.988	-1.683	-1.273	-0.790	-0.241	0.337
721	7.20	0.838	1.100	0.975	0.409	-0.489	-1.465	-2.196	-2.612	-2.022	-1.145
731	7.30	-0.073	0.845	1.363	1.339	0.948	0.417	-0.028	-0.231	-0.218	-0.141
741	7.40	-0.194	-0.508	-1.087	-1.812	-2.501	-2.992	-3.202	-3.139	-2.853	-2.380
751	7.50	-1.706	-0.789	0.379	1.690	2.898	3.663	3.878	3.823	3.264	2.551
761	7.60	-2.033	-2.670	-2.234	-0.897	0.825	2.274	2.905	2.510	1.283	0.282
771	7.70	-1.613	-2.308	-2.269	-1.752	-1.079	-0.652	-0.583	-0.762	-0.934	-0.869
781	7.80	-0.506	0.010	0.424	0.536	0.344	0.077	0.081	0.621	1.489	2.945
791	7.90	3.821	3.776	2.562	0.394	-2.089	-4.045	-4.769	-3.971	-1.897	0.776
801	8.00	3.211	4.736	5.069	4.369	3.108	1.839	0.969	0.646	0.770	1.113
811	8.10	1.460	1.692	1.803	1.859	1.836	1.773	1.617	1.356	1.040	0.796
821	8.20	0.765	0.929	1.261	1.533	1.509	1.040	0.156	-0.923	-1.869	-2.392
831	8.30	-2.372	-1.919	-1.327	-0.942	-1.000	-1.525	-2.317	-3.052	-3.436	-3.337
841	8.40	-2.864	-2.221	-1.778	-1.725	-2.079	-2.656	-3.161	-3.318	-2.989	-2.269
851	8.50	-1.332	-0.565	-0.137	-0.207	-0.572	-1.216	-1.855	-2.098	-1.959	-1.503
861	8.60	-0.901	-0.355	-0.023	0.036	-0.135	-0.402	-0.613	-0.844	-0.445	-0.051
871	8.70	0.436	0.895	1.233	1.428	1.537	1.879	1.979	2.513	3.262	4.108
881	8.80	4.868	5.367	5.509	5.320	4.939	4.556	4.319	4.269	4.310	4.261
891	8.90	3.943	3.274	2.313	1.229	0.208	-0.647	-1.380	-2.139	-3.067	-4.154
901	9.00	-5.150	-5.809	-5.056	-3.241	-0.342	2.969	5.685	6.788	5.638	2.281
911	9.10	-2.507	-7.423	-11.055	-12.358	-11.005	-7.484	-2.918	1.328	4.685	4.748
921	9.20	3.400	0.731	-2.237	-4.499	-5.375	-4.695	-2.812	-0.461	1.497	2.366
931	9.30	1.843	0.124	-2.163	-4.187	-5.231	-4.977	-3.848	-1.935	-0.711	-0.658
941	9.40	-1.943	-4.110	-6.266	-7.367	-8.855	-9.764	-10.027	-9.830	-9.170	-8.692
951	9.50	-0.347	-3.062	-5.238	-6.025	-5.120	-2.955	-0.459	1.573	1.906	1.089
961	9.60	-0.562	-2.275	-3.388	-3.553	-2.988	-2.120	-1.436	-1.188	-1.301	-1.456
971	9.70	-1.296	-0.644	0.390	1.468	2.215	2.452	2.331	2.323	3.033	3.817
981	9.80	8.038	11.952	15.793	18.536	19.340	17.847	14.328	9.609	4.812	1.004
991	9.90	-1.135	-1.484	-0.458	1.200	2.722	3.593	3.690	3.261	2.742	2.541

Table 7—34—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1127 501-GR-1-126 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.450	3.590	4.481	5.189	5.471	5.260	4.610	3.766	2.770	1.711
1011	10.10	0.589	-0.599	-1.810	-2.949	-3.910	-4.613	-5.188	-5.652	-6.146	-6.706
1021	10.20	-7.267	-7.711	-7.972	-8.121	-8.379	-9.020	-10.192	-11.757	-13.267	-13.987
1031	10.30	-13.362	-11.419	-7.539	-3.409	0.249	2.565	3.171	2.353	0.932	-0.072
1041	10.40	0.148	1.376	4.777	8.057	10.785	12.239	12.145	10.740	8.646	6.637
1051	10.50	5.382	5.238	6.163	7.636	8.978	9.364	8.175	5.207	0.786	-4.275
1061	10.60	-8.995	-12.134	-13.415	-12.817	-10.957	-8.688	-6.676	-5.060	-3.369	-0.752
1071	10.70	3.550	9.730	17.148	26.425	29.888	32.161	30.671	25.838	18.889	11.393
1081	10.80	4.725	-0.321	-3.640	-5.683	-7.178	-8.855	-11.275	-14.732	-19.206	-24.301
1091	10.90	-29.197	-32.709	-35.523	-30.640	-23.878	-14.208	-3.707	4.982	9.561	8.880
1101	11.00	3.662	-3.852	-10.610	-15.950	-12.628	-7.275	-0.066	6.353	9.822	9.670
1111	11.10	6.735	2.786	-0.440	-2.073	-2.605	-2.527	-3.529	-5.729	-8.344	-9.808
1121	11.20	-8.580	-4.617	3.135	10.923	16.973	19.511	18.142	14.037	9.370	6.401
1131	11.30	6.512	9.681	14.591	19.262	21.899	21.506	18.205	12.919	6.921	1.336
1141	11.40	-3.128	-6.137	-7.548	-7.210	-6.927	-0.623	5.418	12.388	19.013	23.862
1151	11.50	25.791	24.339	19.906	13.610	6.903	1.062	-3.226	-6.040	-8.111	-10.666
1161	11.60	-13.967	-18.925	-24.914	-30.860	-35.387	-37.285	-35.962	-31.691	-25.555	-19.097
1171	11.70	-13.784	-10.490	-9.208	-9.121	-9.003	-7.796	-5.099	-1.355	2.356	4.817
1181	11.80	5.240	3.596	0.576	-2.850	-5.881	-8.489	-11.251	-14.934	-20.031	-26.016
1191	11.90	-31.321	-33.751	-31.333	-23.226	-10.283	5.019	19.312	29.441	33.519	31.509
1201	12.00	25.119	17.092	10.188	6.279	5.881	8.242	11.884	15.321	17.665	18.794
1211	12.10	19.392	20.348	22.340	25.414	28.039	31.327	31.342	27.733	20.156	9.351
1221	12.20	-2.931	-14.320	-22.470	-25.746	-23.723	-17.317	-8.680	0.429	7.385	11.244
1231	12.30	11.922	10.149	6.969	3.217	-0.741	-4.931	-9.405	-13.840	-17.356	-18.709
1241	12.40	-16.816	-11.383	-3.304	5.417	12.244	15.019	12.811	6.357	-2.132	-9.744
1251	12.50	-13.926	-13.419	-8.693	-1.734	4.740	8.294	7.646	3.064	-3.830	-10.729
1261	12.60	-15.517	-16.987	-15.172	-11.188	-6.697	-3.242	-1.699	-2.056	-3.567	+5.161
1271	12.70	-5.925	-5.447	-3.897	-1.851	0.030	1.288	1.804	1.727	1.274	0.540
1281	12.80	-0.566	-2.201	-4.355	-6.646	-8.291	-8.323	-5.987	-1.161	5.413	12.224
1291	12.90	17.424	19.444	17.583	12.305	5.153	-1.726	-6.264	-7.136	-4.178	1.560
1301	13.00	8.141	13.335	15.295	13.137	7.240	-0.818	-8.692	-13.967	-14.920	-11.105
1311	13.10	-3.566	5.569	13.612	18.426	19.071	16.115	11.336	6.940	4.633	4.937
1321	13.20	7.041	9.263	9.885	7.982	3.866	-1.061	-4.943	-6.293	-4.617	-0.566
1331	13.30	4.403	8.656	10.993	10.955	8.767	5.036	0.413	-4.574	-9.486	-13.838
1341	13.40	-17.060	-18.625	-18.362	-16.606	-14.376	-12.841	-12.613	-14.217	-15.938	-16.240
1351	13.50	-13.595	-7.569	0.704	8.768	13.796	13.836	8.796	0.671	-7.160	-11.271
1361	13.60	-9.602	-2.291	8.428	19.199	26.936	29.995	28.616	24.499	19.789	15.993
1371	13.70	13.367	11.007	7.556	2.099	-5.195	-13.059	-19.669	-23.493	-24.011	-21.947
1381	13.80	-18.931	-16.760	-16.609	-18.554	-21.581	-24.056	-24.409	-21.739	-16.099	-8.407
1391	13.90	-0.060	7.550	13.420	17.120	18.758	18.803	17.874	16.568	15.361	14.559
1401	14.00	14.286	14.458	14.779	14.774	13.884	11.634	7.841	2.772	-2.799	-7.718
1411	14.10	-10.747	-10.957	-8.092	-2.766	3.626	9.261	12.430	12.073	8.112	1.467
1421	14.20	-6.272	-13.328	-18.468	-20.939	-20.906	-19.027	-16.142	-12.968	-9.959	-7.356
1431	14.30	-5.308	-3.962	-3.422	-3.600	-4.075	-4.087	-2.764	0.492	5.621	11.738
1441	14.40	17.327	20.759	20.950	17.868	12.623	7.086	3.157	1.998	3.553	6.579
1451	14.50	9.157	9.482	6.577	0.664	-6.954	-14.402	-19.914	-22.396	-21.695	-18.511
1461	14.60	-14.063	-9.652	-6.301	-4.541	-4.364	-5.305	-6.599	-7.386	-6.935	-4.863
1471	14.70	-1.282	3.170	7.474	10.528	11.512	10.191	7.027	3.044	-0.502	+2.532
1481	14.80	-2.464	-0.335	3.287	7.538	11.520	14.478	15.872	15.372	12.849	8.414
1491	14.90	2.488	-4.150	-10.437	-15.242	-17.680	-17.412	-14.786	-10.737	-6.469	-3.043

Table 7—34—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1127 501-GR-1-126 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.039	-0.438	-0.745	-1.292	-1.548	-1.307	-0.880	0.067	0.717	1.215
1511	15.10	1.644	2.103	2.575	2.899	2.880	2.476	1.931	1.745	2.450	4.270
1521	15.20	6.862	9.287	10.312	8.929	4.897	-0.969	-6.935	-10.912	-11.227	-7.306
1531	15.30	0.045	8.882	16.814	21.847	23.050	20.783	16.409	11.679	8.048	6.227
1541	15.40	6.116	7.072	8.350	9.423	10.083	10.296	9.951	8.705	6.060	1.647
1551	15.50	-4.414	-11.308	-17.663	-21.879	-22.939	-20.703	-16.170	-11.163	-7.670	-7.098
1561	15.60	-9.725	-14.589	-19.869	-23.472	-23.963	-20.865	-14.852	-7.458	-0.468	4.810
1571	15.70	6.980	6.687	4.468	1.619	-1.361	-3.186	-3.743	-3.278	-2.333	-1.514
1581	15.80	-1.231	-1.536	-2.113	-2.633	-2.033	-0.787	0.960	2.488	3.005	2.043
1591	15.90	-0.238	-3.032	-5.171	-5.643	-4.073	-0.952	2.566	5.208	6.241	5.903
1601	16.00	5.361	6.156	9.383	11.977	21.508	26.630	28.056	24.624	16.976	7.693
1611	16.10	-0.551	-4.266	-2.335	4.416	13.326	20.948	24.413	22.523	16.129	7.670
1621	16.20	0.096	-4.360	-4.999	-2.835	-0.024	1.114	-0.926	-6.250	-13.594	-20.889
1631	16.30	-26.102	-27.996	-26.526	-22.731	-18.230	-14.525	-12.432	-11.824	-11.808	-11.203
1641	16.40	-9.168	-5.537	-1.120	2.799	4.949	4.718	2.528	-0.211	-1.605	-0.052
1651	16.50	5.019	12.766	21.091	27.322	29.162	25.552	17.101	5.918	-5.096	-13.220
1661	16.60	-16.785	-15.643	-11.070	-5.208	-0.260	2.267	1.897	-0.609	-3.809	-6.066
1671	16.70	-6.139	-3.626	0.936	6.260	10.631	12.642	11.476	7.264	1.057	+5.535
1681	16.80	-10.863	-13.727	-13.971	-11.993	-8.939	-5.957	-3.793	-2.580	-1.945	-1.359
1691	16.90	-0.521	0.454	1.148	1.206	0.726	0.426	1.413	4.623	10.179	17.010
1701	17.00	23.020	25.794	23.615	16.327	5.617	-5.468	-13.625	-16.591	-14.042	-7.720
1711	17.10	-0.691	3.943	4.329	0.583	-5.368	-10.618	-12.772	-10.827	-5.687	0.273
1721	17.20	4.241	4.156	-0.663	-8.250	-16.726	-23.072	-25.229	-22.519	-15.728	-6.677
1731	17.30	2.485	9.970	14.779	16.777	16.471	14.654	12.070	9.211	6.291	3.324
1741	17.40	0.271	-2.838	-5.833	-8.391	-10.099	-10.550	-9.473	-6.852	-2.995	1.484
1751	17.50	5.790	9.169	11.029	11.296	10.235	8.448	6.611	5.252	4.589	4.522
1761	17.60	4.736	4.870	4.664	3.998	2.853	1.210	-0.997	-3.852	-7.331	-11.170
1771	17.70	-14.813	-17.501	-18.518	-17.480	-14.566	-10.436	-6.213	-2.904	-1.129	-0.878
1781	17.80	-1.550	-2.226	-2.053	-0.556	2.216	5.819	9.666	13.286	16.481	19.257
1791	17.90	21.668	23.515	24.672	23.996	21.680	17.513	12.028	6.224	1.277	-1.855
1801	18.00	-2.772	-1.778	0.224	2.037	2.558	1.107	-2.402	-7.464	-13.161	-18.307
1811	18.10	-21.896	-23.330	-21.689	-17.796	-12.201	-6.062	-0.591	3.072	4.345	3.268
1821	18.20	0.480	-3.025	-6.243	-8.474	-9.680	-9.415	-8.604	-7.274	-5.413	-2.820
1831	18.30	0.673	4.929	9.367	13.069	14.993	14.584	11.878	7.648	3.116	+0.516
1841	18.40	-2.521	-2.889	-2.240	-1.452	-1.203	-1.666	-2.370	-2.668	-1.966	-0.166
1851	18.50	2.218	4.290	5.176	4.469	2.345	-0.324	-2.526	-3.450	-2.826	+0.977
1861	18.60	1.389	3.567	5.072	5.970	6.569	7.256	8.211	9.284	10.068	10.113
1871	18.70	9.166	7.297	4.859	2.315	0.030	-1.848	-3.382	-4.723	-5.971	-7.311
1881	18.80	-8.055	-8.760	-9.331	-10.015	-11.067	-12.550	-14.180	-15.326	-15.216	-13.261
1891	18.90	-9.386	-6.160	1.317	5.764	8.163	8.109	5.926	2.501	-1.082	+3.927
1901	19.00	-5.597	-6.169	-5.966	-5.489	-4.978	-4.423	-3.606	-2.283	-0.366	1.984
1911	19.10	4.375	6.337	7.495	7.710	7.129	6.114	5.100	4.431	4.255	4.393
1921	19.20	4.594	4.497	3.876	2.748	1.380	0.182	-0.487	-0.514	-0.126	0.183
1931	19.30	-0.117	-1.286	-3.078	-4.748	-5.280	-5.844	-0.235	4.886	10.115	13.778
1941	19.40	14.584	12.169	7.287	1.533	-3.299	-5.962	-6.158	-4.765	-3.210	-2.856
1951	19.50	-4.344	-7.301	-10.533	-12.595	-12.459	-9.978	-5.932	-1.664	1.499	2.779
1961	19.60	2.191	0.430	-1.506	-2.745	-2.842	-1.829	-0.059	2.029	4.094	5.943
1971	19.70	7.472	8.580	9.162	9.070	8.438	7.444	6.554	6.135	6.369	7.000
1981	19.80	7.570	7.428	6.116	3.581	0.252	-3.128	-5.800	-7.289	-7.585	-7.102
1991	19.90	-6.660	-6.195	-6.537	-7.364	-8.323	-9.070	-9.467	-9.669	-10.029	-10.886

Table 7--34--5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-12.342	-14.127	-15.635	-16.121	-16.976	-11.962	-7.350	-1.842	3.638	8.230
2011	20.10	11.399	13.069	13.604	13.627	13.777	14.473	15.771	17.369	18.732	19.294
2021	20.20	18.662	16.744	13.776	10.246	6.748	3.833	1.880	1.026	1.162	1.971
2031	20.30	3.016	3.851	4.136	3.731	2.735	1.442	0.221	-0.662	-1.181	-1.612
2041	20.40	-2.435	-4.122	-6.880	-10.458	-14.138	-16.924	-17.886	-16.511	-12.923	-7.845
2051	20.50	-2.369	2.454	5.950	7.991	8.926	9.325	9.672	10.148	10.599	10.666
2061	20.60	10.005	8.458	6.107	3.193	-0.026	-3.373	-6.778	-10.166	-13.362	-15.927
2071	20.70	-17.417	-17.364	-15.593	-12.357	-8.326	-4.413	-1.483	-0.077	-0.241	-1.548
2081	20.80	-3.282	-4.708	-5.328	-5.027	-4.070	-2.964	-2.243	-2.249	-2.986	-4.088
2091	20.90	-4.926	-4.811	-3.249	-0.160	4.025	8.438	12.019	13.853	13.691	11.109
2101	21.00	7.459	3.586	0.452	-1.413	-2.055	-2.012	-2.019	-2.651	-4.063	-5.935
2111	21.10	-7.641	-8.538	-8.251	-6.810	-4.603	-2.182	-0.034	1.584	2.665	3.367
2121	21.20	3.875	4.303	4.675	4.976	5.223	5.489	5.860	6.357	6.872	7.166
2131	21.30	6.958	6.056	4.466	2.421	0.305	-1.487	-2.700	-3.305	-3.488	-3.565
2141	21.40	-3.860	-4.600	-5.873	-7.608	-9.600	-11.528	-12.972	-13.467	-12.587	-10.075
2151	21.50	-5.971	-0.683	5.051	10.326	14.293	16.395	16.486	14.830	11.966	8.526
2161	21.60	5.066	2.011	-0.356	-1.847	-2.350	-1.861	-0.558	1.165	2.740	3.579
2171	21.70	3.279	1.804	-0.478	-2.911	-4.805	-5.711	-5.581	-4.760	-3.783	-3.111
2181	21.80	-2.902	-2.953	-2.812	-2.014	-0.317	2.179	5.070	7.823	9.982	11.315
2191	21.90	11.845	11.771	11.336	10.726	10.032	9.273	8.451	7.566	6.599	5.472
2201	22.00	4.021	2.041	-0.620	-3.969	-7.698	-11.410	-14.536	-16.604	-17.362	-16.835
2211	22.10	-15.282	-13.092	-10.666	-8.352	-6.427	-5.116	-4.576	-4.840	-5.725	-6.776
2221	22.20	-7.309	-6.591	-4.118	0.126	5.544	11.030	15.296	17.301	16.623	13.607
2231	22.30	9.230	6.731	1.167	-0.932	-1.664	-1.590	-1.407	-1.611	-2.293	-3.158
2241	22.40	-3.720	-3.573	-2.604	-1.045	0.624	1.879	2.362	1.990	0.957	-0.371
2251	22.50	-1.592	-2.390	-2.589	-2.162	-1.206	0.084	1.438	2.536	3.047	2.727
2261	22.60	1.488	-0.532	-2.963	-5.287	-6.974	-7.661	-7.161	-5.685	-3.573	-1.261
2271	22.70	0.886	2.657	4.012	5.019	5.755	6.229	6.353	5.986	5.009	3.420
2281	22.80	1.371	-0.842	-2.858	-4.356	-5.145	-5.222	-4.744	-3.956	-3.095	-2.311
2291	22.90	-1.630	-0.981	-0.266	0.560	1.440	2.217	2.703	2.771	2.431	1.857
2301	23.00	1.333	1.144	1.449	2.199	3.138	3.893	4.118	3.634	2.502	1.001
2311	23.10	-0.481	-1.588	-2.113	-2.037	-1.494	-0.674	0.255	1.189	2.066	2.797
2321	23.20	3.243	3.207	2.519	1.149	-0.721	-2.692	-4.253	-4.956	-4.581	-3.221
2331	23.30	-1.244	0.859	3.165	5.968	6.814	5.414	3.982	2.589	1.104	0.255
2341	23.40	6.777	5.572	3.793	1.810	0.069	-1.085	-1.548	-1.483	-1.242	-1.215
2351	23.50	-1.679	-2.719	-3.232	-6.001	-7.778	-9.349	-10.548	-11.233	-11.282	-10.408
2361	23.60	-9.216	-7.259	-5.049	-3.005	-1.533	-0.884	-1.054	-1.823	-2.756	-3.445
2371	23.70	-3.615	-3.199	-2.317	-1.576	0.054	1.321	2.684	4.241	6.019	7.892
2381	23.80	9.574	10.688	10.893	10.020	8.151	5.640	3.037	0.962	-0.051	0.295
2391	23.90	1.958	4.524	7.281	9.372	10.032	8.813	5.756	1.410	-3.304	-7.373
2401	24.00	-10.000	-10.842	-10.081	-8.291	-6.177	-4.287	-2.838	-1.715	-0.639	0.595
2411	24.10	1.939	3.069	3.536	3.010	1.497	-0.598	-2.600	-3.829	-3.891	-2.836
2421	24.20	-1.127	0.548	1.577	1.638	0.769	-0.717	-2.424	-4.042	-5.412	-6.477
2431	24.30	-7.157	-7.266	-6.531	-4.727	-1.868	1.669	5.170	7.782	8.620	8.036
2441	24.40	5.745	2.728	-0.048	-1.768	-2.026	-0.915	1.096	3.386	5.425	6.909
2451	24.50	7.753	7.990	7.644	6.671	4.993	2.606	-0.323	-3.427	-6.218	-8.238
2461	24.60	-9.219	-9.164	-8.523	-7.078	-5.790	-4.689	-3.653	-3.263	-2.882	-2.722
2471	24.70	-2.832	-3.231	-3.831	-4.407	-4.842	-4.251	-3.116	-1.373	0.609	2.350
2481	24.80	3.440	3.691	3.203	2.304	1.412	0.859	0.783	1.111	1.642	2.175
2491	24.90	2.616	3.010	3.492	4.173	5.045	5.962	6.584	6.694	6.127	4.955

Table 7—34—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.460	2.042	1.074	0.761	1.068	1.739	2.400	2.701	2.442	1.660
2511	25.10	0.499	-0.671	-1.581	-2.057	-2.090	-1.808	-1.413	-1.088	-0.939	-0.967
2521	25.20	-1.102	-1.269	-1.342	-1.367	-1.360	-1.372	-1.433	-1.544	-1.680	-1.830
2531	25.30	-2.021	-2.329	-2.851	-3.640	-4.653	-5.712	-6.528	-6.782	-6.231	-4.818
2541	25.40	-2.716	-0.293	1.974	3.657	4.501	4.496	3.857	2.933	2.076	1.523
2551	25.50	1.334	1.410	1.568	1.640	1.552	1.334	1.086	0.898	0.774	0.615
2561	25.60	0.248	-0.478	-1.599	-2.965	-4.254	-5.054	-5.006	-3.933	-1.931	0.637
2571	25.70	3.233	5.297	6.395	6.338	5.211	3.332	1.154	-0.856	-2.316	-2.993
2581	25.80	-2.831	-1.933	-0.523	1.106	2.665	3.916	4.748	5.176	5.337	5.434
2591	25.90	5.656	6.102	6.739	7.406	7.866	7.882	7.292	6.046	4.215	1.964
2601	26.00	-0.481	-2.855	-4.873	-6.246	-6.728	-6.184	-4.668	-2.470	-0.094	1.853
2611	26.10	2.839	2.587	1.187	-0.913	-3.060	-4.617	-5.192	-4.756	-3.618	-2.273
2621	26.20	-1.130	-0.591	-0.486	-0.632	-0.743	40.636	-0.313	0.056	0.251	0.128
2631	26.30	-0.288	-0.816	-1.207	-1.276	-0.998	-0.520	-0.104	-0.002	-0.354	-1.134
2641	26.40	-2.172	-3.235	-4.122	-4.725	-5.051	-5.183	-5.229	-5.270	-5.329	-5.382
2651	26.50	-5.373	-5.253	-5.001	-4.644	-4.254	-3.939	-3.807	-3.922	-4.264	-4.713
2661	26.60	-5.062	-5.085	-4.624	-3.666	-2.371	-1.030	0.037	0.604	0.628	0.258
2671	26.70	-0.239	-0.601	-0.670	-0.435	0.023	0.637	1.450	2.630	4.389	6.823
2681	26.80	9.772	12.759	15.091	16.079	15.305	12.810	9.133	5.152	1.804	-0.218
2691	26.90	-0.466	0.243	1.944	3.777	5.201	5.939	5.986	5.526	4.807	4.037
2701	27.00	3.342	2.781	2.375	2.142	2.091	2.202	2.396	2.537	2.459	2.011
2711	27.10	1.112	-0.223	-1.877	-3.661	-5.355	-6.758	-7.233	-8.264	-8.368	-8.274
2721	27.20	-8.173	-8.232	-8.489	-8.801	-8.870	-8.338	-6.950	-4.705	-1.926	0.291
2731	27.30	2.760	3.446	2.672	0.701	-1.853	-4.252	-5.894	-6.522	-6.265	-5.526
2741	27.40	-4.772	-4.313	-4.198	-4.230	-4.105	-3.581	-2.592	-1.258	0.192	1.548
2751	27.50	2.702	3.667	4.523	5.326	6.056	6.622	6.926	6.941	6.747	6.506
2761	27.60	6.378	6.427	6.581	6.663	6.482	5.945	5.108	4.174	3.372	2.861
2771	27.70	2.647	2.597	2.529	2.332	2.043	1.835	1.916	2.386	3.131	3.820
2781	27.80	4.016	3.348	1.710	-0.686	-3.353	-5.706	-7.278	-7.892	-7.704	-7.123
2791	27.90	-6.627	-6.570	-7.052	-7.899	-8.756	-9.236	-9.062	-8.148	-6.600	-4.669
2801	28.00	-2.556	-0.538	1.266	2.783	3.987	4.855	5.371	5.543	5.431	5.157
2811	28.10	4.890	4.603	5.009	5.510	6.190	6.835	7.209	7.124	6.506	5.420
2821	28.20	4.042	2.606	1.329	0.360	-0.253	-0.554	-0.645	-0.656	-0.704	-0.879
2831	28.30	-1.229	-1.762	-2.444	-3.205	-3.954	-4.599	-5.073	-5.356	-5.476	-5.427
2841	28.40	-5.406	-5.248	-4.943	-4.390	-3.506	-2.295	-0.877	0.513	1.587	2.095
2851	28.50	1.906	1.052	-0.280	-1.815	-3.264	-4.388	-5.034	-5.125	-4.667	-3.633
2861	28.60	-2.179	-0.457	1.278	2.722	3.606	3.782	3.302	2.418	1.517	0.982
2871	28.70	1.055	1.747	2.838	3.967	4.766	4.990	4.584	3.671	2.686	1.281
2881	28.80	0.259	-0.453	-0.801	-0.779	-0.422	0.187	0.920	1.608	2.093	2.275
2891	28.90	2.164	1.871	1.550	1.314	1.160	0.961	0.537	-0.217	-1.214	-2.142
2901	29.00	-2.562	-1.992	-0.314	2.295	5.268	7.842	9.322	9.360	7.993	5.797
2911	29.10	3.483	1.721	0.878	0.914	1.440	1.909	1.837	0.978	-0.621	-2.680
2921	29.20	-4.821	-6.711	-8.152	-9.100	-9.620	-9.815	-9.775	-9.568	-9.154	-8.608
2931	29.30	-7.937	-7.181	-6.376	-5.535	-4.639	-3.656	-2.565	-1.402	-0.270	0.658
2941	29.40	1.182	1.139	0.477	-0.705	-2.141	-3.652	-4.936	-6.187	-7.197	-1.395
2951	29.50	0.870	3.136	4.956	6.031	6.287	5.869	5.066	4.191	3.473	2.993
2961	29.60	2.686	2.611	2.028	1.478	0.808	0.147	-0.344	-0.539	-0.386	0.078
2971	29.70	0.751	1.501	2.206	2.783	3.198	3.459	3.651	3.821	4.051	4.385
2981	29.80	4.822	5.303	5.721	5.945	5.856	5.384	4.531	3.369	2.027	0.657
2991	29.90	-0.596	-1.624	-2.361	-2.794	-2.956	-2.916	-2.772	-2.635	-2.608	-2.764

Table 7—34—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.131	-3.684	-4.359	-5.066	-5.714	-6.231	-6.560	-6.663	-6.506	-6.065
3011	30.10	-5.325	-4.306	-3.069	-1.723	-0.411	0.717	1.534	1.963	1.989	1.658
3021	30.20	1.072	0.379	-0.244	-0.606	-0.539	0.062	1.197	2.735	4.422	5.925
3031	30.30	6.917	7.160	6.569	5.230	3.369	1.284	-0.738	-2.476	-3.807	-4.695
3041	30.40	-5.168	-5.292	-5.149	-4.834	-4.445	-4.066	-3.751	-3.499	-3.255	-2.929
3051	30.50	-2.440	-1.757	-0.925	-0.052	0.737	1.352	1.786	2.109	2.437	2.841
3061	30.60	3.398	3.973	4.450	4.699	4.659	4.375	3.978	3.623	3.435	3.399
3071	30.70	3.467	3.495	3.366	3.034	2.566	2.009	1.534	1.176	0.905	0.624
3081	30.80	0.217	-0.390	-1.189	-2.086	-2.939	-3.606	-4.000	-4.106	-3.969	-3.653
3091	30.90	-3.202	-2.611	-1.833	-0.811	0.476	1.977	3.555	5.012	6.144	6.808
3101	31.00	6.966	6.708	6.212	5.680	5.253	4.941	4.615	4.053	3.035	1.451
3111	31.10	-0.617	-2.896	-4.989	-6.509	-7.216	-7.106	-6.611	-5.512	-4.793	-4.504
3121	31.20	-4.682	-5.165	-5.678	-5.970	-5.914	-5.568	-5.040	-4.598	-4.375	-4.408
3131	31.30	-4.618	-4.859	-4.987	-4.907	-4.593	-4.067	-3.372	-2.546	-1.624	-0.656
3141	31.40	0.283	1.106	1.747	2.210	2.587	3.043	3.747	4.785	6.095	7.458
3151	31.50	8.563	9.119	8.975	8.180	6.979	5.711	4.694	4.112	3.976	4.144
3161	31.60	4.421	4.633	4.684	4.556	4.272	3.846	3.265	2.505	1.572	0.532
3171	31.70	-0.489	-1.356	-1.985	-2.412	-2.770	-3.237	-3.931	-4.825	-5.734	-6.323
3181	31.80	-6.328	-5.600	-4.225	-2.512	-0.884	0.278	0.769	0.622	0.071	-0.562
3191	31.90	-1.005	-1.131	-0.984	-0.723	-0.524	-0.498	-0.668	-0.882	-1.076	-1.130
3201	32.00	-1.014	-0.756	-0.419	-0.056	0.316	0.713	1.164	1.684	2.260	2.852
3211	32.10	3.410	3.887	4.249	4.469	4.519	4.371	4.007	3.427	2.667	1.795
3221	32.20	0.883	-0.017	-0.899	-1.800	-2.774	-3.847	-4.979	-6.064	-6.958	-7.544
3231	32.30	-7.792	-7.788	-7.715	-7.774	-8.107	-8.717	-9.454	-10.058	-10.269	-9.819
3241	32.40	-8.701	-6.981	-4.855	-2.565	-0.327	1.703	3.431	4.806	5.795	6.378
3251	32.50	6.558	6.387	5.975	5.472	5.035	4.769	4.702	4.772	4.867	4.875
3261	32.60	4.736	4.460	4.114	3.777	3.509	3.275	3.050	2.761	2.372	1.902
3271	32.70	1.418	0.999	0.696	0.506	0.375	0.226	-0.004	-0.332	-0.734	-1.163
3281	32.80	-1.581	-1.979	-2.370	-2.762	-3.129	-3.406	-3.504	-3.366	-3.005	-2.524
3291	32.90	-2.087	-1.853	-1.906	-2.206	-2.606	-2.916	-2.997	-2.830	-2.531	-2.293
3301	33.00	-2.283	-2.550	-2.977	-3.314	-3.282	-2.688	-1.516	0.066	1.769	3.294
3311	33.10	4.446	5.186	5.619	5.921	6.253	6.694	7.229	7.780	8.255	8.599
3321	33.20	8.794	8.848	8.760	8.503	8.035	7.330	6.411	5.361	4.308	3.370
3331	33.30	2.609	2.003	1.461	0.866	0.140	-0.722	-1.638	-2.434	-3.142	-3.558
3341	33.40	-3.758	-3.835	-3.902	-4.041	-4.274	-4.553	-4.789	-4.888	-4.785	-4.468
3351	33.50	-3.978	-3.391	-2.798	-2.279	-1.886	-1.632	-1.494	-1.419	-1.351	-1.250
3361	33.60	-1.118	-0.999	-0.969	-1.102	-1.434	-1.937	-2.519	-3.056	-3.428	-3.586
3371	33.70	-3.547	-3.395	-3.230	-3.124	-3.082	-3.049	-2.938	-2.680	-2.263	-1.742
3381	33.80	-1.211	-0.767	-0.464	-0.300	-0.228	-0.190	-0.145	-0.080	-0.003	0.084
3391	33.90	0.199	0.384	0.674	1.073	1.527	1.940	2.209	2.273	2.148	1.925
3401	34.00	1.730	1.666	1.761	1.958	2.145	2.223	2.157	2.006	1.893	1.946
3411	34.10	2.224	2.681	3.174	3.521	3.572	3.269	2.653	1.833	0.929	0.019
3421	34.20	-0.858	-1.730	-2.544	-3.222	-3.618	-3.573	-2.986	-1.887	-0.455	1.007
3431	34.30	2.160	2.731	2.592	1.795	0.552	-0.835	-2.055	-2.865	-3.137	-2.864
3441	34.40	-2.148	-1.164	-0.110	0.844	1.594	2.133	2.548	2.986	3.584	4.406
3451	34.50	5.385	6.316	6.922	6.932	6.197	4.754	2.832	0.783	-1.034	-2.368
3461	34.60	-3.147	-3.475	-3.567	-3.642	-3.840	-4.174	-4.559	-4.871	-5.023	-5.008
3471	34.70	-4.893	-4.783	-4.757	-4.833	-4.959	-5.046	-5.014	-4.830	-4.517	-4.133
3481	34.80	-3.737	-3.353	-2.967	-2.535	-2.018	-1.402	-0.704	0.042	0.808	1.589
3491	34.90	2.404	3.266	4.159	5.018	5.735	6.200	6.336	6.142	5.695	5.121

Table 7—34—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	4.548	6.061	3.674	3.345	3.009	2.624	2.197	1.780	1.462	1.231
3511	35.10	1.146	1.136	1.127	1.051	0.882	0.641	0.376	0.142	-0.030	-0.128
3521	35.20	-0.156	-0.106	0.046	0.327	0.738	1.221	1.647	1.834	1.608	0.866
3531	35.30	-0.371	-1.957	-3.656	-5.223	-6.479	-7.357	-7.898	-8.209	-8.393	-8.502
3541	35.40	-8.524	-8.406	-8.104	-7.620	-7.010	-6.357	-5.722	-5.104	-4.433	-3.598
3551	35.50	-2.508	-1.148	0.395	1.958	3.350	4.432	5.157	5.581	5.825	6.013
3561	35.60	6.217	6.437	6.617	6.696	6.656	6.550	6.493	6.617	7.003	7.644
3571	35.70	8.419	9.129	9.544	9.478	8.838	7.651	6.052	4.251	2.478	0.931
3581	35.80	-0.260	-1.055	-1.495	-1.685	-1.754	-1.820	-1.960	-2.194	-2.487	-2.776
3591	35.90	-2.994	-3.096	-3.078	-2.971	-2.824	-2.685	-2.579	-2.508	-2.445	-2.367
3601	36.00	-2.249	-2.084	-1.875	-1.629	-1.354	-1.056	-0.742	-0.431	-0.161	0.023
3611	36.10	0.071	-0.045	-0.323	-0.727	-1.196	-1.663	-2.076	-2.414	-2.688	-2.927
3621	36.20	-3.163	-3.415	-3.683	-3.954	-4.212	-4.452	-4.680	-4.911	-5.150	-5.378
3631	36.30	-5.552	-5.608	-5.484	-5.145	-4.597	-3.890	-3.101	-2.307	-1.556	-0.854
3641	36.40	-0.173	0.527	1.267	2.033	2.770	3.413	3.913	4.278	4.571	4.898
3651	36.50	5.357	5.995	6.768	7.546	8.145	8.388	8.167	7.478	6.420	5.163
3661	36.60	3.894	2.770	1.885	1.279	0.947	0.870	1.020	1.356	1.808	2.267
3671	36.70	2.593	2.666	2.333	1.645	0.673	-0.408	-1.394	-2.104	-2.436	-2.383
3681	36.80	-2.021	-1.470	-0.853	-0.258	0.266	0.708	1.067	1.346	1.537	1.628
3691	36.90	1.610	1.479	1.230	0.858	0.347	-0.320	-1.145	-2.109	-3.112	-4.075
3701	37.00	-4.867	-5.392	-5.607	-5.536	-5.266	-4.915	-4.594	-4.376	-4.276	-4.260
3711	37.10	-4.266	-4.232	-4.117	-3.916	-3.657	-3.381	-3.133	-2.936	-2.791	-2.671
3721	37.20	-2.537	-2.367	-2.076	-1.727	-1.331	-0.937	-0.600	-0.356	-0.213	-0.146
3731	37.30	-0.111	-0.064	0.026	0.161	0.323	0.487	0.629	0.743	0.828	0.888
3741	37.40	0.916	0.894	0.804	0.648	0.452	0.267	0.147	0.120	0.163	0.208
3751	37.50	0.164	-0.039	-0.408	-0.875	-1.320	-1.621	-1.711	-1.609	-1.409	-1.227
3761	37.60	-1.134	-1.102	-1.002	-0.656	0.078	1.232	2.693	4.228	5.570	6.515
3771	37.70	6.993	7.082	6.961	6.829	6.819	6.963	7.202	7.432	7.572	7.600
3781	37.80	7.547	7.465	7.380	7.260	7.027	6.585	5.874	4.904	3.751	2.533
3791	37.90	1.358	0.288	-0.672	-1.560	-2.413	-3.231	-3.959	-4.504	-4.763	-4.675
3801	38.00	-4.248	-3.566	-2.764	-1.993	-1.373	-0.960	-0.741	-0.645	-0.583	-0.481
3811	38.10	-0.317	-0.123	0.024	0.045	-0.102	-0.386	-0.701	-0.898	-0.837	-0.653
3821	38.20	0.207	0.985	1.662	2.028	1.965	1.482	0.710	-0.156	-0.952	-1.508
3831	38.30	-1.880	-2.123	-2.342	-2.613	-2.953	-3.325	-3.669	-3.942	-4.143	-4.300
3841	38.40	-4.442	-4.568	-4.630	-4.552	-4.271	-3.779	-3.144	-2.486	-1.938	-1.588
3851	38.50	-1.445	-1.442	-1.479	-1.468	-1.380	-1.245	-1.126	-1.074	-1.087	-1.109
3861	38.60	-1.050	-0.840	-0.464	0.022	0.518	0.925	1.190	1.330	1.415	1.529
3871	38.70	1.725	1.991	2.260	2.439	2.455	2.286	1.968	1.575	1.182	0.830
3881	38.80	0.519	0.217	-0.115	-0.488	-0.883	-1.253	-1.552	-1.757	-1.883	-1.973
3891	38.90	-2.072	-2.197	-2.313	-2.342	-2.183	-1.758	-1.052	-0.138	0.828	1.652
3901	39.00	2.156	2.238	1.913	1.311	0.639	0.115	-0.102	0.035	0.436	1.005
3911	39.10	1.504	1.822	1.918	1.865	1.715	1.638	1.666	1.772	1.857	1.803
3921	39.20	1.523	1.008	0.332	-0.375	-0.973	-1.363	-1.515	-1.469	-1.310	-1.129
3931	39.30	-0.992	-0.930	-0.937	-0.990	-1.065	-1.147	-1.230	-1.312	-1.378	-1.403
3941	39.40	-1.366	-1.160	-0.809	-0.280	0.398	1.153	1.873	2.431	2.716	2.672
3951	39.50	2.328	1.799	1.255	0.873	0.766	0.965	1.313	1.700	1.942	1.953
3961	39.60	1.769	1.540	1.470	1.723	2.347	3.232	4.136	4.763	4.862	4.306
3971	39.70	3.127	1.501	-0.323	-2.089	-3.605	-4.764	-5.542	-5.975	-6.126	-6.069
3981	39.80	-5.871	-5.596	-5.293	-4.991	-4.694	-4.373	-3.980	-3.469	-2.819	-2.069
3991	39.90	-1.217	-0.408	0.295	0.832	1.180	1.352	1.386	1.335	1.251	1.186

Table 7—34—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1127 501-GR-1-124 HA. CHA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.182	1.271	1.465	1.749	2.082	2.404	2.660	2.821	2.892	2.914
4011	40.10	2.940	3.006	3.111	3.213	3.262	3.135	2.855	2.411	1.844	1.209
4021	40.20	0.558	-0.073	-0.667	-1.110	-1.379	-1.353	-0.968	-0.141	0.991	2.266
4031	40.30	3.440	4.275	4.612	4.424	3.813	2.970	2.092	1.320	0.694	0.168
4041	40.40	-0.348	-0.928	-1.583	-2.260	-2.861	-3.253	-3.509	-3.526	-3.412	-3.258
4051	40.50	-3.138	-3.085	-3.091	-3.117	-3.123	-3.080	-2.980	-2.831	-2.644	-2.426
4061	40.60	-2.161	-1.910	-1.619	-1.321	-1.027	-0.743	-0.459	-0.153	0.202	0.622
4071	40.70	1.098	1.596	2.053	2.401	2.581	2.561	2.362	1.958	1.461	0.905
4081	40.80	0.355	-0.161	-0.613	-0.982	-1.257	-1.430	-1.496	-1.465	-1.360	-1.219
4091	40.90	-1.084	-0.996	-0.975	-1.015	-1.098	-1.155	-1.183	-1.161	-1.106	-1.056
4101	41.00	-1.047	-1.092	-1.171	-1.229	-1.204	-1.050	-0.763	-0.387	0.007	0.351
4111	41.10	0.611	0.802	0.974	1.185	1.458	1.763	2.024	2.156	2.110	1.908
4121	41.20	1.665	1.455	1.453	1.681	2.085	2.532	2.866	2.972	2.827	2.500
4131	41.30	2.122	1.823	1.676	1.668	1.727	1.751	1.673	1.485	1.263	1.037
4141	41.40	0.942	0.993	1.164	1.392	1.603	1.760	1.831	1.833	1.789	1.713
4151	41.50	1.611	1.474	1.295	1.072	0.808	0.502	0.147	-0.268	-0.747	-1.265
4161	41.60	-1.765	-2.171	-2.410	-2.454	-2.337	-2.151	-2.017	-2.029	-2.220	-2.536
4171	41.70	-2.871	-3.106	-3.172	-3.079	-2.907	-2.765	-2.733	-2.819	-2.956	-3.035
4181	41.80	-2.966	-2.722	-2.368	-2.019	-1.785	-1.711	-1.738	-1.727	-1.514	-0.988
4191	41.90	-0.153	0.864	1.847	2.572	2.888	2.767	2.311	1.701	1.132	0.741
4201	42.00	0.576	0.597	0.726	0.880	1.042	1.238	1.531	1.971	2.550	3.184
4211	42.10	3.728	4.018	3.927	3.420	2.566	1.521	0.475	-0.410	-1.053	-1.472
4221	42.20	-1.763	-2.049	-2.422	-2.902	-3.427	-3.888	-4.177	-4.234	-4.075	-3.772
4231	42.30	-3.420	-3.085	-2.777	-2.453	-2.052	-1.544	-0.961	-0.405	-0.007	0.128
4241	42.40	-0.020	-0.367	-0.767	-0.975	-0.920	-0.559	0.016	0.623	1.088	1.286
4251	42.50	1.205	0.930	0.605	0.366	0.290	0.369	0.529	0.671	0.722	0.664
4261	42.60	0.536	0.411	0.361	0.420	0.579	0.790	0.996	1.154	1.250	1.298
4271	42.70	1.325	1.361	1.413	1.480	1.554	1.632	1.724	1.844	2.000	2.177
4281	42.80	2.336	2.418	2.366	2.169	1.778	1.302	0.792	0.305	-0.139	-0.569
4291	42.90	-1.047	-1.637	-2.360	-3.170	-3.954	-4.563	-4.863	-4.787	-4.367	-3.720
4301	43.00	-3.014	-2.410	-2.006	-1.814	-1.769	-1.766	-1.710	-1.552	-1.301	-1.004
4311	43.10	-0.720	-0.482	-0.290	-0.112	0.086	0.321	0.576	0.814	0.993	1.098
4321	43.20	1.149	1.199	1.311	1.527	1.847	2.231	2.612	2.929	3.151	3.293
4331	43.30	3.603	3.561	3.748	4.030	4.355	4.670	4.923	5.093	5.186	5.234
4341	43.40	5.269	5.299	5.297	5.209	4.974	4.556	3.965	3.260	2.560	1.906
4351	43.50	1.427	1.119	0.943	0.824	0.684	0.472	0.185	-0.145	-0.470	-0.757
4361	43.60	-1.010	-1.269	-1.594	-2.031	-2.583	-3.204	-3.809	-4.305	-4.623	-4.759
4371	43.70	-4.754	-4.686	-4.624	-4.613	-4.640	-4.658	-4.605	-4.437	-4.156	-3.804
4381	43.80	-3.452	-3.171	-3.008	-2.976	-3.056	-3.213	-3.417	-3.648	-3.900	-4.165
4391	43.90	-4.429	-4.659	-4.811	-4.835	-4.697	-4.379	-3.889	-3.254	-2.508	-1.689
4401	44.00	-0.835	0.022	0.851	1.622	2.308	2.891	3.361	3.721	3.987	4.178
4411	44.10	4.317	4.425	4.514	4.588	4.639	4.651	4.601	4.471	4.253	3.960
4421	44.20	3.626	3.295	3.010	2.795	2.641	2.508	2.344	2.103	1.771	1.372
4431	44.30	0.961	0.605	0.354	0.222	0.186	0.202	0.230	0.250	0.274	0.327
4441	44.40	0.430	0.575	0.718	0.795	0.743	0.534	0.183	-0.253	-0.700	-1.098
4451	44.50	-1.418	-1.669	-1.874	-2.058	-2.218	-2.336	-2.372	-2.317	-2.179	-1.999
4461	44.60	-1.827	-1.699	-1.619	-1.563	-1.498	-1.409	-1.323	-1.301	-1.413	-1.693
4471	44.70	-2.108	-2.551	-2.869	-2.919	-2.627	-2.020	-1.217	-0.386	0.319	0.821
4481	44.80	1.137	1.361	1.611	1.974	2.460	3.003	3.487	3.793	3.851	3.652
4491	44.90	3.253	2.738	2.193	1.672	1.198	0.766	0.363	-0.019	-0.375	-0.696

Table 7—34—10

TABLE OF CORRECTED ACCELERATION RECOND NO.10

INDEX NO. 1127 501-GR-1-124 HA. CHA.) FUTTSU CAPE MAX. ACC. = -37.265 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.971	-1.196	-1.373	-1.507	-1.598	-1.646	-1.648	-1.609	-1.541	-1.464
4511	45.10	-1.396	-1.353	-1.341	-1.358	-1.407	-1.491	-1.621	-1.801	-2.021	-2.250
4521	45.20	-2.434	-2.518	-2.460	-2.252	-1.926	-1.538	-1.150	-0.803	-0.503	-0.230
4531	45.30	0.047	0.343	0.640	0.893	1.049	1.074	0.978	0.815	0.664	0.599
4541	45.40	0.661	0.838	1.077	1.313	1.494	1.607	1.676	1.744	1.849	2.000
4551	45.50	2.177	2.340	2.456	2.512	2.519	2.510	2.511	2.530	2.556	2.564
4561	45.60	2.534	2.470	2.395	2.365	2.344	2.390	2.455	2.499	2.490	2.430
4571	45.70	2.351	2.302	2.318	2.395	2.486	2.506	2.391	2.112	1.705	1.257
4581	45.80	0.868	0.604	0.462	0.370	0.212	-0.117	-0.666	-1.399	-2.214	-2.977
4591	45.90	-3.580	-3.979	-4.193	-4.314	-4.414	-4.557	-4.758	-4.994	-5.219	-5.399
4601	46.00	-5.513	-5.562	-5.551	-5.481	-5.342	-5.129	-4.850	-4.535	-4.222	-3.945
4611	46.10	-3.704	-3.462	-3.157	-2.734	-2.179	-1.536	-0.899	-0.364	0.015	0.265
4621	46.20	0.485	0.809	1.336	2.073	2.919	3.701	4.262	4.645	4.331	4.038
4631	46.30	3.753	3.624	3.694	3.883	4.026	3.964	3.618	3.036	2.374	1.823
4641	46.40	1.525	1.509	1.684	1.881	1.939	1.771	1.359	0.931	0.503	0.217
4651	46.50	0.094	0.082	0.089	0.042	-0.082	-0.267	-0.384	-0.440	-0.403	-0.312
4661	46.60	-0.239	-0.245	-0.353	-0.537	-0.741	-0.909	-1.014	-1.075	-1.138	-1.248
4671	46.70	-1.421	-1.625	-1.787	-1.819	-1.650	-1.253	-0.657	0.065	0.814	1.489
4681	46.80	2.004	2.304	2.372	2.224	1.909	1.504	1.091	0.744	0.507	0.382
4691	46.90	0.335	0.308	0.247	0.124	-0.050	-0.235	-0.379	-0.444	-0.427	-0.359
4701	47.00	-0.287	-0.255	-0.275	-0.324	-0.352	-0.302	-0.162	0.122	0.446	0.785
4711	47.10	1.016	1.162	1.202	1.167	1.102	1.068	1.021	1.013	0.991	0.915
4721	47.20	0.754	0.497	0.155	-0.260	-0.653	-1.050	-1.411	-1.734	-2.032	-2.326
4731	47.30	-2.639	-2.990	-3.385	-3.817	-4.269	-4.713	-5.115	-5.437	-5.645	-5.718
4741	47.40	-5.647	-5.446	-5.149	-4.800	-4.443	-4.110	-3.806	-3.515	-3.207	-2.859
4751	47.50	-2.464	-2.046	-1.669	-1.317	-1.076	-0.916	-0.781	-0.604	-0.318	-0.107
4761	47.60	0.655	1.268	1.869	2.401	2.865	3.233	3.630	4.100	4.681	5.357
4771	47.70	6.064	6.710	7.206	7.497	7.579	7.493	7.309	7.102	6.926	6.803
4781	47.80	6.722	6.641	6.507	6.267	5.881	5.333	4.637	3.860	3.008	2.213
4791	47.90	1.516	0.950	0.508	0.155	-0.161	-0.489	-0.855	-1.253	-1.666	-2.061
4801	48.00	-2.424	-2.755	-3.069	-3.384	-3.707	-4.025	-4.311	-4.531	-4.669	-4.726
4811	48.10	-4.726	-4.703	-4.678	-4.657	-4.618	-4.533	-4.376	-4.132	-3.820	-3.461
4821	48.20	-3.081	-2.690	-2.285	-1.854	-1.393	-0.916	-0.460	-0.074	0.205	0.367
4831	48.30	0.440	0.478	0.543	0.680	0.899	1.171	1.450	1.686	1.854	1.959
4841	48.40	2.025	2.087	2.166	2.259	2.363	2.386	2.355	2.243	2.057	1.821
4851	48.50	1.563	1.309	1.082	0.897	0.762	0.674	0.618	0.561	0.455	0.257
4861	48.60	-0.060	-0.489	-0.983	-1.473	-1.889	-2.196	-2.408	-2.581	-2.789	-3.079
4871	48.70	-3.438	-3.789	-4.003	-3.960	-3.594	-2.932	-2.093	-1.268	-0.580	-0.126
4881	48.80	0.061	0.094	0.115	0.250	0.563	1.031	1.568	2.064	2.436	2.651
4891	48.90	2.745	2.787	2.845	2.956	3.115	3.282	3.411	3.473	3.470	3.431
4901	49.00	3.392	3.375	3.377	3.369	3.313	3.182	2.974	2.712	2.437	2.186
4911	49.10	1.976	1.800	1.632	1.441	1.209	0.942	0.663	0.403	0.182	0.001
4921	49.20	-0.161	-0.335	-0.548	-0.806	-1.096	-1.387	-1.650	-1.888	-2.066	-2.208
4931	49.30	-2.377	-2.567	-2.766	-2.969	-3.086	-3.167	-3.209	-3.261	-3.372	-3.574
4941	49.40	-3.849	-4.123	-4.290	-4.244	-3.927	-3.359	-2.636	-1.908	-1.320	-0.969
4951	49.50	-0.869	-0.953	-1.108	-1.226	-1.242	-1.158	-1.028	-0.921	-0.881	-0.897
4961	49.60	-0.911	-0.838	-0.611	-0.216	0.299	0.836	1.292	1.589	1.713	1.706
4971	49.70	1.648	1.620	1.673	1.812	2.001	2.186	2.315	2.359	2.316	2.202
4981	49.80	2.037	1.837	1.612	1.372	1.127	0.899	0.709	0.570	0.481	0.424
4991	49.90	0.371	0.301	0.207	0.106	0.029	0.002	0.033	0.105	0.181	0.225

Table 7—34—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.215	0.161	0.098	0.063	0.080	0.137	0.191	0.188	0.095	-0.079
5011	50.10	-0.298	-0.413	-0.404	-0.209	0.148	0.587	1.006	1.317	1.486	1.536
5021	50.20	1.527	1.520	1.539	1.553	1.492	1.281	0.887	0.341	-0.260	-0.795
5031	50.30	-1.159	-1.316	-1.307	-1.235	-1.219	-1.343	-1.624	-2.008	-2.397	-2.695
5041	50.40	-2.846	-2.854	-2.770	-2.667	-2.601	-2.593	-2.625	-2.661	-2.669	-2.640
5051	50.50	-2.591	-2.568	-2.533	-2.561	-2.545	-2.506	-2.394	-2.203	-1.957	-1.694
5061	50.60	-1.456	-1.265	-1.121	-1.010	-0.918	-0.845	-0.809	-0.837	-0.965	-1.127
5071	50.70	-1.344	-1.537	-1.669	-1.643	-1.518	-1.305	-1.068	-0.782	-0.517	-0.235
5081	50.80	0.095	0.495	0.970	1.488	1.999	2.450	2.805	3.057	3.224	3.353
5091	50.90	3.612	3.472	3.511	3.522	3.503	3.462	3.416	3.382	3.368	3.368
5101	51.00	3.364	3.341	3.289	3.212	3.124	3.036	2.969	2.854	2.737	2.591
5111	51.10	2.421	2.268	2.098	1.982	1.888	1.778	1.605	1.332	0.953	0.502
5121	51.20	0.038	-0.378	-0.712	-0.970	-1.199	-1.457	-1.784	-2.178	-2.586	-2.929
5131	51.30	-3.120	-3.112	-2.909	-2.571	-2.185	-1.839	-1.588	-1.444	-1.375	-1.325
5141	51.40	-1.234	-1.061	-0.790	-0.435	-0.030	0.382	0.760	1.074	1.315	1.490
5151	51.50	1.619	1.727	1.826	1.913	1.964	1.948	1.844	1.654	1.413	1.179
5161	51.60	1.012	0.947	0.978	1.054	1.102	1.058	0.892	0.626	0.320	0.045
5171	51.70	-0.151	-0.261	-0.318	-0.375	-0.469	-0.603	-0.741	-0.826	-0.817	-0.713
5181	51.80	-0.557	-0.425	-0.382	-0.450	-0.591	-0.718	-0.729	-0.553	-0.178	0.361
5191	51.90	0.904	1.410	1.790	2.030	2.163	2.247	2.327	2.421	2.514	2.577
5201	52.00	2.591	2.567	2.538	2.549	2.621	2.737	2.827	2.797	2.556	2.058
5211	52.10	1.326	0.450	-0.433	-1.188	-1.718	-1.996	-2.067	-2.029	-1.991	-2.038
5221	52.20	-2.202	-2.457	-2.732	-2.946	-3.035	-2.976	-2.792	-2.543	-2.297	-2.111
5231	52.30	-2.011	-1.992	-2.023	-2.066	-2.093	-2.092	-2.071	-2.046	-2.030	-2.026
5241	52.40	-2.023	-2.003	-1.947	-1.847	-1.708	-1.546	-1.385	-1.244	-1.137	-1.068
5251	52.50	-1.033	-1.027	-1.046	-1.089	-1.156	-1.244	-1.345	-1.448	-1.538	-1.597
5261	52.60	-1.611	-1.568	-1.459	-1.279	-1.024	-0.699	-0.318	0.092	0.494	0.847
5271	52.70	1.115	1.276	1.327	1.287	1.190	1.071	0.960	0.870	0.802	0.745
5281	52.80	0.684	0.610	0.519	0.415	0.306	0.205	0.124	0.075	0.067	0.101
5291	52.90	0.167	0.232	0.254	0.184	-0.008	-0.322	-0.713	-1.101	-1.392	-1.511
5301	53.00	-1.434	-1.193	-0.871	-0.565	-0.353	-0.256	-0.243	-0.246	-0.199	-0.075
5311	53.10	0.101	0.262	0.337	0.289	0.139	-0.035	-0.137	-0.092	0.113	0.421
5321	53.20	0.732	0.942	0.995	0.902	0.732	0.574	0.497	0.515	0.589	0.655
5331	53.30	0.659	0.598	0.516	0.485	0.560	0.745	0.980	1.160	1.185	1.003
5341	53.40	0.638	0.183	-0.236	-0.519	-0.630	-0.614	-0.574	-0.625	-0.841	-1.225
5351	53.50	-1.702	-2.151	-2.452	-2.526	-2.361	-2.013	-1.577	-1.156	-0.825	-0.615
5361	53.60	-0.513	-0.480	-0.467	-0.437	-0.377	-0.295	-0.216	-0.167	-0.163	-0.206
5371	53.70	-0.277	-0.347	-0.386	-0.381	-0.337	-0.286	-0.271	-0.335	-0.496	-0.736
5381	53.80	-1.003	-1.216	-1.297	-1.191	-0.889	-0.431	0.109	0.645	1.107	1.463
5391	53.90	1.721	1.918	2.098	2.289	2.494	2.691	2.846	2.931	2.940	2.885
5401	54.00	2.794	2.694	2.593	2.486	2.352	2.174	1.951	1.706	1.475	1.299
5411	54.10	1.203	1.185	1.216	1.255	1.263	1.220	1.133	1.027	0.938	0.893
5421	54.20	0.901	0.954	1.034	1.122	1.206	1.287	1.366	1.449	1.532	1.607
5431	54.30	1.661	1.684	1.671	1.629	1.571	1.514	1.476	1.472	1.512	1.592
5441	54.40	1.694	1.781	1.808	1.730	1.522	1.193	0.793	0.406	0.123	0.014
5451	54.50	0.104	0.360	0.701	1.031	1.270	1.382	1.382	1.325	1.283	1.311
5461	54.60	1.432	1.634	1.883	2.134	2.349	2.502	2.581	2.577	2.493	2.337
5471	54.70	2.131	1.907	1.698	1.522	1.370	1.199	0.947	0.551	-0.017	-0.740
5481	54.80	-1.550	-2.349	-3.047	-3.588	-3.967	-4.228	-4.437	-4.652	-4.904	-5.184
5491	54.90	-5.465	-5.714	-5.912	-6.065	-6.194	-6.323	-6.462	-6.606	-6.733	-6.825

Table 7—34—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-6.870	-6.873	-6.869	-6.813	-6.767	-6.695	-6.572	-6.366	-6.059	-5.653
5511	55.10	-5.171	-4.650	-4.136	-3.661	-3.243	-2.876	-2.534	-2.182	-1.785	-1.327
5521	55.20	-0.814	-0.274	0.249	0.716	1.106	1.429	1.721	2.030	2.389	2.804
5531	55.30	3.265	3.654	3.978	4.186	4.292	4.344	4.407	4.530	4.729	4.976
5541	55.40	5.215	5.402	5.515	5.572	5.614	5.683	5.793	5.918	6.005	5.997
5551	55.50	5.863	5.614	5.298	4.968	4.662	4.380	4.077	3.697	3.197	2.582
5561	55.60	1.901	1.231	0.642	0.167	-0.215	-0.564	-0.948	-1.409	-1.941	-2.487
5571	55.70	-2.971	-3.329	-3.538	-3.627	-3.660	-3.708	-3.809	-3.955	-4.089	-4.155
5581	55.80	-4.031	-3.757	-3.350	-2.887	-2.462	-2.146	-1.966	-1.887	-1.856	-1.803
5591	55.90	-1.892	-1.527	-1.350	-1.217	-1.163	-1.181	-1.222	-1.212	-1.095	-0.860
5601	56.00	-0.559	-0.289	-0.155	-0.217	-0.467	-0.824	-1.172	-1.403	-1.469	-1.395
5611	56.10	-1.265	-1.169	-1.158	-1.214	-1.256	-1.182	-0.924	-0.486	0.045	0.535
5621	56.20	0.858	0.949	0.828	0.587	0.343	0.187	0.150	0.202	0.276	0.314
5631	56.30	0.294	0.244	0.215	0.254	0.370	0.531	0.677	0.753	0.736	0.643
5641	56.40	0.523	0.429	0.393	0.415	0.468	0.514	0.528	0.508	0.484	0.424
5651	56.50	0.402	0.398	0.405	0.413	0.424	0.451	0.507	0.597	0.709	0.816
5661	56.60	0.889	0.914	0.903	0.888	0.911	1.005	1.173	1.389	1.609	1.788
5671	56.70	1.897	1.937	1.932	1.917	1.924	1.972	2.067	2.201	2.360	2.530
5681	56.80	2.692	2.822	2.892	2.876	2.757	2.538	2.242	1.911	1.587	1.302
5691	56.90	1.068	0.870	0.681	0.472	0.221	-0.074	-0.403	-0.745	-1.075	-1.374
5701	57.00	-1.629	-1.831	-1.975	-2.059	-2.083	-2.053	-1.976	-1.865	-1.738	-1.613
5711	57.10	-1.512	-1.453	-1.447	-1.495	-1.579	-1.665	-1.709	-1.673	-1.536	-1.308
5721	57.20	-1.027	-0.750	-0.527	-0.384	-0.312	-0.272	-0.212	-0.093	0.095	0.329
5731	57.30	0.569	0.774	0.923	1.022	1.099	1.179	1.276	1.380	1.467	1.516
5741	57.40	1.521	1.498	1.469	1.460	1.472	1.481	1.452	1.356	1.194	0.998
5751	57.50	0.820	0.705	0.664	0.665	0.641	0.522	0.269	-0.103	-0.524	-0.909
5761	57.60	-1.181	-1.311	-1.332	-1.319	-1.352	-1.380	-1.395	-1.334	-2.112	-2.155
5771	57.70	-2.038	-1.794	-1.499	-1.240	-1.080	-1.031	-1.059	-1.093	-1.060	-0.907
5781	57.80	-0.619	-0.213	0.270	0.781	1.281	1.739	2.133	2.447	2.664	2.771
5791	57.90	2.760	2.637	2.421	2.139	1.823	1.497	1.179	0.877	0.595	0.357
5801	58.00	0.111	-0.079	-0.230	-0.350	-0.457	-0.572	-0.712	-0.874	-1.062	-1.179
5811	58.10	-1.249	-1.226	-1.107	-0.917	-0.698	-0.499	-0.351	-0.268	-0.239	-0.239
5821	58.20	-0.248	-0.258	-0.280	-0.337	-0.452	-0.638	-0.884	-1.164	-1.442	-1.682
5831	58.30	-1.862	-1.974	-2.026	-2.032	-2.011	-1.979	-1.953	-1.944	-1.963	-2.016
5841	58.40	-2.098	-2.196	-2.289	-2.353	-2.369	-2.327	-2.231	-2.092	-1.929	-1.755
5851	58.50	-1.582	-1.418	-1.264	-1.121	-0.986	-0.845	-0.678	-0.455	-0.147	-0.266
5861	58.60	0.778	1.364	1.975	2.555	3.061	3.464	3.763	3.968	4.092	4.137
5871	58.70	4.089	3.925	3.625	3.188	2.638	2.012	1.372	0.764	0.218	-0.252
5881	58.80	-0.652	-0.987	-1.262	-1.475	-1.620	-1.702	-1.735	-1.749	-1.776	-1.837
5891	58.90	-1.933	-2.043	-2.128	-2.169	-2.086	-1.946	-1.763	-1.587	-1.462	-1.409
5901	59.00	-1.418	-1.455	-1.465	-1.418	-1.297	-1.118	-0.918	-0.737	-0.603	-0.519
5911	59.10	-0.470	-0.428	-0.374	-0.301	-0.221	-0.150	-0.095	-0.062	0.045	0.211
5921	59.20	0.489	0.881	1.349	1.824	2.229	2.507	2.642	2.684	2.636	2.623
5931	59.30	2.468	2.773	2.904	3.012	3.053	3.034	2.915	2.798	2.704	2.656
5941	59.40	2.645	2.637	2.588	2.465	2.263	2.006	1.714	1.445	1.215	1.032
5951	59.50	0.881	0.742	0.593	0.423	0.231	0.021	-0.196	-0.410	-0.610	-0.787
5961	59.60	-0.930	-1.032	-1.090	-1.107	-1.093	-1.066	-1.033	-1.012	-1.003	-1.005
5971	59.70	-1.013	-1.017	-1.010	-0.982	-0.928	-0.844	-0.729	-0.592	-0.444	-0.302
5981	59.80	-0.178	-0.076	0.008	0.085	0.165	0.249	0.327	0.379	0.385	0.335
5991	59.90	0.233	0.105	-0.020	-0.113	-0.159	-0.161	-0.134	-0.099	-0.057	-0.037

Table 7—34—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1127 S01-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.001	0.059	0.158	0.229	0.311	0.364	0.375	0.368	0.300	0.253
6011	60.10	0.225	0.223	0.239	0.261	0.274	0.272	0.256	0.231	0.196	0.148
6021	60.20	0.073	-0.051	-0.205	-0.420	-0.685	-0.996	-1.349	-1.746	-2.177	-2.633
6031	60.30	-3.085	-3.499	-3.838	-4.082	-4.233	-4.315	-4.363	-4.406	-4.451	-4.477
6041	60.40	-4.448	-4.327	-4.093	-3.757	-3.352	-2.920	-2.490	-2.069	-1.663	-1.190
6051	60.50	-0.703	-0.197	0.288	0.708	1.038	1.291	1.517	1.781	2.137	2.595
6061	60.60	3.109	3.594	3.956	4.121	4.082	3.884	3.618	3.380	3.243	3.236
6071	60.70	3.365	3.532	3.751	3.971	4.176	4.362	4.525	4.656	4.741	4.767
6081	60.80	4.732	4.640	4.502	4.325	4.101	3.817	3.459	3.025	2.539	2.042
6091	60.90	1.581	1.190	0.873	0.601	0.330	0.017	-0.354	-0.765	-1.174	-1.535
6101	61.00	-1.822	-2.041	-2.226	-2.419	-2.648	-2.907	-3.166	-3.378	-3.508	-3.553
6111	61.10	-3.543	-3.528	-3.558	-3.657	-3.818	-4.007	-4.180	-4.305	-4.365	-4.366
6121	61.20	-4.314	-4.221	-4.086	-3.907	-3.692	-3.460	-3.247	-3.082	-2.979	-2.916
6131	61.30	-2.843	-2.697	-2.428	-2.025	-1.525	-0.997	-0.520	-0.142	0.111	0.284
6141	61.40	0.424	0.576	0.752	0.933	1.078	1.155	1.156	1.114	1.088	1.137
6151	61.50	1.295	1.558	1.879	2.197	2.456	2.626	2.713	2.746	2.760	2.778
6161	61.60	2.803	2.820	2.807	2.749	2.641	2.497	2.332	2.162	1.998	1.863
6171	61.70	1.699	1.570	1.461	1.376	1.309	1.254	1.195	1.120	1.022	0.909
6181	61.80	0.793	0.687	0.594	0.504	0.398	0.259	0.082	-0.120	-0.319	-0.482
6191	61.90	-0.588	-0.636	-0.644	-0.644	-0.662	-0.707	-0.765	-0.811	-0.823	-0.792
6201	62.00	-0.732	-0.675	-0.656	-0.693	-0.786	-0.911	-1.037	-1.135	-1.198	-1.233
6211	62.10	-1.262	-1.302	-1.361	-1.430	-1.493	-1.531	-1.536	-1.511	-1.467	-1.416
6221	62.20	-1.358	-1.290	-1.198	-1.078	-0.951	-0.770	-0.617	-0.491	-0.401	-0.366
6231	62.30	-0.313	-0.281	-0.225	-0.123	-0.050	0.302	0.655	1.043	1.500	1.897
6241	62.40	2.187	2.319	2.278	2.098	1.848	1.609	1.441	1.364	1.351	1.347
6251	62.50	1.304	1.205	1.077	0.978	0.966	1.063	1.242	1.441	1.587	1.660
6261	62.60	1.614	1.566	1.568	1.659	1.820	1.969	2.001	1.841	1.480	0.996
6271	62.70	0.520	0.183	0.058	0.125	0.289	0.419	0.412	0.240	-0.049	-0.354
6281	62.80	-0.581	-0.686	-0.704	-0.711	-0.800	-1.025	-1.374	-1.778	-2.143	-2.398
6291	62.90	-2.516	-2.529	-2.499	-2.490	-2.539	-2.643	-2.772	-2.889	-2.968	-2.992
6301	63.00	-2.966	-2.889	-2.755	-2.552	-2.281	-1.960	-1.629	-1.342	-1.142	-1.045
6311	63.10	-1.032	-1.059	-1.075	-1.049	-0.980	-0.894	-0.825	-0.791	-0.785	-0.776
6321	63.20	-0.727	-0.614	-0.444	-0.247	-0.065	0.072	0.163	0.226	0.294	0.389
6331	63.30	0.513	0.633	0.751	0.823	0.869	0.924	1.032	1.220	1.485	1.798
6341	63.40	2.068	2.274	2.380	2.401	2.381	2.378	2.432	2.558	2.734	2.920
6351	63.50	3.072	3.159	3.167	3.100	2.971	2.791	2.570	2.313	2.023	1.702
6361	63.60	1.354	0.980	0.576	0.145	-0.310	-0.769	-1.206	-1.590	-1.899	-2.130
6371	63.70	-2.301	-2.443	-2.590	-2.758	-2.936	-3.094	-3.193	-3.210	-3.146	-3.032
6381	63.80	-2.912	-2.823	-2.774	-2.736	-2.658	-2.482	-2.173	-1.733	-1.206	-0.658
6391	63.90	-0.156	0.251	0.545	0.737	0.851	0.910	0.932	0.925	0.900	0.873
6401	64.00	0.870	0.916	1.025	1.190	1.378	1.566	1.650	1.672	1.622	1.536
6411	64.10	1.460	1.630	1.655	1.513	1.565	1.568	1.495	1.349	1.153	0.966
6421	64.20	0.766	0.634	0.554	0.514	0.497	0.487	0.478	0.463	0.455	0.447
6431	64.30	0.450	0.460	0.475	0.491	0.505	0.513	0.502	0.500	0.481	0.462
6441	64.40	0.451	0.453	0.470	0.492	0.507	0.504	0.483	0.450	0.427	0.427
6451	64.50	0.454	0.494	0.517	0.492	0.404	0.263	0.109	-0.007	-0.043	0.012
6461	64.60	0.129	0.242	0.279	0.181	-0.067	-0.434	-0.855	-1.252	-1.563	-1.763
6471	64.70	-1.859	-1.888	-1.894	-1.913	-1.960	-2.033	-2.117	-2.191	-2.240	-2.255
6481	64.80	-2.236	-2.191	-2.135	-2.085	-2.055	-2.052	-2.066	-2.078	-2.060	-1.987
6491	64.90	-1.847	-1.646	-1.401	-1.133	-0.854	-0.558	-0.229	0.153	0.590	1.064

Table 7—34—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1127 S01-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	1.536	1.957	2.291	2.524	2.666	2.761	2.771	2.765	2.724	2.642
6511	65.10	2.530	2.417	2.345	2.335	2.390	2.464	2.481	2.371	2.100	1.701
6521	65.20	1.265	0.899	0.597	0.481	0.799	0.969	1.033	1.003	0.885	0.765
6531	65.30	0.738	0.857	1.092	1.341	1.472	1.384	1.058	0.568	0.049	-0.363
6541	65.40	-0.583	-0.610	-0.510	-0.378	-0.284	-0.245	-0.230	-0.192	-0.105	-0.006
6551	65.50	0.074	0.025	-0.177	-0.507	-0.879	-1.186	-1.344	-1.344	-1.248	-1.166
6561	65.60	-1.204	-1.414	-1.773	-2.194	-2.568	-2.814	-2.913	-2.910	-2.887	-2.918
6571	65.70	-3.038	-3.227	-3.427	-3.572	-3.627	-3.602	-3.546	-3.517	-3.556	-3.660
6581	65.80	-3.786	-3.869	-3.850	-3.706	-3.454	-3.142	-2.828	-2.548	-2.308	-2.080
6591	65.90	-1.823	-1.504	-1.117	-0.684	-0.244	0.171	0.549	0.911	1.297	1.744
6601	66.00	2.262	2.820	3.349	3.766	4.003	4.041	3.919	3.722	3.552	3.494
6611	66.10	3.580	3.788	4.048	4.277	4.409	4.420	4.351	4.189	4.044	3.922
6621	66.20	3.614	3.688	3.504	3.239	2.901	2.527	2.168	1.856	1.610	1.405
6631	66.30	1.195	0.936	0.604	0.210	-0.207	-0.594	-0.909	-1.139	-1.306	-1.452
6641	66.40	-1.620	-1.832	-2.076	-2.313	-2.491	-2.577	-2.565	-2.485	-2.388	-2.322
6651	66.50	-2.311	-2.347	-2.357	-2.423	-2.404	-2.349	-2.292	-2.275	-2.320	-2.416
6661	66.60	-2.509	-2.539	-2.450	-2.224	-1.890	-1.511	-1.158	-0.872	-0.681	-0.529
6671	66.70	-0.373	-0.170	0.088	0.373	0.631	0.816	0.909	0.933	0.942	0.959
6681	66.80	1.145	1.384	1.681	1.980	2.227	2.388	2.463	2.474	2.452	2.421
6691	66.90	2.390	2.354	2.302	2.230	2.140	2.042	1.945	1.851	1.755	1.647
6701	67.00	1.522	1.377	1.221	1.062	0.899	0.726	0.526	0.284	-0.000	-0.311
6711	67.10	-0.615	-0.871	-1.068	-1.135	-1.145	-1.113	-1.076	-1.059	-1.068	-1.083
6721	67.20	-1.074	-1.011	-0.878	-0.684	-0.458	-0.236	-0.054	0.050	0.102	0.086
6731	67.30	0.034	-0.030	-0.085	-0.122	-0.120	-0.143	-0.139	-0.133	-0.129	-0.128
6741	67.40	-0.131	-0.137	-0.146	-0.154	-0.160	-0.161	-0.157	-0.151	-0.151	-0.163
6751	67.50	-0.198	-0.256	-0.333	-0.418	-0.498	-0.561	-0.605	-0.636	-0.666	-0.710
6761	67.60	-0.774	-0.857	-0.951	-1.044	-1.127	-1.196	-1.253	-1.287	-1.323	-1.316
6771	67.70	-1.259	-1.142	-0.968	-0.762	-0.544	-0.419	-0.356	-0.382	-0.468	-0.564
6781	67.80	-0.615	-0.580	-0.447	-0.235	0.015	0.257	0.456	0.601	0.700	0.772
6791	67.90	0.838	0.907	0.975	1.030	1.059	1.057	1.031	0.995	0.972	0.978
6801	68.00	1.026	1.108	1.218	1.337	1.445	1.529	1.581	1.601	1.599	1.586
6811	68.10	1.575	1.570	1.567	1.560	1.539	1.505	1.465	1.439	1.443	1.486
6821	68.20	1.553	1.609	1.607	1.501	1.270	0.926	0.516	0.102	-0.248	-0.499
6831	68.30	-0.651	-0.744	-0.837	-0.887	-1.223	-1.538	-1.804	-2.037	-2.518	-2.713
6841	68.40	-2.830	-2.896	-2.946	-3.004	-3.027	-3.152	-3.208	-3.228	-3.211	-3.168
6851	68.50	-3.118	-3.070	-3.020	-2.944	-2.812	-2.603	-2.320	-1.994	-1.672	-1.401
6861	68.60	-1.203	-1.059	-0.916	-0.710	-0.392	0.040	0.534	0.996	1.328	1.467
6871	68.70	1.412	1.233	1.043	0.960	1.055	1.333	1.728	2.133	2.441	2.587
6881	68.80	2.564	2.422	2.239	2.090	2.019	2.029	2.093	2.166	2.209	2.197
6891	68.90	2.122	1.988	1.807	1.597	1.383	1.191	1.047	0.968	0.935	0.918
6901	69.00	0.869	0.677	0.366	-0.070	-0.548	-1.029	-1.357	-1.485	-1.407	-1.172
6911	69.10	-0.865	-0.574	-0.359	-0.236	-0.178	-0.141	-0.088	-0.007	0.086	0.157
6921	69.20	0.179	0.143	0.066	-0.019	-0.080	-0.099	-0.081	-0.048	-0.024	-0.020
6931	69.30	-0.026	-0.009	0.058	0.196	0.399	0.632	0.847	0.997	1.058	1.033
6941	69.40	0.951	0.848	0.718	0.645	0.496	0.254	-0.128	-0.458	-1.292	-1.939
6951	69.50	-2.483	-2.823	-2.906	-2.744	-2.421	-2.045	-1.727	-1.532	-1.468	-1.488
6961	69.60	-1.521	-1.502	-1.401	-1.230	-1.032	-0.853	-0.720	-0.630	-0.552	-0.454
6971	69.70	-0.316	-0.151	0.008	0.120	0.157	0.121	0.040	-0.044	-0.098	-0.106
6981	69.80	-0.089	-0.075	-0.088	-0.132	-0.185	-0.210	-0.171	-0.034	0.127	0.335
6991	69.90	0.527	0.680	0.797	0.911	1.065	1.294	1.604	1.964	2.317	2.594

Table 7—34—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	2.768	2.761	2.654	2.481	2.304	2.172	2.109	2.104	2.117	2.099
7011	70.10	2.007	1.818	1.539	1.203	0.852	0.526	0.248	0.070	-0.125	-0.360
7021	70.20	-0.551	-0.750	-0.942	-1.103	-1.215	-1.275	-1.297	-1.313	-1.356	-1.450
7031	70.30	-1.597	-1.779	-1.964	-2.119	-2.219	-2.257	-2.240	-2.184	-2.104	-2.010
7041	70.40	-1.897	-1.753	-1.565	-1.324	-1.034	-0.712	-0.387	-0.093	0.140	0.295
7051	70.50	0.379	0.419	0.456	0.526	0.665	0.874	1.131	1.396	1.628	1.799
7061	70.60	1.910	1.985	2.059	2.160	2.293	2.431	2.526	2.528	2.407	2.168
7071	70.70	1.852	1.523	1.244	1.057	0.968	0.947	0.942	0.896	0.759	0.522
7081	70.80	0.197	-0.178	-0.554	-0.885	-1.161	-1.321	-1.448	-1.563	-1.712	-1.928
7091	70.90	-2.215	-2.550	-2.884	-3.166	-3.351	-3.436	-3.441	-3.409	-3.383	-3.387
7101	71.00	-3.416	-3.439	-3.416	-3.313	-3.118	-2.838	-2.496	-2.104	-1.676	-1.209
7111	71.10	-0.704	-0.177	0.337	0.787	1.129	1.339	1.434	1.462	1.487	1.564
7121	71.20	1.716	1.927	2.152	2.338	2.453	2.493	2.483	2.465	2.473	2.521
7131	71.30	2.599	2.679	2.732	2.741	2.706	2.645	2.582	2.539	2.526	2.540
7141	71.40	2.567	2.582	2.562	2.486	2.349	2.157	1.933	1.705	1.503	1.340
7151	71.50	1.208	1.083	0.929	0.723	0.467	0.190	-0.060	-0.236	-0.316	-0.315
7161	71.60	-0.282	-0.284	-0.370	-0.558	-0.822	-1.106	-1.350	-1.515	-1.595	-1.618
7171	71.70	-1.628	-1.663	-1.740	-1.853	-1.979	-2.096	-2.192	-2.267	-2.328	-2.380
7181	71.80	-2.439	-2.439	-2.435	-2.409	-2.375	-2.350	-2.346	-2.360	-2.374	-2.363
7191	71.90	-2.311	-2.216	-2.092	-1.965	-1.850	-1.749	-1.641	-1.497	-1.296	-1.035
7201	72.00	-0.736	-0.433	-0.160	0.068	0.260	0.444	0.647	0.885	1.169	1.414
7211	72.10	1.648	1.828	1.947	2.013	2.035	2.020	1.963	1.856	1.687	1.470
7221	72.20	1.225	0.982	0.743	0.574	0.398	0.211	-0.006	-0.247	-0.483	-0.666
7231	72.30	-0.747	-0.710	-0.567	-0.364	-0.162	-0.005	0.072	0.094	0.092	0.103
7241	72.40	0.149	0.228	0.313	0.372	0.381	0.340	0.267	0.195	0.156	0.151
7251	72.50	0.186	0.228	0.252	0.244	0.205	0.155	0.117	0.111	0.136	0.178
7261	72.60	0.210	0.210	0.172	0.111	0.056	0.037	0.067	0.135	0.203	0.224
7271	72.70	0.163	0.015	-0.185	-0.370	-0.466	-0.425	-0.240	0.043	0.344	0.578
7281	72.80	0.887	0.660	0.534	0.374	0.247	0.191	0.208	0.268	0.326	0.349
7291	72.90	0.329	0.283	0.238	0.218	0.223	0.235	0.224	0.168	0.063	-0.068
7301	73.00	-0.190	-0.266	-0.279	-0.236	-0.168	-0.107	-0.088	-0.115	-0.173	-0.231
7311	73.10	-0.257	-0.230	-0.150	-0.032	0.096	0.211	0.296	0.353	0.388	0.413
7321	73.20	0.435	0.453	0.459	0.442	0.396	0.324	0.237	0.153	0.084	0.031
7331	73.30	-0.017	-0.081	-0.181	-0.326	-0.505	-0.689	-0.838	-0.922	-0.929	-0.873
7341	73.40	-0.793	-0.732	-0.719	-0.755	-0.815	-0.852	-0.826	-0.718	-0.542	-0.334
7351	73.50	-0.164	-0.005	0.074	0.109	0.129	0.154	0.185	0.200	0.167	0.066
7361	73.60	-0.098	-0.291	-0.465	-0.581	-0.627	-0.625	-0.627	-0.682	-0.823	-1.045
7371	73.70	-1.316	-1.591	-1.838	-2.047	-2.228	-2.398	-2.557	-2.678	-2.713	-2.613
7381	73.80	-2.359	-1.972	-1.516	-1.069	-0.694	-0.400	-0.146	0.149	0.564	1.141
7391	73.90	1.858	2.638	3.375	3.979	4.401	4.650	4.779	4.857	4.936	5.036
7401	74.00	5.167	5.262	5.299	5.308	5.276	5.212	5.118	4.983	4.790	4.527
7411	74.10	4.201	3.858	3.474	3.139	2.837	2.568	2.236	1.870	1.442	0.979
7421	74.20	0.531	0.151	-0.228	-0.512	-0.439	-0.562	-0.727	-0.951	-1.219	-1.494
7431	74.30	-1.744	-1.953	-2.134	-2.319	-2.539	-2.805	-3.101	-3.391	-3.634	-3.808
7441	74.40	-3.921	-4.006	-4.105	-4.248	-4.434	-4.632	-4.794	-4.876	-4.860	-4.747
7451	74.50	-4.645	-4.553	-4.533	-4.593	-4.701	-4.800	-4.827	-4.737	-4.526	-4.216
7461	74.60	-3.866	-3.526	-3.232	-2.996	-2.795	-2.596	-2.387	-2.095	-1.792	-1.488
7471	74.70	-1.217	-1.000	-0.858	-0.705	-0.568	-0.394	-0.186	0.108	0.406	0.700
7481	74.80	0.971	1.222	1.471	1.744	2.061	2.421	2.802	3.166	3.478	3.716
7491	74.90	3.884	4.004	4.110	4.227	4.361	4.497	4.604	4.654	4.635	4.559

Table 7—34—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1127 501-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	4.658	4.371	4.330	4.342	4.388	4.430	4.428	4.353	4.200	3.986
7511	75.10	3.743	3.497	3.261	3.025	2.764	2.452	2.076	1.668	1.203	0.786
7521	75.20	0.436	0.168	-0.035	-0.206	-0.398	-0.644	-0.952	-1.308	-1.680	-2.038
7531	75.30	-2.369	-2.677	-2.981	-3.293	-3.607	-3.896	-4.123	-4.253	-4.277	-4.216
7541	75.40	-4.112	-4.006	-3.922	-3.852	-3.765	-3.625	-3.421	-3.176	-2.943	-2.782
7551	75.50	-2.722	-2.744	-2.781	-2.747	-2.575	-2.260	-1.858	-1.474	-1.208	-1.099
7561	75.60	-1.119	-1.157	-1.077	-0.775	-0.232	0.481	1.219	1.828	2.198	2.305
7571	75.70	2.211	2.027	1.865	1.791	1.812	1.885	1.952	1.969	1.928	1.850
7581	75.80	1.768	1.701	1.648	1.592	1.514	1.416	1.321	1.261	1.263	1.326
7591	75.90	1.421	1.500	1.520	1.468	1.368	1.273	1.235	1.286	1.417	1.585
7601	76.00	1.734	1.817	1.823	1.771	1.703	1.654	1.636	1.630	1.597	1.499
7611	76.10	1.319	1.068	0.786	0.520	0.303	0.145	0.029	-0.074	-0.191	-0.334
7621	76.20	-0.494	-0.652	-0.789	-0.898	-0.990	-1.088	-1.206	-1.359	-1.532	-1.697
7631	76.30	-1.820	-1.878	-1.867	-1.805	-1.727	-1.669	-1.652	-1.675	-1.715	-1.736
7641	76.40	-1.710	-1.625	-1.495	-1.354	-1.240	-1.173	-1.150	-1.139	-1.098	-0.991
7651	76.50	-0.816	-0.604	-0.414	-0.302	-0.298	-0.386	-0.503	-0.570	-0.521	-0.359
7661	76.60	-0.067	0.213	0.409	0.462	0.377	0.216	0.074	0.035	0.134	0.345
7671	76.70	0.594	0.799	0.909	0.932	0.922	0.957	1.091	1.328	1.617	1.877
7681	76.80	2.037	2.077	2.036	1.994	2.036	2.199	2.453	2.705	2.832	2.735
7691	76.90	2.383	1.824	1.170	0.555	0.081	-0.213	-0.358	-0.435	-0.530	-0.702
7701	77.00	-0.959	-1.260	-1.543	-1.752	-1.864	-1.896	-1.886	-1.891	-1.942	-2.040
7711	77.10	-2.161	-2.264	-2.313	-2.293	-2.212	-2.097	-1.981	-1.888	-1.826	-1.784
7721	77.20	-1.745	-1.689	-1.607	-1.503	-1.386	-1.270	-1.163	-1.067	-0.978	-0.889
7731	77.30	-0.797	-0.703	-0.611	-0.527	-0.455	-0.386	-0.326	-0.262	-0.204	-0.154
7741	77.40	-0.120	-0.106	-0.114	-0.138	-0.169	-0.198	-0.221	-0.236	-0.237	-0.227
7751	77.50	-0.199	-0.148	-0.073	0.019	0.112	0.186	0.224	0.220	0.186	0.146
7761	77.60	0.130	0.157	0.232	0.342	0.461	0.563	0.634	0.676	0.693	0.707
7771	77.70	0.728	0.758	0.791	0.825	0.862	0.913	0.993	1.111	1.265	1.438
7781	77.80	1.605	1.761	1.836	1.897	1.943	1.998	2.079	2.190	2.320	2.454
7791	77.90	2.576	2.677	2.755	2.810	2.843	2.854	2.847	2.836	2.842	2.886
7801	78.00	2.976	3.090	3.179	3.174	3.012	2.664	2.154	1.558	0.976	0.499
7811	78.10	0.171	-0.025	-0.159	-0.316	-0.555	-0.886	-1.251	-1.571	-1.767	-1.804
7821	78.20	-1.707	-1.551	-1.426	-1.399	-1.487	-1.655	-1.837	-1.966	-2.010	-1.974
7831	78.30	-1.899	-1.831	-1.800	-1.809	-1.833	-1.839	-1.804	-1.729	-1.636	-1.556
7841	78.40	-1.511	-1.504	-1.519	-1.526	-1.502	-1.438	-1.342	-1.236	-1.140	-1.065
7851	78.50	-1.011	-0.963	-0.909	-0.839	-0.753	-0.661	-0.574	-0.501	-0.444	-0.402
7861	78.60	-0.368	-0.335	-0.299	-0.253	-0.192	-0.111	-0.007	0.117	0.250	0.378
7871	78.70	0.486	0.567	0.625	0.674	0.731	0.806	0.896	0.972	1.003	0.953
7881	78.80	0.804	0.562	0.263	-0.041	-0.289	-0.438	-0.469	-0.391	-0.241	-0.064
7891	78.90	0.092	0.194	0.230	0.206	0.143	0.067	0.006	-0.029	-0.027	0.002
7901	79.00	0.061	0.070	0.070	0.031	-0.050	-0.162	-0.293	-0.426	-0.563	-0.660
7911	79.10	-0.713	-0.763	-0.793	-0.805	-0.804	-0.794	-0.782	-0.774	-0.773	-0.782
7921	79.20	-0.796	-0.810	-0.817	-0.818	-0.823	-0.847	-0.906	-1.007	-1.139	-1.270
7931	79.30	-1.351	-1.330	-1.271	-0.865	-0.443	0.030	0.475	0.822	1.030	1.100
7941	79.40	1.077	1.026	1.011	1.075	1.218	1.409	1.597	1.736	1.806	1.808
7951	79.50	1.780	1.757	1.763	1.796	1.831	1.839	1.798	1.716	1.624	1.565
7961	79.60	1.572	1.643	1.737	1.789	1.753	1.535	1.209	0.818	0.448	0.179
7971	79.70	0.050	0.043	0.100	0.160	0.102	-0.033	-0.240	-0.462	-0.638	-0.735
7981	79.80	-0.755	-0.734	-0.718	-0.742	-0.811	-0.901	-0.971	-0.988	-0.941	-0.854
7991	79.90	-0.771	-0.741	-0.797	-0.943	-1.153	-1.381	-1.578	-1.711	-1.769	-1.763

Table 7—34—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1127 S01-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8001	80.00	-1.720	-1.670	-1.635	-1.624	-1.633	-1.649	-1.654	-1.639	-1.601	-1.569
8011	80.10	-1.494	-1.451	-1.421	-1.397	-1.356	-1.267	-1.114	-0.894	-0.629	-0.362
8021	80.20	-0.142	-0.009	0.024	-0.024	-0.107	-0.170	-0.173	-0.105	0.009	0.119
8031	80.30	0.179	0.162	0.080	-0.016	-0.058	0.014	0.229	0.565	0.963	1.338
8041	80.40	1.618	1.762	1.779	1.717	1.649	1.639	1.722	1.896	2.120	2.338
8051	80.50	2.496	2.560	2.524	2.405	2.235	2.043	1.847	1.659	1.480	1.316
8061	80.60	1.174	1.061	0.981	0.927	0.878	0.809	0.695	0.529	0.325	0.115
8071	80.70	-0.060	-0.170	-0.200	-0.163	-0.092	-0.024	0.012	0.002	-0.050	-0.133
8081	80.80	-0.234	-0.350	-0.482	-0.635	-0.805	-0.975	-1.119	-1.214	-1.245	-1.219
8091	80.90	-1.158	-1.095	-1.056	-1.050	-1.063	-1.066	-1.027	-0.924	-0.754	-0.536
8101	81.00	-0.298	-0.070	0.124	0.278	0.395	0.484	0.556	0.618	0.671	0.718
8111	81.10	0.757	0.789	0.811	0.822	0.816	0.793	0.751	0.695	0.631	0.566
8121	81.20	0.500	0.432	0.359	0.278	0.194	0.117	0.053	0.003	-0.043	-0.111
8131	81.30	-0.225	-0.401	-0.629	-0.877	-1.093	-1.227	-1.254	-1.183	-1.062	-0.957
8141	81.40	-0.930	-1.007	-1.172	-1.367	-1.518	-1.565	-1.487	-1.310	-1.098	-0.923
8151	81.50	-0.838	-0.855	-0.943	-1.041	-1.089	-1.049	-0.922	-0.743	-0.564	-0.432
8161	81.60	-0.368	-0.364	-0.389	-0.409	-0.397	-0.348	-0.273	-0.185	-0.093	0.008
8171	81.70	0.134	0.300	0.510	0.748	0.983	1.180	1.313	1.381	1.404	1.411
8181	81.80	1.429	1.463	1.498	1.505	1.458	1.353	1.209	1.067	0.968	0.936
8191	81.90	0.953	0.988	0.985	0.903	0.751	0.493	0.241	0.031	-0.100	-0.142
8201	82.00	-0.118	-0.062	-0.008	0.026	0.043	0.055	0.073	0.095	0.105	0.082
8211	82.10	0.011	-0.104	-0.241	-0.366	-0.449	-0.472	-0.441	-0.380	-0.317	-0.276
8221	82.20	-0.268	-0.288	-0.322	-0.354	-0.372	-0.374	-0.362	-0.346	-0.332	-0.326
8231	82.30	-0.332	-0.352	-0.383	-0.416	-0.436	-0.429	-0.379	-0.283	-0.146	0.017
8241	82.40	0.186	0.343	0.480	0.600	0.709	0.811	0.906	0.987	1.045	1.079
8251	82.50	1.094	1.103	1.119	1.144	1.168	1.167	1.123	1.026	0.893	0.759
8261	82.60	0.665	0.643	0.700	0.815	0.946	1.052	1.110	1.123	1.113	1.108
8271	82.70	1.122	1.146	1.149	1.090	0.943	0.707	0.406	0.082	-0.225	-0.492
8281	82.80	-0.719	-0.921	-1.116	-1.314	-1.508	-1.681	-1.815	-1.907	-1.966	-2.019
8291	82.90	-2.088	-2.189	-2.317	-2.451	-2.562	-2.627	-2.633	-2.584	-2.493	-2.377
8301	83.00	-2.252	-2.129	-2.015	-1.916	-1.837	-1.780	-1.743	-1.715	-1.679	-1.614
8311	83.10	-1.504	-1.344	-1.140	-0.912	-0.687	-0.493	-0.352	-0.277	-0.265	-0.299
8321	83.20	-0.351	-0.391	-0.390	-0.337	-0.255	-0.109	0.009	0.093	0.133	0.144
8331	83.30	0.160	0.220	0.347	0.535	0.748	0.932	1.039	1.047	0.971	0.855
8341	83.40	0.756	0.713	0.732	0.788	0.836	0.837	0.776	0.668	0.549	0.449
8351	83.50	0.384	0.336	0.275	0.168	0.008	-0.183	-0.361	-0.476	-0.501	-0.441
8361	83.60	-0.333	-0.226	-0.161	-0.153	-0.188	-0.239	-0.276	-0.292	-0.298	-0.318
8371	83.70	-0.374	-0.469	-0.587	-0.696	-0.764	-0.774	-0.730	-0.649	-0.553	-0.457
8381	83.80	-0.361	-0.257	-0.132	0.019	0.191	0.370	0.540	0.692	0.820	0.923
8391	83.90	1.000	1.047	1.059	1.036	0.986	0.931	0.900	0.920	1.003	1.144
8401	84.00	1.319	1.494	1.638	1.728	1.759	1.734	1.669	1.581	1.493	1.427
8411	84.10	1.407	1.469	1.554	1.700	1.866	1.944	1.953	1.860	1.692	1.503
8421	84.20	1.356	1.298	1.337	1.437	1.538	1.582	1.539	1.418	1.266	1.131
8431	84.30	1.059	1.056	1.095	1.139	1.158	1.147	1.124	1.120	1.148	1.198
8441	84.40	1.232	1.202	1.081	0.874	0.625	0.397	0.242	0.183	0.198	0.237
8451	84.50	0.248	0.203	0.107	-0.005	-0.092	-0.133	-0.136	-0.139	-0.185	-0.300
8461	84.60	-0.479	-0.684	-0.870	-1.007	-1.096	-1.168	-1.271	-1.438	-1.673	-1.944
8471	84.70	-2.196	-2.381	-2.476	-2.483	-2.443	-2.394	-2.358	-2.331	-2.291	-2.210
8481	84.80	-2.076	-1.900	-1.711	-1.538	-1.394	-1.264	-1.113	-0.905	-0.623	-0.286
8491	84.90	0.056	0.330	0.488	0.507	0.410	0.258	0.124	0.071	0.130	0.294

Table 7—34—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1127 S01-GR-1-124 HA. (HA.) FUTTSU CAPE MAX. ACC. = -37.285 (GAL) T= 11.66 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8501	85.00	0.531	0.791	1.034	1.232	1.379	1.477	1.537	1.563	1.555	1.507
8511	85.10	1.413	1.273	1.095	0.895	0.693	0.507	0.351	0.222	0.109	-0.010
8521	85.20	-0.158	-0.349	-0.579	-0.828	-1.060	-1.242	-1.351	-1.386	-1.368	-1.334
8531	85.30	-1.320	-1.346	-1.412	-1.498	-1.577	-1.630	-1.655	-1.668	-1.695	-1.752
8541	85.40	-1.843	-1.943	-2.028	-2.071	-2.063	-2.017	-1.966	-1.938	-1.948	-1.982
8551	85.50	-2.004	-1.967	-1.838	-1.612	-1.317	-1.007	-0.761	-0.559	-0.472	-0.455
8561	85.60	-0.460	-0.438	-0.355	-0.204	-0.008	0.192	0.351	0.435	0.434	0.363
8571	85.70	0.258	0.168	0.134	0.185	0.323	0.525	0.750	0.954	1.101	1.178
8581	85.80	1.202	1.211	1.249	1.348	1.512	1.714	1.902	2.023	2.038	1.943
8591	85.90	1.767	1.561	1.376	1.242	1.152	1.071	0.950	0.751	0.468	0.133
8601	86.00	-0.191	-0.438	-0.561	-0.550	-0.442	-0.298	-0.189	-0.163	-0.233	-0.376
8611	86.10	-0.543	-0.682	-0.756	-0.756	-0.701	-0.626	-0.564	-0.538	-0.549	-0.582
8621	86.20	-0.609	-0.606	-0.557	-0.456	-0.308	-0.126	0.072	0.268	0.443	0.582
8631	86.30	0.671	0.709	0.701	0.666	0.631	0.620	0.652	0.728	0.835	0.948
8641	86.40	1.038	1.085	1.081	1.030	0.950	0.859	0.775	0.705	0.650	0.606
8651	86.50	0.567	0.528	0.487	0.444	0.399	0.352	0.305	0.260	0.222	0.196
8661	86.60	0.185	0.190	0.207	0.228	0.246	0.254	0.253	0.245	0.237	0.232
8671	86.70	0.228	0.219	0.198	0.158	0.097	0.023	-0.053	-0.117	-0.159	-0.175
8681	86.80	-0.167	-0.167	-0.124	-0.108	-0.102	-0.105	-0.112	-0.118	-0.121	-0.119
8691	86.90	-0.116	-0.114	-0.115	-0.118	-0.122	-0.123	-0.121	-0.117	-0.115	-0.118
8701	87.00	-0.124	-0.133	-0.138	-0.135	-0.123	-0.109	-0.105	-0.123	-0.176	-0.262
8711	87.10	-0.369	-0.476	-0.559	-0.600	-0.592	-0.544	-0.475	-0.405	-0.344	-0.294
8721	87.20	-0.243	-0.176	-0.083	0.034	0.165	0.293	0.401	0.484	0.542	0.584
8731	87.30	0.614	0.631	0.626	0.589	0.515	0.409	0.291	0.186	0.114	0.084
8741	87.40	0.088	0.111	0.133	0.147	0.152	0.158	0.174	0.196	0.216	0.216
8751	87.50	0.191	0.145	0.104	0.094	0.133	0.212	0.290	0.313	0.233	0.035
8761	87.60	-0.248	-0.540	-0.751	-0.811	-0.701	-0.462	-0.180	0.047	0.151	0.118
8771	87.70	-0.013	-0.168	-0.274	-0.292	-0.251	-0.136	-0.064	-0.053	-0.106	-0.187
8781	87.80	-0.265	-0.240	-0.158	-0.021	0.127	0.243	0.302	0.311	0.299	0.299
8791	87.90	0.332	0.399	0.477	0.537	0.559	0.560	0.498	0.458	0.461	0.451
8801	88.00	0.475	0.490	0.476	0.420	0.337	0.242	0.155	0.087	0.035	-0.015
8811	88.10	-0.076	-0.154	-0.239	-0.312	-0.350	-0.342	-0.290	-0.215	-0.150	-0.124
8821	88.20	-0.157	-0.246	-0.373	-0.510	-0.625	-0.697	-0.719	-0.697	-0.666	-0.587
8831	88.30	-0.535	-0.503	-0.499	-0.528	-0.593	-0.697	-0.838	-1.007	-1.181	-1.329
8841	88.40	-1.418	-1.424	-1.339	-1.180	-0.986	-0.802	-0.666	-0.593	-0.569	-0.552
8851	88.50	-0.498	-0.370	-0.166	0.085	0.327	0.503	0.577	0.545	0.440	0.312
8861	88.60	0.208	0.156	0.155	0.183	0.216	0.242	0.269	0.319	0.417	0.568
8871	88.70	0.755	0.943	1.096	1.192	1.245	1.287	1.356	1.476	1.636	1.796
8881	88.80	1.907	1.929	1.862	1.762	1.628	1.573	1.596	1.687	1.716	1.666
8891	88.90	1.464	1.110	0.658	0.198	-0.181	-0.423	-0.531	-0.553	-0.564	-0.635
8901	89.00	-0.799	-1.049	-1.346	-1.628	-1.861	-2.025	-2.129	-2.200	-2.261	-2.327
8911	89.10	-2.394	-2.449	-2.476	-2.466	-2.416	-2.340	-2.249	-2.150	-2.048	-1.942
8921	89.20	-1.826	-1.698	-1.554	-1.393	-1.215	-1.020	-0.814	-0.602	-0.397	-0.214
8931	89.30	-0.062	0.055	0.142	0.212	0.279	0.356	0.446	0.543	0.640	0.727
8941	89.40	0.805	0.877	0.949	1.023	1.089	1.128	1.120	1.050	0.923	0.764
8951	89.50	0.610	0.498	0.452	0.471	0.529	0.589	0.620	0.609	0.565	0.514
8961	89.60	0.482	0.480	0.496	0.499	0.458	0.358	0.212	0.057	-0.060	-0.106
8971	89.70	-0.075	0.005	0.086	0.124	0.098	0.023	-0.066	-0.117	-0.111	-0.047
8981	89.80	0.044	0.127	0.179	0.207	0.241	0.312	0.432	0.572	0.671	0.658
8991	89.90	0.495	0.196	-0.160	-0.458	-0.590	-0.497	-0.201	0.202	0.584	0.829

Table 7—35—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.610 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-3.666	-3.378	-2.871	-2.145	-1.450	-1.006	-0.927	-1.185	-1.625	-2.024
11	0.10	-2.176	-1.971	-1.446	-0.773	-0.196	0.071	-0.062	-0.509	-0.987	-1.191
21	0.20	-0.846	0.130	1.562	3.055	4.113	4.318	3.486	1.744	-0.480	-2.616
31	0.30	-4.123	-4.670	-4.222	-3.033	-1.525	-0.138	0.820	1.248	1.242	1.015
41	0.40	0.768	0.700	0.742	0.877	0.899	0.703	0.242	-0.438	-1.215	-1.930
51	0.50	-2.434	-2.626	-2.672	-2.693	-1.310	-0.514	0.847	0.850	1.207	1.278
61	0.60	1.082	0.688	0.196	-0.292	-0.696	-0.979	-1.143	-1.220	-1.252	-1.268
71	0.70	-1.285	-1.306	-1.340	-1.408	-1.562	-1.765	-2.063	-2.363	-2.535	-2.424
81	0.80	-1.909	-0.965	0.299	1.648	2.786	3.459	3.565	3.112	2.394	1.702
91	0.90	1.295	1.270	1.521	1.789	1.786	1.336	0.487	-0.480	-1.163	-1.192
101	1.00	-0.400	1.083	2.858	4.390	5.209	5.075	4.065	2.528	0.936	-0.294
111	1.10	-0.952	-1.083	-0.927	-0.791	-0.891	-1.264	-1.753	-2.086	-2.004	-1.375
121	1.20	-0.257	1.120	2.437	3.395	3.809	3.656	3.054	2.203	1.306	0.508
131	1.30	-0.133	-0.626	-1.004	-1.283	-1.433	-1.388	-1.093	-0.546	0.154	0.819
141	1.40	1.215	1.145	0.533	-0.529	-1.796	-2.945	-3.691	-3.891	-3.593	-3.002
151	1.50	-2.380	-1.918	-1.653	-1.458	-1.430	-0.522	0.338	1.209	1.730	1.585
161	1.60	0.689	-0.709	-2.074	-2.780	-2.386	-0.856	1.364	3.482	4.667	4.390
171	1.70	2.667	0.084	-2.429	-3.966	-4.016	-2.677	-0.595	1.313	2.265	1.945
181	1.80	0.626	-0.971	-2.011	-1.928	-0.671	1.274	3.108	4.075	3.788	2.385
191	1.90	0.454	-1.229	-2.029	-1.698	-0.448	1.178	2.569	3.205	3.005	2.136
201	2.00	0.982	-0.059	-0.728	-0.969	-0.894	-0.686	-0.500	-0.398	-0.357	-0.310
211	2.10	-0.197	-0.010	0.213	0.401	0.478	0.388	0.096	-0.396	-1.052	-1.783
221	2.20	-2.453	-2.893	-2.954	-2.571	-1.808	-0.874	-0.065	0.330	0.148	-0.575
231	2.30	-1.598	-2.560	-3.108	-3.027	-2.319	-1.182	0.072	1.145	1.858	2.194
241	2.40	2.261	2.217	2.172	2.146	2.065	1.822	1.341	0.631	-0.206	-1.005
251	2.50	-1.597	-1.836	-1.732	-1.249	-0.487	0.445	1.420	2.307	2.979	3.330
261	2.60	3.302	2.907	2.240	1.457	0.734	0.206	-0.027	-0.165	-0.179	-0.256
271	2.70	-0.476	-0.827	-1.200	-1.442	-1.419	-1.087	-0.518	0.118	0.619	0.826
281	2.80	0.678	0.246	-0.313	-0.817	-1.129	-1.203	-1.089	-0.893	-0.720	-0.624
291	2.90	-0.585	-0.535	-0.405	-0.172	0.115	0.352	0.428	0.282	-0.053	-0.460
301	3.00	-0.781	-0.887	-0.737	-0.394	-0.003	0.284	0.372	0.261	0.042	-0.162
311	3.10	-0.261	-0.247	-0.197	-0.224	-0.407	-0.733	-1.089	-1.297	-1.202	-0.749
321	3.20	-0.018	0.795	1.453	1.776	1.706	1.330	0.833	0.416	0.211	0.236
331	3.30	0.399	0.552	0.563	0.379	0.039	-0.347	-0.654	-0.799	-0.775	-0.668
341	3.40	-0.526	-0.500	-0.605	-0.800	-0.984	-1.045	-0.907	-0.578	-0.149	0.232
351	3.50	0.425	0.362	0.091	-0.251	-0.387	-0.190	0.436	1.403	2.485	3.383
361	3.60	3.845	3.756	3.183	2.346	1.525	0.950	0.714	0.748	0.867	0.862
371	3.70	0.597	0.066	-0.609	-1.228	-1.602	-1.617	-1.278	-0.699	-0.063	0.434
381	3.80	0.638	0.476	-0.026	-0.745	-1.490	-2.051	-2.267	-2.086	-1.600	-1.023
391	3.90	-0.622	-0.604	-1.019	-1.721	-2.401	-2.716	-2.432	-1.535	-0.251	1.041
401	4.00	1.965	2.308	2.096	1.565	1.038	0.768	0.834	1.123	1.420	1.532
411	4.10	1.388	1.054	0.675	0.361	0.120	-0.142	-0.543	-1.105	-1.698	-2.062
421	4.20	-1.934	-1.209	-0.042	1.172	1.946	1.925	1.059	-0.340	-1.728	-2.558
431	4.30	-2.525	-1.701	-0.491	0.561	1.029	0.790	0.062	-0.726	-1.158	-1.036
441	4.40	-0.463	0.227	0.647	0.561	-0.009	-0.795	-1.422	-1.584	-1.178	-0.333
451	4.50	0.667	1.518	2.018	2.125	1.928	1.578	1.197	0.846	0.495	0.123
461	4.60	-0.305	-0.782	-1.279	-1.752	-1.947	-2.484	-2.652	-2.599	-2.255	-1.590
471	4.70	-0.656	0.395	1.369	2.002	2.243	2.111	1.777	1.471	1.375	1.511
481	4.80	1.762	1.889	1.665	0.983	-0.078	-1.283	-2.336	-3.001	-3.195	-2.997
491	4.90	-2.593	-2.171	-1.834	-1.564	-1.255	-0.788	-0.112	0.728	1.602	2.363

Table 7—35—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.907	3.208	3.300	3.234	3.028	2.650	2.053	1.231	0.265	-0.664
511	5.10	-1.336	-1.578	-1.351	-0.782	-0.118	0.374	0.536	0.383	0.096	-0.078
521	5.20	0.034	0.429	0.898	1.116	0.793	-0.171	-1.607	-3.122	-4.237	-4.589
531	5.30	-4.067	-2.856	-1.368	0.033	0.995	1.483	1.648	1.234	1.922	2.228
541	5.40	2.498	2.506	2.096	1.295	0.330	-0.459	-0.773	-0.504	0.207	1.022
551	5.50	1.548	1.509	0.858	-0.210	-1.358	-2.250	-2.688	-2.664	-2.331	-1.903
561	5.60	-1.546	-1.318	-1.173	-1.018	-0.783	-0.471	-0.144	0.111	0.242	0.252
571	5.70	0.195	0.140	0.129	0.167	0.240	0.346	0.515	0.805	1.255	1.834
581	5.80	2.424	2.838	2.895	2.505	1.723	0.745	-0.170	-0.806	-1.076	-1.055
591	5.90	-0.925	-0.880	-1.024	-1.329	-1.660	-1.855	-1.819	-1.571	-1.225	-0.917
601	6.00	-0.724	-0.614	-0.470	-0.167	0.345	0.995	1.612	2.012	2.087	1.868
611	6.10	1.494	1.137	0.897	0.743	0.535	0.116	-0.575	-1.431	-2.207	-2.625
621	6.20	-2.528	-1.976	-1.243	-0.698	-0.624	-1.066	-1.784	-2.347	-2.336	-1.527
631	6.30	-0.036	1.753	3.315	4.232	4.339	3.775	2.885	2.041	1.477	1.224
641	6.40	1.150	1.092	0.977	0.875	0.940	1.285	1.866	2.447	2.694	2.366
651	6.50	1.385	0.104	-0.975	-1.322	-0.646	0.930	2.874	4.431	4.923	4.029
661	6.60	1.933	-0.747	-3.192	-4.706	-4.966	-4.118	-2.676	-1.282	-0.442	-0.342
671	6.70	-0.826	-1.518	-2.017	-2.090	-1.751	-1.226	-0.819	-0.756	-1.078	-1.633
681	6.80	-2.152	-2.383	-2.199	-1.651	-0.933	-0.290	0.088	0.143	-0.042	-0.292
691	6.90	-0.422	-0.317	0.028	0.513	0.992	1.326	1.443	1.349	1.115	0.835
701	7.00	0.587	0.408	0.288	0.191	0.076	-0.078	-0.272	-0.481	-0.676	-0.829
711	7.10	-0.923	-0.955	-0.937	-0.889	-0.845	-0.840	-0.904	-1.048	-1.248	-1.449
721	7.20	-1.566	-1.517	-1.251	-0.772	-0.150	0.500	1.053	1.415	1.553	1.503
731	7.30	1.344	1.167	1.035	0.966	0.938	0.908	0.864	0.742	0.625	0.530
741	7.40	0.485	0.495	0.533	0.561	0.541	0.457	0.318	0.151	-0.014	-0.153
751	7.50	-0.260	-0.361	-0.412	-0.491	-0.590	-0.718	-0.874	-1.055	-1.235	-1.392
761	7.60	-1.489	-1.499	-1.416	-1.259	-1.072	-0.901	-0.780	-0.706	-0.643	-0.639
771	7.70	-0.354	-0.085	0.221	0.486	0.628	0.605	0.430	0.168	-0.094	-0.284
781	7.80	-0.379	-0.402	-0.400	-0.402	-0.388	-0.286	-0.001	0.534	1.311	2.226
791	7.90	3.104	3.753	4.042	3.949	3.577	3.109	2.736	2.569	2.601	2.693
801	8.00	2.636	2.233	1.395	0.188	-1.166	-2.358	-3.095	-3.199	-2.684	-1.756
811	8.10	-0.745	0.006	0.255	-0.033	-0.697	-1.428	-1.898	-1.890	-1.385	-0.578
821	8.20	0.203	0.626	0.498	-0.148	-1.057	-1.860	-2.130	-1.718	-0.645	0.811
831	8.30	2.237	3.234	3.558	3.197	2.362	1.393	0.928	0.288	0.411	0.858
841	8.40	1.387	1.745	1.758	1.374	0.667	-0.217	-1.106	-1.855	-2.377	-2.644
851	8.50	-2.677	-2.520	-2.230	-1.864	-1.476	-1.120	-0.842	-0.679	-0.648	-0.742
861	8.60	-0.927	-1.146	-1.332	-1.415	-1.344	-1.099	-0.708	-0.252	0.140	0.316
871	8.70	0.141	-0.460	-1.457	-2.696	-3.914	-4.793	-5.044	-4.491	-3.138	-1.192
881	8.80	0.985	2.955	4.322	4.838	4.468	3.394	1.957	0.560	-0.447	-0.857
891	8.90	-0.648	0.030	0.919	1.743	2.297	2.495	2.386	2.106	1.809	1.597
901	9.00	1.474	1.366	1.072	0.534	-0.289	-1.296	-2.282	-3.014	-3.316	-3.144
911	9.10	-2.603	-1.903	-1.276	-0.877	-0.736	-0.758	-0.786	-0.689	-0.429	-0.073
921	9.20	0.254	0.444	0.481	0.458	0.531	0.830	1.364	1.992	2.460	2.511
931	9.30	2.612	1.041	-0.116	-1.062	-1.434	-1.051	0.013	1.463	2.895	3.947
941	9.40	4.620	4.320	3.816	3.131	2.439	1.795	1.136	0.366	-0.663	-1.886
951	9.50	-3.211	-4.453	-5.423	-5.991	-6.123	-5.877	-5.367	-4.712	-4.000	-3.265
961	9.60	-2.499	-1.666	-0.734	0.309	1.410	2.599	3.692	4.609	5.236	5.484
971	9.70	5.313	4.749	3.890	2.886	1.918	1.165	0.622	0.549	0.713	1.065
981	9.80	1.469	1.800	1.976	1.970	1.820	1.603	1.415	1.332	1.384	1.540
991	9.90	1.712	1.769	1.584	1.067	0.211	-0.892	-2.057	-3.042	-3.610	-3.611

Table 7—35—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-3.044	-2.098	-1.126	-0.564	-0.803	-2.047	-4.205	-6.876	-9.434	-11.202
1011	10.10	-11.676	-10.693	-8.512	-5.729	-3.085	-1.205	-0.385	-0.506	-1.098	-1.550
1021	10.20	-1.352	-0.300	1.445	3.436	5.140	6.145	6.315	5.810	4.993	4.264
1031	10.30	5.906	5.996	6.420	6.957	5.395	5.416	5.623	5.507	5.388	5.350
1041	10.40	5.413	5.537	5.654	5.699	5.633	5.439	5.120	4.673	4.087	3.336
1051	10.50	2.385	1.199	-0.242	-1.917	-3.750	-5.589	-7.218	-8.397	-8.926	-8.720
1061	10.60	-7.859	-6.591	-5.272	-4.261	-3.800	-3.941	-4.529	-5.264	-5.814	-5.926
1071	10.70	-5.498	-4.590	-3.371	-2.047	-0.787	0.307	1.186	1.843	2.260	2.429
1081	10.80	2.357	2.092	1.735	1.419	1.263	1.330	1.595	1.963	2.309	2.538
1091	10.90	2.626	2.623	2.622	2.694	2.843	2.988	2.992	2.715	2.086	1.143
1101	11.00	0.030	-1.038	-1.845	-2.237	-2.161	-1.668	-0.893	-0.007	0.824	1.466
1111	11.10	1.836	1.903	1.683	1.240	0.675	0.111	-0.328	-0.559	-0.563	-0.409
1121	11.20	-0.237	-0.214	-0.465	-1.016	-1.758	-2.456	-2.845	-2.705	-1.971	-0.780
1131	11.30	0.558	1.649	2.152	1.889	0.906	-0.553	-2.148	-3.565	-4.614	-5.262
1141	11.40	-5.581	-5.662	-5.525	-5.083	-4.186	-2.724	-0.731	1.550	3.698	5.230
1151	11.50	5.763	5.155	3.569	1.425	-0.738	-2.438	-3.398	-3.610	-3.298	-2.806
1161	11.60	-2.450	-2.411	-2.688	-3.124	-3.497	-3.611	-3.366	-2.771	-1.915	-0.899
1171	11.70	0.216	1.432	2.794	4.329	5.988	7.608	8.928	9.661	9.588	8.652
1181	11.80	6.998	4.946	2.900	1.225	0.141	-0.327	-0.317	-0.050	0.281	0.579
1191	11.90	0.856	1.187	1.622	2.127	2.559	2.720	2.432	1.629	0.389	-1.083
1201	12.00	-2.532	-3.735	-4.564	-5.002	-5.110	-4.969	-4.649	-4.186	-3.608	-2.955
1211	12.10	-2.281	-1.636	-1.020	-0.351	0.524	1.773	3.485	5.583	7.790	9.677
1221	12.20	10.777	10.740	9.452	7.089	4.069	0.927	-1.833	-3.874	-5.089	-5.591
1231	12.30	-5.440	-5.560	-5.554	-5.817	-6.422	-7.234	-8.125	-8.922	-9.458	-9.606
1241	12.40	-9.290	-8.493	-7.245	-5.610	-3.672	-1.524	0.727	2.952	4.999	6.684
1251	12.50	7.819	8.242	7.863	6.709	4.943	2.868	0.876	-0.617	-1.270	-0.900
1261	12.60	0.448	2.500	4.806	6.848	8.188	8.580	8.039	6.803	5.233	3.660
1271	12.70	2.259	1.007	-0.271	-1.763	-3.528	-5.406	-7.035	-7.981	-7.912	-6.755
1281	12.80	-4.746	-2.359	-0.130	1.524	2.444	2.733	2.665	2.535	2.521	2.640
1291	12.90	2.777	2.785	2.574	2.155	1.612	1.039	0.482	-0.085	-0.728	-1.500
1301	13.00	-2.407	-3.407	-4.456	-5.545	-6.715	-8.000	-9.356	-10.585	-11.348	-11.263
1311	13.10	-10.063	-7.754	-4.674	-1.425	1.330	3.101	3.748	3.519	2.925	2.514
1321	13.20	2.650	3.385	4.479	5.540	6.215	6.334	5.952	5.294	4.629	4.168
1331	13.30	4.000	4.101	4.378	4.709	4.968	5.025	4.764	4.120	3.143	2.035
1341	13.40	1.127	0.787	1.230	2.574	3.783	4.763	4.603	2.902	-0.251	-4.197
1351	13.50	-7.921	-10.401	-10.999	-9.695	-7.098	-4.192	-1.954	-0.978	-1.288	-2.375
1361	13.60	-3.465	-3.852	-3.189	-1.595	0.439	2.270	3.370	3.506	2.771	1.501
1371	13.70	0.109	-1.068	-1.855	-2.252	-2.275	-2.080	-1.714	-1.209	-0.587	0.103
1381	13.80	0.785	1.366	1.783	2.036	2.193	2.368	2.661	3.100	3.612	4.023
1391	13.90	4.122	3.731	2.793	1.408	-0.167	-1.589	-2.527	-2.766	-2.286	-1.268
1401	14.00	-0.044	1.005	1.566	1.488	0.814	-0.245	-1.393	-2.345	-2.908	-3.018
1411	14.10	-2.725	-2.151	-1.430	-0.675	0.036	0.638	1.063	1.224	1.034	0.437
1421	14.20	-0.551	-1.817	-3.163	-4.356	-5.177	-5.516	-5.378	-4.897	-4.270	-3.683
1431	14.30	-3.233	-2.883	-2.477	-1.796	-0.658	0.989	3.016	5.122	6.909	8.008
1441	14.40	8.201	7.505	6.175	4.636	3.361	2.433	2.630	3.193	3.977	4.548
1451	14.50	4.523	3.689	2.063	-0.116	-2.458	-4.524	-5.933	-6.643	-5.995	-4.717
1461	14.60	-2.901	-0.941	0.743	1.796	2.012	1.398	0.181	-1.237	-2.390	-2.895
1471	14.70	-2.586	-1.586	-0.287	0.765	1.061	0.317	-1.406	-3.694	-5.906	-7.386
1481	14.80	-7.684	-6.709	-4.756	-2.382	-0.204	1.326	2.059	2.170	2.031	2.027
1491	14.90	2.367	2.995	3.618	3.854	3.412	2.250	0.617	-1.019	-2.134	-2.336

Table 7—35—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-1.497	0.214	2.399	4.572	6.315	7.388	7.768	7.616	7.194	6.772
1511	15.10	6.546	6.596	6.879	7.257	7.547	7.580	7.247	6.528	5.487	4.234
1521	15.20	2.870	1.437	-0.100	-1.828	-3.822	-6.070	-8.434	-10.655	-12.437	-13.546
1531	15.30	-13.898	-13.611	-12.940	-12.177	-11.532	-11.047	-10.595	-9.953	-8.911	-7.379
1541	15.40	-5.427	-3.261	-1.147	0.680	2.077	3.006	3.516	3.703	3.681	3.570
1551	15.50	3.491	3.543	3.779	4.172	4.596	4.862	4.787	4.283	3.418	2.412
1561	15.60	1.558	1.105	1.164	1.583	2.191	2.722	3.041	3.182	3.318	3.641
1571	15.70	4.239	5.010	5.685	5.961	5.546	4.466	2.867	1.058	-0.651	-2.044
1581	15.80	-3.029	-3.588	-3.712	-3.351	-2.448	-1.026	0.731	2.459	3.709	4.122
1591	15.90	3.608	2.426	1.113	0.261	0.256	1.083	2.310	3.257	3.291	2.090
1601	16.00	-0.214	-3.105	-5.900	-8.025	-9.210	-9.536	-9.324	-8.940	-8.627	-8.422
1611	16.10	-8.198	-7.772	-7.010	-5.886	-4.459	-2.828	-1.079	0.712	2.459	4.026
1621	16.20	5.234	5.909	5.957	5.611	4.424	3.190	1.851	0.437	-1.107	-2.818
1631	16.30	-4.596	-6.135	-6.977	-6.681	-5.038	-2.224	1.205	4.481	6.904	8.102
1641	16.40	8.153	7.509	6.759	6.347	6.381	6.615	6.606	5.967	4.578	2.660
1651	16.50	0.682	-0.844	-1.525	-1.459	-0.718	0.279	1.182	1.779	2.029	2.011
1661	16.60	1.841	1.604	1.344	1.076	0.823	0.608	0.426	0.205	-0.198	-0.963
1671	16.70	-2.112	-3.615	-5.161	-6.324	-6.706	-6.097	-4.623	-2.712	-0.974	0.025
1681	16.80	-0.034	-1.104	-2.813	-4.609	-5.975	-6.589	-6.603	-5.593	-4.439	-3.201
1691	16.90	-2.025	-0.943	0.085	1.097	2.085	2.989	3.726	4.246	4.546	4.673
1701	17.00	4.689	4.631	4.495	4.243	3.844	3.305	2.697	2.138	1.755	1.634
1711	17.10	1.782	2.120	2.514	2.822	2.945	2.851	2.577	2.192	1.755	1.283
1721	17.20	0.746	0.091	-0.713	-1.636	-2.571	-3.358	-3.835	-3.904	-3.569	-2.960
1731	17.30	-2.187	-1.469	-0.869	-0.365	0.157	0.763	1.488	2.293	2.976	3.521
1741	17.40	3.174	2.524	1.512	0.586	-0.603	-1.308	-1.764	-2.066	-2.489	-3.176
1751	17.50	-4.156	-5.301	-6.385	-7.180	-7.543	-7.465	-7.036	-6.375	-5.562	-4.502
1761	17.60	-3.149	-1.391	0.755	3.098	5.300	6.966	7.780	7.445	6.718	5.370
1771	17.70	4.052	3.130	2.760	2.846	3.109	3.225	2.977	2.347	1.512	0.743
1781	17.80	0.256	0.083	0.036	-0.221	-1.019	-2.507	-4.545	-6.719	-8.475	-9.330
1791	17.90	-9.055	-7.768	-5.879	-3.927	-2.366	-1.609	-0.984	-0.826	-0.629	-0.210
1801	18.00	0.620	1.092	1.587	1.820	1.807	1.768	1.867	2.297	3.002	3.703
1811	18.10	4.117	4.489	4.576	4.203	3.775	3.470	3.351	3.355	3.368	3.221
1821	18.20	2.956	2.626	2.340	2.159	2.047	1.892	1.586	1.109	0.576	0.187
1831	18.30	0.120	0.408	0.893	1.284	1.312	0.895	0.251	-0.262	-0.136	0.839
1841	18.40	2.503	4.305	5.494	5.431	3.885	1.159	-1.983	-4.624	-6.038	-5.972
1851	18.50	-4.711	-2.929	-1.387	-0.625	-0.781	-1.596	-2.594	-3.320	-3.560	-3.298
1861	18.60	-2.845	-2.478	-2.391	-2.599	-2.969	-3.320	-3.534	-3.610	-3.648	-3.778
1871	18.70	-4.066	-4.468	-4.833	-4.965	-4.698	-3.963	-2.810	-1.390	0.084	1.386
1881	18.80	2.312	2.718	2.537	1.805	0.670	-0.621	-1.765	-2.484	-2.603	-2.114
1891	18.90	-1.183	-0.094	0.858	1.475	1.727	1.750	1.763	1.957	2.382	2.901
1901	19.00	3.238	3.092	2.286	0.871	-0.867	-2.396	-3.289	-3.208	-2.117	-0.290
1911	19.10	1.787	3.580	4.691	4.980	4.586	3.842	3.128	2.720	2.686	2.891
1921	19.20	3.076	2.979	2.472	1.603	0.588	-0.279	-0.240	-0.670	-0.125	0.683
1931	19.30	1.657	1.921	1.909	1.616	0.598	-0.281	-0.934	-1.143	-0.831	-0.088
1941	19.40	0.856	1.717	2.252	2.356	2.103	1.709	1.441	1.492	1.877	2.412
1951	19.50	2.769	2.619	1.776	0.299	-1.506	-3.194	-4.344	-4.721	-4.355	-3.516
1961	19.60	-2.584	-1.869	-1.587	-1.625	-1.805	-1.900	-1.776	-1.444	-1.032	-0.719
1971	19.70	-0.593	-0.446	-0.764	-0.801	-0.461	-0.351	0.026	0.331	0.461	0.403
1981	19.80	0.232	0.068	0.011	0.101	0.313	0.588	0.882	1.198	1.573	2.048
1991	19.90	2.622	3.234	3.780	4.165	4.366	4.359	4.291	4.228	4.191	4.108

Table 7—35—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.835	3.221	2.181	0.749	-0.928	-2.634	-4.168	-5.405	-6.322	-6.983
2011	20.10	-7.482	-7.897	-8.254	-8.528	-8.666	-8.613	-8.328	-7.792	-7.000	-5.973
2021	20.20	-4.759	-3.450	-2.168	-1.044	-0.160	0.487	1.000	1.539	2.246	3.151
2031	20.30	6.124	4.890	5.128	4.606	3.296	1.414	-0.633	-2.381	-3.464	-3.721
2041	20.40	-3.213	-2.151	-0.781	0.719	2.282	3.911	5.605	7.289	8.800	9.939
2051	20.50	10.556	10.624	10.245	9.587	8.780	7.834	6.623	4.963	2.749	0.072
2061	20.60	-2.735	-5.175	-6.754	-7.176	-6.672	-5.002	-3.328	-1.998	-1.350	-1.404
2071	20.70	-1.888	-2.382	-2.509	-2.089	-1.196	-0.103	0.865	1.377	1.386	0.965
2081	20.80	0.248	-0.684	-1.083	-1.469	-1.649	-1.675	-1.601	-1.462	-1.274	-1.046
2091	20.90	-0.795	-0.544	-0.315	-0.112	0.085	0.311	0.600	0.956	1.344	1.692
2101	21.00	1.904	1.894	1.605	1.030	0.215	-0.751	-1.754	-2.677	-3.427	-3.953
2111	21.10	-4.254	-4.374	-4.379	-4.327	-4.244	-4.112	-3.888	-3.541	-3.086	-2.609
2121	21.20	-2.241	-2.110	-2.266	-2.630	-2.994	-3.084	-2.664	-1.652	-0.180	1.429
2131	21.30	2.767	3.491	3.465	2.816	1.889	1.113	0.836	1.186	2.044	3.102
2141	21.40	4.000	4.476	4.449	4.023	3.407	2.801	2.305	1.895	1.458	0.881
2151	21.50	0.118	-0.773	-1.659	-2.393	-2.872	-3.067	-3.001	-2.707	-2.185	-1.396
2161	21.60	-0.293	1.123	2.760	4.439	5.948	7.128	7.943	8.497	8.987	9.592
2171	21.70	10.373	11.204	11.800	11.809	10.956	9.141	6.504	3.359	0.094	-2.962
2181	21.80	-5.624	-7.869	-9.782	-11.462	-12.937	-14.128	-14.875	-15.010	-14.439	-13.199
2191	21.90	-11.463	-9.495	-7.573	-5.919	-4.653	-3.783	-3.235	-2.896	-2.653	-2.613
2201	22.00	-2.098	-1.637	-0.952	0.036	1.382	3.083	5.040	7.055	8.659	10.177
2211	22.10	10.815	10.730	10.065	9.113	8.225	7.690	7.618	7.893	8.203	8.145
2221	22.20	7.377	5.747	3.360	0.554	-2.211	-4.495	-6.012	-6.705	-6.730	-6.383
2231	22.30	-5.987	-5.787	-5.895	-6.275	-6.784	-7.232	-7.440	-7.292	-6.757	-5.891
2241	22.40	-4.820	-3.704	-2.695	-1.891	-1.312	-0.894	-0.524	-0.089	0.472	1.134
2251	22.50	1.792	2.325	2.610	2.620	2.418	2.129	1.887	1.777	1.804	1.903
2261	22.60	1.987	1.994	1.924	1.826	1.766	1.777	1.831	1.851	1.746	1.463
2271	22.70	1.031	0.548	0.147	-0.055	0.000	0.297	0.769	1.333	1.922	2.493
2281	22.80	3.011	3.432	3.691	3.718	3.469	2.962	2.285	1.569	0.942	0.473
2291	22.90	0.149	-0.104	-0.377	-0.716	-1.089	-1.403	-1.560	-1.521	-1.353	-1.219
2301	23.00	-1.315	-1.781	-2.629	-3.722	-4.816	-5.650	-6.041	-5.948	-5.474	-4.811
2311	23.10	-4.159	-3.651	-3.318	-3.093	-2.960	-2.508	-1.970	-1.243	-0.384	0.517
2321	23.20	1.355	2.032	2.479	2.668	2.622	2.419	2.175	2.019	2.047	2.289
2331	23.30	2.699	3.162	3.542	3.731	3.682	3.425	3.038	2.608	2.198	1.823
2341	23.40	1.470	1.119	0.779	0.493	0.326	0.326	0.497	0.784	1.091	1.318
2351	23.50	1.404	1.352	1.215	1.065	0.946	0.850	0.715	0.458	0.024	-0.581
2361	23.60	-1.279	-1.946	-2.461	-2.744	-2.777	-2.596	-2.250	-1.771	-1.154	-0.370
2371	23.70	0.596	1.713	2.882	3.966	4.831	5.409	5.724	5.889	6.042	6.276
2381	23.80	6.567	6.764	6.621	5.897	4.448	2.307	-0.310	-3.056	-5.558	-7.523
2391	23.90	-8.809	-9.446	-9.589	-9.445	-9.190	-8.924	-8.654	-8.333	-7.893	-7.293
2401	24.00	-6.538	-5.673	-4.761	-3.862	-3.013	-2.223	-1.480	-0.766	-0.070	0.604
2411	24.10	1.229	1.767	2.178	2.438	2.551	2.560	2.538	2.567	2.708	2.976
2421	24.20	3.332	3.691	3.961	4.081	4.052	3.932	3.811	3.759	3.781	3.803
2431	24.30	3.690	3.303	2.557	1.467	0.148	-1.223	-2.465	-3.651	-4.136	-4.537
2441	24.40	-4.719	-4.736	-4.610	-4.356	-3.983	-3.526	-3.054	-2.646	-2.353	-2.171
2451	24.50	-2.036	-1.853	-1.540	-1.074	-0.511	0.045	0.686	0.755	0.876	0.935
2461	24.60	1.048	1.291	1.673	2.134	2.587	2.968	3.272	3.549	3.863	4.253
2471	24.70	4.594	4.801	4.683	4.423	3.131	1.865	0.591	-0.407	-0.939	-0.925
2481	24.80	-0.657	-0.235	0.037	0.010	-0.313	-0.779	-1.165	-1.275	-1.026	-0.474
2491	24.90	0.212	0.829	1.222	1.344	1.262	1.111	1.032	1.104	1.318	1.586

Table 7—35—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.792	1.838	1.690	1.380	0.980	0.567	0.178	-0.201	-0.632	-1.193
2511	25.10	-1.941	-2.881	-3.947	-5.008	-5.887	-6.400	-6.406	-5.868	-4.794	-3.443
2521	25.20	-2.094	-1.077	-0.654	-0.931	-1.804	-2.978	-4.037	-4.678	-4.642	-3.980
2531	25.30	-2.937	-1.863	-1.071	-0.709	-0.718	-0.882	-0.947	-0.757	-0.322	0.199
2541	25.40	0.600	0.756	0.715	0.689	0.960	1.727	2.992	4.516	5.910	6.780
2551	25.50	6.895	6.283	5.213	4.085	3.264	2.974	3.227	3.878	4.710	5.533
2561	25.60	6.227	6.734	7.013	7.008	6.646	5.883	4.759	3.420	2.087	0.976
2571	25.70	0.198	-0.298	-0.706	-1.276	-2.189	-3.464	-4.930	-6.299	-7.278	-7.702
2581	25.80	-7.587	-7.117	-6.552	-6.111	-5.890	-5.846	-5.839	-5.714	-5.374	-4.813
2591	25.90	-4.102	-3.344	-2.627	-1.998	-1.462	-0.992	-0.546	-0.066	0.520	1.295
2601	26.00	2.327	3.653	5.135	6.651	7.925	8.698	8.800	8.211	7.083	5.691
2611	26.10	4.337	3.254	2.537	2.136	1.898	1.660	1.310	0.824	0.263	-0.280
2621	26.20	-0.725	-1.049	-1.286	-1.504	-1.767	-2.107	-2.508	-2.921	-3.281	-3.543
2631	26.30	-3.692	-3.750	-3.766	-3.785	-3.841	-3.924	-3.983	-3.939	-3.709	-3.242
2641	26.40	-2.548	-1.709	-0.866	-0.170	0.244	0.331	0.139	-0.201	-0.519	-0.683
2651	26.50	-0.554	-0.199	0.314	0.883	1.340	1.690	1.922	2.093	2.276	2.522
2661	26.60	2.842	3.205	3.556	3.847	4.056	4.195	4.301	4.416	4.553	4.685
2671	26.70	4.739	4.613	4.214	3.489	2.462	1.233	-0.038	-1.174	-2.032	-2.561
2681	26.80	-2.721	-2.664	-2.499	-2.342	-2.264	-2.280	-2.358	-2.451	-2.514	-2.526
2691	26.90	-2.478	-2.360	-2.152	-1.820	-1.332	-0.875	0.127	1.016	1.905	2.701
2701	27.00	3.320	3.695	3.772	3.513	2.898	1.944	0.724	-0.635	-1.961	-3.087
2711	27.10	-3.894	-4.356	-4.540	-4.573	-4.580	-4.626	-4.692	-4.690	-4.517	-4.320
2721	27.20	-3.526	-2.836	-2.167	-1.588	-1.072	-0.513	0.222	1.205	2.378	3.569
2731	27.30	4.446	4.823	4.559	3.917	2.521	1.224	0.246	-0.420	-0.738	-0.837
2741	27.40	-0.884	-0.987	-1.152	-1.288	-1.266	-0.995	-0.476	0.190	0.836	1.303
2751	27.50	1.500	1.434	1.196	0.908	0.669	0.506	0.376	0.194	-0.111	-0.554
2761	27.60	-1.078	-1.575	-1.939	-2.318	-2.756	-2.179	-2.353	-2.812	-3.593	-4.606
2771	27.70	-5.654	-6.494	-6.920	-6.827	-6.244	-5.301	-4.179	-3.029	-1.932	-0.883
2781	27.80	0.178	1.511	2.535	3.608	5.036	6.116	6.973	7.583	7.970	8.185
2791	27.90	8.276	8.269	8.164	7.951	7.622	7.181	6.645	6.035	5.369	4.665
2801	28.00	3.945	3.245	2.609	2.082	1.680	1.377	1.165	0.966	0.278	-0.412
2811	28.10	-1.282	-2.285	-3.270	-4.215	-5.046	-5.747	-6.318	-6.755	-7.044	-7.166
2821	28.20	-7.117	-6.931	-6.678	-6.442	-6.287	-6.219	-6.177	-6.055	-5.743	-5.179
2831	28.30	-4.372	-3.401	-2.378	-1.398	-0.511	0.288	1.038	1.774	2.504	3.201
2841	28.40	3.823	4.332	4.714	4.974	5.122	5.149	5.021	4.695	4.165	3.392
2851	28.50	2.506	1.594	0.757	0.060	-0.480	-0.887	-1.183	-1.406	-1.500	-1.454
2861	28.60	-1.260	-0.963	-0.651	-0.409	-0.272	-0.183	-0.002	0.432	1.210	2.284
2871	28.70	3.445	4.390	4.830	4.621	3.832	2.729	1.670	0.963	0.744	0.931
2881	28.80	1.282	1.515	1.442	1.044	0.464	-0.085	-0.439	-0.579	-0.643	-0.859
2891	28.90	-1.428	-2.416	-3.703	-5.018	-6.037	-6.505	-6.523	-5.566	-4.436	-3.156
2901	29.00	-1.932	-0.869	0.065	0.964	1.779	2.560	3.566	4.684	4.660	5.153
2911	29.10	5.564	5.908	6.177	6.518	6.254	5.904	5.226	4.234	3.000	1.637
2921	29.20	0.270	-0.993	-2.073	-2.924	-3.527	-3.887	-4.036	-3.991	-3.844	-3.656
2931	29.30	-3.488	-3.370	-3.293	-3.267	-3.065	-2.751	-2.309	-1.751	-1.169	-0.580
2941	29.40	-0.113	0.233	0.478	0.668	0.846	1.032	1.211	1.349	1.414	1.397
2951	29.50	1.324	1.250	1.232	1.309	1.475	1.690	1.883	1.988	1.966	1.805
2961	29.60	1.539	1.204	0.836	0.447	0.029	-0.457	-0.955	-1.507	-2.042	-2.493
2971	29.70	-2.799	-2.928	-2.897	-2.764	-2.611	-2.510	-2.498	-2.558	-2.631	-2.638
2981	29.80	-2.516	-2.244	-1.846	-1.379	-0.902	-0.448	-0.011	0.438	0.928	1.449
2991	29.90	1.939	2.292	2.397	2.185	1.669	0.954	0.203	-0.416	-0.791	-0.908

Table 7—35—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.846	-0.743	-0.727	-0.868	-1.144	-1.459	-1.682	-1.708	-1.499	-1.088
3011	30.10	-0.562	-0.019	0.474	0.899	1.284	1.678	2.115	2.599	3.099	3.570
3021	30.20	3.969	4.282	4.519	4.703	4.852	4.960	4.994	4.905	4.654	4.231
3031	30.30	3.664	3.014	2.351	1.750	1.164	0.629	0.074	-0.549	-1.256	-2.021
3041	30.40	-2.775	-3.434	-3.951	-4.240	-4.384	-4.421	-4.412	-4.396	-4.367	-4.285
3051	30.50	-4.100	-3.749	-3.370	-2.913	-2.506	-2.227	-2.118	-2.122	-2.199	-2.254
3061	30.60	-2.227	-2.100	-1.897	-1.665	-1.447	-1.269	-1.134	-1.059	-0.994	-1.020
3071	30.70	-1.138	-1.347	-1.596	-1.787	-1.802	-1.547	-0.997	-0.224	0.623	1.364
3081	30.80	1.849	2.012	1.889	1.596	1.277	1.055	0.990	1.074	1.253	1.451
3091	30.90	1.606	1.677	1.648	1.519	1.303	1.023	0.719	0.434	0.211	0.071
3101	31.00	-0.000	-0.040	-0.094	-0.153	-0.280	-0.312	-0.188	0.159	0.731	1.457
3111	31.10	2.213	2.881	3.386	3.729	3.959	4.131	4.244	4.220	3.923	3.225
3121	31.20	2.080	0.579	-1.061	-2.561	-3.674	-4.276	-4.398	-4.199	-3.884	-3.615
3131	31.30	-3.453	-3.355	-3.219	-2.960	-2.557	-2.069	-1.595	-1.217	-0.950	-0.733
3141	31.40	-0.455	-0.015	0.635	1.463	2.379	3.276	4.075	4.746	5.297	5.714
3151	31.50	6.077	6.253	6.209	5.901	5.331	4.564	3.704	2.855	2.035	1.402
3161	31.60	0.767	0.127	-0.550	-1.252	-1.932	-2.560	-3.052	-3.494	-3.935	-4.448
3171	31.70	-5.074	-5.781	-6.469	-6.992	-7.211	-7.038	-6.471	-5.592	-4.537	-3.456
3181	31.80	-2.470	-1.643	-0.974	-0.413	0.118	0.694	1.356	2.102	2.881	3.610
3191	31.90	4.201	4.593	4.776	4.798	4.767	4.714	4.749	4.836	4.895	4.812
3201	32.00	4.501	3.947	3.229	2.501	1.927	1.618	1.576	1.693	1.790	1.696
3211	32.10	1.320	0.689	-0.067	-0.771	-1.282	-1.546	-1.619	-1.636	-1.748	-2.064
3221	32.20	-2.615	-3.353	-4.181	-4.993	-5.695	-6.222	-6.526	-6.568	-6.323	-5.791
3231	32.30	-5.014	-4.079	-3.098	-2.178	-1.375	-0.680	-0.028	0.667	1.460	2.347
3241	32.40	3.266	4.131	4.876	5.482	5.977	6.391	6.713	6.858	6.684	6.058
3251	32.50	4.933	3.409	1.724	0.188	-0.931	-1.516	-1.651	-1.582	-1.618	-1.994
3261	32.60	-2.777	-3.842	-4.936	-5.789	-6.226	-6.222	-5.894	-5.415	-4.927	-4.477
3271	32.70	-4.013	-3.430	-2.652	-1.684	-0.628	0.359	1.128	1.603	1.801	1.815
3281	32.80	1.761	1.724	1.730	1.745	1.711	1.586	1.371	1.110	0.867	0.699
3291	32.90	0.630	0.666	0.712	0.788	0.867	0.879	0.886	0.872	0.836	0.770
3301	33.00	0.669	0.535	0.382	0.231	0.102	0.011	-0.037	-0.038	0.007	0.096
3311	33.10	0.220	0.363	0.498	0.590	0.613	0.565	0.469	0.372	0.326	0.366
3321	33.20	0.490	0.660	0.817	0.904	0.897	0.810	0.694	0.610	0.603	0.683
3331	33.30	0.825	0.978	1.094	1.147	1.134	1.077	0.998	0.908	0.804	0.674
3341	33.40	0.508	0.318	0.134	-0.001	-0.053	-0.009	0.115	0.281	0.444	0.573
3351	33.50	0.652	0.680	0.659	0.578	0.411	0.126	-0.293	-0.829	-1.422	-1.982
3361	33.60	-2.413	-2.669	-2.677	-2.537	-2.303	-2.054	-1.838	-1.662	-1.497	-1.306
3371	33.70	-1.064	-0.781	-0.486	-0.213	0.030	0.273	0.568	0.969	1.489	2.082
3381	33.80	2.648	3.069	3.252	3.172	2.876	2.466	2.045	1.667	1.317	0.919
3391	33.90	0.380	-0.356	-1.266	-2.245	-3.147	-3.833	-4.236	-4.377	-4.353	-4.287
3401	34.00	-4.273	-4.332	-4.413	-4.421	-4.271	-3.930	-3.437	-2.884	-2.373	-1.973
3411	34.10	-1.686	-1.458	-1.197	-0.826	-0.310	0.326	1.018	1.691	2.292	2.809
3421	34.20	3.267	3.696	4.108	4.475	4.729	4.794	4.617	4.202	3.617	2.974
3431	34.30	2.393	1.950	1.656	1.453	1.243	0.942	0.523	0.030	-0.430	-0.735
3441	34.40	-0.801	-0.621	-0.265	0.147	0.500	0.726	0.828	0.862	0.897	0.966
3451	34.50	1.040	1.061	0.883	0.517	-0.028	-0.652	-1.219	-1.613	-1.788	-1.774
3461	34.60	-1.658	-1.536	-1.455	-1.411	-1.351	-1.219	-1.005	-0.763	-0.591	-0.591
3471	34.70	-0.807	-1.203	-1.668	-2.052	-2.276	-2.278	-2.119	-1.904	-1.734	-1.655
3481	34.80	-1.636	-1.579	-1.368	-0.918	-0.209	0.702	1.706	2.677	3.503	4.108
3491	34.90	4.456	4.548	4.414	4.102	3.675	3.199	2.729	2.295	1.893	1.497

Table 7—35—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.081	0.643	0.221	-0.110	-0.269	-0.210	0.048	0.412	0.741	0.897
3511	35.10	0.796	0.437	-0.105	-0.717	-1.298	-1.801	-2.241	-2.670	-3.143	-3.676
3521	35.20	-4.237	-4.758	-5.166	-5.416	-5.500	-5.446	-5.287	-5.046	-4.725	-4.313
3531	35.30	-3.807	-3.227	-2.617	-2.028	-1.484	-0.992	-0.511	0.016	0.632	1.348
3541	35.40	2.133	2.932	3.691	4.378	4.999	5.578	6.137	6.672	7.142	7.477
3551	35.50	7.596	7.439	6.982	6.242	5.276	4.161	2.991	1.857	0.845	0.028
3561	35.60	-0.554	-0.895	-1.029	-1.026	-0.966	-0.920	-0.924	-0.980	-1.061	-1.131
3571	35.70	-1.169	-1.179	-1.184	-1.215	-1.295	-1.426	-1.597	-1.785	-1.977	-2.164
3581	35.80	-2.343	-2.510	-2.653	-2.757	-2.816	-2.842	-2.868	-2.937	-3.079	-3.289
3591	35.90	-3.523	-3.709	-3.781	-3.711	-3.530	-3.314	-3.154	-3.103	-3.145	-3.186
3601	36.00	-3.090	-2.730	-2.048	-1.079	0.051	1.172	2.132	2.844	3.311	3.607
3611	36.10	3.837	4.086	4.388	4.719	5.016	5.215	5.286	5.238	5.135	5.044
3621	36.20	5.016	5.053	5.100	5.064	4.846	4.385	3.685	2.822	1.927	1.135
3631	36.30	0.536	0.137	-0.143	-0.441	-0.892	-1.564	-2.424	-3.337	-4.118	-4.604
3641	36.40	-4.716	-4.490	-4.061	-3.599	-3.244	-3.047	-2.972	-2.921	-2.801	-2.573
3651	36.50	-2.270	-1.976	-1.778	-1.713	-1.750	-1.801	-1.772	-1.609	-1.323	-0.981
3661	36.60	-0.666	-0.429	-0.256	-0.073	0.209	0.645	1.216	1.825	2.330	2.604
3671	36.70	2.584	2.302	1.870	1.440	1.146	1.067	1.204	1.497	1.856	2.179
3681	36.80	2.402	2.490	2.442	2.283	2.054	1.800	1.555	1.336	1.133	0.913
3691	36.90	0.631	0.252	-0.232	-0.795	-1.380	-1.923	-2.376	-2.721	-2.968	-3.139
3701	37.00	-3.240	-3.246	-3.112	-2.798	-2.303	-1.686	-1.061	-0.563	-0.294	-0.282
3711	37.10	-0.465	-0.717	-0.903	-0.935	-0.805	-0.577	-0.347	-0.184	-0.092	-0.003
3721	37.20	0.185	0.558	1.129	1.829	2.526	3.079	3.396	3.469	3.366	3.200
3731	37.30	3.076	3.053	3.129	3.255	3.368	3.411	3.353	3.182	2.895	2.490
3741	37.40	1.967	1.344	0.660	-0.023	-0.643	-1.158	-1.571	-1.925	-2.280	-2.681
3751	37.50	-3.122	-3.550	-3.879	-4.038	-4.008	-3.835	-3.608	-3.416	-3.299	-3.230
3761	37.60	-3.127	-2.904	-2.515	-1.983	-1.400	-0.864	-0.433	-0.092	0.245	0.683
3771	37.70	1.281	2.010	2.752	3.350	3.681	3.715	3.522	3.245	3.011	2.870
3781	37.80	2.767	2.576	2.168	1.494	0.616	-0.310	-1.112	-1.685	-2.043	-2.311
3791	37.90	-2.659	-3.219	-4.008	-4.927	-5.805	-6.484	-6.892	-7.057	-7.076	-7.034
3801	38.00	-6.939	-6.700	-6.166	-5.212	-3.821	-2.119	-0.343	1.252	2.491	3.355
3811	38.10	3.971	4.543	5.242	6.115	7.054	7.843	8.250	8.160	7.532	6.598
3821	38.20	5.591	4.745	4.191	3.917	3.797	3.660	3.364	2.856	2.180	1.438
3831	38.30	0.742	0.164	-0.291	-0.664	-1.020	-1.400	-1.807	-2.202	-2.528	-2.738
3841	38.40	-2.820	-2.803	-2.737	-2.678	-2.656	-2.670	-2.692	-2.684	-2.625	-2.519
3851	38.50	-2.395	-2.284	-2.203	-2.128	-2.053	-1.958	-1.839	-1.760	-1.015	-0.738
3861	38.60	1.403	1.897	2.188	2.303	2.306	2.257	2.179	2.050	1.813	1.416
3871	38.70	0.852	0.173	-0.514	-1.089	-1.663	-1.620	-1.617	-1.564	-1.572	-1.709
3881	38.80	-1.973	-2.300	-2.593	-2.771	-2.799	-2.696	-2.524	-2.347	-2.203	-2.087
3891	38.90	-1.951	-1.735	-1.388	-0.896	-0.285	0.387	1.066	1.628	2.090	2.415
3901	39.00	2.610	2.699	2.711	2.678	2.628	2.582	2.555	2.552	2.571	2.608
3911	39.10	2.554	2.702	2.741	2.762	2.751	2.694	2.580	2.405	2.182	1.931
3921	39.20	1.679	1.447	1.238	1.034	0.802	0.505	0.125	-0.330	-0.820	-1.286
3931	39.30	-1.672	-1.945	-2.108	-2.199	-2.266	-2.346	-2.443	-2.522	-2.522	-2.388
3941	39.40	-2.093	-1.663	-1.165	-0.687	-0.297	-0.022	0.160	0.308	0.477	0.693
3951	39.50	0.932	1.134	1.235	1.203	1.065	0.896	0.790	0.810	0.950	1.128
3961	39.60	1.212	1.075	0.853	-0.020	-0.821	-1.578	-2.131	-2.389	-2.353	-2.099
3971	39.70	-1.740	-1.376	-1.057	-0.776	-0.493	-0.161	0.239	0.692	1.159	1.590
3981	39.80	1.951	2.232	2.458	2.585	2.680	2.724	2.708	2.623	2.464	2.234
3991	39.90	1.938	1.584	1.179	0.734	0.274	-0.169	-0.559	-0.870	-1.097	-1.263

Table 7—35—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.409	-1.577	-1.788	-2.032	-2.269	-2.441	-2.503	-2.431	-2.235	-1.946
4011	40.10	-1.602	-1.230	-0.841	-0.436	-0.019	0.396	0.775	1.089	1.309	1.425
4021	40.20	1.450	1.408	1.327	1.230	1.133	1.051	0.998	0.990	1.033	1.111
4031	40.30	1.178	1.168	1.014	0.680	0.182	-0.406	-0.975	-1.421	-1.690	-1.793
4041	40.40	-1.807	-1.835	-1.958	-2.193	-2.487	-2.734	-2.826	-2.702	-2.375	-1.932
4051	40.50	-1.497	-1.181	-1.038	-1.048	-1.131	-1.183	-1.117	-0.902	-0.567	-0.188
4061	40.60	0.144	0.356	0.411	0.332	0.171	0.003	-0.100	-0.086	0.066	0.348
4071	40.70	0.729	1.163	1.600	1.998	2.321	2.547	2.664	2.666	2.555	2.336
4081	40.80	2.017	1.617	1.157	0.669	0.185	-0.265	-0.663	-1.001	-1.288	-1.536
4091	40.90	-1.759	-1.963	-2.143	-2.285	-2.372	-2.393	-2.350	-2.256	-2.135	-2.008
4101	41.00	-1.886	-1.764	-1.624	-1.443	-1.203	-0.907	-0.576	-0.250	0.036	0.269
4111	41.10	0.395	0.495	0.591	0.724	0.915	1.164	1.438	1.690	1.867	1.923
4121	41.20	1.833	1.588	1.201	0.705	0.145	-0.422	-0.936	-1.350	-1.644	-1.833
4131	41.30	-1.966	-2.109	-2.315	-2.595	-2.907	-3.160	-3.250	-3.098	-2.689	-2.080
4141	41.40	-1.383	-0.718	-0.167	0.258	0.607	0.968	1.411	1.957	2.564	3.151
4151	41.50	3.640	3.996	4.238	4.426	4.613	4.810	4.966	4.986	4.783	4.326
4161	41.60	3.674	2.963	2.353	1.962	1.811	1.816	1.824	1.681	1.300	0.700
4171	41.70	-0.008	-0.674	-1.176	-1.474	-1.616	-1.701	-1.824	-2.020	-2.262	-2.387
4181	41.80	-2.348	-2.068	-1.575	-0.976	-0.415	-0.015	0.167	0.153	0.024	-0.124
4191	41.90	-0.223	-0.256	-0.250	-0.248	-0.277	-0.324	-0.345	-0.282	-0.100	0.194
4201	42.00	0.548	0.885	1.133	1.259	1.280	1.256	1.258	1.344	1.527	1.771
4211	42.10	2.002	2.137	2.104	1.875	1.466	0.934	0.357	-0.186	-0.640	-0.980
4221	42.20	-1.218	-1.389	-1.535	-1.690	-1.865	-2.047	-2.203	-2.301	-2.323	-2.280
4231	42.30	-2.207	-2.155	-2.161	-2.236	-2.351	-2.445	-2.449	-2.315	-2.039	-1.663
4241	42.40	-1.267	-0.927	-0.690	-0.547	-0.439	-0.280	-0.001	0.420	0.936	1.444
4251	42.50	1.822	1.971	1.853	1.505	1.018	0.507	0.065	-0.266	-0.498	-0.578
4261	42.60	-0.854	-1.046	-1.234	-1.367	-1.391	-1.284	-1.066	-0.803	-0.576	-0.447
4271	42.70	-0.431	-0.486	-0.532	-0.450	-0.312	-0.011	0.343	0.655	0.838	0.855
4281	42.80	0.727	0.529	0.355	0.277	0.323	0.470	0.654	0.808	0.884	0.873
4291	42.90	0.803	0.722	0.678	0.703	0.805	0.972	1.183	1.411	1.630	1.813
4301	43.00	1.927	1.939	1.825	1.580	1.227	0.815	0.410	0.079	-0.132	-0.202
4311	43.10	-0.141	0.023	0.253	0.516	0.786	1.036	1.243	1.391	1.462	1.451
4321	43.20	1.373	1.253	1.123	1.007	0.909	0.814	0.690	0.512	0.266	-0.039
4331	43.30	-0.376	-0.711	-1.017	-1.282	-1.503	-1.681	-1.808	-1.872	-1.859	-1.769
4341	43.40	-1.626	-1.477	-1.381	-1.386	-1.504	-1.706	-1.918	-2.064	-2.076	-1.929
4351	43.50	-1.648	-1.296	-0.949	-0.672	-0.500	-0.433	-0.440	-0.473	-0.480	-0.415
4361	43.60	-0.245	0.041	0.428	0.865	1.272	1.551	1.620	1.437	1.025	0.472
4371	43.70	-0.094	-0.544	-0.800	-0.858	-0.786	-0.688	-0.671	-0.785	-1.011	-1.274
4381	43.80	-1.481	-1.557	-1.481	-1.286	-1.035	-0.789	-0.579	-0.398	-0.212	0.007
4391	43.90	0.270	0.559	0.840	1.090	1.309	1.525	1.774	2.071	2.392	2.672
4401	44.00	2.832	2.808	2.593	2.243	1.859	1.549	1.381	1.355	1.403	1.419
4411	44.10	1.309	1.025	0.585	0.059	-0.461	-0.903	-1.236	-1.471	-1.641	-1.778
4421	44.20	-1.891	-1.965	-1.974	-1.907	-1.780	-1.637	-1.536	-1.513	-1.581	-1.702
4431	44.30	-1.817	-1.866	-1.816	-1.679	-1.501	-1.343	-1.252	-1.234	-1.252	-1.239
4441	44.40	-1.124	-0.863	-0.455	0.060	0.619	1.161	1.650	2.082	2.479	2.862
4451	44.50	3.235	3.574	3.831	3.955	3.920	3.742	3.473	3.188	2.955	2.800
4461	44.60	2.702	2.598	2.416	2.105	1.664	1.143	0.623	0.183	-0.137	-0.351
4471	44.70	-0.522	-0.730	-1.039	-1.469	-1.981	-2.498	-2.933	-3.216	-3.324	-3.279
4481	44.80	-3.136	-2.960	-2.805	-2.699	-2.643	-2.615	-2.582	-2.511	-2.379	-2.171
4491	44.90	-1.892	-1.560	-1.200	-0.843	-0.511	-0.216	0.048	0.293	0.530	0.763

Table 7—35—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.977	1.152	1.271	1.332	1.354	1.370	1.408	1.474	1.542	1.563
4511	45.10	1.484	1.272	0.937	0.529	0.119	-0.229	-0.485	-0.659	-0.790	-0.919
4521	45.20	-1.068	-1.222	-1.344	-1.395	-1.360	-1.261	-1.144	-1.065	-1.053	-1.103
4531	45.30	-1.176	-1.219	-1.193	-1.088	-0.922	-0.728	-0.528	-0.326	-0.106	0.150
4541	45.40	0.449	0.778	1.111	1.428	1.728	2.031	2.364	2.735	3.116	3.444
4551	45.50	3.646	3.677	3.551	3.343	3.160	3.084	3.126	3.208	3.180	2.907
4561	45.60	2.316	1.456	0.490	-0.366	-0.926	-1.116	-1.001	-0.756	-0.589	-0.651
4571	45.70	-0.979	-1.486	-2.012	-2.397	-2.549	-2.476	-2.267	-2.037	-1.873	-1.795
4581	45.80	-1.765	-1.716	-1.598	-1.406	-1.181	-0.983	-0.854	-0.792	-0.751	-0.672
4591	45.90	-0.511	-0.272	-0.007	0.203	0.292	0.238	0.073	-0.132	-0.299	-0.385
4601	46.00	-0.394	-0.378	-0.403	-0.518	-0.728	-0.995	-1.253	-1.465	-1.544	-1.568
4611	46.10	-1.565	-1.584	-1.656	-1.767	-1.886	-1.961	-1.960	-1.875	-1.726	-1.539
4621	46.20	-1.330	-1.086	-0.773	-0.351	0.193	0.835	1.511	2.136	2.631	2.967
4631	46.30	3.159	3.263	3.348	3.462	3.611	3.760	3.851	3.835	3.698	3.462
4641	46.40	3.184	2.921	2.713	2.567	2.458	2.368	2.203	2.011	1.776	1.518
4651	46.50	1.249	0.976	0.694	0.402	0.104	-0.179	-0.421	-0.598	-0.706	-0.760
4661	46.60	-0.791	-0.833	-0.906	-1.008	-1.121	-1.216	-1.275	-1.299	-1.307	-1.326
4671	46.70	-1.376	-1.464	-1.573	-1.675	-1.744	-1.763	-1.735	-1.677	-1.615	-1.572
4681	46.80	-1.559	-1.577	-1.614	-1.653	-1.681	-1.687	-1.671	-1.641	-1.609	-1.587
4691	46.90	-1.579	-1.574	-1.549	-1.465	-1.286	-0.990	-0.584	-0.107	0.377	0.797
4701	47.00	1.093	1.239	1.243	1.161	0.982	0.810	0.651	0.519	0.412	0.327
4711	47.10	0.260	0.207	0.156	0.089	-0.015	-0.168	-0.359	-0.553	-0.695	-0.735
4721	47.20	-0.667	-0.445	-0.188	0.063	0.229	0.285	0.246	0.158	0.091	0.094
4731	47.30	0.189	0.362	0.585	0.828	1.072	1.308	1.532	1.727	1.867	1.920
4741	47.40	1.866	1.709	1.485	1.243	1.029	0.861	0.722	0.573	0.373	0.105
4751	47.50	-0.216	-0.545	-0.834	-1.055	-1.216	-1.350	-1.498	-1.680	-1.879	-2.047
4761	47.60	-2.126	-2.075	-1.899	-1.640	-1.367	-1.140	-0.989	-0.909	-0.864	-0.816
4771	47.70	-0.742	-0.640	-0.526	-0.412	-0.299	-0.171	-0.010	0.189	0.408	0.608
4781	47.80	0.751	0.821	0.838	0.856	0.938	1.125	1.413	1.769	2.048	2.232
4791	47.90	2.260	2.140	1.926	1.683	1.465	1.285	1.131	0.969	0.777	0.556
4801	48.00	0.331	0.136	-0.006	-0.104	-0.192	-0.317	-0.516	-0.795	-1.125	-1.449
4811	48.10	-1.709	-1.859	-1.886	-1.805	-1.651	-1.465	-1.278	-1.110	-0.963	-0.853
4821	48.20	-0.715	-0.604	-0.502	-0.415	-0.347	-0.298	-0.256	-0.198	-0.087	0.108
4831	48.30	0.405	0.789	1.206	1.550	1.815	1.850	1.675	1.343	0.953	0.615
4841	48.40	0.406	0.334	0.339	0.316	0.164	-0.166	-0.648	-1.188	-1.682	-1.973
4851	48.50	-2.081	-2.022	-1.879	-1.745	-1.678	-1.681	-1.709	-1.698	-1.598	-1.396
4861	48.60	-1.116	-0.797	-0.468	-0.130	0.237	0.661	1.146	1.665	2.158	2.559
4871	48.70	2.825	2.950	2.972	2.948	2.930	2.936	2.941	2.905	2.785	2.563
4881	48.80	2.258	1.916	1.585	1.300	1.062	0.852	0.642	0.412	0.168	-0.072
4891	48.90	-0.283	-0.456	-0.594	-0.728	-0.879	-1.055	-1.239	-1.399	-1.501	-1.531
4901	49.00	-1.503	-1.454	-1.429	-1.457	-1.541	-1.659	-1.772	-1.850	-1.883	-1.881
4911	49.10	-1.867	-1.859	-1.856	-1.835	-1.767	-1.632	-1.433	-1.202	-0.980	-0.803
4921	49.20	-0.681	-0.587	-0.474	-0.291	-0.009	0.365	0.789	1.208	1.572	1.856
4931	49.30	2.049	2.238	2.397	2.566	2.744	2.916	3.059	3.157	3.205	3.206
4941	49.40	3.165	3.078	2.935	2.731	2.469	2.174	1.886	1.640	1.484	1.346
4951	49.50	1.241	1.089	0.853	0.447	-0.048	-0.591	-1.099	-1.502	-1.761	-1.883
4961	49.60	-1.912	-1.910	-1.928	-1.993	-2.097	-2.205	-2.276	-2.277	-2.192	-2.031
4971	49.70	-1.821	-1.594	-1.381	-1.202	-1.064	-0.931	-0.883	-0.816	-0.751	-0.684
4981	49.80	-0.618	-0.562	-0.524	-0.507	-0.508	-0.518	-0.527	-0.529	-0.525	-0.519
4991	49.90	-0.526	-0.553	-0.598	-0.654	-0.712	-0.770	-0.832	-0.930	-1.066	-1.247

Table 7—35—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.453	-1.644	-1.771	-1.799	-1.720	-1.561	-1.371	-1.200	-1.072	-0.973
5011	50.10	-0.857	-0.668	-0.369	0.036	0.495	0.930	1.261	1.441	1.470	1.386
5021	50.20	1.248	1.105	0.979	0.862	0.732	0.570	0.377	0.175	-0.002	-0.130
5031	50.30	-0.205	-0.269	-0.292	-0.362	-0.467	-0.589	-0.697	-0.759	-0.756	-0.693
5041	50.40	-0.581	-0.436	-0.265	-0.061	0.193	0.507	0.876	1.274	1.662	1.997
5051	50.50	2.251	2.411	2.487	2.499	2.473	2.431	2.383	2.333	2.275	2.195
5061	50.60	2.076	1.899	1.656	1.368	0.999	0.647	0.335	0.100	-0.068	-0.123
5071	50.70	-0.162	-0.210	-0.297	-0.430	-0.589	-0.741	-0.858	-0.929	-0.968	-0.998
5081	50.80	-1.045	-1.117	-1.205	-1.290	-1.353	-1.391	-1.418	-1.453	-1.513	-1.596
5091	50.90	-1.683	-1.750	-1.783	-1.789	-1.795	-1.836	-1.935	-2.085	-2.249	-2.372
5101	51.00	-2.409	-2.342	-2.189	-1.995	-1.812	-1.671	-1.573	-1.493	-1.396	-1.259
5111	51.10	-1.078	-0.874	-0.668	-0.476	-0.284	-0.072	0.187	0.505	0.866	1.239
5121	51.20	1.589	1.901	2.185	2.476	2.807	3.202	3.666	4.094	4.487	4.775
5131	51.30	4.933	4.968	4.908	4.765	4.616	4.399	4.123	3.731	3.384	2.965
5141	51.40	2.567	2.228	1.961	1.747	1.541	1.293	0.961	0.535	0.032	-0.507
5151	51.50	-1.036	-1.518	-1.933	-2.279	-2.565	-2.795	-2.981	-3.118	-3.201	-3.226
5161	51.60	-3.193	-3.107	-2.980	-2.823	-2.645	-2.450	-2.235	-2.000	-1.746	-1.489
5171	51.70	-1.218	-0.975	-0.763	-0.577	-0.394	-0.181	0.099	0.464	0.899	1.358
5181	51.80	1.775	2.083	2.248	2.279	2.228	2.170	2.166	2.236	2.351	2.443
5191	51.90	2.440	2.303	2.048	1.741	1.469	1.295	1.229	1.218	1.167	0.988
5201	52.00	0.638	0.150	-0.383	-0.862	-1.134	-1.232	-1.181	-1.078	-1.027	-1.093
5211	52.10	-1.276	-1.517	-1.728	-1.835	-1.810	-1.679	-1.515	-1.401	-1.400	-1.535
5221	52.20	-1.787	-2.102	-2.418	-2.680	-2.852	-2.921	-2.892	-2.783	-2.616	-2.417
5231	52.30	-2.203	-1.986	-1.765	-1.528	-1.257	-0.939	-0.573	-0.173	0.231	0.606
5241	52.40	0.926	1.177	1.358	1.475	1.534	1.533	1.490	1.315	1.109	0.873
5251	52.50	0.651	0.491	0.418	0.430	0.493	0.556	0.571	0.516	0.401	0.264
5261	52.60	0.147	0.083	0.077	0.110	0.154	0.180	0.181	0.164	0.148	0.144
5271	52.70	0.152	0.159	0.150	0.120	0.080	0.054	0.062	0.105	0.161	0.182
5281	52.80	0.124	-0.038	-0.289	-0.579	-0.840	-1.016	-1.085	-1.068	-1.017	-0.987
5291	52.90	-1.008	-1.064	-1.108	-1.076	-0.927	-0.661	-0.326	0.003	0.253	0.381
5301	53.00	0.395	0.345	0.303	0.330	0.457	0.675	0.944	1.210	1.427	1.570
5311	53.10	1.639	1.648	1.620	1.572	1.517	1.459	1.395	1.326	1.249	1.163
5321	53.20	1.063	0.945	0.803	0.630	0.422	0.178	-0.097	-0.391	-0.686	-0.955
5331	53.30	-1.175	-1.326	-1.403	-1.419	-1.401	-1.381	-1.386	-1.425	-1.486	-1.561
5341	53.40	-1.560	-1.519	-1.414	-1.256	-1.065	-0.854	-0.626	-0.371	-0.073	0.224
5351	53.50	0.656	1.041	1.387	1.652	1.812	1.868	1.839	1.759	1.660	1.572
5361	53.60	1.514	1.494	1.510	1.547	1.570	1.537	1.397	1.122	0.713	0.218
5371	53.70	-0.283	-0.699	-0.969	-1.085	-1.104	-1.124	-1.246	-1.527	-1.953	-2.442
5381	53.80	-2.877	-3.157	-3.237	-3.142	-2.951	-2.759	-2.634	-2.597	-2.584	-2.566
5391	53.90	-2.486	-2.331	-2.121	-1.888	-1.656	-1.418	-1.144	-0.799	-0.373	0.112
5401	54.00	0.607	1.060	1.444	1.768	2.069	2.385	2.715	3.030	3.260	3.346
5411	54.10	3.270	3.082	2.877	2.762	2.801	2.982	3.222	3.401	3.424	3.263
5421	54.20	2.970	2.646	2.388	2.254	2.165	2.028	1.782	1.360	0.801	0.214
5431	54.30	-0.268	-0.548	-0.610	-0.523	-0.398	-0.332	-0.350	-0.436	-0.464	-0.353
5441	54.40	-0.068	0.343	0.769	1.081	1.190	1.091	0.856	0.603	0.441	0.421
5451	54.50	0.519	0.653	0.723	0.657	0.436	0.099	-0.285	-0.647	-0.947	-1.185
5461	54.60	-1.390	-1.599	-1.834	-2.091	-2.344	-2.557	-2.703	-2.780	-2.809	-2.833
5471	54.70	-2.898	-3.036	-3.252	-3.513	-3.759	-3.913	-3.906	-3.697	-3.289	-2.730
5481	54.80	-2.106	-1.508	-1.011	-0.648	-0.404	-0.224	-0.042	0.199	0.519	0.902
5491	54.90	1.308	1.688	2.014	2.281	2.509	2.725	2.950	3.181	3.396	3.561

Table 7—35—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	1.665	1.634	1.536	1.374	1.176	0.981	0.735	0.493	0.226	-0.067
5511	55.10	1.622	1.515	1.038	0.810	0.632	0.490	0.350	0.174	-0.069	-0.392
5521	55.20	-0.784	-1.208	-1.614	-1.951	-2.178	-2.279	-2.266	-2.172	-2.044	-1.929
5531	55.30	-1.857	-1.841	-1.871	-1.924	-1.975	-2.000	-1.991	-1.945	-1.871	-1.778
5541	55.40	-1.674	-1.588	-1.464	-1.368	-1.286	-1.221	-1.173	-1.139	-1.107	-1.065
5551	55.50	-1.000	-0.906	-0.785	-0.647	-0.509	-0.388	-0.299	-0.245	-0.220	-0.208
5561	55.60	-0.182	-0.120	-0.003	0.170	0.388	0.624	0.868	1.035	1.173	1.264
5571	55.70	1.323	1.365	1.402	1.432	1.448	1.436	1.391	1.318	1.231	1.144
5581	55.80	1.067	1.002	0.942	0.881	0.820	0.773	0.759	0.789	0.860	0.945
5591	55.90	1.002	0.995	0.907	0.751	0.568	0.409	0.304	0.254	0.222	0.157
5601	56.00	0.017	-0.203	-0.466	-0.704	-0.851	-0.871	-0.779	-0.632	-0.502	-0.442
5611	56.10	-0.467	-0.545	-0.623	-0.655	-0.631	-0.581	-0.557	-0.608	-0.741	-0.921
5621	56.20	-1.078	-1.145	-1.088	-0.924	-0.717	-0.567	-0.474	-0.510	-0.621	-0.764
5631	56.30	-0.820	-0.824	-0.774	-0.717	-0.697	-0.734	-0.807	-0.868	-0.866	-0.778
5641	56.40	-0.623	-0.458	-0.349	-0.338	-0.419	-0.535	-0.596	-0.521	-0.266	0.154
5651	56.50	0.663	1.159	1.542	1.769	1.771	1.651	1.461	1.281	1.170	1.152
5661	56.60	1.221	1.343	1.475	1.577	1.622	1.601	1.519	1.390	1.234	1.066
5671	56.70	0.889	0.709	0.516	0.304	0.070	-0.178	-0.426	-0.649	-0.827	-0.944
5681	56.80	-1.002	-1.012	-0.992	-0.958	-0.914	-0.850	-0.747	-0.584	-0.351	-0.056
5691	56.90	0.270	0.589	0.860	1.058	1.177	1.229	1.237	1.217	1.173	1.094
5701	57.00	0.963	0.763	0.497	0.184	-0.138	-0.429	-0.656	-0.808	-0.891	-0.929
5711	57.10	-0.950	-0.975	-1.013	-1.063	-1.114	-1.154	-1.174	-1.163	-1.115	-1.024
5721	57.20	-0.886	-0.704	-0.490	-0.261	-0.040	0.156	0.319	0.453	0.570	0.681
5731	57.30	0.788	0.881	0.944	0.960	0.928	0.860	0.785	0.732	0.721	0.749
5741	57.40	0.793	0.819	0.799	0.723	0.603	0.469	0.356	0.283	0.249	0.234
5751	57.50	0.204	0.135	0.016	-0.136	-0.291	-0.431	-0.479	-0.458	-0.390	-0.297
5761	57.60	-0.216	-0.177	-0.190	-0.246	-0.316	-0.363	-0.356	-0.282	-0.152	-0.001
5771	57.70	0.127	0.191	0.178	0.103	0.007	-0.058	-0.052	0.035	0.182	0.345
5781	57.80	0.478	0.558	0.595	0.620	0.677	0.786	0.936	1.084	1.173	1.158
5791	57.90	1.030	0.816	0.570	0.338	0.140	-0.042	-0.254	-0.543	-0.922	-1.364
5801	58.00	-1.800	-2.149	-2.348	-2.383	-2.290	-2.136	-1.997	-1.919	-1.910	-1.943
5811	58.10	-1.969	-1.946	-1.850	-1.678	-1.444	-1.166	-0.863	-0.551	-0.254	0.001
5821	58.20	0.185	0.277	0.279	0.218	0.110	0.095	0.114	0.196	0.316	0.436
5831	58.30	0.530	0.601	0.678	0.804	1.005	1.275	1.566	1.811	1.945	1.939
5841	58.40	1.811	1.615	1.420	1.279	1.208	1.188	1.183	1.162	1.122	1.084
5851	58.50	1.080	1.127	1.216	1.305	1.339	1.283	1.196	0.992	0.749	0.681
5861	58.60	0.703	0.808	0.928	0.980	0.906	0.696	0.394	0.077	-0.181	-0.340
5871	58.70	-0.412	-0.449	-0.521	-0.679	-0.929	-1.236	-1.527	-1.743	-1.848	-1.849
5881	58.80	-1.794	-1.748	-1.761	-1.851	-1.990	-2.124	-2.192	-2.151	-1.996	-1.762
5891	58.90	-1.510	-1.303	-1.183	-1.158	-1.199	-1.255	-1.266	-1.191	-1.018	-0.766
5901	59.00	-0.680	-0.215	-0.016	0.089	0.100	0.041	-0.052	-0.136	-0.180	-0.163
5911	59.10	-0.083	0.051	0.217	0.394	0.561	0.701	0.807	0.877	0.913	0.921
5921	59.20	0.907	0.876	0.834	0.785	0.737	0.698	0.680	0.693	0.743	0.826
5931	59.30	0.927	1.023	1.085	1.086	1.011	0.859	0.643	0.389	0.128	-0.113
5941	59.40	-0.317	-0.481	-0.615	-0.735	-0.859	-1.000	-1.163	-1.338	-1.507	-1.650
5951	59.50	-1.744	-1.779	-1.756	-1.692	-1.610	-1.539	-1.497	-1.485	-1.489	-1.479
5961	59.60	-1.320	-1.128	-1.058	-0.943	-0.858	-0.722	-0.510	-0.260	0.372	1.734
5971	59.70	2.028	2.238	2.359	2.402	2.396	2.385	2.411	2.503	2.657	2.860
5981	59.80	2.994	3.057	2.989	2.785	2.478	2.128	1.801	1.542	1.360	1.228
5991	59.90	1.097	0.916	0.658	0.330	-0.031	-0.368	-0.628	-0.787	-0.850	-0.859

Table 7—35—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.869	-0.932	-1.071	-1.277	-1.502	-1.686	-1.771	-1.730	-1.571	-1.336
6011	60.10	-1.082	-0.854	-0.666	-0.497	-0.305	-0.063	0.295	0.681	1.062	1.296
6021	60.20	1.384	1.301	1.103	0.891	0.769	0.798	0.971	1.212	1.405	1.463
6031	60.30	1.272	0.913	0.452	0.004	-0.333	-0.515	-0.558	-0.522	-0.483	-0.489
6041	60.40	-0.552	-0.648	-0.736	-0.790	-0.806	-0.809	-0.836	-0.909	-1.028	-1.167
6051	60.50	-1.283	-1.343	-1.334	-1.271	-1.188	-1.125	-1.107	-1.138	-1.199	-1.260
6061	60.60	-1.259	-1.270	-1.200	-1.095	-0.977	-0.872	-0.797	-0.756	-0.758	-0.722
6071	60.70	-0.678	-0.583	-0.428	-0.223	-0.000	0.201	0.343	0.409	0.406	0.365
6081	60.80	0.324	0.307	0.314	0.315	0.266	0.132	-0.099	-0.396	-0.700	-0.944
6091	60.90	-1.076	-1.085	-1.000	-0.878	-0.776	-0.729	-0.736	-0.766	-0.772	-0.719
6101	61.00	-0.596	-0.418	-0.216	-0.018	0.162	0.330	0.504	0.698	0.916	1.141
6111	61.10	1.349	1.519	1.666	1.747	1.851	1.985	2.161	2.365	2.566	2.726
6121	61.20	2.815	2.830	2.786	2.712	2.632	2.557	2.471	2.369	2.166	1.911
6131	61.30	1.600	1.264	0.941	0.657	0.416	0.197	-0.030	-0.292	-0.592	-0.909
6141	61.40	-1.208	-1.451	-1.620	-1.720	-1.784	-1.848	-1.936	-2.047	-2.153	-2.214
6151	61.50	-2.202	-2.118	-1.998	-1.899	-1.881	-1.970	-2.153	-2.369	-2.536	-2.581
6161	61.60	-2.466	-2.201	-1.841	-1.461	-1.128	-0.876	-0.703	-0.573	-0.441	-0.272
6171	61.70	-0.056	0.200	0.458	0.686	0.857	0.960	0.998	0.981	0.929	0.857
6181	61.80	0.784	0.726	0.689	0.683	0.703	0.735	0.761	0.764	0.733	0.671
6191	61.90	0.589	0.503	0.425	0.356	0.295	0.223	0.141	0.044	-0.059	-0.159
6201	62.00	-0.246	-0.320	-0.388	-0.459	-0.537	-0.618	-0.684	-0.712	-0.682	-0.585
6211	62.10	-0.427	-0.229	-0.015	0.193	0.381	0.548	0.702	0.853	1.011	1.177
6221	62.20	1.349	1.516	1.665	1.781	1.867	1.852	1.786	1.652	1.463	1.241
6231	62.30	1.016	0.815	0.657	0.569	0.481	0.437	0.398	0.351	0.289	0.213
6241	62.40	0.128	0.063	-0.040	-0.118	-0.189	-0.253	-0.311	-0.369	-0.435	-0.519
6251	62.50	-0.631	-0.775	-0.942	-1.109	-1.269	-1.334	-1.348	-1.287	-1.166	-1.004
6261	62.60	-0.820	-0.624	-0.414	-0.182	0.077	0.353	0.623	0.853	1.008	1.071
6271	62.70	1.046	0.966	0.877	0.825	0.839	0.919	1.036	1.140	1.181	1.125
6281	62.80	0.964	0.722	0.443	0.178	-0.034	-0.177	-0.256	-0.297	-0.331	-0.383
6291	62.90	-0.465	-0.573	-0.694	-0.815	-0.929	-1.036	-1.142	-1.248	-1.345	-1.416
6301	63.00	-1.440	-1.399	-1.295	-1.150	-0.999	-0.882	-0.826	-0.833	-0.882	-0.936
6311	63.10	-0.959	-0.930	-0.853	-0.751	-0.655	-0.582	-0.538	-0.503	-0.448	-0.350
6321	63.20	-0.206	-0.034	0.130	0.250	0.307	0.305	0.273	0.250	0.270	0.347
6331	63.30	0.467	0.599	0.706	0.756	0.740	0.665	0.555	0.436	0.328	0.242
6341	63.40	0.180	0.139	0.116	0.110	0.121	0.146	0.179	0.208	0.222	0.216
6351	63.50	0.190	0.156	0.127	0.117	0.128	0.154	0.178	0.184	0.163	0.120
6361	63.60	0.073	0.051	0.080	0.175	0.328	0.515	0.699	0.862	0.920	0.927
6371	63.70	0.879	0.801	0.721	0.656	0.608	0.566	0.516	0.446	0.356	0.256
6381	63.80	0.163	0.090	0.041	0.012	-0.013	-0.048	-0.102	-0.177	-0.270	-0.374
6391	63.90	-0.484	-0.600	-0.722	-0.846	-0.963	-1.059	-1.120	-1.140	-1.122	-1.084
6401	64.00	-1.046	-1.023	-1.019	-1.022	-1.011	-0.969	-0.887	-0.772	-0.643	-0.524
6411	64.10	-0.427	-0.355	-0.297	-0.237	-0.169	-0.094	-0.029	0.009	0.006	-0.037
6421	64.20	-0.108	-0.188	-0.264	-0.332	-0.399	-0.476	-0.568	-0.668	-0.761	-0.831
6431	64.30	-0.871	-0.893	-0.919	-0.977	-1.073	-1.190	-1.281	-1.284	-1.152	-0.965
6441	64.40	-0.451	0.026	0.485	0.856	1.099	1.219	1.254	1.254	1.263	1.301
6451	64.50	1.363	1.432	1.488	1.527	1.558	1.599	1.668	1.766	1.876	1.969
6461	64.60	2.015	1.993	1.902	1.757	1.585	1.416	1.265	1.136	1.018	0.897
6471	64.70	0.759	0.601	0.432	0.270	0.134	0.038	-0.015	-0.035	-0.039	-0.049
6481	64.80	-0.082	-0.144	-0.230	-0.326	-0.415	-0.483	-0.523	-0.537	-0.531	-0.513
6491	64.90	-0.487	-0.453	-0.409	-0.353	-0.287	-0.217	-0.155	-0.110	-0.087	-0.088

Table 7—35—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1128 S01-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.105	-0.131	-0.159	-0.182	-0.199	-0.209	-0.212	-0.208	-0.200	-0.190
6511	65.10	-0.186	-0.191	-0.209	-0.233	-0.253	-0.257	-0.238	-0.203	-0.170	-0.167
6521	65.20	-0.220	-0.343	-0.528	-0.746	-0.955	-1.112	-1.188	-1.173	-1.079	-0.931
6531	65.30	-0.756	-0.576	-0.403	-0.243	-0.098	0.029	0.135	0.218	0.285	0.352
6541	65.40	0.438	0.558	0.717	0.897	1.068	1.189	1.227	1.169	1.025	0.832
6551	65.50	0.637	0.487	0.409	0.411	0.472	0.559	0.635	0.672	0.663	0.618
6561	65.60	0.561	0.521	0.515	0.544	0.592	0.630	0.627	0.567	0.456	0.315
6571	65.70	0.189	0.115	0.119	0.202	0.341	0.500	0.664	0.753	0.830	0.892
6581	65.80	0.946	1.066	1.185	1.301	1.374	1.370	1.267	1.071	0.810	0.523
6591	65.90	0.250	0.013	-0.183	-0.354	-0.523	-0.715	-0.942	-1.204	-1.490	-1.782
6601	66.00	-2.064	-2.323	-2.550	-2.738	-2.880	-2.970	-3.000	-2.970	-2.890	-2.776
6611	66.10	-2.653	-2.541	-2.453	-2.388	-2.329	-2.256	-2.150	-2.008	-1.845	-1.689
6621	66.20	-1.573	-1.519	-1.525	-1.565	-1.596	-1.573	-1.464	-1.268	-1.003	-0.717
6631	66.30	-0.454	-0.247	-0.106	-0.019	0.040	0.099	0.178	0.282	0.405	0.537
6641	66.40	0.664	0.781	0.886	0.981	1.065	1.138	1.197	1.240	1.271	1.295
6651	66.50	1.323	1.366	1.422	1.496	1.577	1.652	1.707	1.732	1.722	1.683
6661	66.60	1.627	1.574	1.540	1.536	1.556	1.594	1.629	1.644	1.631	1.595
6671	66.70	1.550	1.512	1.484	1.455	1.399	1.287	1.102	0.867	0.552	0.261
6681	66.80	0.013	-0.171	-0.296	-0.389	-0.485	-0.602	-0.734	-0.853	-0.921	-0.915
6691	66.90	-0.838	-0.726	-0.629	-0.594	-0.642	-0.760	-0.910	-1.046	-1.134	-1.167
6701	67.00	-1.157	-1.129	-1.100	-1.071	-1.025	-0.942	-0.809	-0.636	-0.441	-0.267
6711	67.10	-0.139	-0.069	-0.050	-0.061	-0.079	-0.090	-0.091	-0.087	-0.086	-0.093
6721	67.20	-0.106	-0.121	-0.134	-0.144	-0.151	-0.156	-0.157	-0.153	-0.141	-0.127
6731	67.30	-0.119	-0.124	-0.168	-0.183	-0.213	-0.220	-0.196	-0.138	-0.072	-0.016
6741	67.40	0.017	0.035	0.068	0.150	0.300	0.510	0.736	0.915	0.996	0.964
6751	67.50	0.850	0.727	0.673	0.742	0.936	1.205	1.468	1.652	1.723	1.695
6761	67.60	1.622	1.567	1.571	1.635	1.723	1.787	1.795	1.743	1.660	1.588
6771	67.70	1.558	1.576	1.621	1.661	1.673	1.653	1.622	1.603	1.609	1.625
6781	67.80	1.614	1.533	1.356	1.087	0.782	0.425	0.114	-0.161	-0.419	-0.690
6791	67.90	-0.995	-1.327	-1.650	-1.916	-2.088	-2.163	-2.176	-2.184	-2.237	-2.357
6801	68.00	-2.523	-2.684	-2.788	-2.805	-2.745	-2.653	-2.583	-2.567	-2.597	-2.629
6811	68.10	-2.602	-2.470	-2.225	-1.905	-1.573	-1.298	-1.078	-0.929	-0.796	-0.632
6821	68.20	-0.413	-0.151	0.110	0.319	0.446	0.498	0.516	0.569	0.627	0.744
6831	68.30	0.855	0.899	0.836	0.658	0.413	0.172	-0.002	-0.083	-0.096	-0.105
6841	68.40	-0.182	-0.368	-0.652	-0.977	-1.263	-1.447	-1.513	-1.496	-1.465	-1.484
6851	68.50	-1.577	-1.713	-1.818	-1.809	-1.630	-1.278	-0.808	-0.303	0.160	0.560
6861	68.60	0.845	1.120	1.412	1.746	2.107	2.443	2.694	2.821	2.835	2.751
6871	68.70	2.665	2.629	2.671	2.777	2.900	2.986	2.985	2.892	2.721	2.503
6881	68.80	2.266	2.018	1.757	1.472	1.159	0.833	0.525	0.272	0.096	-0.003
6891	68.90	-0.050	-0.083	-0.136	-0.224	-0.337	-0.468	-0.528	-0.563	-0.557	-0.534
6901	69.00	-0.523	-0.544	-0.604	-0.690	-0.784	-0.869	-0.936	-0.983	-1.008	-1.005
6911	69.10	-0.961	-0.868	-0.729	-0.570	-0.437	-0.382	-0.444	-0.630	-0.810	-1.224
6921	69.20	-1.510	-1.726	-1.859	-1.942	-2.016	-2.112	-2.292	-2.347	-2.412	-2.392
6931	69.30	-2.282	-2.114	-1.963	-1.816	-1.751	-1.725	-1.685	-1.577	-1.379	-1.111
6941	69.40	-0.834	-0.621	-0.517	-0.521	-0.583	-0.626	-0.577	-0.418	-0.174	0.091
6951	69.50	0.305	0.427	0.464	0.462	0.484	0.573	0.733	0.924	1.088	1.175
6961	69.60	1.171	1.105	1.051	1.010	1.073	1.215	1.399	1.574	1.698	1.756
6971	69.70	1.754	1.712	1.648	1.567	1.466	1.339	1.191	1.044	0.926	0.861
6981	69.80	0.853	0.879	0.899	0.872	0.776	0.618	0.433	0.268	0.160	0.120
6991	69.90	0.127	0.143	0.130	0.068	-0.032	-0.144	-0.234	-0.285	-0.307	-0.326

Table 7—35—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.377	-0.478	-0.621	-0.773	-0.888	-0.936	-0.913	-0.847	-0.785	-0.766
7011	70.10	-0.801	-0.865	-0.903	-0.856	-0.693	-0.424	-0.099	0.208	0.437	0.566
7021	70.20	0.620	0.659	0.748	0.921	1.167	1.429	1.632	1.716	1.666	1.515
7031	70.30	1.333	1.192	1.161	1.186	1.289	1.406	1.497	1.548	1.568	1.571
7041	70.40	1.560	1.516	1.400	1.192	0.898	0.574	0.306	0.172	0.219	0.419
7051	70.50	0.679	0.871	0.889	0.668	0.310	-0.138	-0.527	-0.761	-0.814	-0.737
7061	70.60	-0.628	-0.585	-0.660	-0.844	-1.075	-1.275	-1.387	-1.402	-1.354	-1.302
7071	70.70	-1.289	-1.328	-1.393	-1.438	-1.420	-1.326	-1.173	-0.999	-0.861	-0.721
7081	70.80	-0.634	-0.564	-0.493	-0.420	-0.359	-0.335	-0.362	-0.437	-0.532	-0.610
7091	70.90	-0.640	-0.615	-0.555	-0.496	-0.473	-0.499	-0.561	-0.626	-0.657	-0.632
7101	71.00	-0.553	-0.445	-0.361	-0.267	-0.228	-0.211	-0.190	-0.146	-0.075	0.009
7111	71.10	0.085	0.134	0.152	0.154	0.162	0.200	0.272	0.363	0.461	0.470
7121	71.20	0.426	0.310	0.148	-0.016	-0.132	-0.165	-0.105	0.028	0.192	0.338
7131	71.30	0.427	0.439	0.386	0.297	0.215	0.170	0.175	0.219	0.273	0.304
7141	71.40	0.295	0.269	0.190	0.169	0.150	0.195	0.261	0.309	0.303	0.226
7151	71.50	0.087	-0.082	-0.244	-0.376	-0.478	-0.575	-0.696	-0.858	-1.053	-1.241
7161	71.60	-1.370	-1.400	-1.321	-1.159	-0.969	-0.809	-0.714	-0.685	-0.693	-0.692
7171	71.70	-0.651	-0.568	-0.468	-0.391	-0.370	-0.406	-0.472	-0.521	-0.508	-0.412
7181	71.80	-0.249	-0.059	0.110	0.228	0.292	0.325	0.365	0.437	0.548	0.679
7191	71.90	0.797	0.877	0.912	0.917	0.918	0.939	0.986	1.043	1.080	1.071
7201	72.00	1.004	0.892	0.765	0.656	0.586	0.557	0.549	0.537	0.501	0.437
7211	72.10	0.356	0.280	0.225	0.196	0.182	0.165	0.129	0.071	0.002	-0.060
7221	72.20	-0.096	-0.097	-0.072	-0.038	-0.013	-0.009	-0.023	-0.043	-0.050	-0.032
7231	72.30	0.014	0.077	0.144	0.200	0.239	0.262	0.276	0.287	0.296	0.298
7241	72.40	0.290	0.269	0.239	0.210	0.195	0.201	0.227	0.266	0.306	0.342
7251	72.50	0.371	0.401	0.439	0.489	0.543	0.580	0.578	0.515	0.389	0.213
7261	72.60	0.019	-0.155	-0.277	-0.329	-0.318	-0.264	-0.197	-0.143	-0.119	-0.124
7271	72.70	-0.148	-0.175	-0.191	-0.193	-0.182	-0.167	-0.157	-0.158	-0.172	-0.199
7281	72.80	-0.236	-0.282	-0.336	-0.398	-0.466	-0.529	-0.581	-0.613	-0.619	-0.602
7291	72.90	-0.571	-0.542	-0.527	-0.531	-0.550	-0.573	-0.588	-0.590	-0.580	-0.566
7301	73.00	-0.555	-0.539	-0.497	-0.394	-0.200	0.099	0.486	0.910	1.303	1.604
7311	73.10	1.783	1.850	1.856	1.861	1.912	2.016	2.133	2.200	2.160	1.990
7321	73.20	1.719	1.413	1.148	0.969	0.871	0.796	0.666	0.418	0.042	-0.411
7331	73.30	-0.850	-1.176	-1.329	-1.313	-1.186	-1.039	-0.955	-0.973	-1.085	-1.242
7341	73.40	-1.387	-1.478	-1.504	-1.484	-1.447	-1.416	-1.403	-1.404	-1.418	-1.450
7351	73.50	-1.516	-1.630	-1.790	-1.969	-2.120	-2.184	-2.121	-1.926	-1.633	-1.305
7361	73.60	-1.014	-0.811	-0.713	-0.705	-0.768	-0.799	-0.831	-0.836	-0.823	-0.809
7371	73.70	-0.807	-0.822	-0.852	-0.886	-0.915	-0.932	-0.932	-0.917	-0.895	-0.874
7381	73.80	-0.863	-0.866	-0.876	-0.874	-0.852	-0.722	-0.527	-0.258	0.053	0.360
7391	73.90	0.619	0.808	0.936	1.039	1.160	1.328	1.545	1.782	1.999	2.159
7401	74.00	2.255	2.306	2.350	2.419	2.520	2.628	2.697	2.682	2.562	2.354
7411	74.10	2.102	1.860	1.665	1.526	1.423	1.324	1.204	1.062	0.918	0.800
7421	74.20	0.723	0.681	0.644	0.573	0.442	0.253	0.036	-0.163	-0.307	-0.378
7431	74.30	-0.389	-0.372	-0.358	-0.360	-0.365	-0.361	-0.252	-0.080	0.170	0.463
7441	74.40	0.754	1.000	1.176	1.280	1.325	1.336	1.327	1.315	1.303	1.292
7451	74.50	1.282	1.273	1.262	1.243	1.205	1.133	1.018	0.859	0.666	0.456
7461	74.60	0.252	0.069	-0.087	-0.221	-0.345	-0.473	-0.608	-0.746	-0.870	-0.957
7471	74.70	-0.986	-0.998	-0.853	-0.720	-0.583	-0.474	-0.414	-0.409	-0.447	-0.508
7481	74.80	-0.573	-0.634	-0.697	-0.776	-0.886	-1.026	-1.180	-1.318	-1.409	-1.434
7491	74.90	-1.398	-1.329	-1.264	-1.237	-1.258	-1.311	-1.359	-1.366	-1.310	-1.197

Table 7—35—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-1.060	-0.939	-0.871	-0.866	-0.913	-0.982	-1.043	-1.080	-1.096	-1.107
7511	75.10	-1.135	-1.193	-1.282	-1.391	-1.504	-1.610	-1.701	-1.774	-1.824	-1.844
7521	75.20	-1.826	-1.755	-1.661	-1.494	-1.332	-1.166	-1.001	-0.813	-0.581	-0.285
7531	75.30	0.072	0.461	0.834	1.142	1.356	1.476	1.537	1.586	1.665	1.791
7541	75.40	1.956	2.121	2.260	2.356	2.409	2.447	2.491	2.547	2.599	2.612
7551	75.50	2.552	2.397	2.153	1.850	1.529	1.228	0.969	0.756	0.581	0.433
7561	75.60	0.308	0.207	0.128	0.063	-0.005	-0.101	-0.241	-0.426	-0.638	-0.836
7571	75.70	-0.990	-1.076	-1.095	-1.071	-1.040	-1.032	-1.059	-1.111	-1.161	-1.194
7581	75.80	-1.187	-1.149	-1.099	-1.066	-1.062	-1.092	-1.141	-1.183	-1.193	-1.154
7591	75.90	-1.066	-0.940	-0.794	-0.650	-0.324	-0.426	-0.356	-0.310	-0.279	-0.254
7601	76.00	-0.226	-0.193	-0.156	-0.125	-0.109	-0.120	-0.159	-0.219	-0.282	-0.320
7611	76.10	-0.306	-0.217	-0.046	0.198	0.486	0.778	1.031	1.207	1.288	1.277
7621	76.20	1.201	1.103	1.025	0.996	1.023	1.082	1.133	1.137	1.069	0.933
7631	76.30	0.760	0.597	0.483	0.432	0.425	0.421	0.371	0.267	0.054	-0.166
7641	76.40	-0.356	-0.463	-0.467	-0.388	-0.279	-0.205	-0.211	-0.304	-0.453	-0.599
7651	76.50	-0.683	-0.669	-0.560	-0.393	-0.223	-0.098	-0.046	-0.064	-0.124	-0.190
7661	76.60	-0.236	-0.248	-0.233	-0.208	-0.187	-0.178	-0.174	-0.162	-0.127	-0.063
7671	76.70	0.026	0.124	0.207	0.257	0.261	0.223	0.160	0.098	0.064	0.078
7681	76.80	0.146	0.256	0.379	0.491	0.566	0.595	0.586	0.561	0.550	0.574
7691	76.90	0.639	0.735	0.836	0.913	0.946	0.931	0.882	0.823	0.777	0.762
7701	77.00	0.778	0.815	0.856	0.885	0.890	0.868	0.818	0.740	0.629	0.483
7711	77.10	0.303	0.103	-0.092	-0.249	-0.340	-0.351	-0.290	-0.188	-0.086	-0.021
7721	77.20	-0.011	-0.050	-0.108	-0.150	-0.151	-0.108	-0.062	0.009	0.009	-0.059
7731	77.30	-0.188	-0.367	-0.498	-0.609	-0.668	-0.686	-0.691	-0.709	-0.756	-0.830
7741	77.40	-0.917	-0.999	-1.063	-1.112	-1.156	-1.207	-1.271	-1.341	-1.399	-1.430
7751	77.50	-1.426	-1.395	-1.359	-1.337	-1.341	-1.365	-1.383	-1.364	-1.286	-1.166
7761	77.60	-0.957	-0.758	-0.580	-0.439	-0.331	-0.228	-0.102	0.068	0.278	0.500
7771	77.70	0.692	0.811	0.837	0.777	0.665	0.545	0.460	0.431	0.454	0.505
7781	77.80	0.553	0.573	0.558	0.516	0.472	0.445	0.448	0.477	0.513	0.536
7791	77.90	0.529	0.491	0.436	0.389	0.379	0.425	0.532	0.686	0.864	1.031
7801	78.00	1.161	1.235	1.249	1.213	1.146	1.071	1.005	0.957	0.923	0.895
7811	78.10	0.857	0.801	0.725	0.640	0.560	0.499	0.463	0.445	0.430	0.402
7821	78.20	0.369	0.278	0.205	0.157	0.150	0.185	0.245	0.297	0.312	0.278
7831	78.30	0.208	0.133	0.093	0.109	0.174	0.253	0.293	0.250	0.152	-0.093
7841	78.40	-0.304	-0.453	-0.489	-0.405	-0.238	-0.054	0.079	0.114	0.046	-0.094
7851	78.50	-0.249	-0.366	-0.402	-0.352	-0.233	-0.081	0.062	0.156	0.176	0.089
7861	78.60	-0.088	-0.344	-0.667	-0.953	-1.220	-1.419	-1.542	-1.603	-1.628	-1.644
7871	78.70	-1.662	-1.673	-1.652	-1.576	-1.435	-1.245	-1.066	-0.886	-0.808	-0.830
7881	78.80	-0.961	-1.112	-1.301	-1.470	-1.593	-1.650	-1.635	-1.566	-1.392	-1.196
7891	78.90	-0.993	-0.826	-0.726	-0.701	-0.725	-0.743	-0.693	-0.531	-0.255	0.090
7901	79.00	0.434	0.706	0.871	0.942	0.970	1.017	1.119	1.263	1.395	1.462
7911	79.10	1.357	1.142	0.861	0.609	0.472	0.492	0.643	0.851	1.025	1.102
7921	79.20	1.073	0.983	0.903	0.894	0.976	1.112	1.247	1.321	1.304	1.211
7931	79.30	1.092	0.998	0.961	0.976	1.006	1.003	0.933	0.797	0.621	0.448
7941	79.40	0.310	0.217	0.146	0.065	-0.059	-0.235	-0.443	-0.668	-0.812	-0.916
7951	79.50	-0.957	-0.967	-0.979	-1.022	-1.104	-1.213	-1.320	-1.396	-1.422	-1.397
7961	79.60	-1.338	-1.277	-1.241	-1.250	-1.304	-1.384	-1.459	-1.491	-1.455	-1.342
7971	79.70	-1.165	-0.957	-0.756	-0.597	-0.495	-0.445	-0.418	-0.379	-0.298	-0.163
7981	79.80	0.017	0.213	0.392	0.524	0.600	0.624	0.620	0.611	0.618	0.650
7991	79.90	0.705	0.772	0.840	0.900	0.947	0.979	0.999	1.010	1.017	1.031

Table 7—35—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	1.060	1.113	1.190	1.277	1.353	1.389	1.361	1.263	1.104	0.916
8011	80.10	0.737	0.597	0.514	0.478	0.457	0.449	0.405	0.329	0.234	0.146
8021	80.20	0.086	0.067	0.084	0.122	0.160	0.181	0.182	0.164	0.133	0.092
8031	80.30	0.038	-0.035	-0.130	-0.237	-0.338	-0.407	-0.425	-0.384	-0.300	-0.200
8041	80.40	-0.115	-0.065	-0.050	-0.050	-0.036	0.016	0.107	0.220	0.322	0.381
8051	80.50	0.386	0.343	0.291	0.270	0.305	0.326	0.516	0.621	0.669	0.661
8061	80.60	0.542	0.405	0.266	0.155	0.080	0.029	-0.018	-0.078	-0.149	-0.218
8071	80.70	-0.262	-0.266	-0.225	-0.166	-0.115	-0.097	-0.119	-0.167	-0.212	-0.221
8081	80.80	-0.177	-0.084	0.035	0.145	0.219	0.242	0.222	0.177	0.133	0.106
8091	80.90	0.101	0.111	0.123	0.126	0.108	0.067	0.002	-0.082	-0.177	-0.268
8101	81.00	-0.339	-0.370	-0.353	-0.292	-0.210	-0.143	-0.129	-0.193	-0.338	-0.539
8111	81.10	-0.756	-0.950	-1.092	-1.177	-1.219	-1.240	-1.259	-1.280	-1.295	-1.293
8121	81.20	-1.268	-1.227	-1.187	-1.159	-1.180	-1.215	-1.252	-1.267	-1.248	-1.198
8131	81.30	-1.131	-1.067	-1.010	-0.949	-0.859	-0.717	-0.525	-0.313	-0.134	-0.039
8141	81.40	-0.052	-0.159	-0.265	-0.311	-0.217	0.032	0.393	0.772	1.067	1.212
8151	81.50	1.203	1.105	1.014	1.021	1.163	1.409	1.676	1.860	1.884	1.732
8161	81.60	1.450	1.125	0.852	0.694	0.666	0.737	0.851	0.956	1.019	1.035
8171	81.70	1.016	0.978	0.929	0.868	0.789	0.697	0.604	0.534	0.504	0.520
8181	81.80	0.565	0.605	0.693	0.534	0.399	0.224	0.051	-0.080	-0.147	-0.151
8191	81.90	-0.115	-0.077	-0.060	-0.079	-0.131	-0.199	-0.270	-0.334	-0.390	-0.439
8201	82.00	-0.480	-0.505	-0.503	-0.467	-0.404	-0.335	-0.294	-0.310	-0.399	-0.548
8211	82.10	-0.722	-0.870	-0.953	-0.954	-0.888	-0.795	-0.721	-0.697	-0.728	-0.789
8221	82.20	-0.841	-0.851	-0.869	-0.722	-0.630	-0.563	-0.535	-0.535	-0.532	-0.496
8231	82.30	-0.409	-0.285	-0.159	-0.075	-0.059	-0.111	-0.196	-0.263	-0.267	-0.190
8241	82.40	-0.052	0.097	0.203	0.229	0.170	0.060	-0.046	-0.096	-0.063	0.047
8251	82.50	0.198	0.340	0.432	0.453	0.414	0.340	0.267	0.220	0.206	0.218
8261	82.60	0.239	0.250	0.244	0.223	0.195	0.174	0.165	0.168	0.177	0.182
8271	82.70	0.176	0.159	0.136	0.115	0.105	0.106	0.115	0.122	0.118	0.100
8281	82.80	0.072	0.044	0.028	0.031	0.050	0.070	0.072	0.040	-0.034	-0.141
8291	82.90	-0.263	-0.377	-0.465	-0.524	-0.562	-0.597	-0.645	-0.714	-0.801	-0.898
8301	83.00	-0.994	-1.082	-1.158	-1.217	-1.250	-1.241	-1.171	-1.032	-0.836	-0.609
8311	83.10	-0.404	-0.261	-0.199	-0.201	-0.217	-0.182	-0.048	0.197	0.515	0.833
8321	83.20	1.073	1.181	1.156	1.068	0.937	0.901	0.985	1.184	1.448	1.709
8331	83.30	1.908	2.015	2.037	2.005	1.955	1.909	1.868	1.817	1.739	1.627
8341	83.40	1.487	1.340	1.204	1.085	0.975	0.851	0.688	0.474	0.217	-0.059
8351	83.50	-0.313	-0.511	-0.630	-0.670	-0.652	-0.610	-0.529	-0.586	-0.638	-0.728
8361	83.60	-0.831	-0.921	-0.982	-1.010	-1.022	-1.041	-1.088	-1.169	-1.267	-1.352
8371	83.70	-1.388	-1.353	-1.253	-1.120	-1.001	-0.937	-0.943	-1.002	-1.069	-1.096
8381	83.80	-1.052	-0.940	-0.799	-0.684	-0.639	-0.678	-0.776	-0.879	-0.934	-0.909
8391	83.90	-0.811	-0.674	-0.569	-0.470	-0.465	-0.452	-0.455	-0.422	-0.349	-0.252
8401	84.00	-0.164	-0.109	-0.090	-0.084	-0.056	0.026	0.173	0.364	0.580	0.715
8411	84.10	0.800	0.811	0.765	0.690	0.612	0.543	0.479	0.412	0.337	0.256
8421	84.20	0.185	0.136	0.119	0.129	0.156	0.179	0.195	0.202	0.211	0.234
8431	84.30	0.278	0.341	0.418	0.498	0.577	0.656	0.741	0.835	0.937	1.041
8441	84.40	1.139	1.229	1.318	1.416	1.532	1.681	1.786	1.880	1.913	1.876
8451	84.50	1.784	1.676	1.606	1.614	1.714	1.879	2.051	2.159	2.147	1.995
8461	84.60	1.726	1.398	1.082	0.835	0.685	0.620	0.602	0.587	0.560	0.451
8471	84.70	0.335	0.221	0.135	0.090	0.079	0.077	0.057	-0.001	-0.100	-0.228
8481	84.80	-0.365	-0.489	-0.590	-0.672	-0.747	-0.830	-0.931	-1.054	-1.190	-1.329
8491	84.90	-1.458	-1.569	-1.655	-1.713	-1.738	-1.730	-1.693	-1.638	-1.581	-1.542

Table 7—35—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1128 501-GR-1-124 U-D (U-D) FUTTSU CAPE MAX. ACC. = -15.010 (GAL) T= 21.88 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-1.531	-1.549	-1.578	-1.593	-1.568	-1.493	-1.380	-1.258	-1.161	-1.115
8511	85.10	-1.119	-1.146	-1.157	-1.112	-1.000	-0.836	-0.665	-0.537	-0.487	-0.517
8521	85.20	-0.598	-0.676	-0.699	-0.636	-0.486	-0.278	-0.060	0.122	0.235	0.264
8531	85.30	0.219	0.119	-0.003	-0.115	-0.185	-0.189	-0.119	0.013	0.171	0.310
8541	85.40	0.381	0.359	0.250	0.089	-0.066	-0.165	-0.177	-0.109	0.009	0.136
8551	85.50	0.241	0.317	0.378	0.443	0.523	0.607	0.669	0.679	0.626	0.525
8561	85.60	0.411	0.322	0.277	0.261	0.234	0.149	-0.016	-0.244	-0.480	-0.652
8571	85.70	-0.710	-0.645	-0.503	-0.362	-0.295	-0.362	-0.488	-0.675	-0.829	-0.898
8581	85.80	-0.872	-0.784	-0.690	-0.639	-0.647	-0.696	-0.745	-0.761	-0.736	-0.694
8591	85.90	-0.676	-0.718	-0.829	-0.982	-1.123	-1.199	-1.178	-1.064	-0.893	-0.712
8601	86.00	-0.560	-0.450	-0.367	-0.279	-0.155	0.023	0.248	0.497	0.742	0.954
8611	86.10	1.118	1.227	1.284	1.297	1.276	1.233	1.186	1.146	1.123	1.117
8621	86.20	1.119	1.116	1.103	1.083	1.076	1.103	1.180	1.303	1.437	1.534
8631	86.30	1.542	1.433	1.214	0.935	0.667	0.480	0.417	0.476	0.614	0.764
8641	86.40	0.863	0.871	0.784	0.630	0.448	0.275	0.130	0.009	-0.099	-0.208
8651	86.50	-0.318	-0.421	-0.498	-0.539	-0.544	-0.532	-0.528	-0.555	-0.626	-0.731
8661	86.60	-0.848	-0.950	-1.016	-1.060	-1.033	-1.014	-1.002	-1.002	-1.009	-1.002
8671	86.70	-0.959	-0.864	-0.713	-0.520	-0.308	-0.102	0.076	0.214	0.310	0.369
8681	86.80	0.396	0.398	0.378	0.339	0.288	0.231	0.179	0.143	0.128	0.141
8691	86.90	0.184	0.257	0.361	0.497	0.661	0.843	1.023	1.177	1.279	1.313
8701	87.00	1.281	1.200	1.108	1.042	1.033	1.089	1.198	1.325	1.454	1.494
8711	87.10	1.492	1.454	1.393	1.340	1.315	1.317	1.332	1.360	1.326	1.277
8721	87.20	1.204	1.112	1.002	0.867	0.694	0.474	0.213	-0.063	-0.312	-0.494
8731	87.30	-0.588	-0.606	-0.592	-0.607	-0.703	-0.898	-1.143	-1.439	-1.654	-1.761
8741	87.40	-1.758	-1.689	-1.623	-1.619	-1.697	-1.822	-1.922	-1.917	-1.757	-1.653
8751	87.50	-1.068	-0.699	-0.430	-0.304	-0.302	-0.363	-0.408	-0.364	-0.281	-0.138
8761	87.60	-0.012	0.043	0.010	-0.087	-0.200	-0.276	-0.291	-0.254	-0.205	-0.190
8771	87.70	-0.244	-0.365	-0.526	-0.678	-0.779	-0.802	-0.750	-0.644	-0.515	-0.391
8781	87.80	-0.290	-0.221	-0.185	-0.179	-0.201	-0.244	-0.297	-0.345	-0.376	-0.380
8791	87.90	-0.354	-0.300	-0.218	-0.101	0.063	0.287	0.572	0.901	1.229	1.498
8801	88.00	1.654	1.666	1.542	1.324	1.080	0.869	0.724	0.642	0.588	0.516
8811	88.10	0.393	0.216	0.008	-0.193	-0.356	-0.477	-0.578	-0.696	-0.859	-1.066
8821	88.20	-1.281	-1.446	-1.496	-1.409	-1.209	-0.967	-0.780	-0.731	-0.858	-1.128
8831	88.30	-1.451	-1.704	-1.775	-1.608	-1.215	-0.682	-0.127	0.331	0.621	0.735
8841	88.40	0.728	0.687	0.696	0.794	0.967	1.146	1.246	1.200	0.993	0.674
8851	88.50	0.337	0.090	0.009	0.110	0.344	0.613	0.818	0.891	0.828	0.686
8861	88.60	0.551	0.507	0.587	0.769	0.973	1.105	1.089	0.900	0.574	0.191
8871	88.70	-0.159	-0.409	-0.536	-0.563	-0.544	-0.532	-0.563	-0.642	-0.750	-0.859
8881	88.80	-0.948	-1.010	-1.051	-1.076	-1.085	-1.063	-0.991	-0.852	-0.650	-0.408
8891	88.90	-0.170	0.019	0.124	0.136	0.074	-0.022	-0.105	-0.138	-0.103	-0.007
8901	89.00	0.124	0.254	0.346	0.376	0.337	0.245	0.133	0.042	0.010	0.057
8911	89.10	0.176	0.335	0.489	0.593	0.620	0.576	0.498	0.434	0.427	0.495
8921	89.20	0.622	0.766	0.878	0.925	0.901	0.832	0.756	0.709	0.703	0.728
8931	89.30	0.756	0.753	0.713	0.641	0.559	0.488	0.438	0.396	0.337	0.257
8941	89.40	0.087	-0.099	-0.292	-0.458	-0.575	-0.639	-0.667	-0.677	-0.684	-0.686
8951	89.50	-0.670	-0.622	-0.536	-0.422	-0.304	-0.211	-0.161	-0.157	-0.188	-0.232
8961	89.60	-0.271	-0.294	-0.303	-0.302	-0.300	-0.297	-0.296	-0.290	-0.287	-0.289
8971	89.70	-0.296	-0.300	-0.288	-0.246	-0.164	-0.051	0.069	0.167	0.220	0.229
8981	89.80	0.219	0.229	0.293	0.422	0.593	0.762	0.885	0.943	0.950	0.950
8991	89.90	0.985	1.071	1.174	1.224	1.138	0.869	0.435	-0.078	-0.542	-0.834

Table 7—36—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.340	-1.489	2.331	5.771	7.514	6.851	4.016	0.119	-3.309	-4.965
11	0.10	-4.330	-1.883	1.135	3.280	3.543	1.768	-1.315	-4.453	-6.437	-6.610
21	0.20	-5.092	-2.654	-0.318	1.109	1.341	0.653	-0.339	-1.014	-1.036	-0.466
31	0.30	0.330	0.899	0.926	0.360	-0.602	-1.637	-2.444	-2.850	-2.834	-2.484
41	0.40	-1.524	-1.261	-0.566	0.119	0.756	1.311	1.742	2.011	2.077	1.902
51	0.50	1.457	0.762	-0.074	-0.836	-1.225	-0.966	0.054	1.669	3.415	4.648
61	0.60	4.782	3.558	1.208	-1.571	-3.860	-4.886	-4.357	-2.611	-0.483	1.055
71	0.70	1.332	0.295	-1.449	-2.901	-3.122	-1.683	1.109	4.306	6.704	7.345
81	0.80	5.921	2.907	-0.643	-3.525	-4.860	-4.419	-2.657	-0.471	1.208	1.800
91	0.90	1.287	0.165	-0.819	-1.028	-0.219	1.345	3.013	4.033	3.875	2.465
101	1.00	0.237	-2.038	-3.543	-3.742	-2.585	-0.531	1.633	3.094	3.325	2.267
111	1.10	0.334	-1.777	-3.370	-4.011	-3.662	-2.645	-1.451	-0.508	-0.003	0.155
121	1.20	0.238	0.513	1.078	1.797	2.369	2.481	1.981	0.957	-0.293	-1.402
131	1.30	-2.102	-2.337	-2.261	-2.127	-2.136	-2.313	-2.491	-2.410	-1.872	-0.883
141	1.40	0.315	1.321	1.755	1.440	0.496	-0.679	-1.588	-1.827	-1.256	-0.105
151	1.50	1.207	2.164	2.400	1.833	0.678	-0.657	-1.742	-2.297	-2.275	-1.865
161	1.60	-1.280	-0.821	-0.561	-0.425	-0.223	0.227	0.987	1.935	2.798	3.258
171	1.70	3.088	2.267	1.012	-0.269	-1.213	-1.461	-0.967	0.082	1.327	2.377
181	1.80	2.962	3.019	2.686	2.213	1.824	1.610	1.484	1.259	0.664	-0.333
191	1.90	-1.649	-2.994	-3.999	-4.348	-3.909	-2.788	-1.293	0.175	1.261	1.767
201	2.00	1.698	1.234	0.645	0.190	0.036	0.220	0.660	1.198	1.655	1.882
211	2.10	1.799	1.404	0.780	0.074	-0.535	-0.874	-0.828	-0.372	0.408	1.324
221	2.20	2.125	2.557	2.429	1.661	0.315	-1.609	-3.211	-4.750	-5.715	-5.907
231	2.30	-5.282	-3.981	-2.297	-0.604	0.742	1.513	1.666	1.351	0.843	0.426
241	2.40	0.278	0.398	0.615	0.678	0.378	-0.332	-1.294	-2.190	-2.664	-2.472
251	2.50	-1.590	-0.239	1.190	2.274	2.700	2.368	1.403	0.090	-1.234	-2.282
261	2.60	-2.884	-2.991	-2.647	-1.964	-0.998	0.065	1.096	1.930	2.403	2.394
271	2.70	1.879	0.955	-0.172	-1.236	-1.988	-2.274	-2.071	-1.483	-0.695	0.099
281	2.80	0.753	1.201	1.457	1.580	1.635	1.661	1.658	1.603	1.471	1.258
291	2.90	0.994	0.734	0.544	0.470	0.521	0.661	0.822	0.921	0.892	0.710
301	3.00	0.401	0.032	-0.305	-0.524	-0.573	-0.453	-0.220	0.028	0.177	0.130
311	3.10	-0.155	-0.638	-1.190	-1.603	-1.645	-1.132	-0.009	1.589	3.357	4.784
321	3.20	5.482	5.146	3.775	1.695	-0.525	-2.246	-2.988	-2.594	-1.297	0.375
331	3.30	1.804	2.521	2.375	1.567	0.538	-0.248	-0.507	-0.249	0.257	0.635
341	3.40	0.597	0.093	-0.671	-1.333	-1.562	-1.215	-0.405	0.556	1.307	1.609
351	3.50	1.436	0.971	0.487	0.197	0.145	0.191	0.098	-0.328	-1.115	-2.085
361	3.60	-2.918	-3.290	-3.020	-2.160	-0.981	0.127	0.806	0.867	0.351	-0.499
371	3.70	-1.334	-1.840	-1.840	-1.358	-0.597	0.135	0.536	0.619	-0.220	-1.181
381	3.80	-2.112	-2.620	-2.486	-1.361	0.319	2.220	3.806	4.606	4.394	3.283
391	3.90	1.702	0.241	-0.581	-0.528	0.244	1.245	1.850	1.572	0.285	-1.696
401	4.00	-3.725	-5.078	-5.251	-4.171	-2.222	-0.089	1.536	2.233	2.016	1.291
411	4.10	0.648	0.571	1.209	2.309	3.340	3.744	3.202	1.787	-0.065	-1.748
421	4.20	-2.750	-2.863	-2.247	-1.327	-0.577	-0.300	-0.518	-1.002	-1.434	-1.585
431	4.30	-1.442	-1.186	-1.057	-1.200	-1.525	-1.742	-1.504	-0.613	0.817	2.353
441	4.40	3.390	3.420	2.278	0.262	-1.954	-3.573	-4.009	-3.128	-1.322	0.649
451	4.50	1.958	2.047	0.860	-1.236	-3.431	-4.967	-5.330	-4.439	-2.642	-0.559
461	4.60	1.162	2.080	2.085	1.407	0.492	-0.178	-0.261	0.320	1.364	2.459
471	4.70	3.139	3.048	2.080	0.428	-1.456	-3.012	-3.755	-3.446	-2.176	-0.330
481	4.80	1.548	2.958	3.606	3.484	2.832	2.004	1.315	0.923	0.810	0.844
491	4.90	0.887	0.878	0.849	0.876	0.998	1.156	1.209	1.013	0.525	-0.129

Table 7—36—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.679	-0.814	-0.335	0.725	2.083	3.298	3.947	3.793	2.875	1.486
511	5.10	0.036	-1.108	-1.751	-1.906	-1.729	-1.416	-1.103	-0.831	-0.571	-0.287
521	5.20	0.018	0.293	0.485	0.589	0.667	0.819	1.112	1.510	1.854	1.915
531	5.30	1.497	0.545	-0.810	-2.288	-3.567	-4.412	-4.756	-4.692	-4.392	-3.993
541	5.40	-3.525	-2.920	-2.099	-1.076	-0.022	0.766	0.992	0.512	-0.554	-1.833
551	5.50	-2.832	-3.136	-2.596	-1.396	0.018	1.133	1.595	1.358	0.706	0.115
561	5.60	0.043	0.718	2.035	3.581	4.796	5.174	4.466	2.749	0.408	-2.002
571	5.70	-3.930	-4.988	-5.052	-4.257	-2.931	-1.474	-0.229	0.598	0.969	0.988
581	5.80	0.821	0.625	0.492	0.432	0.405	0.369	0.315	0.281	0.320	0.466
591	5.90	0.696	0.934	1.090	1.110	1.014	0.895	0.866	0.996	1.256	1.528
601	6.00	1.656	1.586	1.335	1.084	1.047	1.349	1.913	2.446	2.538	1.855
611	6.10	0.335	-1.703	-3.620	-4.672	-4.316	-2.465	0.614	3.618	5.513	5.909
621	6.20	4.363	1.285	-2.387	-5.505	-7.095	-6.677	-4.403	-0.987	2.550	5.210
631	6.30	6.315	5.686	3.652	0.908	-1.723	-3.561	-4.164	-3.611	-2.259	-0.695
641	6.40	0.481	0.857	0.234	-1.160	-2.935	-4.581	-5.629	-5.771	-4.915	-3.183
651	6.50	-0.862	1.659	3.957	5.641	6.412	6.123	4.835	2.827	0.559	-1.434
661	6.60	-2.688	-2.962	-2.316	-1.098	0.187	1.070	1.302	0.941	0.317	-0.129
671	6.70	-0.051	0.633	1.702	2.733	3.299	3.181	2.483	1.597	1.032	1.167
681	6.80	2.059	3.378	4.522	4.849	3.953	1.837	-1.061	-4.022	-6.303	-7.398
691	6.90	-7.187	-5.936	-4.155	-2.370	-0.948	-0.011	0.532	0.857	1.087	1.221
701	7.00	1.144	0.727	-0.055	-1.056	-1.978	-2.473	-2.295	-1.413	-0.066	1.408
711	7.10	2.524	3.003	2.784	2.051	1.155	0.473	0.274	0.636	1.437	2.408
721	7.20	3.231	3.623	3.407	2.550	1.163	-0.507	-2.316	-3.277	-3.648	-3.028
731	7.30	-1.653	0.770	3.101	4.892	5.580	4.872	2.869	0.068	-2.780	-4.890
741	7.40	-5.701	-5.045	-3.192	-0.740	1.600	3.243	3.901	3.635	2.766	1.711
751	7.50	0.801	0.180	-0.204	-0.516	-0.872	-1.310	-1.713	-1.909	-1.783	-1.364
761	7.60	-0.844	-0.499	-0.552	-1.053	-1.841	-2.610	-3.069	-3.093	-2.804	-2.513
771	7.70	-2.552	-3.075	-3.924	-4.661	-4.752	-3.839	-1.956	0.412	2.496	3.560
781	7.80	3.237	1.722	-0.278	-1.833	-2.188	-1.091	1.091	3.541	5.368	5.899
791	7.90	5.117	3.442	1.584	0.172	-0.529	-0.690	-0.755	-1.150	-2.007	-3.060
801	8.00	-3.762	-3.566	-2.225	0.060	2.599	4.660	5.594	5.196	3.735	1.830
811	8.10	0.359	-0.812	-0.984	-0.615	-0.155	-0.037	-0.498	-1.515	-2.865	-4.136
821	8.20	-5.042	-5.315	-4.838	-3.640	-1.892	0.106	1.965	3.279	3.733	3.222
831	8.30	1.906	0.190	-1.405	-2.426	-2.649	-2.148	-1.241	-0.325	0.297	0.538
841	8.40	0.518	0.453	0.505	0.677	0.825	0.762	0.400	-0.157	-0.652	-0.804
851	8.50	-0.483	0.189	0.880	1.222	1.024	0.415	-0.192	-0.311	0.338	1.613
861	8.60	2.954	3.615	3.033	1.162	-1.419	-3.702	-4.677	-3.805	-1.308	1.883
871	8.70	4.507	5.526	4.584	2.173	-0.595	-2.686	-2.705	-1.242	1.144	3.279
881	8.80	4.109	3.164	0.736	-2.276	-4.778	-5.940	-5.503	-3.814	-1.605	0.359
891	8.90	1.574	1.947	1.722	1.290	0.974	0.894	0.962	0.966	0.695	0.019
901	9.00	-1.080	-2.526	-4.178	-5.832	-7.224	-8.039	-7.974	-6.846	-4.708	-1.918
911	9.10	0.906	3.049	3.929	3.307	1.587	-1.252	-3.854	-5.745	-6.536	-6.200
921	9.20	-4.996	-3.310	-1.481	0.287	1.914	3.369	4.480	5.110	5.015	4.082
931	9.30	2.424	0.405	-1.456	-2.661	-2.954	-2.410	-1.408	-0.447	0.087	0.110
941	9.40	-0.125	-0.156	0.429	1.773	3.635	5.485	6.747	7.109	6.709	6.126
951	9.50	6.133	7.316	9.741	12.817	15.446	16.333	14.971	11.018	5.386	-0.511
961	9.60	-5.140	-7.392	-6.945	-4.330	-0.667	2.780	5.063	5.825	5.311	4.153
971	9.70	3.038	2.425	2.423	2.838	3.346	3.681	3.745	3.613	3.447	3.383
981	9.80	3.454	3.577	3.800	3.371	2.793	1.855	0.627	-0.733	-2.025	-3.030
991	9.90	-3.567	-3.563	-3.110	-2.475	-2.032	-2.143	-2.991	-4.488	-6.290	-7.938

Table 7—36—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-9.079	-9.649	-9.932	-10.437	-11.630	-13.661	-16.203	-18.517	-19.733	-19.225
1011	10.10	-16.919	-13.378	-9.615	-6.715	-5.414	-5.862	-7.509	-9.551	-11.096	-11.578
1021	10.20	-10.903	-9.359	-7.402	-5.413	-3.556	-1.794	-0.013	1.825	3.617	5.172
1031	10.30	6.355	7.232	8.109	9.432	11.567	14.573	18.078	21.331	23.441	23.706
1041	10.40	21.893	18.568	13.988	9.823	6.778	5.298	5.243	5.992	6.763	6.896
1051	10.50	6.183	4.902	3.653	3.029	3.278	4.098	5.697	6.408	6.653	6.459
1061	10.60	-7.968	-12.757	-15.352	-14.551	-10.126	-2.983	5.105	12.085	16.316	17.072
1071	10.70	16.678	10.241	5.131	0.445	-3.296	-6.161	-8.630	-10.437	-12.167	-13.266
1081	10.80	-13.664	-12.672	-11.241	-9.856	-9.199	-9.360	-10.479	-10.997	-9.850	-6.145
1091	10.90	0.150	8.016	15.622	20.930	22.427	19.689	13.552	5.807	-1.442	-6.517
1101	11.00	-8.723	-8.515	-7.240	-6.569	-7.838	-11.532	-17.083	-23.038	-27.514	-28.788
1111	11.10	-25.835	-18.644	-8.251	3.517	14.490	22.658	26.607	25.777	20.529	12.029
1121	11.20	2.017	-7.686	-14.506	-17.437	-15.367	-8.353	2.436	14.792	25.842	32.696
1131	11.30	33.238	26.834	16.693	-0.304	-14.324	-23.657	-25.826	-20.333	-8.799	5.555
1141	11.40	18.903	27.926	30.674	26.937	18.029	6.222	-5.999	-16.538	-24.041	-27.962
1151	11.50	-28.448	-27.164	-22.112	-17.476	-13.432	-10.903	-10.299	-11.341	-13.071	-14.130
1161	11.60	-13.244	-9.766	-5.937	2.923	9.017	12.660	12.995	10.419	6.523	3.540
1171	11.70	3.489	7.335	14.504	22.976	29.927	32.726	29.897	21.728	10.236	-1.442
1181	11.80	-10.063	-13.319	-10.542	-2.851	7.275	16.813	23.084	24.418	20.421	11.868
1191	11.90	0.218	-12.601	-24.718	-36.399	-40.201	-41.153	-37.027	-28.620	-17.854	-7.491
1201	12.00	-0.437	1.229	-2.864	-11.003	-19.790	-25.265	-24.392	-16.312	-2.819	12.205
1211	12.10	24.197	29.639	27.369	18.962	8.041	-1.164	-5.383	-3.348	4.022	14.274
1221	12.20	24.497	32.308	36.350	36.262	32.300	24.997	15.073	3.611	-7.745	-16.870
1231	12.30	-21.685	-20.997	-15.258	-6.787	0.802	3.872	0.250	-9.708	-23.005	-34.955
1241	12.40	-40.862	-37.763	-25.523	-6.883	13.525	30.743	41.007	42.692	36.437	24.591
1251	12.50	10.307	-3.324	-15.843	-19.792	-20.570	-16.581	-9.032	0.251	9.178	15.884
1261	12.60	19.228	19.088	16.290	12.162	7.902	4.050	0.362	-3.860	-9.116	-15.098
1271	12.70	-20.478	-23.259	-21.583	-14.636	-3.226	10.280	22.656	30.872	33.075	29.096
1281	12.80	20.334	9.129	-2.052	-11.278	-17.446	-20.224	-19.795	-16.635	-11.433	-5.144
1291	12.90	0.976	5.497	7.145	5.237	0.017	-7.286	-14.775	-20.456	-22.852	-21.427
1301	13.00	-16.647	-9.720	-2.136	4.757	10.018	13.151	14.017	12.729	9.606	5.202
1311	13.10	0.323	-4.059	-7.031	-8.033	-7.093	-4.860	-2.372	-0.636	-0.190	-0.841
1321	13.20	-1.735	-1.716	0.153	4.150	9.737	15.742	20.800	23.861	24.519	23.047
1331	13.30	20.144	16.525	12.595	8.332	3.467	-2.177	-8.351	-14.249	-18.678	-20.473
1341	13.40	-18.978	-16.398	-7.826	-0.936	4.553	7.440	7.401	5.035	1.574	-1.601
1351	13.50	-3.458	-3.890	-2.393	-0.661	0.567	0.467	-1.323	-4.603	-8.686	-12.607
1361	13.60	-15.392	-14.331	-15.181	-12.229	-8.216	-4.102	-0.751	1.367	2.229	2.383
1371	13.70	2.478	2.993	3.929	4.731	4.513	2.474	-1.645	-7.301	-13.221	-17.790
1381	13.80	-19.613	-18.000	-13.178	-6.166	1.604	8.733	14.163	17.268	17.780	15.681
1391	13.90	11.206	6.953	-1.966	-7.960	-11.259	-10.483	-5.258	3.429	13.363	21.774
1401	14.00	26.307	25.895	21.142	14.024	7.040	2.182	0.194	0.433	1.350	1.311
1411	14.10	-0.663	-4.576	-9.654	-14.881	-19.512	-23.279	-26.192	-28.134	-28.561	-26.578
1421	14.20	-21.436	-13.190	-3.156	6.241	12.227	12.805	7.748	-1.072	-10.217	-15.929
1431	14.30	-15.578	-8.697	2.841	15.568	25.631	30.315	28.660	21.606	11.357	0.447
1441	14.40	-9.050	-15.912	-19.705	-20.662	-18.377	-13.698	-6.850	1.378	9.768	16.858
1451	14.50	21.339	22.496	20.665	16.180	11.011	6.268	2.794	0.812	0.073	0.186
1461	14.60	0.236	2.416	4.907	8.574	13.147	17.765	21.091	21.693	18.538	11.436
1471	14.70	1.237	-10.288	-20.865	-28.305	-31.075	-28.700	-21.854	-12.166	-1.783	7.165
1481	14.80	12.930	14.641	12.180	6.183	-2.187	-11.480	-20.162	-26.796	-30.197	-29.603
1491	14.90	-24.834	-16.609	-5.530	6.087	16.552	24.206	27.986	27.633	23.676	17.229

Table 7—36—4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	9.673	2.366	-3.581	-7.415	-8.766	-7.694	-4.666	-0.551	3.506	6.321
1511	15.10	6.999	5.246	1.527	-3.034	-7.004	-9.131	-8.780	-6.118	-1.998	2.432
1521	15.20	6.189	8.795	10.355	11.370	12.394	13.722	15.247	16.518	16.957	16.098
1531	15.30	13.746	10.026	5.323	0.201	-4.676	-8.630	-11.077	-11.698	-10.612	-8.473
1541	15.40	-6.374	-5.515	-6.730	-10.048	-14.533	-18.514	-20.191	-18.372	-13.029	-5.408
1551	15.50	2.398	8.220	10.627	9.400	5.511	0.622	-3.601	-6.049	-6.367	-4.774
1561	15.60	-1.694	2.546	7.736	13.567	19.240	23.536	24.881	22.036	14.734	4.064
1571	15.70	-7.671	-17.649	-23.506	-24.187	-20.292	-13.760	-7.041	-2.135	0.086	-0.006
1581	15.80	-1.208	-2.220	-2.256	-1.315	0.022	1.064	1.492	1.555	1.901	3.146
1591	15.90	5.424	8.184	10.349	10.774	8.776	4.498	-1.081	-6.473	-10.209	-11.323
1601	16.00	-9.614	-5.600	-0.239	5.444	10.640	14.872	17.960	19.778	20.331	19.535
1611	16.10	17.384	14.030	9.838	5.326	1.005	-2.818	-6.154	-9.302	-12.652	-16.404
1621	16.20	-20.337	-23.755	-25.693	-25.303	-22.297	-17.209	-11.330	-6.291	-3.417	-3.148
1631	16.30	-4.769	-6.654	-6.944	-6.410	0.882	7.441	12.857	14.786	11.999	5.033
1641	16.40	-3.886	-11.654	-15.508	-16.162	-8.334	-0.455	6.357	9.566	8.247	3.392
1651	16.50	-2.592	-6.947	-7.721	-4.510	1.487	8.088	13.088	15.146	14.214	11.405
1661	16.60	8.396	6.693	7.058	9.311	12.517	15.413	16.867	16.199	13.285	8.482
1671	16.70	2.459	-3.978	-10.022	-14.963	-18.277	-19.692	-19.250	-17.295	-14.405	-11.254
1681	16.80	-8.455	-6.434	-5.372	-5.219	-5.757	-6.674	-7.633	-8.317	-8.478	-7.973
1691	16.90	-6.797	-5.083	-3.043	-0.889	1.258	3.385	5.520	7.596	9.317	10.147
1701	17.00	9.666	6.872	2.537	-2.628	-7.084	-9.119	-7.496	-2.058	6.024	14.485
1711	17.10	20.686	22.540	19.301	11.879	2.530	-5.956	-11.257	-12.310	-9.581	-4.739
1721	17.20	0.100	3.219	3.885	2.470	0.099	-1.951	-2.810	-2.301	-0.850	0.872
1731	17.30	2.357	3.508	4.614	6.082	8.100	10.419	12.386	13.216	12.373	9.874
1741	17.40	6.344	2.804	0.258	-0.715	-0.198	1.110	2.189	2.119	0.432	-2.747
1751	17.50	-6.792	-10.860	-14.209	-16.415	-17.619	-17.445	-16.716	-15.521	-13.971	-12.149
1761	17.60	-10.179	-8.255	-6.584	-5.269	-4.186	-2.966	-1.112	1.781	5.792	10.555
1771	17.70	15.318	19.187	21.449	21.836	20.618	18.673	16.193	14.569	13.175	12.349
1781	17.80	11.367	9.708	7.101	3.644	-0.249	-4.013	-7.129	-9.304	-10.498	-10.885
1791	17.90	-10.750	-10.366	-9.920	-9.475	-8.979	-8.304	-7.299	-5.867	-4.029	-1.967
1801	18.00	-0.008	1.471	2.200	2.175	1.729	1.482	2.111	4.057	7.266	11.105
1811	18.10	14.514	16.361	15.860	12.882	8.005	2.298	-3.093	-7.345	-10.190	-11.870
1821	18.20	-12.869	-13.571	-14.024	-13.929	-12.865	-10.609	-7.373	-3.841	-0.939	0.530
1831	18.30	0.233	-1.561	-3.986	-6.093	-7.052	-6.418	-4.384	-1.438	1.775	4.701
1841	18.40	6.978	8.414	8.902	8.363	6.771	4.266	1.248	-1.611	-3.519	-3.828
1851	18.50	-2.310	0.688	4.310	7.473	9.249	9.199	7.504	4.840	2.080	-0.178
1861	18.60	-1.661	-2.632	-3.589	-4.966	-6.245	-8.557	-9.627	-9.209	-6.947	-3.127
1871	18.70	1.313	5.049	6.810	5.833	2.159	-3.331	-9.188	-13.736	-15.749	-14.618
1881	18.80	-10.580	-6.581	2.038	7.938	12.130	14.185	14.265	12.973	11.126	9.472
1891	18.90	8.501	8.317	8.660	9.019	8.820	7.619	5.242	1.933	-1.889	-5.593
1901	19.00	-8.632	-10.704	-11.838	-12.342	-12.642	-13.060	-13.435	-14.061	-13.792	-12.266
1911	19.10	-9.176	-6.656	0.684	5.905	10.018	12.277	12.394	10.587	7.468	3.825
1921	19.20	0.394	-2.300	-4.001	-4.677	-4.436	-3.440	-1.867	0.096	2.263	4.356
1931	19.30	6.225	7.691	8.680	9.207	9.358	9.244	8.969	8.609	8.208	7.777
1941	19.40	7.297	6.697	5.859	4.827	2.868	0.345	-2.213	-5.092	-7.640	-9.386
1951	19.50	-9.983	-9.320	-7.564	-5.110	-2.471	-0.143	1.497	2.246	2.084	1.168
1961	19.60	-0.299	-1.910	-3.312	-4.205	-4.472	-4.286	-4.003	-4.261	-5.523	-7.909
1971	19.70	-10.996	-13.822	-15.149	-15.893	-9.586	-2.664	5.558	13.251	18.654	20.663
1981	19.80	19.182	15.121	10.026	5.507	2.691	1.909	2.216	4.199	5.421	5.296
1991	19.90	5.261	4.187	3.129	2.512	2.438	2.447	2.665	2.023	0.470	-1.921

Table 7—36—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1129 501-GR-1-126 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-4.778	-7.562	-9.747	-10.971	-11.123	-10.340	-8.940	-7.314	-5.817	-4.680
2011	20.10	-3.959	-3.536	-3.162	-2.562	-1.441	0.209	2.248	4.261	5.749	6.069
2021	20.20	4.815	1.877	-2.438	-7.418	-12.072	-15.360	-16.456	-14.978	-11.116	-5.596
2031	20.30	0.486	5.937	9.776	11.445	10.904	8.575	5.169	1.469	-1.860	-4.377
2041	20.40	-5.883	-6.366	-5.935	-4.768	-3.095	-1.198	0.591	1.941	2.592	2.440
2051	20.50	1.596	0.317	-0.987	-1.986	-2.692	-2.530	-2.290	-2.023	-1.893	-1.879
2061	20.60	-1.756	-1.164	0.245	2.661	6.015	9.952	13.902	17.210	19.279	19.694
2071	20.70	18.299	15.215	10.806	5.618	0.294	-4.517	-8.245	-10.483	-11.052	-9.991
2081	20.80	-7.653	-4.568	-1.411	1.114	2.410	2.103	0.241	-2.847	-6.400	-9.446
2091	20.90	-11.011	-10.365	-7.246	-1.989	4.505	10.953	15.982	18.458	17.751	13.866
2101	21.00	7.416	-0.536	-8.711	-15.849	-20.399	-23.153	-22.325	-18.590	-12.585	-5.352
2111	21.10	1.810	7.626	11.068	11.712	9.842	6.386	2.629	-0.216	-1.416	-0.944
2121	21.20	0.576	2.192	3.079	2.924	2.068	1.325	1.573	3.280	6.225	9.518
2131	21.30	11.961	12.559	10.969	7.664	3.733	0.406	-1.481	-1.834	-1.306	-0.960
2141	21.40	-1.748	-4.066	-7.544	-11.226	-13.961	-14.886	-13.760	-11.067	-7.498	-4.184
2151	21.50	-1.749	-0.440	-0.081	-0.246	-0.450	-0.288	0.526	2.166	4.690	7.979
2161	21.60	11.632	14.916	16.841	16.610	12.995	6.684	-1.551	-9.991	-16.606	-19.678
2171	21.70	-18.566	-13.027	-5.154	3.058	9.361	12.099	10.651	5.533	-1.815	-9.488
2181	21.80	-15.630	-18.868	-18.575	-14.915	-8.717	-1.229	6.172	12.262	16.186	17.593
2191	21.90	16.658	13.991	10.463	6.983	4.277	2.745	2.402	2.958	3.938	4.854
2201	22.00	5.340	5.219	4.498	3.310	1.844	0.283	-1.210	-2.692	-3.430	-3.925
2211	22.10	-3.954	-3.637	-3.261	-3.250	-4.036	-5.881	-8.703	-11.998	-14.919	-16.513
2221	22.20	-16.055	-13.346	-8.854	-3.611	1.127	4.319	5.525	5.066	3.870	3.084
2231	22.30	3.575	5.564	8.517	11.372	12.973	12.553	10.037	6.055	1.685	-1.971
2241	22.40	-4.160	-4.677	-3.811	-2.112	-0.129	1.776	3.439	4.774	5.639	5.767
2251	22.50	4.858	2.757	-0.358	-3.919	-7.094	-9.068	-9.359	-8.022	-5.638	-3.084
2261	22.60	-1.182	-0.385	-0.668	-1.515	-2.383	-2.802	-2.655	-2.155	-1.652	-1.389
2271	22.70	-1.324	-1.128	-0.363	1.261	3.670	6.391	8.701	9.917	9.668	8.037
2281	22.80	5.498	2.696	0.186	-1.745	-3.085	-3.948	-4.391	-4.299	-3.441	-1.665
2291	22.90	0.869	3.586	5.606	6.067	4.540	1.312	-2.607	-5.817	-7.078	-5.845
2301	23.00	-2.551	1.525	4.759	5.840	4.324	0.810	-3.313	-6.456	-7.466	-6.076
2311	23.10	-2.927	0.766	3.757	5.289	5.304	4.349	3.225	2.569	2.591	3.056
2321	23.20	3.492	3.481	2.881	1.867	0.790	-0.050	-0.583	-1.017	-1.725	-3.043
2331	23.30	-5.096	-7.722	-10.530	-13.046	-14.871	-15.786	-15.758	-14.912	-13.445	-11.581
2341	23.40	-9.544	-7.546	-5.758	-4.272	-3.058	-1.971	-0.806	0.603	2.283	4.115
2351	23.50	5.844	7.258	8.302	9.132	10.048	11.309	12.941	14.627	15.774	15.747
2361	23.60	14.174	11.177	7.408	3.852	1.464	0.802	1.819	3.899	6.129	7.885
2371	23.70	8.033	7.235	5.626	3.456	1.619	-0.471	-2.797	-5.535	-8.830	-11.701
2381	23.80	-14.123	-15.277	-14.821	-12.872	-9.996	-6.989	-4.590	-3.197	-2.762	-2.866
2391	23.90	-2.952	-2.581	-1.614	-0.240	1.150	2.158	2.562	2.396	1.913	1.450
2401	24.00	1.277	1.482	1.947	2.406	2.551	2.157	1.164	-0.292	-1.904	-3.268
2411	24.10	-3.992	-3.806	-2.660	-0.766	1.431	3.361	4.495	4.521	3.473	1.744
2421	24.20	-0.022	-1.138	-1.110	0.187	2.452	5.056	7.242	8.364	8.071	6.386
2431	24.30	3.666	0.476	-2.571	-4.917	-6.156	-6.058	-4.587	-1.920	1.539	5.180
2441	24.40	8.262	10.070	10.101	8.243	4.850	0.672	-3.347	-6.359	-7.865	-7.855
2451	24.50	-6.767	-5.293	-4.109	-3.636	-3.920	-4.675	-5.447	-5.827	-5.612	-4.860
2461	24.60	-3.822	-2.808	-2.032	-1.536	-1.182	-0.756	-0.071	0.927	2.126	3.282
2471	24.70	4.110	4.382	4.002	3.053	1.667	0.166	-1.221	-2.288	-2.919	-3.073
2481	24.80	-2.765	-2.644	-0.978	0.338	1.770	3.140	4.254	4.861	4.815	4.128
2491	24.90	2.901	1.391	-0.078	-1.210	-1.831	-1.933	-1.655	-1.202	-0.738	-0.304

Table 7—36—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1129 501-GR-1-126 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.200	0.945	2.057	3.503	5.036	6.250	6.723	6.196	4.712	2.643
2511	25.10	0.584	-0.856	-1.283	-0.661	0.667	2.124	3.117	3.270	2.549	1.255
2521	25.20	-0.122	-1.114	-1.457	-1.173	-0.531	0.099	0.410	0.278	-0.214	-0.854
2531	25.30	-1.126	-1.830	-2.128	-2.507	-3.165	-4.192	-5.479	-6.725	-7.515	-7.465
2541	25.40	-6.357	-4.236	-1.408	1.630	4.327	6.223	7.070	6.875	5.882	4.682
2551	25.50	3.094	2.035	1.444	1.253	1.241	1.129	0.706	-0.076	-1.067	-1.969
2561	25.60	-2.447	-2.272	-1.443	-0.209	0.986	1.661	1.475	0.362	-1.428	-3.408
2571	25.70	-5.024	-5.840	-5.684	-4.680	-3.176	-1.591	-0.265	0.648	1.178	1.479
2581	25.80	1.720	2.003	2.355	2.660	2.922	3.106	3.245	3.369	3.456	3.409
2591	25.90	3.050	2.413	1.434	0.396	-0.328	-0.379	0.412	1.900	3.616	4.922
2601	26.00	5.248	4.330	2.336	-0.190	-2.555	-4.207	-4.961	-5.061	-5.030	-5.586
2611	26.10	-6.357	-7.730	-8.923	-9.239	-8.198	-5.790	-2.507	0.839	3.457	4.898
2621	26.20	5.223	4.924	4.654	4.891	5.696	6.682	7.203	6.672	4.868	1.966
2631	26.30	-1.354	-4.369	-6.504	-7.556	-7.719	-7.432	-7.166	-7.126	-7.372	-7.688
2641	26.40	-7.830	-7.660	-7.206	-6.627	-6.099	-5.709	-5.406	-5.043	-4.473	-3.634
2651	26.50	-2.574	-1.405	-0.210	1.029	2.433	4.145	6.210	8.474	10.587	12.099
2661	26.60	12.634	12.062	10.572	8.623	6.774	5.478	4.913	4.935	5.168	5.179
2671	26.70	4.673	3.609	2.205	0.833	-0.150	-0.550	-0.398	0.075	0.558	0.800
2681	26.80	0.709	0.378	0.016	-0.168	-0.091	0.152	0.305	0.069	-0.762	-2.176
2691	26.90	-3.917	-5.551	-6.620	-6.817	-6.108	-4.751	-3.195	-1.907	-1.201	-1.135
2701	27.00	-1.526	-2.059	-2.462	-2.611	-2.571	-2.517	-2.597	-2.807	-2.943	-2.665
2711	27.10	-1.650	0.236	2.831	5.681	8.162	9.672	9.822	8.552	6.131	3.064
2721	27.20	-0.070	-2.771	-4.729	-5.864	-6.295	-6.266	-6.049	-5.863	-5.816	-5.892
2731	27.30	-5.978	-5.934	-5.670	-5.206	-4.681	-4.305	-4.248	-4.540	-5.001	-5.271
2741	27.40	-4.924	-3.650	-1.411	1.488	4.467	6.847	8.087	7.974	6.686	4.714
2751	27.50	2.680	1.096	0.220	0.005	0.182	0.428	0.506	0.357	0.084	-0.133
2761	27.60	-0.142	0.101	0.531	1.022	1.466	1.820	2.134	2.497	2.974	3.561
2771	27.70	4.162	4.623	4.787	4.560	3.960	3.029	2.001	1.060	0.406	0.195
2781	27.80	0.519	1.383	2.682	4.185	5.551	6.372	6.279	5.053	2.744	-0.283
2791	27.90	-3.396	-5.841	-6.960	-6.406	-4.275	-1.098	2.319	3.153	6.832	7.206
2801	28.00	6.565	5.486	4.586	4.280	4.645	5.439	6.256	6.733	6.710	6.258
2811	28.10	5.590	4.887	4.161	3.217	1.756	-0.441	-3.333	-6.554	-9.492	-11.510
2821	28.20	-12.190	-11.501	-9.814	-7.748	-5.936	-4.784	-4.391	-4.562	-4.983	-5.395
2831	28.30	-5.712	-6.005	-6.401	-6.930	-7.439	-7.619	-7.135	-5.806	-3.751	-1.402
2841	28.40	0.609	1.669	1.612	-0.127	-2.498	-4.966	-6.735	-7.180	-6.018	-3.565
2851	28.50	0.329	4.424	8.264	11.318	13.258	13.961	13.462	11.893	9.439	6.335
2861	28.60	2.895	-0.467	-3.244	-4.917	-5.093	-3.659	-0.896	2.519	5.656	7.580
2871	28.70	7.661	5.785	2.423	-1.503	-4.918	-6.943	-7.174	-5.776	-3.582	-0.820
2881	28.80	1.187	2.249	2.381	1.901	1.228	0.680	0.357	0.160	-0.097	-0.530
2891	28.90	-1.095	-1.575	-1.688	-1.220	-0.150	1.315	2.801	3.900	4.313	3.955
2901	29.00	2.964	1.666	0.357	-0.611	-1.101	-1.112	-0.756	-0.196	0.420	1.002
2911	29.10	1.524	2.004	2.477	2.958	3.428	3.833	4.098	4.144	3.935	3.669
2921	29.20	-2.797	-2.005	-1.189	-0.427	-0.247	-0.850	-1.437	-2.075	-2.808	-3.631
2931	29.30	-4.486	-5.279	-5.912	-6.321	-6.501	-6.503	-6.414	-6.314	-6.250	-6.214
2941	29.40	-6.160	-6.036	-5.816	-5.499	-5.152	-4.827	-4.549	-4.292	-3.982	-3.535
2951	29.50	-2.902	-2.100	-1.214	-0.354	0.409	1.089	1.791	2.663	3.801	5.159
2961	29.60	6.509	7.477	7.669	8.820	4.930	2.302	-0.516	-2.907	-4.374	-4.705
2971	29.70	-4.027	-2.742	-1.374	-0.386	-0.035	-0.328	-1.067	-1.962	-2.759	-3.328
2981	29.80	-3.676	-3.899	-4.102	-4.314	-4.450	-4.329	-3.730	-2.488	-0.569	1.882
2991	29.90	4.553	7.033	8.911	9.901	9.924	9.160	7.905	6.655	5.769	5.447

Table 7—36—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	5.655	6.155	6.610	6.720	6.326	5.452	4.252	2.919	1.584	0.272
3011	30.10	-1.076	-2.513	-3.997	-5.353	-6.311	-6.632	-6.209	-5.187	-3.928	-2.900
3021	30.20	-2.497	-2.879	-3.896	-5.162	-6.105	-6.359	-5.721	-4.301	-2.444	-0.592
3031	30.30	0.874	1.743	2.008	1.825	1.428	1.047	0.852	0.947	1.374	2.130
3041	30.40	3.172	4.404	5.677	6.789	7.529	7.728	7.507	6.321	4.946	3.448
3051	30.50	2.118	1.194	0.805	0.950	1.397	1.924	2.190	1.922	0.990	-0.539
3061	30.60	-2.395	-4.172	-5.443	-5.901	-5.461	-4.296	-2.778	-1.350	-0.373	-0.012
3071	30.70	-0.202	-0.703	-1.222	-1.535	-1.563	-1.373	-1.106	-0.887	-0.757	-0.656
3081	30.80	-0.477	-0.161	0.366	0.877	1.294	1.467	1.361	1.070	0.779	0.690
3091	30.90	0.961	1.551	2.416	3.354	4.171	4.721	4.937	4.823	4.434	3.834
3101	31.00	3.080	2.210	1.262	0.186	-0.952	-2.159	-3.401	-4.613	-5.682	-6.457
3111	31.10	-6.777	-6.518	-5.952	-4.278	-2.627	-1.008	0.265	0.967	1.023	0.523
3121	31.20	-0.314	-1.209	-1.905	-2.237	-2.164	-1.767	-1.222	-0.745	-0.561	-0.747
3131	31.30	-1.390	-2.371	-3.474	-4.421	-4.950	-4.888	-4.214	-3.057	-1.647	-0.221
3141	31.40	1.064	2.178	3.202	4.250	5.367	6.482	7.297	7.570	7.031	5.605
3151	31.50	3.454	0.945	-1.452	-3.311	-4.376	-4.605	-4.168	-3.344	-2.421	-1.613
3161	31.60	-1.023	-0.656	-0.455	-0.365	-0.258	-0.146	0.016	0.226	0.447	0.609
3171	31.70	0.617	0.387	-0.118	-0.845	-1.653	-2.342	-2.719	-2.668	-2.197	-1.435
3181	31.80	-0.590	0.133	0.598	0.781	0.759	0.668	0.634	0.728	0.944	1.214
3191	31.90	1.469	1.577	1.572	1.459	1.306	1.193	1.190	1.337	1.630	2.018
3201	32.00	2.414	2.707	2.796	2.616	2.167	1.518	0.797	0.146	-0.313	-0.522
3211	32.10	-0.500	-0.328	-0.111	0.062	0.149	0.163	0.157	0.196	0.322	0.543
3221	32.20	0.835	1.148	1.434	1.653	1.780	1.810	1.751	1.626	1.474	1.343
3231	32.30	1.280	1.313	1.438	1.614	1.774	1.848	1.796	1.620	1.362	1.078
3241	32.40	0.803	0.512	0.124	-0.480	-1.399	-2.666	-4.200	-5.831	-7.328	-8.471
3251	32.50	-9.120	-9.247	-8.936	-8.360	-7.618	-6.889	-6.201	-5.564	-4.883	-4.194
3261	32.60	-3.491	-2.823	-2.249	-1.804	-1.475	-1.200	-0.887	-0.450	0.109	0.779
3271	32.70	1.453	2.009	2.348	2.432	2.295	2.026	1.735	1.510	1.390	1.363
3281	32.80	1.388	1.435	1.512	1.676	2.011	2.588	3.419	4.432	5.471	6.340
3291	32.90	6.862	6.936	6.576	5.905	5.115	4.409	3.933	3.747	3.815	4.038
3301	33.00	4.297	4.489	4.553	4.461	4.198	3.744	3.062	2.117	0.899	-0.546
3311	33.10	-2.104	-3.609	-4.882	-5.785	-6.260	-6.343	-6.149	-5.817	-5.462	-5.133
3321	33.20	-4.807	-4.615	-3.893	-3.216	-2.630	-1.631	-0.929	-0.398	-0.042	0.203
3331	33.30	0.445	0.783	1.262	1.869	2.445	2.923	3.177	3.161	2.895	2.457
3341	33.40	1.946	1.443	0.995	0.611	0.272	-0.046	-0.361	-0.681	-1.008	-1.343
3351	33.50	-1.690	-2.050	-2.413	-2.752	-3.028	-3.198	-3.230	-3.112	-2.854	-2.478
3361	33.60	-2.010	-1.473	-0.887	-0.279	0.313	0.863	1.263	1.548	1.702	1.765
3371	33.70	1.799	1.858	1.972	2.134	2.309	2.458	2.563	2.635	2.707	2.813
3381	33.80	2.962	3.128	3.267	3.339	3.342	3.311	3.303	3.346	3.398	3.329
3391	33.90	2.954	2.100	0.693	-1.181	-3.262	-5.175	-6.540	-7.084	-6.732	-5.621
3401	34.00	-4.059	-2.417	-1.021	-0.071	0.394	0.471	0.332	0.156	0.070	0.130
3411	34.10	0.317	0.571	0.825	1.031	1.180	1.302	1.445	1.651	1.924	2.217
3421	34.20	2.428	2.433	2.131	1.690	1.075	0.458	-0.408	-1.103	-2.462	-3.531
3431	34.30	-2.460	-2.443	-2.624	-3.025	-3.512	-3.855	-3.795	-3.156	-1.926	-0.268
3441	34.40	1.524	3.122	4.268	4.849	4.912	4.620	4.173	3.729	3.349	2.993
3451	34.50	2.565	1.971	1.183	0.259	-0.670	-1.448	-1.954	-2.156	-2.119	-1.982
3461	34.60	-1.908	-2.025	-2.385	-2.964	-3.684	-4.466	-5.260	-6.066	-6.910	-7.804
3471	34.70	-8.704	-9.500	-10.036	-10.163	-9.804	-8.992	-7.861	-6.597	-5.367	-6.260
3481	34.80	-3.257	-2.271	-1.202	-0.008	1.257	2.465	3.465	4.158	4.551	4.752
3491	34.90	4.924	5.214	5.685	6.294	6.918	7.420	7.712	7.790	7.727	7.624

Table 7—36—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	7.554	7.522	7.466	7.295	6.934	6.367	5.640	4.833	4.020	3.227
3511	35.10	2.426	1.558	0.564	-0.576	-1.835	-3.151	-4.457	-5.699	-6.842	-7.851
3521	35.20	-8.658	-9.148	-9.169	-8.580	-7.317	-5.442	-3.161	-0.784	1.355	3.001
3531	35.30	4.048	4.563	4.744	4.827	4.991	5.281	5.600	5.753	5.561	4.848
3541	35.40	3.696	2.246	0.761	-0.572	-1.519	-2.038	-2.168	-2.015	-1.700	-1.331
3551	35.50	-0.997	-0.783	-0.782	-1.087	-1.751	-2.733	-3.867	-4.864	-5.385	-5.167
3561	35.60	-4.041	-2.192	0.050	2.211	3.866	4.677	4.679	4.065	3.187	2.400
3571	35.70	1.932	1.833	1.989	2.208	2.319	2.243	2.011	1.724	1.493	1.377
3581	35.80	1.367	1.402	1.405	1.328	1.164	0.933	0.660	0.350	-0.011	-0.440
3591	35.90	-0.922	-1.391	-1.734	-1.831	-1.601	-1.052	-0.294	0.478	1.045	1.226
3601	36.00	0.934	0.201	-0.863	-2.019	-3.156	-4.146	-4.959	-5.636	-6.249	-6.854
3611	36.10	-7.455	-7.991	-8.350	-8.411	-8.089	-7.372	-6.327	-5.087	-3.802	-2.597
3621	36.20	-1.534	-0.600	0.269	1.153	2.102	3.116	4.136	5.076	5.850	6.413
3631	36.30	6.786	6.953	7.029	7.031	6.957	6.768	6.408	5.837	5.056	4.122
3641	36.40	3.133	2.201	1.408	0.782	0.280	-0.192	-0.749	-1.485	-2.455	-3.564
3651	36.50	-4.777	-5.944	-6.936	-7.647	-8.007	-7.975	-7.524	-6.541	-5.336	-3.665
3661	36.60	-1.755	0.195	1.945	3.272	4.046	4.281	4.144	3.903	3.835	4.120
3671	36.70	4.779	5.662	6.518	7.088	7.211	6.870	6.182	5.332	4.489	3.747
3681	36.80	3.109	2.526	1.953	1.389	0.893	0.543	0.391	0.431	0.595	0.793
3691	36.90	0.965	1.111	1.287	1.561	1.957	2.419	2.851	3.070	3.083	2.931
3701	37.00	2.776	2.803	3.120	3.672	4.233	4.480	4.115	3.006	1.248	-0.853
3711	37.10	-2.897	-4.531	-5.578	-6.076	-6.231	-6.310	-6.521	-6.938	-7.503	-8.084
3721	37.20	-8.558	-8.872	-9.047	-9.141	-9.183	-9.126	-8.856	-8.230	-7.169	-5.704
3731	37.30	-3.996	-2.294	-0.860	0.122	0.593	0.630	0.398	0.082	-0.170	-0.285
3741	37.40	-0.264	-0.150	0.010	0.182	0.357	0.538	0.717	0.871	0.960	0.962
3751	37.50	0.795	0.526	0.173	-0.208	-0.565	-0.863	-1.093	-1.264	-1.390	-1.472
3761	37.60	-1.488	-1.396	-1.153	-0.728	-0.134	0.575	1.303	1.934	2.369	2.551
3771	37.70	2.482	2.231	1.907	1.635	1.521	1.622	1.939	2.422	2.984	3.529
3781	37.80	3.971	4.251	4.345	4.263	4.044	3.748	3.441	3.186	3.022	2.959
3791	37.90	2.968	2.993	2.965	2.825	2.546	2.143	1.670	1.200	0.798	0.502
3801	38.00	0.308	0.178	0.059	-0.095	-0.305	-0.561	-0.837	-1.102	-1.340	-1.555
3811	38.10	-1.765	-1.989	-2.231	-2.480	-2.710	-2.897	-3.036	-3.144	-3.261	-3.425
3821	38.20	-3.657	-3.945	-4.239	-4.465	-4.552	-4.447	-4.135	-3.635	-2.988	-2.241
3831	38.30	-1.428	-0.572	0.312	1.201	2.057	2.823	3.434	3.832	3.992	3.925
3841	38.40	3.681	3.331	2.965	2.571	2.226	1.895	1.553	1.178	0.771	0.360
3851	38.50	-0.009	-0.289	-0.451	-0.495	-0.452	-0.364	-0.271	-0.190	-0.116	-0.027
3861	38.60	0.098	0.262	0.439	0.586	0.659	0.633	0.523	0.379	0.267	0.268
3871	38.70	0.347	0.568	0.803	1.050	1.241	1.357	1.407	1.416	1.407	1.390
3881	38.80	1.359	1.303	1.221	1.122	1.027	0.949	0.887	0.821	0.723	0.581
3891	38.90	0.409	0.269	0.144	0.109	0.101	0.024	-0.241	-0.779	-1.590	-2.565
3901	39.00	-3.510	-4.218	-4.543	-4.459	-4.068	-3.550	-3.083	-2.767	-2.597	-2.487
3911	39.10	-2.337	-2.104	-1.841	-1.665	-1.687	-1.930	-2.282	-2.522	-2.405	-1.781
3921	39.20	-0.684	0.662	1.906	2.712	2.880	2.429	1.576	0.664	-0.066	-0.389
3931	39.30	-0.331	-0.037	0.295	0.501	0.508	0.328	0.019	-0.371	-0.827	-1.359
3941	39.40	-1.965	-2.589	-3.120	-3.417	-3.371	-2.956	-2.250	-1.415	-0.628	-0.023
3951	39.50	0.361	0.578	0.736	0.945	1.270	1.716	2.264	2.797	3.332	3.821
3961	39.60	4.247	4.585	4.807	4.891	4.848	4.738	4.661	4.718	4.963	5.361
3971	39.70	5.786	6.057	6.012	5.571	4.775	3.767	2.736	1.845	1.170	0.690
3981	39.80	0.322	-0.027	-0.407	-0.809	-1.186	-1.489	-1.708	-1.877	-2.046	-2.258
3991	39.90	-2.416	-2.483	-2.319	-1.841	-1.064	-0.110	0.814	1.493	1.773	1.621

Table 7—36—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	1.123	0.452	-0.207	-0.714	-1.017	-1.148	-1.198	-1.277	-1.482	-1.675
4011	40.10	-2.466	-3.226	-4.069	-4.867	-5.463	-5.703	-5.488	-4.807	-3.761	-2.548
4021	40.20	-1.402	-0.520	0.000	0.188	0.181	0.160	0.274	0.586	1.056	1.577
4031	40.30	2.029	2.337	2.494	2.556	2.592	2.660	2.763	2.863	2.901	2.832
4041	40.40	2.644	2.355	1.995	1.586	1.120	0.586	-0.028	-0.703	-1.387	-2.005
4051	40.50	-2.484	-2.783	-2.905	-2.885	-2.720	-2.594	-2.368	-2.083	-1.732	-1.323
4061	40.60	-0.890	-0.477	-0.118	0.175	0.420	0.643	0.852	1.021	1.093	1.000
4071	40.70	0.702	0.209	-0.413	-1.077	-1.705	-2.271	-2.798	-3.333	-3.903	-4.475
4081	40.80	-4.951	-5.202	-5.122	-4.688	-3.981	-3.158	-2.397	-1.824	-1.470	-1.283
4091	40.90	-1.162	-1.026	-0.852	-0.675	-0.555	-0.519	-0.536	-0.520	-0.379	-0.071
4101	41.00	0.364	0.818	1.183	1.426	1.628	1.972	2.650	3.755	5.195	6.685
4111	41.10	7.833	8.287	7.878	6.697	5.068	3.422	2.136	1.393	1.143	1.155
4121	41.20	1.144	0.901	0.372	-0.343	-1.066	-1.640	-2.002	-2.198	-2.338	-2.533
4131	41.30	-2.828	-3.196	-3.556	-3.827	-3.966	-3.977	-3.885	-3.724	-3.478	-3.128
4141	41.40	-2.661	-2.168	-1.549	-1.086	-0.797	-0.682	-0.650	-0.554	-0.239	0.290
4151	41.50	1.022	1.767	2.316	2.521	2.357	1.933	1.469	1.101	1.007	1.166
4161	41.60	1.478	1.809	2.068	2.269	2.428	2.705	3.137	3.687	4.219	4.569
4171	41.70	4.516	4.057	3.231	2.205	1.189	0.365	-0.167	-0.404	-0.421	-0.321
4181	41.80	-0.191	-0.078	0.011	0.089	0.165	0.226	0.245	0.192	0.055	-0.149
4191	41.90	-0.383	-0.602	-0.777	-0.906	-1.014	-1.139	-1.309	-1.527	-1.770	-1.996
4201	42.00	-2.167	-2.268	-2.317	-2.359	-2.441	-2.589	-2.782	-2.945	-2.973	-2.755
4211	42.10	-2.221	-1.369	-0.277	0.915	2.039	2.945	3.547	3.836	3.682	3.800
4221	42.20	3.708	3.696	3.746	3.830	3.831	3.635	3.155	2.383	1.384	0.291
4231	42.30	-0.738	-1.565	-2.112	-2.380	-2.439	-2.399	-2.367	-2.409	-2.537	-2.715
4241	42.40	-2.892	-3.025	-3.106	-3.160	-3.227	-3.335	-3.483	-3.638	-3.749	-3.771
4251	42.50	-3.681	-3.487	-3.207	-2.858	-2.437	-1.926	-1.316	-0.624	0.086	0.718
4261	42.60	1.174	1.405	1.438	1.381	1.291	1.613	2.123	2.895	3.811	4.703
4271	42.70	5.410	5.851	5.938	5.768	5.388	4.874	4.293	3.715	3.220	2.895
4281	42.80	2.810	2.972	3.294	3.594	3.642	3.235	2.304	0.929	-0.643	-2.090
4291	42.90	-3.127	-3.607	-3.566	-3.189	-2.727	-2.392	-2.278	-2.352	-2.499	-2.600
4301	43.00	-2.596	-2.502	-2.383	-2.289	-2.212	-2.075	-1.773	-1.240	-0.505	0.296
4311	43.10	0.961	1.297	1.206	0.723	0.004	-0.738	-1.315	-1.623	-1.666	-1.528
4321	43.20	-1.318	-1.125	-0.988	-0.904	-0.852	-0.821	-0.810	-0.823	-0.843	-0.824
4331	43.30	-0.702	-0.424	0.019	0.568	1.106	1.493	1.613	1.419	0.945	0.296
4341	43.40	-0.390	-0.977	-1.363	-1.691	-1.946	-0.543	-0.322	0.451	1.289	2.089
4351	43.50	2.751	3.203	3.418	3.422	3.280	3.065	2.833	2.660	2.347	2.035
4361	43.60	1.634	1.140	0.577	-0.019	-0.620	-1.217	-1.818	-2.430	-3.033	-3.567
4371	43.70	-3.938	-4.048	-3.837	-3.311	-2.561	-1.738	-1.015	-0.533	-0.362	-0.488
4381	43.80	-0.820	-1.229	-1.587	-1.804	-1.846	-1.729	-1.499	-1.213	-0.915	-0.627
4391	43.90	-0.351	-0.081	0.189	0.454	0.702	0.917	1.094	1.242	1.380	1.533
4401	44.00	1.715	1.923	2.134	2.321	2.464	2.568	2.665	2.798	2.999	3.261
4411	44.10	3.533	3.725	3.741	3.516	3.042	2.373	1.608	0.848	0.164	-0.424
4421	44.20	-0.940	-1.423	-1.896	-2.342	-2.714	-2.953	-3.026	-2.949	-2.781	-2.602
4431	44.30	-2.475	-2.417	-2.396	-2.364	-2.208	-1.969	-1.663	-1.363	-1.148	-1.063
4441	44.40	-1.105	-1.222	-1.367	-1.429	-1.457	-1.455	-1.462	-1.498	-1.540	-1.517
4451	44.50	-1.340	-0.930	-0.260	0.634	1.859	2.693	3.622	4.367	4.893	5.203
4461	44.60	5.320	5.270	5.073	4.742	4.292	3.748	3.144	2.522	1.922	1.377
4471	44.70	0.907	0.522	0.223	0.006	-0.140	-0.235	-0.308	-0.399	-0.542	-0.734
4481	44.80	-1.126	-1.567	-2.084	-2.644	-3.208	-3.744	-4.223	-4.619	-4.906	-5.060
4491	44.90	-5.062	-4.913	-4.637	-4.284	-3.920	-3.605	-3.377	-3.231	-3.125	-2.998

Table 7—36—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-2.791	-2.493	-2.137	-1.796	-1.553	-1.452	-1.470	-1.500	-1.390	-0.990
4511	45.10	-0.225	0.658	2.088	3.207	3.953	4.152	3.779	2.978	2.011	1.173
4521	45.20	0.693	0.657	0.994	1.511	1.973	2.196	2.097	1.731	1.239	0.798
4531	45.30	0.551	0.560	0.806	1.206	1.655	2.067	2.388	2.599	2.696	2.678
4541	45.40	2.534	2.254	1.844	1.358	0.801	0.317	-0.039	-0.222	-0.235	-0.126
4551	45.50	0.032	0.166	0.228	0.210	0.135	0.047	-0.015	-0.029	0.000	0.054
4561	45.60	0.106	0.140	0.151	0.151	0.152	0.165	0.189	0.214	0.230	0.234
4571	45.70	0.218	0.207	0.213	0.248	0.315	0.406	0.509	0.616	0.727	0.856
4581	45.80	1.015	1.222	1.475	1.756	2.032	2.261	2.400	2.418	2.297	2.037
4591	45.90	1.658	1.203	0.738	0.345	0.104	0.080	0.280	0.636	1.006	1.197
4601	46.00	1.023	0.369	-0.755	-2.196	-3.681	-4.898	-5.581	-5.592	-4.963	-3.875
4611	46.10	-2.595	-1.398	-0.483	0.055	0.223	0.095	-0.237	-0.691	-1.204	-1.725
4621	46.20	-2.199	-2.571	-2.803	-2.895	-2.895	-2.891	-2.961	-3.132	-3.344	-3.458
4631	46.30	-3.311	-2.787	-1.884	-0.733	0.437	1.588	1.966	2.150	2.071	1.927
4641	46.40	1.898	2.065	2.381	2.706	2.882	2.813	2.508	2.069	1.638	1.326
4651	46.50	1.175	1.156	1.206	1.274	1.345	1.440	1.521	1.718	1.814	1.785
4661	46.60	1.594	1.304	1.067	1.072	1.459	2.228	3.207	4.097	4.578	4.442
4671	46.70	3.675	2.472	1.160	0.068	-0.591	-0.784	-0.660	-0.371	-0.172	-0.156
4681	46.80	-0.341	-0.689	-1.164	-1.762	-2.505	-3.396	-4.372	-5.285	-5.936	-6.137
4691	46.90	-5.813	-5.022	-3.958	-2.877	-2.068	-1.477	-1.275	-1.292	-1.370	-1.373
4701	47.00	-1.217	-0.875	-0.355	0.327	1.144	2.050	2.960	3.759	4.255	4.328
4711	47.10	3.980	3.266	2.357	1.465	0.764	0.333	0.162	0.078	0.010	-0.152
4721	47.20	-0.424	-0.760	-1.083	-1.332	-1.486	-1.559	-1.575	-1.545	-1.450	-1.263
4731	47.30	-0.969	-0.595	-0.206	0.121	0.319	0.373	0.317	0.208	0.088	-0.043
4741	47.40	-0.256	-0.550	-0.940	-1.397	-1.763	-1.878	-1.837	-1.053	-0.272	0.465
4751	47.50	0.913	0.922	0.691	-0.235	-1.027	-1.677	-2.076	-2.237	-2.281	-2.344
4761	47.60	-2.504	-2.742	-2.957	-3.024	-2.867	-2.500	-2.022	-1.560	-1.199	-0.937
4771	47.70	-0.684	-0.313	0.271	1.067	1.968	2.805	3.622	3.746	3.817	3.771
4781	47.80	3.765	3.905	4.196	4.549	4.823	4.906	4.761	4.449	4.088	3.800
4791	47.90	3.649	3.618	3.625	3.565	3.360	2.991	2.492	1.927	1.352	0.796
4801	48.00	0.258	-0.268	-0.780	-1.255	-1.661	-1.982	-2.233	-2.462	-2.724	-3.056
4811	48.10	-3.446	-3.830	-4.130	-4.278	-4.261	-4.121	-3.934	-3.764	-3.620	-3.449
4821	48.20	-3.158	-2.669	-1.969	-1.143	-0.368	0.239	0.696	0.399	0.051	-0.381
4831	48.30	-0.720	-0.855	-0.775	-0.561	-0.361	-0.227	-0.270	-0.447	-0.679	-0.873
4841	48.40	-0.971	-0.964	-0.898	-0.841	-0.851	-0.948	-1.106	-1.260	-1.333	-1.260
4851	48.50	-1.014	-0.696	-0.130	0.355	0.752	1.000	1.087	1.068	0.953	0.875
4861	48.60	0.865	0.926	1.022	1.005	1.009	1.031	0.929	0.859	0.879	0.998
4871	48.70	1.170	1.301	1.297	1.108	0.761	0.351	0.010	-0.148	-0.071	0.215
4881	48.80	0.624	1.057	1.440	1.747	1.996	2.216	2.417	2.581	2.667	2.653
4891	48.90	2.559	2.460	2.460	2.667	3.043	3.583	4.126	4.506	4.595	4.347
4901	49.00	3.813	3.113	2.381	1.720	1.171	0.713	0.302	-0.102	-0.505	-0.876
4911	49.10	-1.171	-1.355	-1.421	-1.394	-1.316	-1.221	-1.133	-1.051	-0.962	-0.860
4921	49.20	-0.752	-0.658	-0.601	-0.594	-0.632	-0.691	-0.738	-0.746	-0.706	-0.632
4931	49.30	-0.553	-0.500	-0.501	-0.565	-0.689	-0.852	-1.033	-1.212	-1.380	-1.537
4941	49.40	-1.689	-1.847	-2.014	-2.185	-2.346	-2.470	-2.567	-2.569	-2.567	-2.501
4951	49.50	-2.453	-2.412	-2.373	-2.317	-2.226	-2.097	-1.967	-1.810	-1.712	-1.657
4961	49.60	-1.803	-1.480	-1.212	-0.759	-0.151	0.508	1.069	1.385	1.372	1.042
4971	49.70	0.497	-0.107	-0.622	-0.965	-1.136	-1.204	-1.266	-1.386	-1.580	-1.800
4981	49.80	-1.972	-2.034	-1.967	-1.802	-1.599	-1.415	-1.278	-1.176	-1.072	-0.923
4991	49.90	-0.709	-0.432	-0.107	0.252	0.650	1.107	1.660	2.243	2.875	3.457

Table 7—36—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	3.905	4.157	4.197	4.068	3.853	3.644	3.505	3.458	3.474	3.497
5011	50.10	3.469	3.353	3.146	2.878	2.595	2.367	2.168	2.073	2.052	2.076
5021	50.20	2.103	2.086	1.983	1.773	1.457	1.066	0.644	0.242	-0.104	-0.387
5031	50.30	-0.627	-0.857	-1.112	-1.401	-1.705	-1.981	-2.179	-2.265	-2.236	-2.127
5041	50.40	-1.997	-1.904	-1.890	-1.956	-2.074	-2.192	-2.264	-2.260	-2.185	-2.067
5051	50.50	-1.951	-1.873	-1.850	-1.876	-1.926	-1.971	-1.991	-1.984	-1.967	-1.955
5061	50.60	-1.997	-2.068	-2.168	-2.271	-2.353	-2.398	-2.406	-2.380	-2.340	-2.287
5071	50.70	-2.214	-2.106	-1.946	-1.727	-1.460	-1.170	-0.892	-0.651	-0.463	-0.328
5081	50.80	-0.236	-0.168	-0.113	-0.052	0.041	0.203	0.476	0.889	1.435	2.059
5091	50.90	2.653	3.085	3.240	3.062	2.584	1.924	1.248	0.715	0.423	0.381
5101	51.00	0.513	0.699	0.828	0.842	0.751	0.616	0.516	0.504	0.585	0.720
5111	51.10	0.869	0.925	0.933	0.894	0.852	0.866	0.895	0.988	1.106	1.232
5121	51.20	1.373	1.559	1.829	2.211	2.704	3.272	3.852	4.378	4.798	5.085
5131	51.30	5.240	5.274	5.198	5.017	4.732	4.350	3.896	3.409	2.938	2.521
5141	51.40	2.167	1.852	1.522	1.122	0.615	0.006	-0.658	-1.306	-1.867	-2.300
5151	51.50	-2.606	-2.826	-3.017	-3.226	-3.466	-3.716	-3.927	-4.056	-4.076	-4.013
5161	51.60	-3.919	-3.858	-3.876	-3.965	-4.080	-4.127	-4.010	-3.655	-3.048	-2.233
5171	51.70	-1.308	-0.393	0.396	0.983	1.334	1.465	1.421	1.258	1.028	0.764
5181	51.80	0.484	0.196	-0.089	-0.351	-0.553	-0.655	-0.618	-0.431	-0.112	0.282
5191	51.90	0.671	0.971	1.119	1.091	0.909	0.627	0.310	0.013	-0.238	-0.443
5201	52.00	-0.616	-0.767	-0.887	-0.948	-0.912	-0.752	-0.469	-0.092	0.329	0.744
5211	52.10	1.122	1.460	1.773	2.081	2.394	2.704	2.995	3.257	3.498	3.740
5221	52.20	4.006	4.286	4.525	4.625	4.472	3.990	3.176	2.125	1.003	-0.002
5231	52.30	-0.745	-1.177	-1.349	-1.382	-1.403	-1.495	-1.657	-1.826	-1.922	-1.899
5241	52.40	-1.786	-1.682	-1.709	-1.954	-2.424	-3.031	-3.629	-4.076	-4.292	-4.293
5251	52.50	-4.183	-4.096	-4.143	-4.353	-4.669	-4.969	-5.125	-5.055	-4.754	-4.292
5261	52.60	-3.783	-3.339	-3.030	-2.869	-2.823	-2.834	-2.846	-2.827	-2.765	-2.668
5271	52.70	-2.544	-2.400	-2.238	-2.059	-1.867	-1.671	-1.478	-1.286	-1.083	-0.853
5281	52.80	-0.581	-0.267	0.072	0.403	0.693	0.923	1.098	1.249	1.418	1.639
5291	52.90	1.925	2.256	2.592	2.887	3.112	3.264	3.365	3.440	3.542	3.652
5301	53.00	3.761	3.860	3.867	3.839	3.778	3.719	3.688	3.690	3.697	3.660
5311	53.10	3.536	3.302	2.976	2.605	2.247	1.945	1.703	1.493	1.266	0.983
5321	53.20	0.636	0.252	-0.117	-0.426	-0.658	-0.832	-0.993	-1.185	-1.424	-1.688
5331	53.30	-1.923	-2.074	-2.114	-2.062	-1.981	-1.945	-2.010	-2.180	-2.404	-2.596
5341	53.40	-2.668	-2.564	-2.276	-1.843	-1.325	-0.783	-0.259	0.224	0.657	1.036
5351	53.50	1.359	1.630	1.869	2.113	2.398	2.746	3.140	3.522	3.814	3.948
5361	53.60	3.906	3.735	3.531	3.402	3.407	3.529	3.670	3.693	3.487	3.015
5371	53.70	2.362	1.606	0.950	0.478	0.197	0.037	-0.102	-0.287	-0.504	-0.665
5381	53.80	-0.649	-0.376	0.139	0.771	1.324	1.614	1.560	1.132	0.535	-0.051
5391	53.90	-0.458	-0.611	-0.551	-0.400	-0.299	-0.338	-0.520	-0.774	-0.998	-1.115
5401	54.00	-1.117	-1.069	-1.075	-1.231	-1.578	-2.080	-2.646	-3.162	-3.540	-3.744
5411	54.10	-3.800	-3.770	-3.720	-3.690	-3.676	-3.666	-3.553	-3.370	-3.100	-2.778
5421	54.20	-2.452	-2.162	-1.916	-1.685	-1.418	-1.062	-0.594	-0.039	0.534	1.033
5431	54.30	1.377	1.526	1.504	1.394	1.305	1.333	1.529	1.868	2.269	2.614
5441	54.40	2.797	2.769	2.510	2.112	1.666	1.263	0.962	0.770	0.652	0.552
5451	54.50	0.419	0.230	-0.005	-0.253	-0.470	-0.626	-0.713	-0.745	-0.749	-0.750
5461	54.60	-0.758	-0.767	-0.759	-0.717	-0.637	-0.535	-0.442	-0.393	-0.406	-0.475
5471	54.70	-0.564	-0.619	-0.590	-0.453	-0.221	0.057	0.313	0.489	0.553	0.517
5481	54.80	0.425	0.336	0.299	0.335	0.436	0.563	0.682	0.763	0.796	0.789
5491	54.90	0.755	0.702	0.629	0.526	0.382	0.195	-0.026	-0.262	-0.485	-0.673

Table 7—36—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1129 501-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.806	-0.874	-0.876	-0.816	-0.709	-0.572	-0.425	-0.278	-0.130	0.040
5511	55.10	0.263	0.568	0.956	1.392	1.801	2.087	2.164	1.993	1.598	1.064
5521	55.20	0.506	0.028	-0.312	-0.514	-0.630	-0.729	-0.862	-1.042	-1.244	-1.422
5531	55.30	-1.542	-1.600	-1.622	-1.654	-1.737	-1.885	-2.083	-2.295	-2.484	-2.632
5541	55.40	-2.740	-2.824	-2.903	-2.989	-3.078	-3.157	-3.209	-3.222	-3.184	-3.081
5551	55.50	-2.900	-2.628	-2.264	-1.828	-1.365	-0.929	-0.568	-0.301	-0.111	0.046
5561	55.60	0.221	0.438	0.683	0.910	1.064	1.119	1.090	1.036	1.027	1.106
5571	55.70	1.264	1.439	1.545	1.528	1.395	1.227	1.143	1.247	1.571	2.047
5581	55.80	2.531	2.860	2.920	2.699	2.288	1.844	1.518	1.397	1.470	1.646
5591	55.90	1.799	1.831	1.711	1.477	1.211	0.994	0.867	0.824	0.822	0.817
5601	56.00	0.786	0.742	0.721	0.755	0.849	0.969	1.057	1.054	0.928	0.690
5611	56.10	0.392	0.104	-0.113	-0.236	-0.282	-0.304	-0.366	-0.519	-0.778	-1.118
5621	56.20	-1.482	-1.804	-2.027	-2.129	-2.126	-2.068	-2.024	-2.051	-2.178	-2.391
5631	56.30	-2.639	-2.846	-2.942	-2.884	-2.672	-2.347	-1.977	-1.627	-1.338	-1.116
5641	56.40	-0.933	-0.750	-0.530	-0.259	0.049	0.366	0.666	0.939	1.204	1.497
5651	56.50	1.854	2.290	2.787	3.292	3.735	4.055	4.217	4.231	4.142	4.017
5661	56.60	3.916	3.879	3.914	4.007	4.136	4.283	4.444	4.623	4.819	5.017
5671	56.70	5.177	5.252	5.199	5.001	4.678	4.275	3.847	3.425	3.006	2.549
5681	56.80	1.999	1.318	0.516	-0.341	-1.144	-1.785	-2.193	-2.365	-2.367	-2.309
5691	56.90	-2.293	-2.381	-2.568	-2.794	-2.978	-3.054	-3.004	-2.860	-2.685	-2.545
5701	57.00	-2.475	-2.473	-2.507	-2.539	-2.550	-2.549	-2.567	-2.639	-2.779	-2.967
5711	57.10	-3.155	-3.282	-3.300	-3.193	-2.980	-2.711	-2.449	-2.243	-2.124	-2.091
5721	57.20	-2.123	-2.183	-2.232	-2.232	-2.160	-2.005	-1.774	-1.491	-1.192	-0.917
5731	57.30	-0.699	-0.558	-0.494	-0.496	-0.544	-0.622	-0.723	-0.850	-1.007	-1.197
5741	57.40	-1.413	-1.635	-1.841	-2.006	-2.108	-2.130	-2.056	-1.871	-1.568	-1.148
5751	57.50	-0.637	-0.082	0.445	0.867	1.120	1.174	1.041	0.774	0.447	0.138
5761	57.60	-0.098	-0.238	-0.292	-0.287	-0.259	-0.233	-0.220	-0.214	-0.202	-0.162
5771	57.70	-0.075	0.075	0.296	0.584	0.919	1.264	1.572	1.794	1.894	1.862
5781	57.80	1.721	1.522	1.326	1.185	1.127	1.147	1.212	1.282	1.322	1.321
5791	57.90	1.292	1.266	1.273	1.327	1.423	1.536	1.636	1.704	1.738	1.752
5801	58.00	1.770	1.806	1.858	1.907	1.925	1.890	1.801	1.675	1.545	1.439
5811	58.10	1.367	1.313	1.246	1.129	0.969	0.716	0.468	0.246	0.075	-0.047
5821	58.20	-0.155	-0.291	-0.486	-0.735	-0.999	-1.220	-1.352	-1.390	-1.368	-1.350
5831	58.30	-1.393	-1.512	-1.688	-1.783	-1.773	-1.599	-1.283	-0.910	-0.590	-0.402
5841	58.40	-0.362	-0.411	-0.445	-0.373	-0.161	0.166	0.442	0.610	0.579	0.360
5851	58.50	0.035	-0.278	-0.480	-0.538	-0.487	-0.408	-0.376	-0.421	-0.520	-0.610
5861	58.60	-0.636	-0.582	-0.481	-0.396	-0.376	-0.411	-0.441	-0.365	-0.097	0.377
5871	58.70	0.965	1.584	2.015	2.170	2.031	1.679	1.252	0.885	0.658	0.568
5881	58.80	0.549	0.514	0.399	0.195	-0.057	-0.293	-0.462	-0.553	-0.593	-0.632
5891	58.90	-0.711	-0.840	-0.994	-1.130	-1.209	-1.218	-1.173	-1.108	-1.057	-1.036
5901	59.00	-1.037	-1.036	-1.010	-0.949	-0.860	-0.759	-0.656	-0.562	-0.384	-0.160
5911	59.10	0.223	0.715	1.303	1.920	2.484	2.921	3.186	3.282	3.250	3.155
5921	59.20	3.062	3.014	3.023	3.059	3.076	3.027	2.886	2.654	2.358	2.038
5931	59.30	1.724	1.423	1.112	0.752	0.302	-0.251	-0.884	-1.538	-2.134	-2.602
5941	59.40	-2.908	-3.060	-3.109	-3.121	-3.156	-3.243	-3.370	-3.503	-3.599	-3.631
5951	59.50	-3.602	-3.543	-3.496	-3.490	-3.561	-3.628	-3.716	-3.764	-3.746	-3.658
5961	59.60	-3.511	-3.324	-3.110	-2.864	-2.568	-2.204	-1.762	-1.258	-0.725	-0.205
5971	59.70	0.266	0.682	1.060	1.442	1.865	2.346	2.861	3.353	3.750	3.989
5981	59.80	4.067	3.946	3.749	3.530	3.345	3.211	3.102	2.965	2.751	2.438
5991	59.90	2.046	1.629	1.247	0.943	0.722	0.551	0.383	0.182	-0.057	-0.302

Table 7—36—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1129 S01-GR-1-126 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6001	60.00	-0.500	-0.602	-0.593	-0.494	-0.359	-0.245	-0.189	-0.189	-0.211	-0.209
6011	60.10	-0.149	-0.026	0.133	0.284	0.394	0.454	0.481	0.506	0.549	0.602
6021	60.20	0.626	0.571	0.401	0.127	-0.195	-0.468	-0.601	-0.539	-0.293	0.065
6031	60.30	0.425	0.882	0.777	0.712	0.539	0.336	0.164	0.043	-0.051	-0.164
6041	60.40	-0.336	-0.573	-0.838	-1.063	-1.178	-1.143	-0.964	-0.693	-0.407	-0.176
6051	60.50	-0.046	-0.022	-0.080	-0.185	-0.303	-0.417	-0.522	-0.618	-0.699	-0.747
6061	60.60	-0.747	-0.687	-0.575	-0.456	-0.306	-0.212	-0.163	-0.146	-0.127	-0.073
6071	60.70	0.036	0.193	0.322	0.532	0.435	0.657	0.595	0.461	0.276	0.069
6081	60.80	-0.134	-0.302	-0.407	-0.428	-0.355	-0.196	0.025	0.277	0.537	0.800
6091	60.90	1.083	1.408	1.781	2.170	2.502	2.671	2.584	2.193	1.533	0.719
6101	61.00	-0.084	-0.709	-1.048	-1.079	-0.867	-0.535	-0.208	0.024	0.135	0.153
6111	61.10	0.131	0.116	0.124	0.140	0.130	0.067	-0.055	-0.218	-0.391	-0.546
6121	61.20	-0.671	-0.771	-0.862	-0.961	-1.072	-1.187	-1.292	-1.373	-1.423	-1.442
6131	61.30	-1.432	-1.396	-1.335	-1.250	-1.143	-1.025	-0.903	-0.781	-0.653	-0.500
6141	61.40	-0.308	-0.070	0.195	0.446	0.633	0.719	0.695	0.594	0.481	0.426
6151	61.50	0.481	0.655	0.914	1.197	1.439	1.601	1.676	1.687	1.665	1.629
6161	61.60	1.573	1.467	1.273	0.961	0.532	0.014	-0.544	-1.088	-1.576	-1.982
6171	61.70	-2.299	-2.531	-2.682	-2.755	-2.748	-2.664	-2.507	-2.284	-2.005	-1.680
6181	61.80	-1.316	-0.922	-0.511	-0.106	0.265	0.574	0.798	0.933	0.989	0.988
6191	61.90	0.951	0.899	0.840	0.774	0.700	0.622	0.549	0.491	0.455	0.440
6201	62.00	0.431	0.411	0.364	0.287	0.190	0.095	0.021	-0.020	-0.033	-0.036
6211	62.10	-0.051	-0.096	-0.127	-0.284	-0.405	-0.529	-0.654	-0.787	-0.934	-1.096
6221	62.20	-1.262	-1.407	-1.503	-1.534	-1.498	-1.415	-1.318	-1.238	-1.193	-1.183
6231	62.30	-1.190	-1.196	-1.178	-1.141	-1.090	-1.036	-0.986	-0.934	-0.868	-0.778
6241	62.40	-0.668	-0.554	-0.463	-0.414	-0.405	-0.404	-0.361	-0.224	0.037	0.408
6251	62.50	0.837	1.248	1.570	1.768	1.852	1.872	1.891	1.955	2.076	2.222
6261	62.60	2.343	2.393	2.357	2.257	2.142	2.060	2.035	2.054	2.073	2.037
6271	62.70	1.913	1.697	1.450	1.165	0.956	0.826	0.765	0.738	0.703	0.634
6281	62.80	0.530	0.414	0.319	0.268	0.265	0.290	0.316	0.314	0.274	0.200
6291	62.90	0.110	0.026	-0.039	-0.083	-0.113	-0.137	-0.159	-0.177	-0.186	-0.176
6301	63.00	-0.148	-0.107	-0.061	-0.021	0.006	0.022	0.030	0.039	0.053	0.074
6311	63.10	0.100	0.128	0.154	0.177	0.196	0.211	0.221	0.229	0.237	0.252
6321	63.20	0.277	0.315	0.361	0.404	0.421	0.387	0.281	0.093	-0.172	-0.491
6331	63.30	-0.829	-1.147	-1.412	-1.607	-1.737	-1.825	-1.894	-1.981	-2.100	-2.251
6341	63.40	-2.411	-2.546	-2.619	-2.601	-2.479	-2.263	-1.978	-1.656	-1.335	-1.042
6351	63.50	-0.798	-0.614	-0.493	-0.431	-0.420	-0.443	-0.478	-0.498	-0.478	-0.404
6361	63.60	-0.274	-0.101	0.090	0.272	0.423	0.536	0.618	0.686	0.759	0.851
6371	63.70	0.964	1.091	1.219	1.336	1.438	1.527	1.613	1.705	1.809	1.926
6381	63.80	2.039	2.143	2.224	2.275	2.295	2.292	2.275	2.254	2.230	2.200
6391	63.90	2.154	2.079	1.972	1.838	1.700	1.587	1.532	1.550	1.636	1.760
6401	64.00	1.877	1.947	1.949	1.893	1.819	1.778	1.808	1.911	2.043	2.127
6411	64.10	2.082	1.853	1.442	0.911	0.361	-0.102	-0.405	-0.537	-0.548	-0.529
6421	64.20	-0.574	-0.743	-1.069	-1.456	-1.901	-2.325	-2.690	-2.990	-3.238	-3.452
6431	64.30	-3.638	-3.792	-3.901	-3.956	-3.964	-3.947	-3.925	-3.908	-3.881	-3.811
6441	64.40	-3.658	-3.399	-3.044	-2.633	-2.227	-1.877	-1.603	-1.384	-1.169	-0.902
6451	64.50	-0.558	-0.156	0.234	0.522	0.625	0.510	0.202	-0.217	-0.639	-0.968
6461	64.60	-1.143	-1.157	-1.044	-0.861	-0.659	-0.467	-0.289	-0.116	0.066	0.257
6471	64.70	0.463	0.602	0.712	0.766	0.769	0.740	0.697	0.650	0.596	0.524
6481	64.80	0.418	0.274	0.099	-0.082	-0.240	-0.349	-0.399	-0.393	-0.352	-0.299
6491	64.90	-0.255	-0.226	-0.207	-0.190	-0.168	-0.147	-0.144	-0.179	-0.266	-0.400

Table 7—36—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1129 S01-GR-1-126 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
6501	65.00	-0.555	-0.694	-0.783	-0.807	-0.783	-0.749	-0.754	-0.826	-0.958	-1.102
6511	65.10	-1.182	-1.127	-0.899	-0.513	-0.041	0.420	0.778	0.980	1.031	0.986
6521	65.20	0.925	0.915	0.989	1.139	1.325	1.497	1.620	1.682	1.690	1.656
6531	65.30	1.589	1.484	1.357	1.151	0.968	0.766	0.637	0.579	0.569	0.551
6541	65.40	0.553	0.220	-0.157	-0.635	-1.121	-1.510	-1.720	-1.718	-1.529	-1.223
6551	65.50	-0.883	-0.580	-0.350	-0.197	-0.104	-0.052	-0.028	-0.028	-0.052	-0.090
6561	65.60	-0.127	-0.139	-0.108	-0.032	0.073	0.182	0.268	0.320	0.366	0.372
6571	65.70	0.623	0.512	0.634	0.762	0.861	0.903	0.879	0.800	0.696	0.600
6581	65.80	0.539	0.524	0.551	0.605	0.665	0.716	0.748	0.761	0.760	0.757
6591	65.90	0.765	0.792	0.841	0.905	0.970	1.023	1.060	1.092	1.150	1.275
6601	66.00	1.504	1.848	2.285	2.754	3.177	3.475	3.600	3.545	3.346	3.065
6611	66.10	2.761	2.476	2.220	1.966	1.763	1.551	1.370	1.252	1.216	1.260
6621	66.20	1.345	1.409	1.390	1.250	0.996	0.675	0.354	0.089	-0.098	-0.230
6631	66.30	-0.360	-0.547	-0.825	-1.186	-1.573	-1.922	-2.189	-2.290	-2.299	-2.248
6641	66.40	-2.195	-2.182	-2.221	-2.291	-2.357	-2.385	-2.362	-2.298	-2.220	-2.156
6651	66.50	-2.122	-2.118	-2.128	-2.133	-2.120	-2.082	-2.040	-1.991	-1.945	-1.901
6661	66.60	-1.849	-1.780	-1.687	-1.569	-1.430	-1.277	-1.113	-0.938	-0.752	-0.557
6671	66.70	-0.358	-0.164	0.017	0.185	0.345	0.504	0.666	0.824	0.957	1.041
6681	66.80	1.056	1.002	0.898	0.783	0.696	0.666	0.685	0.734	0.769	0.756
6691	66.90	0.684	0.572	0.460	0.391	0.391	0.457	0.558	0.653	0.710	0.718
6701	67.00	0.694	0.669	0.670	0.707	0.786	0.820	0.845	0.831	0.792	0.750
6711	67.10	0.725	0.718	0.705	0.650	0.523	0.316	0.055	-0.209	-0.425	-0.560
6721	67.20	-0.619	-0.640	-0.675	-0.768	-0.932	-1.147	-1.368	-1.550	-1.668	-1.723
6731	67.30	-1.738	-1.737	-1.730	-1.702	-1.621	-1.461	-1.213	-0.905	-0.593	-0.361
6741	67.40	-0.195	-0.164	-0.219	-0.302	-0.354	-0.335	-0.238	-0.088	0.076	0.213
6751	67.50	0.306	0.347	0.359	0.345	0.385	0.434	0.517	0.638	0.798	0.991
6761	67.60	1.203	1.411	1.580	1.677	1.676	1.574	1.395	1.173	0.956	0.778
6771	67.70	0.660	0.598	0.572	0.559	0.541	0.514	0.489	0.486	0.523	0.615
6781	67.80	0.759	0.963	1.142	1.325	1.486	1.564	1.551	1.489	1.373	1.225
6791	67.90	1.066	0.911	0.767	0.634	0.503	0.365	0.214	0.049	-0.125	-0.303
6801	68.00	-0.478	-0.646	-0.807	-0.962	-1.116	-1.273	-1.440	-1.622	-1.826	-2.055
6811	68.10	-2.306	-2.570	-2.832	-3.077	-3.291	-3.470	-3.618	-3.746	-3.867	-3.988
6821	68.20	-4.111	-4.233	-4.362	-4.426	-4.477	-4.486	-4.441	-4.344	-4.191	-3.989
6831	68.30	-3.752	-3.503	-3.265	-3.056	-2.876	-2.708	-2.522	-2.284	-1.973	-1.589
6841	68.40	-1.158	-0.720	-0.312	0.041	0.341	0.608	0.872	1.156	1.455	1.755
6851	68.50	2.025	2.260	2.392	2.495	2.580	2.679	2.812	2.977	3.150	3.300
6861	68.60	3.396	3.425	3.393	3.321	3.235	3.158	3.098	3.056	3.013	2.961
6871	68.70	2.882	2.768	2.516	2.422	2.210	1.980	1.757	1.559	1.405	1.302
6881	68.80	1.247	1.227	1.220	1.207	1.176	1.125	1.066	1.011	0.976	0.967
6891	68.90	0.982	1.012	1.066	1.075	1.096	1.112	1.129	1.154	1.188	1.227
6901	69.00	1.265	1.290	1.297	1.281	1.245	1.192	1.130	1.065	1.000	0.936
6911	69.10	0.875	0.815	0.757	0.689	0.643	0.586	0.526	0.456	0.378	0.290
6921	69.20	0.196	0.100	0.004	-0.091	-0.186	-0.285	-0.390	-0.501	-0.612	-0.718
6931	69.30	-0.809	-0.885	-0.946	-0.992	-1.046	-1.093	-1.136	-1.164	-1.170	-1.147
6941	69.40	-1.094	-1.016	-0.922	-0.815	-0.701	-0.580	-0.460	-0.354	-0.281	-0.261
6951	69.50	-0.302	-0.393	-0.507	-0.602	-0.665	-0.621	-0.565	-0.456	-0.392	-0.390
6961	69.60	-0.452	-0.550	-0.644	-0.699	-0.708	-0.696	-0.711	-0.796	-0.971	-1.209
6971	69.70	-1.452	-1.625	-1.689	-1.585	-1.338	-1.045	-0.752	-0.503	-0.311	-0.160
6981	69.80	-0.023	0.121	0.276	0.425	0.548	0.632	0.685	0.734	0.810	0.936
6991	69.90	1.112	1.319	1.521	1.688	1.802	1.864	1.891	1.904	1.918	1.940

Table 7—36—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1129 S01-GR-1-124 HB. (HD.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	1.967	1.991	2.003	1.998	1.969	1.909	1.811	1.670	1.490	1.290
7011	70.10	1.098	0.968	0.867	0.865	0.939	1.034	1.144	1.230	1.278	1.289
7021	70.20	1.279	1.267	1.270	1.294	1.336	1.381	1.407	1.383	1.276	1.058
7031	70.30	0.713	0.246	-0.309	-0.896	-1.438	-1.869	-2.141	-2.238	-2.184	-2.032
7041	70.40	-1.851	-1.707	-1.648	-1.700	-1.865	-2.127	-2.454	-2.811	-3.159	-3.469
7051	70.50	-3.721	-3.910	-4.044	-4.165	-4.231	-4.313	-4.387	-4.436	-4.435	-4.369
7061	70.60	-4.238	-4.062	-3.871	-3.698	-3.561	-3.461	-3.379	-3.294	-3.189	-3.062
7071	70.70	-2.925	-2.796	-2.687	-2.597	-2.512	-2.412	-2.279	-2.108	-1.909	-1.700
7081	70.80	-1.495	-1.306	-1.129	-0.959	-0.787	-0.612	-0.439	-0.270	-0.101	0.078
7091	70.90	0.286	0.536	0.831	1.153	1.474	1.760	1.989	2.161	2.289	2.399
7101	71.00	2.510	2.625	2.733	2.815	2.859	2.868	2.865	2.880	2.933	3.024
7111	71.10	3.123	3.187	3.174	3.060	2.856	2.602	2.350	2.145	2.006	1.928
7121	71.20	1.880	1.831	1.763	1.680	1.604	1.562	1.525	1.642	1.742	1.841
7131	71.30	1.905	1.916	1.866	1.777	1.665	1.552	1.451	1.367	1.298	1.239
7141	71.40	1.189	1.152	1.132	1.130	1.143	1.161	1.169	1.151	1.100	1.015
7151	71.50	0.906	0.738	0.677	0.582	0.505	0.435	0.362	0.274	0.169	0.053
7161	71.60	-0.060	-0.156	-0.231	-0.287	-0.340	-0.403	-0.484	-0.581	-0.677	-0.753
7171	71.70	-0.796	-0.809	-0.810	-0.831	-0.897	-1.025	-1.211	-1.436	-1.670	-1.900
7181	71.80	-2.115	-2.319	-2.515	-2.701	-2.861	-2.975	-3.022	-2.998	-2.919	-2.814
7191	71.90	-2.715	-2.640	-2.589	-2.537	-2.458	-2.332	-2.160	-1.963	-1.770	-1.602
7201	72.00	-1.463	-1.336	-1.192	-1.019	-0.815	-0.594	-0.379	-0.174	0.035	0.282
7211	72.10	0.596	0.984	1.411	1.806	2.090	2.210	2.165	2.021	1.882	1.851
7221	72.20	1.987	2.277	2.643	2.971	3.159	3.159	2.987	2.712	2.422	2.184
7231	72.30	2.022	1.920	1.834	1.727	1.581	1.405	1.221	1.050	0.896	0.749
7241	72.40	0.595	0.426	0.257	0.112	0.016	-0.019	-0.009	0.013	0.012	-0.035
7251	72.50	-0.121	-0.213	-0.267	-0.268	-0.147	0.011	0.180	0.313	0.377	0.368
7261	72.60	0.308	0.237	0.191	0.190	0.235	0.307	0.378	0.423	0.432	0.405
7271	72.70	0.359	0.316	0.292	0.296	0.318	0.334	0.312	0.220	0.043	-0.211
7281	72.80	-0.513	-0.815	-1.071	-1.247	-1.336	-1.356	-1.344	-1.336	-1.357	-1.412
7291	72.90	-1.488	-1.564	-1.625	-1.663	-1.684	-1.694	-1.699	-1.693	-1.670	-1.620
7301	73.00	-1.544	-1.452	-1.355	-1.262	-1.167	-1.052	-0.895	-0.683	-0.422	-0.143
7311	73.10	0.113	0.307	0.421	0.446	0.476	0.494	0.549	0.647	0.771	0.888
7321	73.20	0.974	1.018	1.030	1.029	1.031	1.035	1.029	0.992	0.915	0.805
7331	73.30	0.686	0.591	0.539	0.530	0.543	0.548	0.521	0.462	0.392	0.342
7341	73.40	0.332	0.361	0.402	0.419	0.366	0.307	0.221	0.179	0.225	0.359
7351	73.50	0.538	0.680	0.704	0.564	0.275	-0.085	-0.407	-0.593	-0.594	-0.430
7361	73.60	-0.182	0.042	0.168	0.142	-0.013	-0.235	-0.452	-0.609	-0.688	-0.710
7371	73.70	-0.713	-0.733	-0.789	-0.875	-0.970	-1.049	-1.098	-1.118	-1.119	-1.115
7381	73.80	-1.117	-1.126	-1.140	-1.155	-1.170	-1.185	-1.202	-1.220	-1.233	-1.232
7391	73.90	-1.210	-1.170	-1.118	-1.070	-1.036	-1.021	-1.020	-1.022	-1.016	-0.996
7401	74.00	-0.965	-0.933	-0.911	-0.906	-0.906	-0.904	-0.881	-0.829	-0.748	-0.650
7411	74.10	-0.553	-0.472	-0.411	-0.367	-0.335	-0.271	-0.206	-0.135	-0.043	0.026
7421	74.20	0.070	0.088	0.086	0.074	0.067	0.070	0.095	0.107	0.130	0.151
7431	74.30	0.169	0.191	0.226	0.277	0.347	0.428	0.508	0.574	0.614	0.627
7441	74.40	0.618	0.598	0.584	0.586	0.608	0.643	0.677	0.697	0.698	0.688
7451	74.50	0.686	0.716	0.795	0.923	1.082	1.236	1.368	1.395	1.373	1.306
7461	74.60	1.232	1.190	1.203	1.266	1.358	1.446	1.504	1.527	1.531	1.544
7471	74.70	1.593	1.690	1.827	1.982	2.131	2.262	2.377	2.490	2.613	2.745
7481	74.80	2.865	2.935	2.919	2.796	2.572	2.282	1.975	1.695	1.467	1.285
7491	74.90	1.127	0.963	0.773	0.556	0.328	0.111	-0.079	-0.243	-0.400	-0.572

Table 7—36—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1129 S01-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.772	-0.999	-1.230	-1.431	-1.574	-1.644	-1.651	-1.622	-1.592	-1.591
7511	75.10	-1.630	-1.701	-1.784	-1.849	-1.876	-1.856	-1.796	-1.715	-1.637	-1.585
7521	75.20	-1.521	-1.597	-1.650	-1.710	-1.759	-1.786	-1.790	-1.793	-1.819	-1.884
7531	75.30	-1.991	-2.114	-2.208	-2.221	-2.114	-1.881	-1.559	-1.213	-0.925	-0.755
7541	75.40	-0.728	-0.819	-0.968	-1.101	-1.160	-1.122	-1.001	-0.839	-0.684	-0.568
7551	75.50	-0.497	-0.451	-0.403	-0.332	-0.232	-0.117	-0.008	0.077	0.136	0.180
7561	75.60	0.228	0.297	0.390	0.493	0.585	0.647	0.671	0.665	0.649	0.641
7571	75.70	0.654	0.686	0.723	0.751	0.757	0.742	0.715	0.688	0.666	0.646
7581	75.80	0.614	0.557	0.467	0.349	0.221	0.103	0.016	-0.043	-0.073	-0.091
7591	75.90	-0.106	-0.118	-0.115	-0.077	0.012	0.157	0.344	0.552	0.753	0.930
7601	76.00	1.078	1.207	1.332	1.466	1.615	1.774	1.934	2.089	2.238	2.382
7611	76.10	2.520	2.645	2.758	2.773	2.732	2.608	2.415	2.181	1.939	1.713
7621	76.20	1.508	1.313	1.108	0.880	0.629	0.375	0.146	-0.036	-0.164	-0.254
7631	76.30	-0.331	-0.425	-0.549	-0.698	-0.850	-0.980	-1.073	-1.130	-1.168	-1.208
7641	76.40	-1.267	-1.348	-1.445	-1.543	-1.634	-1.719	-1.805	-1.899	-2.000	-2.099
7651	76.50	-2.179	-2.227	-2.245	-2.247	-2.258	-2.298	-2.368	-2.452	-2.519	-2.538
7661	76.60	-2.492	-2.392	-2.266	-2.165	-2.081	-2.015	-1.992	-1.963	-1.902	-1.797
7671	76.70	-1.656	-1.500	-1.349	-1.218	-1.106	-1.005	-0.903	-0.792	-0.669	-0.533
7681	76.80	-0.384	-0.217	-0.028	0.179	0.393	0.595	0.747	0.907	1.030	1.165
7691	76.90	1.365	1.584	1.866	2.142	2.365	2.419	2.334	2.147	1.895	1.675
7701	77.00	1.555	1.566	1.692	1.880	2.069	2.213	2.295	2.323	2.319	2.301
7711	77.10	2.269	2.210	2.106	1.949	1.745	1.517	1.290	1.085	0.910	0.762
7721	77.20	0.635	0.530	0.458	0.437	0.477	0.571	0.690	0.792	0.857	0.804
7731	77.30	0.702	0.565	0.441	0.366	0.352	0.378	0.401	0.377	0.277	0.107
7741	77.40	-0.096	-0.277	-0.385	-0.389	-0.298	-0.143	0.015	0.122	0.143	0.073
7751	77.50	-0.089	-0.265	-0.418	-0.584	-0.676	-0.763	-0.841	-0.920	-1.004	-1.083
7761	77.60	-1.146	-1.185	-1.203	-1.216	-1.243	-1.296	-1.374	-1.461	-1.531	-1.562
7771	77.70	-1.544	-1.488	-1.421	-1.368	-1.316	-1.318	-1.348	-1.314	-1.220	-1.062
7781	77.80	-0.861	-0.854	-0.826	-0.745	-0.658	-0.691	-0.815	-0.911	-0.116	0.243
7791	77.90	0.336	0.370	0.361	0.266	0.180	0.117	0.096	0.115	0.156	0.192
7801	78.00	0.205	0.191	0.159	0.130	0.117	0.126	0.152	0.181	0.203	0.214
7811	78.10	0.218	0.224	0.238	0.261	0.289	0.312	0.326	0.329	0.329	0.333
7821	78.20	0.348	0.371	0.396	0.414	0.419	0.415	0.408	0.411	0.431	0.464
7831	78.30	0.502	0.524	0.516	0.469	0.387	0.287	0.189	0.115	0.078	0.075
7841	78.40	0.104	0.151	0.205	0.260	0.317	0.383	0.484	0.565	0.683	0.809
7851	78.50	0.926	1.009	1.069	1.081	0.954	0.828	0.666	0.486	0.304	0.133
7861	78.60	-0.025	-0.169	-0.304	-0.438	-0.576	-0.715	-0.860	-1.003	-1.141	-1.267
7871	78.70	-1.378	-1.473	-1.553	-1.623	-1.688	-1.754	-1.823	-1.893	-1.960	-2.015
7881	78.80	-2.048	-2.052	-2.023	-1.961	-1.870	-1.756	-1.623	-1.473	-1.302	-1.105
7891	78.90	-0.875	-0.608	-0.367	0.015	0.341	0.443	0.496	1.078	1.179	1.206
7901	79.00	1.180	1.135	1.109	1.129	1.213	1.355	1.531	1.708	1.850	1.930
7911	79.10	1.937	1.872	1.751	1.594	1.422	1.252	1.097	0.965	0.862	0.789
7921	79.20	0.742	0.711	0.680	0.630	0.568	0.488	0.379	0.117	-0.041	-0.184
7931	79.30	-0.314	-0.444	-0.592	-0.770	-0.971	-1.172	-1.335	-1.428	-1.432	-1.361
7941	79.40	-1.251	-1.152	-1.110	-1.165	-1.245	-1.369	-1.468	-1.501	-1.456	-1.343
7951	79.50	-1.205	-1.082	-1.004	-0.977	-0.988	-1.014	-1.037	-1.056	-1.076	-1.117
7961	79.60	-1.186	-1.269	-1.339	-1.360	-1.307	-1.182	-1.013	-0.850	-0.740	-0.712
7971	79.70	-0.758	-0.835	-0.883	-0.865	-0.686	-0.412	-0.058	0.323	0.681	0.987
7981	79.80	1.235	1.440	1.627	1.812	1.997	2.171	2.318	2.427	2.497	2.543
7991	79.90	2.588	2.652	2.744	2.859	2.978	3.078	3.139	3.154	3.129	3.080

Table 7—36—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1129 S01-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8001	80.00	3.028	2.987	2.962	2.944	2.915	2.859	2.761	2.619	2.439	2.237
8011	80.10	2.029	1.827	1.635	1.453	1.272	1.086	0.896	0.700	0.512	0.339
8021	80.20	0.191	0.069	-0.031	-0.118	-0.201	-0.289	-0.387	-0.496	-0.614	-0.739
8031	80.30	-0.865	-0.991	-1.111	-1.224	-1.327	-1.419	-1.502	-1.575	-1.644	-1.712
8041	80.40	-1.783	-1.859	-1.943	-2.035	-2.131	-2.229	-2.324	-2.412	-2.489	-2.555
8051	80.50	-2.613	-2.663	-2.706	-2.737	-2.751	-2.739	-2.700	-2.636	-2.562	-2.494
8061	80.60	-2.444	-2.416	-2.399	-2.367	-2.297	-2.170	-1.987	-1.765	-1.530	-1.304
8071	80.70	-1.092	-0.881	-0.645	-0.359	-0.016	0.366	0.739	1.063	1.305	1.461
8081	80.80	1.557	1.632	1.722	1.835	1.950	2.031	2.043	1.979	1.871	1.775
8091	80.90	1.751	1.834	2.013	2.235	2.423	2.508	2.458	2.286	2.043	1.789
8101	81.00	1.569	1.395	1.250	1.101	0.925	0.725	0.532	0.386	0.319	0.337
8111	81.10	0.412	0.499	0.569	0.531	0.445	0.313	0.169	0.041	-0.058	-0.134
8121	81.20	-0.200	-0.271	-0.352	-0.436	-0.515	-0.582	-0.639	-0.692	-0.749	-0.810
8131	81.30	-0.868	-0.908	-0.917	-0.889	-0.834	-0.772	-0.730	-0.725	-0.763	-0.834
8141	81.40	-0.917	-0.993	-1.046	-1.077	-1.074	-1.113	-1.166	-1.197	-1.261	-1.325
8151	81.50	-1.372	-1.390	-1.372	-1.317	-1.231	-1.120	-0.992	-0.853	-0.709	-0.567
8161	81.60	-0.435	-0.323	-0.236	-0.179	-0.167	-0.134	-0.129	-0.125	-0.119	-0.114
8171	81.70	-0.116	-0.126	-0.142	-0.152	-0.139	-0.092	-0.005	0.108	0.226	0.322
8181	81.80	0.377	0.391	0.384	0.388	0.435	0.543	0.708	0.909	1.105	1.274
8191	81.90	1.402	1.495	1.573	1.658	1.758	1.868	1.966	2.027	2.030	1.964
8201	82.00	1.630	1.636	1.600	1.128	0.837	0.567	0.278	0.052	-0.124	-0.259
8211	82.10	-0.381	-0.527	-0.722	-0.971	-1.245	-1.492	-1.658	-1.713	-1.668	-1.572
8221	82.20	-1.492	-1.483	-1.562	-1.702	-1.810	-1.915	-1.893	-1.788	-1.650	-1.542
8231	82.30	-1.504	-1.532	-1.575	-1.562	-1.462	-1.205	-0.899	-0.606	-0.407	-0.343
8241	82.40	-0.393	-0.488	-0.536	-0.466	-0.253	0.059	0.390	0.654	0.791	0.790
8251	82.50	0.690	0.553	0.443	0.400	0.431	0.512	0.603	0.666	0.678	0.632
8261	82.60	0.543	0.436	0.344	0.301	0.331	0.466	0.627	0.850	1.072	1.252
8271	82.70	1.367	1.418	1.427	1.427	1.462	1.477	1.508	1.500	1.416	1.248
8281	82.80	1.015	0.768	0.566	0.455	0.454	0.547	0.692	0.843	0.963	1.032
8291	82.90	1.049	1.020	0.949	0.839	0.696	0.536	0.390	0.301	0.307	0.430
8301	83.00	0.653	0.928	1.184	1.354	1.399	1.317	1.149	0.956	0.797	0.706
8311	83.10	0.690	0.722	0.763	0.774	0.729	0.618	0.446	0.227	-0.019	-0.270
8321	83.20	-0.499	-0.680	-0.795	-0.852	-0.803	-0.733	-0.658	-0.611	-0.609	-0.647
8331	83.30	-0.701	-0.741	-0.742	-0.700	-0.633	-0.569	-0.534	-0.538	-0.567	-0.595
8341	83.40	-0.592	-0.541	-0.447	-0.334	-0.232	-0.165	-0.135	-0.127	-0.112	-0.067
8351	83.50	0.011	0.104	0.179	0.202	0.155	0.048	-0.089	-0.213	-0.290	-0.308
8361	83.60	-0.283	-0.248	-0.242	-0.289	-0.391	-0.524	-0.655	-0.752	-0.801	-0.810
8371	83.70	-0.800	-0.793	-0.803	-0.826	-0.848	-0.848	-0.816	-0.760	-0.699	-0.658
8381	83.80	-0.654	-0.683	-0.722	-0.737	-0.699	-0.599	-0.458	-0.316	-0.220	-0.202
8391	83.90	-0.270	-0.396	-0.532	-0.630	-0.656	-0.610	-0.522	-0.440	-0.408	-0.452
8401	84.00	-0.566	-0.716	-0.856	-0.961	-0.950	-0.888	-0.784	-0.683	-0.623	-0.628
8411	84.10	-0.696	-0.801	-0.906	-0.970	-0.965	-0.881	-0.727	-0.528	-0.312	-0.105
8421	84.20	0.080	0.243	0.396	0.552	0.718	0.891	1.057	1.194	1.282	1.313
8431	84.30	1.290	1.230	1.157	1.090	1.041	1.010	0.987	0.961	0.927	0.884
8441	84.40	0.838	0.799	0.768	0.741	0.709	0.663	0.600	0.527	0.457	0.406
8451	84.50	0.380	0.376	0.379	0.368	0.326	0.252	0.156	0.062	-0.008	-0.035
8461	84.60	-0.018	0.029	0.083	0.122	0.131	0.106	0.053	-0.018	-0.096	-0.175
8471	84.70	-0.269	-0.317	-0.370	-0.402	-0.406	-0.379	-0.328	-0.264	-0.205	-0.163
8481	84.80	-0.145	-0.144	-0.150	-0.148	-0.131	-0.096	-0.050	-0.000	0.046	0.091
8491	84.90	0.139	0.195	0.259	0.324	0.377	0.403	0.395	0.356	0.299	0.241

Table 7—36—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1129 S01-GR-1-124 HB. (HB.) FUTTSU CAPE MAX. ACC. = 42.692 (GAL) T= 12.48 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
8501	85.00	0.197	0.175	0.169	0.169	0.163	0.144	0.114	0.078	0.046	0.021
8511	85.10	0.001	-0.021	-0.049	-0.082	-0.119	-0.156	-0.192	-0.205	-0.211	-0.218
8521	85.20	-0.233	-0.256	-0.278	-0.283	-0.260	-0.208	-0.139	-0.075	-0.039	-0.047
8531	85.30	-0.098	-0.178	-0.265	-0.339	-0.391	-0.426	-0.459	-0.506	-0.574	-0.661
8541	85.40	-0.751	-0.828	-0.875	-0.888	-0.871	-0.831	-0.781	-0.726	-0.672	-0.623
8551	85.50	-0.584	-0.559	-0.553	-0.564	-0.580	-0.585	-0.562	-0.498	-0.396	-0.269
8561	85.60	-0.143	-0.043	0.017	0.034	0.017	-0.013	-0.039	-0.047	-0.033	0.004
8571	85.70	0.063	0.143	0.242	0.357	0.478	0.593	0.687	0.756	0.802	0.841
8581	85.80	0.896	0.984	1.112	1.272	1.445	1.606	1.740	1.845	1.931	2.013
8591	85.90	2.101	2.188	2.257	2.280	2.236	2.119	1.945	1.749	1.568	1.430
8601	86.00	1.342	1.292	1.250	1.189	1.090	0.956	0.805	0.661	0.548	0.471
8611	86.10	0.422	0.382	0.330	0.251	0.146	0.026	-0.094	-0.199	-0.286	-0.366
8621	86.20	-0.454	-0.566	-0.709	-0.880	-1.066	-1.249	-1.420	-1.574	-1.721	-1.871
8631	86.30	-2.031	-2.194	-2.344	-2.452	-2.495	-2.459	-2.353	-2.203	-2.044	-1.907
8641	86.40	-1.810	-1.749	-1.705	-1.653	-1.574	-1.465	-1.331	-1.198	-1.086	-1.005
8651	86.50	-0.953	-0.920	-0.891	-0.856	-0.813	-0.766	-0.721	-0.680	-0.637	-0.585
8661	86.60	-0.516	-0.430	-0.334	-0.239	-0.156	-0.086	-0.018	0.062	0.168	0.305
8671	86.70	0.461	0.616	0.745	0.833	0.878	0.896	0.909	0.939	0.996	1.079
8681	86.80	1.173	1.266	1.349	1.425	1.502	1.589	1.685	1.782	1.864	1.915
8691	86.90	1.928	1.906	1.865	1.821	1.784	1.752	1.712	1.643	1.529	1.365
8701	87.00	1.158	0.922	0.690	0.466	0.258	0.074	-0.089	-0.232	-0.351	-0.439
8711	87.10	-0.493	-0.517	-0.522	-0.528	-0.560	-0.635	-0.759	-0.927	-1.119	-1.307
8721	87.20	-1.665	-1.574	-1.625	-1.628	-1.602	-1.568	-1.547	-1.544	-1.551	-1.543
8731	87.30	-1.493	-1.379	-1.201	-0.979	-0.755	-0.577	-0.481	-0.480	-0.552	-0.648
8741	87.40	-0.710	-0.689	-0.566	-0.356	-0.098	0.145	0.325	0.419	0.431	0.394
8751	87.50	0.352	0.344	0.391	0.492	0.628	0.769	0.886	0.963	0.997	0.996
8761	87.60	0.978	0.958	0.949	0.956	0.975	0.999	1.021	1.036	1.042	1.040
8771	87.70	1.029	1.010	0.976	0.918	0.831	0.711	0.565	0.410	0.267	0.153
8781	87.80	0.080	0.045	0.038	0.036	0.025	-0.002	-0.042	-0.084	-0.116	-0.133
8791	87.90	-0.140	-0.150	-0.178	-0.232	-0.309	-0.393	-0.462	-0.497	-0.488	-0.442
8801	88.00	-0.375	-0.311	-0.266	-0.248	-0.251	-0.260	-0.261	-0.244	-0.210	-0.171
8811	88.10	-0.140	-0.131	-0.146	-0.182	-0.225	-0.262	-0.282	-0.284	-0.277	-0.275
8821	88.20	-0.293	-0.336	-0.405	-0.486	-0.565	-0.626	-0.662	-0.674	-0.669	-0.660
8831	88.30	-0.656	-0.662	-0.674	-0.697	-0.720	-0.749	-0.787	-0.837	-0.898	-0.962
8841	88.40	-1.034	-1.060	-1.050	-0.998	-0.919	-0.850	-0.799	-0.772	-0.783	-0.804
8851	88.50	-0.823	-0.820	-0.785	-0.715	-0.611	-0.482	-0.335	-0.169	0.006	0.187
8861	88.60	0.369	0.544	0.709	0.865	1.018	1.173	1.335	1.498	1.649	1.771
8871	88.70	1.868	1.876	1.863	1.828	1.793	1.775	1.778	1.792	1.797	1.773
8881	88.80	1.706	1.592	1.440	1.262	1.075	0.888	0.706	0.530	0.357	0.187
8891	88.90	0.021	-0.139	-0.291	-0.434	-0.567	-0.693	-0.813	-0.927	-1.037	-1.144
8901	89.00	-1.247	-1.344	-1.427	-1.487	-1.512	-1.495	-1.434	-1.338	-1.220	-1.098
8911	89.10	-0.988	-0.893	-0.810	-0.726	-0.630	-0.513	-0.378	-0.233	-0.090	0.042
8921	89.20	0.160	0.271	0.381	0.497	0.619	0.736	0.838	0.914	0.965	1.000
8931	89.30	1.037	1.092	1.173	1.276	1.386	1.485	1.556	1.592	1.597	1.577
8941	89.40	1.539	1.478	1.368	1.258	1.087	0.887	0.683	0.504	0.373	0.296
8951	89.50	0.268	0.205	0.135	0.024	-0.119	-0.244	-0.374	-0.428	-0.427	-0.402
8961	89.60	-0.393	-0.433	-0.530	-0.663	-0.789	-0.868	-0.882	-0.845	-0.795	-0.774
8971	89.70	-0.807	-0.885	-0.973	-1.026	-1.019	-0.955	-0.871	-0.814	-0.813	-0.863
8981	89.80	-0.920	-0.922	-0.823	-0.614	-0.333	-0.046	0.182	0.324	0.400	0.465
8991	89.90	0.572	0.238	0.923	1.045	1.015	0.783	0.373	-0.119	-0.558	-0.821

Table 7—37—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-4.675	2.415	7.924	8.775	4.112	-6.060	-11.712	-14.735	-11.060	-1.837
11	0.10	8.951	16.324	16.702	9.658	-1.830	-12.795	-16.617	-17.159	-9.566	0.421
21	0.20	8.512	11.903	10.430	6.261	2.392	0.847	1.578	2.669	1.671	-2.689
31	0.30	-9.440	-15.564	-17.420	-12.670	-1.702	12.215	24.175	29.699	26.444	16.076
41	0.40	1.735	-11.604	-20.057	-22.002	-18.337	-11.667	-4.929	-0.139	2.182	2.802
51	0.50	3.014	3.811	5.396	7.192	8.253	7.929	5.945	2.767	-0.765	-3.737
61	0.60	-5.477	-5.717	-4.653	-2.751	-0.793	0.530	0.745	-0.190	-1.803	-3.218
71	0.70	-3.479	-1.971	1.212	5.167	8.433	9.553	7.697	3.096	-2.949	-8.502
81	0.80	-11.704	-11.467	-7.865	-2.073	4.075	8.725	10.571	9.182	5.036	-0.695
91	0.90	-6.456	-10.687	-12.155	-10.267	-5.280	1.668	8.658	13.687	15.124	12.439
101	1.00	6.483	-0.713	-6.640	-9.267	-7.866	-3.330	2.171	6.077	6.501	3.008
111	1.10	-3.211	-9.836	-14.346	-14.982	-11.352	-4.484	3.639	10.807	15.275	16.190
121	1.20	13.681	8.671	2.558	-3.135	-7.070	-8.359	-6.775	-2.843	2.211	6.273
131	1.30	9.310	8.882	5.507	0.185	-5.440	-9.669	-11.351	-10.232	-6.941	-2.629
141	1.40	1.533	4.748	6.722	7.511	7.244	5.915	3.418	-0.225	-4.563	-8.598
151	1.50	-10.982	-10.517	-6.755	-0.596	6.767	12.388	14.438	12.026	5.835	-2.070
161	1.60	-8.988	-12.610	-11.892	-7.436	-1.202	4.300	7.018	6.134	2.315	-2.651
171	1.70	-6.646	-8.102	-6.591	-2.907	1.372	4.611	5.808	4.950	2.900	0.893
181	1.80	-0.079	0.275	1.470	2.534	2.771	1.745	-0.064	-1.728	-2.312	-1.380
191	1.90	0.756	3.159	4.719	4.691	3.049	0.468	-2.041	-3.655	-4.137	-3.903
201	2.00	-3.710	-4.165	-5.310	-6.541	-6.905	-5.638	-2.648	1.339	5.055	7.277
211	2.10	7.419	5.817	3.541	1.828	1.424	2.189	3.173	3.159	1.367	-2.025
221	2.20	-5.864	-8.516	-8.668	-6.012	-1.485	3.103	5.862	5.687	2.759	-1.544
231	2.30	-5.281	-6.829	-5.589	-2.195	1.846	4.884	5.875	4.784	2.499	0.415
241	2.40	-0.720	-0.286	1.117	2.478	2.801	1.593	-0.918	-3.902	-6.305	-7.275
251	2.50	-6.468	-4.108	-0.834	2.570	5.416	7.258	7.902	7.366	5.815	3.557
261	2.60	0.925	-1.550	-3.623	-4.361	-4.276	-3.361	-2.030	-0.749	0.141	0.536
271	2.70	0.560	0.428	0.280	0.065	-0.435	-1.469	-3.007	-4.804	-6.234	-6.613
281	2.80	-5.504	-2.993	0.247	3.148	4.667	4.253	2.033	-1.015	-3.619	-4.649
291	2.90	-3.628	-0.960	2.233	4.579	5.047	3.393	0.264	-3.079	-5.301	-5.538
301	3.00	-3.732	-0.598	2.727	5.180	6.189	5.821	4.634	3.315	2.331	1.745
311	3.10	1.287	0.616	-0.379	-1.437	-2.014	-1.579	0.048	2.494	4.898	6.247
321	3.20	5.623	3.566	0.160	-3.214	-5.353	-5.537	-3.834	-1.055	1.602	3.072
331	3.30	2.874	1.286	-0.818	-2.384	-2.659	-1.514	0.522	2.524	3.594	3.252
341	3.40	1.627	-0.620	-2.604	-3.584	-3.253	-1.817	0.132	1.894	2.931	3.038
351	3.50	2.348	1.203	-0.037	-1.140	-2.055	-2.859	-3.647	-4.431	-5.101	-5.454
361	3.60	-5.282	-4.458	-2.992	-1.028	1.189	3.364	5.198	6.408	6.754	6.076
371	3.70	4.352	1.755	-1.518	-4.294	-6.540	-7.544	-7.077	-5.286	-2.664	0.109
381	3.80	2.381	3.735	4.097	3.702	2.948	2.213	1.696	1.380	1.094	0.653
391	3.90	-0.008	-0.775	-1.391	-1.569	-1.116	-0.024	1.528	3.227	4.720	5.682
401	4.00	5.857	5.070	3.250	0.474	-2.971	-6.541	-9.484	-10.987	-10.430	-7.639
411	4.10	-3.040	2.377	7.511	10.541	11.312	9.595	6.030	1.724	-2.163	-4.775
421	4.20	-5.760	-5.270	-3.773	-1.822	0.139	1.832	3.107	3.871	4.053	3.669
431	4.30	2.808	1.876	1.327	1.578	2.746	4.490	6.033	6.413	6.473	5.237
441	4.40	-3.901	-9.295	-13.433	-15.060	-13.624	-9.481	-3.768	1.975	6.304	8.292
451	4.50	7.749	5.201	1.661	-1.702	-3.899	-4.380	-3.173	-0.870	1.547	3.009
461	4.60	2.766	0.614	-2.743	-6.038	-7.769	-6.823	-3.016	2.688	8.623	12.092
471	4.70	12.214	8.587	2.444	-3.990	-8.396	-9.317	-6.754	-2.126	2.381	4.791
481	4.80	4.174	0.974	-3.289	-6.784	-8.190	-7.197	-4.472	-1.175	1.674	3.627
491	4.90	4.820	5.634	6.232	6.318	5.281	2.663	-1.345	-5.693	-8.765	-9.082

Table 7—37—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-6.069	-0.493	5.727	10.282	11.475	8.977	3.948	-1.532	-5.458	-6.817
511	5.10	-5.966	-4.302	-3.409	-4.142	-6.142	-8.022	-8.134	-5.506	-0.439	5.543
521	5.20	10.368	12.376	11.069	7.279	2.696	-0.981	-2.808	-2.918	-2.240	-1.835
531	5.30	-2.227	-3.107	-3.557	-2.655	-0.096	3.510	6.852	8.530	7.745	4.696
541	5.40	0.503	-3.318	-5.532	-5.680	-4.167	-1.948	-0.007	1.070	1.240	0.827
551	5.50	0.212	-0.413	-1.067	-1.790	-2.415	-2.690	-1.466	0.929	4.342	7.720
561	5.60	9.616	8.800	4.888	-1.328	-8.047	-13.097	-14.772	-12.506	-7.077	-0.273
571	5.70	5.825	9.599	10.382	8.513	5.004	1.043	-2.408	-4.796	-5.913	-5.750
581	5.80	-4.398	-2.081	0.742	3.339	4.840	4.563	2.370	-1.125	-4.669	-6.815
591	5.90	-6.516	-3.609	1.057	5.935	9.393	10.354	8.670	5.077	0.792	-3.031
601	6.00	-5.697	-7.070	-7.357	-6.796	-5.440	-3.204	-0.122	3.365	6.329	7.611
611	6.10	6.326	2.405	-3.168	-8.578	-11.840	-11.615	-7.812	-1.675	4.705	9.247
621	6.20	10.708	9.119	5.639	1.927	-0.638	-1.518	-1.107	-0.344	-0.503	-0.694
631	6.30	-1.724	-2.392	-2.021	-0.522	1.475	2.903	2.817	0.930	-2.152	-5.148
641	6.40	-6.661	-5.827	-2.732	1.597	5.626	7.955	7.883	5.633	2.181	-1.223
651	6.50	-3.583	-4.490	-4.152	-3.134	-1.982	-0.948	0.062	1.506	2.912	4.672
661	6.60	6.015	6.236	4.852	1.903	-1.948	-5.601	-7.918	-8.179	-6.370	-3.192
671	6.70	0.235	2.839	4.029	3.905	3.137	2.586	2.841	3.893	5.115	5.571
681	6.80	4.505	1.779	-1.968	-5.542	-7.713	-7.787	-5.957	-3.236	-0.983	-0.226
691	6.90	-1.133	-2.886	-4.068	-3.405	-0.485	3.889	7.961	9.788	8.203	3.479
701	7.00	-2.640	-7.618	-9.241	-6.664	-0.891	5.569	9.741	9.486	4.460	-3.659
711	7.10	-11.861	-16.905	-16.783	-11.276	-2.044	8.113	16.325	20.587	20.243	15.897
721	7.20	8.951	1.045	-6.334	-12.005	-15.099	-15.077	-11.875	-6.094	0.823	7.171
731	7.30	10.829	10.690	6.878	0.908	-4.867	-8.125	-7.773	-4.275	0.457	3.994
741	7.40	4.565	1.937	-2.452	-6.193	-7.108	-4.371	1.033	6.736	10.104	9.495
751	7.50	5.029	-1.506	-7.538	-10.944	-10.981	-8.467	-5.159	-2.676	-1.588	-1.151
761	7.60	0.148	3.551	9.060	15.118	19.141	18.720	12.870	2.731	-8.695	-17.669
771	7.70	-21.209	-18.234	-10.173	0.135	9.196	14.426	14.918	11.477	5.971	0.389
781	7.80	-3.903	-6.642	-7.467	-7.413	-6.573	-4.994	-2.694	0.035	2.485	3.710
791	7.90	2.970	0.207	-3.737	-7.319	-8.885	-7.385	-2.886	3.372	9.413	13.281
801	8.00	13.789	10.941	5.875	0.375	-3.819	-5.628	-4.940	-2.536	0.300	2.293
811	8.10	2.631	1.213	-1.366	-4.053	-5.691	-5.429	-2.994	1.169	5.984	10.020
821	8.20	11.902	10.743	6.473	-0.065	-7.275	-13.214	-16.157	-15.103	-10.137	-2.476
831	8.30	5.814	12.359	15.183	13.324	7.198	-1.433	-9.950	-15.673	-16.749	-12.818
841	8.40	-5.186	3.591	10.602	13.638	11.997	6.704	0.055	-5.345	-7.633	-6.587
851	8.50	-2.669	1.568	4.620	4.869	3.128	0.380	-1.926	-2.819	-2.224	-0.858
861	8.60	0.295	0.591	0.078	-0.607	-0.712	0.100	1.486	2.614	2.697	1.556
871	8.70	-0.175	-1.332	-0.937	1.110	3.750	5.148	3.618	-1.356	-8.544	-15.240
881	8.80	-18.292	-15.499	-6.724	5.840	18.391	26.921	28.717	23.286	12.388	-0.775
891	8.90	-12.765	-20.971	-24.137	-22.289	-16.299	-7.631	2.879	13.008	21.103	25.257
901	9.00	24.012	17.027	5.557	-7.600	-18.849	-24.994	-24.436	-17.815	-7.785	2.923
911	9.10	8.512	9.797	6.669	1.186	-3.864	-6.239	-5.036	-0.846	4.713	9.755
921	9.20	12.820	13.228	11.069	6.872	1.524	-4.069	-8.926	-12.063	-12.658	-10.347
931	9.30	-5.494	0.733	6.630	10.519	11.383	9.287	5.360	1.205	-1.645	-2.553
941	9.40	-1.899	-0.793	-0.416	-1.353	-3.269	-5.088	-5.603	-4.144	-1.103	2.356
951	9.50	4.648	4.634	2.144	-1.925	-6.038	-8.734	-9.275	-7.889	-5.532	-3.302
961	9.60	-1.849	-1.093	-0.405	0.871	2.864	4.918	5.826	4.652	0.634	-5.416
971	9.70	-11.272	-14.995	-15.064	-11.307	-5.046	1.427	5.835	6.890	4.816	1.152
981	9.80	-2.058	-3.298	-2.322	-0.247	1.069	0.048	-3.679	-8.924	-13.360	-14.545
991	9.90	-11.073	-3.342	6.459	15.131	19.685	18.484	11.836	1.821	-8.520	-16.244

Table 7—37—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-19.393	-17.388	-10.907	-1.408	9.398	19.909	28.756	34.786	37.072	35.050
1011	10.10	28.772	19.107	7.735	-3.174	-11.527	-15.895	-15.906	-12.250	-6.328	0.289
1021	10.20	6.335	11.072	14.204	15.603	15.057	12.213	6.763	-1.212	-10.953	-20.966
1031	10.30	-29.282	-33.964	-33.692	-28.200	-18.428	-6.334	5.570	14.812	19.554	19.033
1041	10.40	13.767	5.458	-3.407	-10.206	-12.919	-10.756	-4.629	4.023	11.910	16.791
1051	10.50	17.300	13.565	7.057	-0.071	-5.847	-9.172	-10.046	-9.269	-7.811	-4.209
1061	10.60	-4.105	-1.470	2.853	8.578	14.723	19.648	21.675	19.798	14.134	5.891
1071	10.70	-3.108	-11.108	-16.976	-20.603	-21.732	-21.565	-20.428	-18.643	-16.426	-14.049
1081	10.80	-11.883	-10.230	-9.033	-7.687	-5.155	-0.432	6.815	15.785	24.555	30.666
1091	10.90	32.070	27.989	19.268	7.996	-3.405	-13.172	-20.738	-26.512	-31.049	-34.080
1101	11.00	-36.056	-28.574	-15.659	4.749	29.810	54.002	70.629	74.127	62.224	37.022
1111	11.10	4.475	-27.551	-51.866	-64.154	-63.944	-54.099	-39.183	-23.529	-9.815	1.326
1121	11.20	10.726	19.571	28.388	36.608	42.804	45.379	43.291	36.466	25.779	12.711
1131	11.30	-1.079	-14.063	-24.968	-32.799	-36.891	-37.041	-33.678	-27.896	-21.238	-15.250
1141	11.40	-10.904	-8.218	-6.242	-3.483	1.404	8.943	18.699	28.402	36.491	40.812
1151	11.50	40.185	34.451	24.366	11.278	-3.202	-17.411	-29.697	-38.445	-42.176	-39.816
1161	11.60	-31.045	-16.607	1.609	20.797	37.758	49.540	54.042	50.398	39.096	21.864
1171	11.70	1.388	-19.075	-36.146	-46.850	-49.140	-42.495	-28.014	-8.572	11.751	28.479
1181	11.80	37.768	37.343	27.090	9.122	-12.703	-33.682	-49.367	-56.567	-54.037	-42.679
1191	11.90	-25.220	-5.470	12.651	26.048	33.084	33.757	29.389	21.984	13.522	5.459
1201	12.00	-1.423	-6.806	-10.483	-12.096	-11.156	-7.347	-0.940	6.960	14.554	19.868
1211	12.10	21.483	19.102	13.680	7.022	1.014	-3.134	-5.274	-6.158	-6.833	-7.936
1221	12.20	-9.274	-9.920	-8.761	-5.199	0.395	6.723	12.077	15.051	15.067	12.458
1231	12.30	8.095	2.832	-2.873	-8.946	-15.290	-21.306	-25.705	-26.848	-23.530	-15.823
1241	12.40	-5.475	4.458	10.707	11.171	5.930	-2.605	-10.565	-14.138	-11.084	-1.558
1251	12.50	12.086	26.366	38.089	45.420	48.189	47.367	44.119	38.969	31.561	20.968
1261	12.60	6.700	-10.751	-29.561	-46.976	-60.126	-66.913	-66.545	-59.580	-47.569	-32.425
1271	12.70	-16.216	-0.784	12.186	21.246	25.423	24.529	19.682	12.744	6.281	2.438
1281	12.80	2.119	4.576	7.705	8.999	6.756	0.960	-6.565	-12.928	-15.456	-12.951
1291	12.90	-6.297	1.896	8.438	11.008	9.174	4.548	-0.019	-1.803	0.494	6.121
1301	13.00	12.593	16.790	16.305	10.438	0.435	-11.100	-21.260	-27.869	-30.036	-28.074
1311	13.10	-22.937	-15.573	-6.560	3.784	14.934	25.673	33.962	37.366	33.953	23.152
1321	13.20	6.529	-12.563	-29.777	-41.123	-44.205	-38.869	-27.012	-11.688	4.078	18.221
1331	13.30	29.935	39.290	46.449	50.970	51.613	46.812	35.588	18.452	-2.214	-22.563
1341	13.40	-38.374	-46.411	-45.459	-36.637	-22.865	-7.779	5.411	14.665	19.099	18.783
1351	13.50	14.011	5.145	-7.199	-21.659	-35.722	-45.852	-48.319	-40.523	-22.278	3.574
1361	13.60	31.606	55.278	68.890	69.352	56.966	35.087	8.820	-16.621	-37.212	-50.666
1371	13.70	-56.188	-53.878	-44.194	-27.897	-6.408	17.743	40.833	58.523	67.012	66.308
1381	13.80	51.044	30.400	7.090	-14.159	-30.013	-39.222	-42.392	-41.065	-36.655	-29.827
1391	13.90	-20.578	-8.918	4.368	17.264	27.087	31.283	28.668	20.109	8.403	-2.675
1401	14.00	-9.746	-11.013	-6.786	0.847	8.918	14.662	16.244	12.994	5.206	-6.180
1411	14.10	-19.758	-33.616	-45.255	-51.776	-50.510	-40.021	-21.070	2.974	26.676	44.010
1421	14.20	50.327	44.045	27.353	5.573	-14.620	-27.445	-29.848	-22.274	-8.112	7.813
1431	14.30	21.040	28.843	30.720	27.973	22.747	17.022	12.001	8.019	4.869	2.230
1441	14.40	-0.057	-1.976	-3.503	-4.784	-6.142	-7.913	-10.186	-12.643	-14.616	-15.360
1451	14.50	-14.624	-11.914	-8.519	-5.264	-3.107	-2.569	-3.539	-5.356	-7.066	-7.744
1461	14.60	-6.740	-3.782	1.066	7.355	14.485	21.486	27.124	30.000	28.833	22.884
1471	14.70	12.379	-1.255	-15.503	-27.243	-33.699	-33.019	-25.216	-12.208	2.544	14.907
1481	14.80	21.220	19.349	9.352	-6.479	-24.177	-39.280	-48.008	-48.363	-40.618	-27.115
1491	14.90	-11.399	2.993	13.665	20.011	23.128	25.052	27.628	31.524	35.803	38.296

Table 7—37—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	36.627	29.456	17.381	3.039	-9.690	-17.112	-17.179	-10.373	0.407	10.915
1511	15.10	17.155	16.858	10.106	-0.750	-12.377	-21.741	-22.142	-18.492	-26.786	-23.177
1521	15.20	-18.186	-11.497	-2.662	5.002	21.646	32.769	38.962	37.332	27.046	9.852
1531	15.30	-10.124	-27.685	-38.309	-39.694	-32.413	-19.523	-5.305	6.261	12.675	13.342
1541	15.40	9.230	2.091	-6.291	-14.470	-21.263	-25.458	-25.660	-20.526	-9.386	7.044
1551	15.50	26.274	44.331	56.750	59.973	52.628	36.167	14.445	-7.249	-23.985	-32.524
1561	15.60	-32.115	-24.410	-12.649	-0.500	9.005	14.108	14.434	10.694	4.219	-3.661
1571	15.70	-10.879	-16.762	-20.115	-20.342	-17.406	-11.942	-5.205	1.200	5.780	7.641
1581	15.80	6.819	4.269	1.507	0.014	0.634	3.221	6.687	9.439	10.031	7.763
1591	15.90	2.987	-3.005	-8.448	-11.729	-11.925	-9.052	-3.961	2.021	7.535	11.529
1601	16.00	13.408	12.994	10.411	5.997	0.302	-5.871	-11.470	-15.346	-16.550	-14.685
1611	16.10	-10.138	-4.046	2.062	6.709	9.181	9.577	8.759	7.834	7.536	7.780
1621	16.20	7.621	5.668	0.770	-7.517	-17.601	-28.035	-36.131	-39.789	-37.977	-31.030
1631	16.30	-20.469	-8.251	2.909	12.069	18.307	21.643	22.553	21.652	19.442	16.347
1641	16.40	12.577	8.441	4.347	0.825	-1.547	-2.287	-1.180	1.601	5.455	9.447
1651	16.50	12.569	13.953	13.383	11.241	8.695	6.296	5.435	5.879	6.623	5.993
1661	16.60	2.351	-5.057	-15.508	-26.752	-35.630	-39.145	-35.581	-25.171	-10.031	6.623
1671	16.70	21.633	32.911	39.865	43.105	43.617	41.931	37.676	29.859	17.681	1.474
1681	16.80	-16.772	-33.660	-45.370	-49.011	-45.727	-35.069	-14.452	2.046	15.036	22.737
1691	16.90	25.141	23.467	19.253	13.606	6.940	-0.727	-9.177	-17.504	-24.077	-27.038
1701	17.00	-25.107	-18.306	-8.220	2.386	10.453	13.658	11.184	5.940	-5.919	-15.574
1711	17.10	-22.589	-25.417	-23.648	-17.879	-9.374	0.307	9.617	17.223	22.163	23.955
1721	17.20	22.686	18.991	13.910	8.606	4.034	0.685	-1.487	-2.915	-4.314	-5.376
1731	17.30	-4.582	-7.267	-6.823	-4.805	-1.157	3.730	9.122	14.142	17.953	19.872
1741	17.40	19.397	16.218	10.278	1.896	-8.099	-18.332	-27.046	-32.475	-33.366	-29.316
1751	17.50	21.180	-10.706	-0.146	8.416	13.659	15.326	14.156	11.484	8.690	6.723
1761	17.60	5.861	5.776	5.809	5.356	4.124	2.232	0.088	-1.836	-3.229	-4.054
1771	17.70	-4.505	-4.836	-5.163	-5.356	-5.051	-3.821	-1.414	2.049	6.011	9.596
1781	17.80	11.876	12.191	10.396	6.935	2.727	-1.102	-3.543	-3.969	-2.282	1.087
1791	17.90	5.277	9.170	11.583	11.481	8.209	1.712	-7.303	-17.366	-26.470	-32.530
1801	18.00	-33.966	-30.224	-22.618	-11.158	0.010	9.352	15.593	18.591	19.137	18.396
1811	18.10	17.243	15.885	13.870	10.550	5.687	-0.114	-5.436	-8.553	-8.243	-4.450
1821	18.20	1.498	7.294	10.535	9.705	4.806	-2.638	-10.211	-15.574	-17.347	-15.524
1831	18.30	-11.286	-6.349	-2.204	0.413	1.594	1.928	2.009	2.058	1.881	1.126
1841	18.40	-0.335	-2.165	-3.629	-3.959	-2.826	-0.649	1.662	2.141	0.406	-3.814
1851	18.50	-9.502	-14.859	-17.975	-17.275	-13.184	-6.019	2.516	9.974	15.568	18.500
1861	18.60	18.913	17.363	14.394	10.274	4.977	-1.566	-9.134	-16.974	-23.815	-28.144
1871	18.70	-28.668	-24.743	-18.630	-5.454	7.073	19.062	28.840	35.199	37.482	35.562
1881	18.80	29.780	26.905	10.121	-1.037	-10.846	-17.702	-20.502	-18.986	-13.885	-6.770
1891	18.90	0.375	5.739	8.220	7.716	5.080	1.742	-0.820	-1.584	-0.280	2.596
1901	19.00	6.013	8.771	9.866	8.744	5.621	0.659	-5.135	-10.200	-13.498	-14.177
1911	19.10	-11.938	-7.199	-1.054	4.987	9.432	11.275	10.316	7.202	3.146	-0.558
1921	19.20	-5.030	-4.093	-4.234	-4.265	-4.861	-6.194	-7.846	-9.030	-8.998	-7.438
1931	19.30	-4.650	-1.624	1.508	2.874	3.122	2.415	1.593	0.643	0.438	0.689
1941	19.40	1.085	1.354	1.455	1.615	2.182	3.388	5.144	7.002	8.292	8.384
1951	19.50	6.945	4.076	0.282	-3.798	-7.180	-9.536	-10.570	-10.292	-8.947	-6.931
1961	19.60	-4.754	-2.912	-1.852	-1.823	-2.769	-4.271	-5.823	-6.030	-4.881	-2.011
1971	19.70	2.185	6.831	10.850	13.278	13.689	12.246	9.688	7.039	5.243	4.820
1981	19.80	5.675	7.123	8.102	7.529	6.665	-0.600	-7.640	-15.200	-21.685	-25.571
1991	19.90	-25.808	-22.110	-15.629	-5.795	4.027	12.948	19.895	24.375	26.425	26.607

Table 7—37—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	24.747	21.753	17.578	12.321	6.199	-0.328	-6.553	-11.667	-14.991	-16.200
2011	20.10	-15.442	-13.295	-10.591	-8.165	-6.634	-6.263	-6.952	-8.314	-9.813	-10.898
2021	20.20	-11.126	-10.236	-8.195	-5.197	-1.612	2.106	5.535	8.398	10.618	12.297
2031	20.30	13.620	14.729	15.630	16.169	16.108	15.239	13.493	10.972	7.896	4.495
2041	20.40	0.917	-2.790	-6.592	-10.340	-13.666	-16.004	-16.744	-15.491	-12.304	-7.801
2051	20.50	-3.051	0.731	2.574	2.079	-0.439	-4.065	-7.589	-9.889	-10.262	-8.580
2061	20.60	-5.267	-1.112	2.973	6.176	7.945	8.053	6.591	3.914	0.555	-2.882
2071	20.70	-5.828	-7.845	-8.679	-8.271	-6.725	-4.255	-1.157	2.198	5.354	7.780
2081	20.80	8.962	8.543	6.510	3.309	-0.186	-2.887	-3.839	-2.580	0.653	4.970
2091	20.90	9.136	12.022	13.002	12.131	10.025	7.504	5.191	3.238	1.339	-1.007
2101	21.00	-4.124	-7.870	-11.589	-14.355	-15.362	-14.300	-11.510	-7.866	-4.430	-2.066
2111	21.10	-1.076	-1.360	-2.401	-3.656	-4.768	-5.648	-6.376	-7.031	-7.543	-7.677
2121	21.20	-7.144	-5.770	-3.615	-0.676	1.747	4.229	6.350	8.205	9.979	11.768
2131	21.30	13.440	14.635	14.899	13.903	11.634	8.469	5.081	2.227	0.505	0.170
2141	21.40	1.094	2.854	4.896	6.713	7.961	8.489	8.308	7.526	6.283	4.723
2151	21.50	2.980	1.178	-0.568	-2.164	-3.547	-4.692	-5.601	-6.288	-6.758	-6.986
2161	21.60	-6.921	-6.501	-5.690	-4.520	-3.129	-1.771	-0.786	-0.518	-1.205	-2.865
2171	21.70	-5.236	-7.759	-9.906	-10.969	-10.652	-8.985	-6.348	-3.327	-0.507	1.723
2181	21.80	3.257	4.225	4.858	5.325	5.642	5.686	5.308	4.457	3.245	1.913
2191	21.90	0.709	-0.245	-1.006	-1.752	-2.630	-3.606	-4.613	-4.642	-3.961	-2.339
2201	22.00	-0.155	1.888	3.028	2.775	1.146	-1.319	-3.778	-5.455	-5.978	-5.525
2211	22.10	-6.723	-4.319	-4.811	-6.193	-7.931	-9.182	-9.143	-7.362	-5.902	0.717
2221	22.20	5.719	10.326	13.946	16.250	17.132	16.651	14.975	12.386	9.291	6.232
2231	22.30	3.695	2.170	1.799	2.401	3.490	4.439	4.682	3.895	2.063	-0.574
2241	22.40	-3.647	-6.788	-9.707	-12.177	-13.988	-14.902	-14.682	-13.171	-10.401	-6.643
2251	22.50	-2.367	1.888	5.687	8.815	11.280	13.202	14.642	15.458	15.298	13.722
2261	22.60	10.434	5.501	-0.545	-6.779	-12.120	-15.637	-16.818	-15.694	-12.784	-8.896
2271	22.70	-4.878	-1.390	1.212	2.886	3.820	4.314	4.667	5.097	5.692	6.400
2281	22.80	7.065	7.365	7.090	6.022	4.124	1.562	-1.310	-4.029	-6.139	-7.308
2291	22.90	-7.392	-6.440	-4.646	-2.276	0.376	2.983	5.191	6.593	6.795	5.530
2301	23.00	2.811	-0.963	-5.016	-8.362	-10.093	-9.702	-7.307	-3.660	0.073	2.702
2311	23.10	3.432	2.143	-0.573	-3.644	-5.907	-6.533	-5.139	-2.076	2.006	6.344
2321	23.20	10.314	13.538	15.827	17.033	16.929	15.202	11.599	6.335	0.731	-4.082
2331	23.30	-14.725	-19.521	-21.731	-21.235	-18.529	-14.506	-10.116	-6.058	-2.532	0.213
2341	23.40	2.675	4.861	6.646	7.702	7.673	6.409	4.135	1.457	-0.806	-1.899
2351	23.50	-1.412	0.574	3.512	6.589	9.016	10.288	10.322	9.431	8.146	6.973
2361	23.60	6.171	5.665	4.991	3.675	1.286	-2.247	-6.546	-10.850	-14.238	-15.942
2371	23.70	-15.621	-13.501	-10.308	-7.011	-4.471	-3.136	-2.911	-3.248	-3.423	-2.869
2381	23.80	-1.410	0.694	2.916	4.746	5.940	6.613	7.112	7.766	8.603	9.272
2391	23.90	9.131	7.572	4.371	-0.090	-4.851	-8.679	-10.509	-9.850	-6.975	-2.803
2401	24.00	1.445	4.690	6.339	6.406	5.379	3.934	2.636	1.747	1.222	0.842
2411	24.10	0.400	-0.160	-0.716	-1.042	-0.948	-0.380	0.551	1.606	2.527	3.124
2421	24.20	3.339	3.235	2.959	2.668	2.477	2.414	2.413	2.326	1.958	1.133
2431	24.30	-0.243	-2.123	-4.293	-6.409	-8.084	-9.014	-9.073	-8.359	-7.147	-5.777
2441	24.40	-4.522	-3.503	-2.686	-1.954	-1.252	-0.656	-0.395	-0.747	-1.886	-3.734
2451	24.50	-5.912	-7.824	-8.843	-8.553	-6.913	-4.298	-1.373	1.141	2.722	3.226
2461	24.60	2.898	2.268	1.907	2.207	3.228	4.695	6.113	6.976	6.969	6.092
2471	24.70	4.674	3.257	2.411	2.534	3.711	5.667	7.834	9.523	10.122	9.297
2481	24.80	7.109	4.018	0.774	-1.810	-3.102	-2.877	-1.412	0.567	2.111	2.359
2491	24.90	0.850	-2.283	-6.330	-10.217	-12.874	-13.601	-12.307	-9.522	-6.175	-3.238

Table 7—37—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.380	-0.772	-1.115	-1.863	-2.519	-2.854	-2.941	-3.007	-3.183	-3.306
2511	25.10	-2.894	-1.332	1.805	6.459	11.970	17.213	20.959	22.296	20.963	17.315
2521	25.20	12.319	7.004	2.199	-1.668	-4.546	-6.572	-7.840	-8.292	-7.767	-6.193
2531	25.30	-3.782	-1.110	1.008	1.796	0.865	-1.680	-5.051	-8.223	-10.210	-10.432
2541	25.40	-8.896	-6.141	-2.996	-0.258	1.568	2.376	2.392	2.003	1.560	1.250
2551	25.50	1.074	0.911	0.620	0.132	-0.506	-1.163	-1.525	-1.586	-1.043	0.106
2561	25.60	1.787	3.813	5.904	7.738	9.009	9.686	9.058	7.746	5.693	3.159
2571	25.70	0.458	-2.026	-3.897	-4.797	-4.495	-2.987	-0.556	2.234	4.658	6.027
2581	25.80	5.910	4.292	1.586	-1.516	-4.305	-6.315	-7.482	-8.114	-8.691	-9.588
2591	25.90	-10.846	-12.101	-12.723	-12.083	-9.857	-6.210	-1.784	2.508	5.789	7.511
2601	26.00	7.608	6.469	4.750	3.113	2.005	1.548	1.564	1.708	1.663	1.185
2611	26.10	0.375	-0.537	-1.188	-1.226	-0.441	1.153	3.310	5.602	7.551	8.766
2621	26.20	9.059	8.495	7.342	5.947	4.592	3.382	2.223	0.907	-0.744	-2.732
2631	26.30	-4.823	-6.601	-7.620	-7.598	-6.551	-4.821	-2.962	-1.551	-0.986	-1.365
2641	26.40	-2.478	-3.908	-5.192	-5.959	-6.012	-5.333	-4.047	-2.368	-0.567	1.051
2651	26.50	2.166	2.494	1.870	0.330	-1.840	-4.139	-5.963	-6.787	-6.323	-4.622
2661	26.60	-2.053	0.811	3.372	5.166	5.948	5.722	4.884	3.052	1.197	-0.593
2671	26.70	-2.018	-2.816	-2.787	-1.854	-0.112	2.159	4.545	6.590	7.917	8.317
2681	26.80	7.781	6.470	4.643	2.585	0.561	-1.195	-2.478	-3.116	-3.006	-2.370
2691	26.90	-0.799	0.754	2.047	2.679	2.430	1.342	-0.298	-2.047	-3.568	-4.570
2701	27.00	-5.060	-5.187	-5.138	-5.001	-4.701	-4.042	-2.838	-1.065	1.049	3.048
2711	27.10	4.394	4.667	3.738	1.835	-0.530	-2.732	-4.244	-4.778	-4.333	-3.126
2721	27.20	-1.471	0.335	2.074	3.592	4.758	5.422	5.431	4.676	3.170	1.082
2731	27.30	-1.289	-3.598	-5.557	-7.012	-7.945	-8.401	-8.394	-7.843	-6.579	-4.445
2741	27.40	-1.433	2.219	6.019	9.335	11.590	12.459	11.980	10.530	8.680	6.987
2751	27.50	5.825	5.306	5.330	5.689	6.193	6.715	7.166	7.417	7.244	6.348
2761	27.60	4.474	1.571	-2.087	-5.898	-9.079	-10.926	-11.070	-9.625	-7.153	-4.442
2771	27.70	-2.207	-0.826	-0.269	-0.089	0.122	0.474	1.507	2.259	2.343	1.513
2781	27.80	-0.321	-2.746	-5.103	-6.727	-7.212	-6.548	-5.089	-3.346	-1.869	-0.778
2791	27.90	-0.125	0.294	0.649	0.951	1.030	0.635	-0.391	-1.966	-3.766	-5.225
2801	28.00	-5.947	-5.698	-4.599	-3.058	-1.578	-0.552	-0.102	-0.068	-0.115	0.681
2811	28.10	0.689	1.665	2.835	3.984	5.001	5.892	6.707	7.425	7.863	7.693
2821	28.20	6.566	4.312	1.093	-2.558	-5.866	-8.069	-8.687	-7.701	-5.569	-2.966
2831	28.30	-0.704	0.707	1.102	0.657	-0.250	-1.222	-1.972	-2.365	-2.361	-1.954
2841	28.40	-1.104	0.241	2.080	4.289	6.604	8.672	10.159	10.863	10.766	10.002
2851	28.50	8.762	7.182	5.282	2.995	0.266	-2.837	-6.045	-8.932	-11.034	-12.018
2861	28.60	-11.814	-10.646	-8.950	-7.209	-5.783	-4.797	-4.147	-3.591	-2.896	-1.951
2871	28.70	-0.819	0.304	1.189	1.679	1.752	1.521	1.174	0.887	0.758	0.779
2881	28.80	0.860	0.889	0.793	0.586	0.365	0.276	0.443	0.907	1.583	2.261
2891	28.90	2.672	2.574	1.865	0.667	-0.759	-1.897	-2.310	-1.705	-0.078	2.258
2901	29.00	4.252	6.783	7.863	7.788	6.689	4.960	3.090	1.481	0.318	-0.459
2911	29.10	-1.075	-1.770	-2.662	-3.672	-4.550	-4.974	-4.689	-3.614	-1.874	0.236
2921	29.20	2.352	4.144	5.388	5.995	5.984	5.451	4.526	3.354	2.094	0.911
2931	29.30	-0.036	-0.613	-0.760	-0.485	0.127	0.950	1.850	2.707	3.419	3.888
2941	29.40	3.990	3.584	2.536	0.780	-1.625	-4.461	-7.374	-9.947	-11.804	-12.695
2951	29.50	-12.543	-11.432	-9.545	-7.094	-4.282	-1.292	1.676	4.378	6.523	7.833
2961	29.60	8.125	7.402	5.881	3.950	2.053	0.569	-0.399	-0.845	-0.997	-1.090
2971	29.70	-1.261	-1.691	-1.623	-1.370	-0.930	-0.069	0.876	1.581	1.751	1.235
2981	29.80	0.071	-1.531	-3.259	-4.786	-5.822	-6.162	-5.679	-4.348	-2.268	0.304
2991	29.90	2.950	5.154	6.617	6.416	5.157	2.915	0.353	-1.884	-3.195	-3.611

Table 7—37—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-2.643	-1.291	0.160	1.329	2.060	2.410	2.540	2.574	2.499	2.164
3011	30.10	1.379	0.056	-1.482	-3.485	-4.877	-5.415	-4.858	-3.260	-0.965	1.521
3021	30.20	3.646	4.995	5.360	4.761	3.407	1.623	-0.220	-1.727	-2.786	-3.110
3031	30.30	-2.773	-1.955	-0.958	-0.128	0.240	-0.021	-0.906	-2.262	-3.855	-5.450
3041	30.40	-6.877	-8.043	-8.911	-9.445	-9.583	-9.236	-8.334	-6.887	-5.024	-2.994
3051	30.50	-1.102	0.384	1.326	1.765	1.918	2.102	2.634	3.718	5.376	7.429
3061	30.60	9.539	11.296	12.328	12.410	11.530	9.905	7.931	6.077	4.760	4.239
3071	30.70	4.547	5.515	6.837	8.179	9.271	9.946	10.125	9.771	8.834	7.243
3081	30.80	4.967	1.982	-1.462	-5.033	-8.278	-10.758	-12.178	-12.473	-11.814	-10.540
3091	30.90	-9.033	-7.617	-6.481	-5.683	-5.185	-4.904	-4.749	-4.615	-4.384	-3.919
3101	31.00	-3.105	-1.896	-0.373	1.249	2.671	3.608	3.894	3.557	2.807	1.959
3111	31.10	1.305	1.031	1.077	1.367	1.700	1.944	2.063	2.107	2.141	2.176
3121	31.20	2.121	1.816	1.092	-0.161	-1.836	-3.795	-5.744	-7.396	-8.523	-9.018
3131	31.30	-8.869	-8.150	-6.978	-5.488	-3.827	-2.136	-0.540	0.880	2.104	3.171
3141	31.40	4.156	5.111	6.019	6.773	7.202	7.140	6.516	5.404	4.047	2.775
3151	31.50	1.912	1.667	2.068	2.956	4.066	5.018	5.607	5.671	5.202	4.306
3161	31.60	3.159	1.967	0.825	-0.119	-0.877	-1.511	-2.122	-2.806	-3.601	-4.462
3171	31.70	-5.266	-5.856	-6.110	-6.008	-5.634	-5.147	-4.699	-4.345	-4.006	-3.492
3181	31.80	-2.605	-1.254	0.453	2.220	3.652	4.410	4.354	3.606	2.494	1.426
3191	31.90	0.716	0.481	0.625	0.924	1.154	1.200	1.082	0.894	0.706	0.481
3201	32.00	0.075	-0.684	-1.872	-3.376	-4.880	-5.972	-6.302	-5.742	-4.651	-2.828
3211	32.10	-1.350	-0.390	-0.084	-0.302	-0.736	-1.050	-1.021	-0.602	0.090	0.867
3221	32.20	1.572	2.134	2.578	2.971	3.368	3.773	4.139	4.399	4.494	4.385
3231	32.30	4.045	3.437	2.520	1.278	-0.232	-1.837	-3.259	-4.178	-4.339	-3.659
3241	32.40	-2.275	-0.517	1.208	2.546	3.303	3.477	3.201	2.645	1.921	1.054
3251	32.50	0.020	-1.170	-2.396	-3.619	-3.951	-3.771	-2.860	-1.368	0.347	1.838
3261	32.60	2.831	3.258	3.191	2.951	2.767	2.760	2.870	2.903	2.637	1.946
3271	32.70	0.875	-0.367	-1.674	-2.157	-2.234	-1.681	-0.624	0.720	2.097	3.281
3281	32.80	4.101	4.455	4.316	3.725	2.766	1.644	0.454	-0.657	-1.622	-2.439
3291	32.90	-3.152	-3.809	-4.421	-4.945	-5.292	-5.375	-5.160	-4.692	-4.097	-3.536
3301	33.00	-3.146	-2.991	-3.044	-3.206	-3.355	-3.399	-3.313	-3.162	-2.980	-2.929
3311	33.10	-3.058	-3.378	-3.831	-4.295	-4.609	-4.606	-4.144	-3.173	-1.743	-0.029
3321	33.20	1.705	3.164	4.100	4.390	4.060	3.276	2.276	1.290	0.473	-0.119
3331	33.30	-0.513	-0.764	-0.908	-0.937	-0.803	-0.467	0.092	0.857	1.695	2.591
3341	33.40	3.470	4.304	5.082	5.772	6.313	6.620	6.617	6.284	5.678	4.925
3351	33.50	4.177	3.555	3.106	2.797	2.550	2.290	1.983	1.642	1.299	0.960
3361	33.60	0.581	0.081	-0.614	-1.510	-2.520	-3.469	-4.166	-4.472	-4.365	-3.940
3371	33.70	-5.362	-2.797	-2.550	-2.050	-1.887	-1.857	-1.997	-2.366	-2.986	-3.767
3381	33.80	-4.494	-4.857	-4.576	-3.532	-1.856	0.086	1.816	2.926	3.244	2.901
3391	33.90	2.265	1.776	1.751	2.252	3.077	3.865	4.275	4.133	3.497	2.605
3401	34.00	1.743	1.117	0.771	0.606	0.466	0.239	-0.079	-0.395	-0.596	-0.633
3411	34.10	-0.576	-0.589	-0.852	-1.451	-2.315	-3.218	-3.856	-3.967	-3.636	-2.359
3421	34.20	-0.913	0.536	1.733	2.518	2.864	2.850	2.599	2.221	1.778	1.292
3431	34.30	0.765	0.210	-0.336	-0.820	-1.198	-1.455	-1.621	-1.756	-1.916	-2.125
3441	34.40	-2.340	-2.458	-2.332	-1.829	-0.891	0.424	1.931	3.361	4.632	4.952
3451	34.50	4.887	4.385	3.735	3.264	3.222	3.682	4.509	5.411	6.042	6.128
3461	34.60	5.564	4.438	2.985	1.495	0.207	-0.757	-1.406	-1.842	-2.200	-2.593
3471	34.70	-3.091	-3.718	-4.479	-5.368	-6.371	-7.443	-8.483	-9.329	-9.773	-9.603
3481	34.80	-8.667	-6.921	-4.670	-1.573	1.382	3.932	5.624	6.103	5.212	3.056
3491	34.90	0.017	-3.308	-6.228	-8.136	-8.664	-7.786	-5.813	-3.284	-0.795	1.178

Table 7—37—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3501	35.00	2.393	2.862	2.779	2.604	1.956	1.558	1.243	1.013	0.883	0.908
3511	35.10	1.159	1.681	2.456	3.397	4.384	5.303	6.083	6.694	7.111	7.285
3521	35.20	7.132	6.568	5.575	4.254	2.832	1.600	0.805	0.532	0.657	0.884
3531	35.30	0.870	0.375	-0.625	-1.924	-3.174	-4.039	-4.327	-4.056	-3.450	-2.753
3541	35.40	-2.184	-1.823	-1.622	-1.475	-1.308	-1.121	-0.977	-0.930	-0.951	-0.910
3551	35.50	-0.621	0.055	1.110	2.344	3.423	3.997	3.859	3.030	1.765	0.450
3561	35.60	-0.556	-1.055	-1.067	-0.793	-0.499	-0.392	-0.541	-0.873	-1.244	-1.528
3571	35.70	-1.687	-1.783	-1.927	-2.208	-2.628	-3.085	-3.417	-3.468	-3.163	-2.539
3581	35.80	-1.728	-0.897	-0.169	0.429	0.972	1.396	2.417	3.453	4.573	5.514
3591	35.90	5.952	5.615	4.389	2.387	-0.067	-2.524	-4.552	-5.868	-6.417	-6.366
3601	36.00	-6.007	-5.626	-5.382	-5.251	-5.065	-4.617	-3.781	-2.596	-1.261	-0.062
3611	36.10	0.754	1.074	0.964	0.622	0.281	0.110	0.145	0.302	0.436	0.428
3621	36.20	0.250	-0.027	-0.266	-0.528	-0.129	0.338	1.014	1.809	2.634	3.415
3631	36.30	4.087	4.586	4.861	4.790	4.402	3.696	2.740	1.637	0.475	-0.697
3641	36.40	-1.883	-3.114	-4.430	-5.728	-6.943	-7.856	-8.261	-7.902	-6.737	-4.777
3651	36.50	-2.193	0.721	3.600	6.072	7.826	8.680	8.614	7.778	6.449	4.960
3661	36.60	3.607	2.579	1.923	1.556	1.332	1.111	0.819	0.469	0.136	-0.685
3671	36.70	-0.124	0.067	0.426	1.003	1.774	2.724	3.793	4.830	5.583	5.748
3681	36.80	5.082	3.422	0.973	-1.872	-4.520	-6.353	-6.920	-6.082	-4.075	-1.447
3691	36.90	1.094	2.881	3.477	2.787	1.064	-1.179	-3.321	-4.815	-5.325	-4.802
3701	37.00	-3.471	-1.769	-0.107	1.062	1.565	1.367	0.659	-0.226	-1.021	-1.531
3711	37.10	-1.704	-1.614	-1.513	-1.254	-1.228	-1.332	-1.479	-1.538	-1.392	-0.986
3721	37.20	-0.350	0.404	1.123	1.658	1.918	1.896	1.676	1.389	1.214	1.253
3731	37.30	1.472	1.866	2.290	2.611	2.746	2.682	2.477	2.210	1.929	1.622
3741	37.40	1.212	0.606	-0.244	-1.287	-2.365	-3.256	-3.753	-3.744	-3.257	-2.447
3751	37.50	-1.528	-0.692	-0.038	0.443	0.830	1.211	1.609	1.970	2.179	2.125
3761	37.60	1.761	1.133	0.366	-0.389	-1.019	-1.484	-1.824	-2.113	-2.402	-2.717
3771	37.70	-2.985	-3.131	-3.093	-2.867	-2.522	-2.170	-1.926	-1.864	-1.990	-2.252
3781	37.80	-2.562	-2.857	-3.017	-3.079	-3.023	-2.859	-2.596	-2.238	-1.791	-1.272
3791	37.90	-0.706	-0.121	0.462	1.040	1.620	2.211	2.803	3.361	3.824	4.128
3801	38.00	4.230	4.136	3.894	3.600	3.364	3.184	3.119	3.087	2.996	2.748
3811	38.10	2.310	1.710	1.049	0.468	0.101	0.025	0.232	0.619	1.013	1.218
3821	38.20	1.067	0.473	-0.538	-1.426	-3.162	-4.282	-4.956	-5.052	-4.573	-3.658
3831	38.30	-2.539	-1.467	-0.636	-0.128	0.095	0.153	0.182	0.277	0.459	0.695
3841	38.40	0.950	1.236	1.629	2.259	3.133	4.268	5.661	6.434	6.911	6.748
3851	38.50	5.996	4.901	3.789	2.925	2.384	2.014	1.521	0.616	-0.818	-2.646
3861	38.60	-4.515	-5.998	-6.765	-6.708	-5.962	-4.809	-3.537	-2.333	-1.255	-0.502
3871	38.70	0.675	0.905	0.735	-0.246	-2.033	-4.310	-6.478	-7.869	-7.905	-6.528
3881	38.80	-4.070	-1.233	1.199	2.663	3.006	2.697	1.660	1.019	0.885	1.270
3891	38.90	1.966	2.700	3.318	3.832	4.366	5.026	5.771	6.383	6.568	6.017
3901	39.00	4.752	2.982	1.124	-0.388	-1.278	-1.539	-1.403	-1.215	-1.256	-1.620
3911	39.10	-2.191	-2.726	-2.996	-2.903	-2.526	-2.073	-1.767	-1.740	-1.969	-2.294
3921	39.20	-2.497	-2.608	-1.974	-1.292	-0.572	-0.062	0.038	-0.358	-1.179	-2.210
3931	39.30	-3.138	-3.635	-3.651	-2.499	-0.896	1.057	2.955	4.616	5.141	5.239
3941	39.40	4.708	3.855	2.950	2.079	1.521	0.591	-0.182	-0.893	-1.435	-1.559
3951	39.50	-1.090	-0.019	1.442	2.904	3.927	4.178	3.558	2.225	0.533	-1.109
3961	39.60	-2.373	-3.094	-3.283	-3.063	-2.584	-1.962	-1.264	-0.535	0.157	0.697
3971	39.70	0.936	0.742	0.065	-1.037	-2.375	-3.691	-4.726	-5.281	-5.268	-4.724
3981	39.80	-3.790	-2.673	-1.401	-0.776	-0.336	-0.321	-0.682	-1.279	-1.929	-2.446
3991	39.90	-2.695	-2.613	-2.203	-1.516	-0.602	0.482	1.487	2.940	4.119	5.056

Table 7—37—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	5.568	5.539	4.962	3.977	2.831	1.801	1.084	0.733	0.644	0.619
4011	40.10	0.474	0.124	-0.376	-0.872	-1.205	-1.307	-1.245	-1.199	-1.320	-1.707
4021	40.20	-2.251	-2.700	-2.754	-2.204	-1.051	0.471	1.957	2.981	3.240	2.658
4031	40.30	1.391	-0.266	-1.898	-3.269	-4.181	-4.563	-4.620	-3.791	-2.739	-1.361
4041	40.40	0.188	1.701	2.957	3.784	4.116	4.011	3.618	3.100	2.564	2.021
4051	40.50	1.417	0.700	-0.102	-0.849	-1.325	-1.338	-0.836	0.033	0.966	1.513
4061	40.60	1.447	0.690	-0.540	-1.820	-2.676	-2.769	-2.010	-0.588	1.119	2.683
4071	40.70	3.777	4.248	4.126	3.556	2.719	1.768	0.812	-0.067	-0.778	-1.215
4081	40.80	-1.276	-0.906	-0.137	0.503	2.018	3.009	3.729	4.127	4.239	4.156
4091	40.90	3.974	3.759	3.536	3.304	3.060	2.812	2.576	2.356	2.125	1.827
4101	41.00	1.391	0.769	-0.028	-0.922	-1.784	-2.478	-2.907	-3.050	-2.960	-2.745
4111	41.10	-2.515	-2.344	-2.243	-2.163	-2.026	-1.755	-1.318	-0.745	-0.125	0.410
4121	41.20	0.722	0.708	0.335	-0.346	-1.198	-2.037	-2.681	-3.008	-2.999	-2.748
4131	41.30	-2.434	-2.253	-2.344	-2.733	-3.312	-3.874	-4.182	-4.054	-3.426	-2.372
4141	41.40	-1.080	0.205	1.251	1.892	2.051	1.738	1.030	0.042	-1.083	-2.192
4151	41.50	-3.128	-3.746	-3.940	-3.665	-2.957	-1.924	-0.728	0.460	1.493	2.281
4161	41.60	2.701	3.037	3.062	2.920	2.686	2.357	2.051	1.802	1.647	1.592
4171	41.70	1.408	1.639	1.629	1.561	1.382	1.189	1.014	0.885	0.793	0.691
4181	41.80	0.530	0.295	0.045	-0.100	-0.002	0.432	1.179	2.081	2.874	3.279
4191	41.90	3.098	2.301	1.038	-0.404	-1.706	-2.628	-3.682	-5.170	-5.076	-5.030
4201	42.00	-3.185	-3.572	-4.094	-4.581	-4.860	-4.814	-4.418	-3.737	-2.884	-1.985
4211	42.10	-1.138	-0.401	0.212	0.710	1.110	1.424	1.669	1.775	1.787	1.688
4221	42.20	1.504	1.290	1.120	1.061	1.142	1.332	1.542	1.652	1.567	1.278
4231	42.30	0.885	0.590	0.621	1.138	2.143	3.439	4.677	5.461	5.490	4.671
4241	42.40	3.159	1.300	-0.497	-1.908	-2.794	-3.227	-3.409	-3.554	-3.766	-3.981
4251	42.50	-3.994	-3.567	-2.552	-0.987	0.889	2.704	4.076	4.748	4.661	3.967
4261	42.60	2.952	1.927	1.126	0.651	0.596	0.283	0.153	-0.079	-0.409	-0.774
4271	42.70	-1.093	-1.328	-1.509	-1.722	-2.065	-2.584	-3.228	-3.839	-4.193	-4.077
4281	42.80	-3.372	-2.116	-0.518	1.093	2.358	2.990	2.859	2.026	0.712	-0.766
4291	42.90	-2.093	-3.033	-3.473	-3.630	-3.016	-2.388	-1.696	-1.052	-0.512	-0.080
4301	43.00	0.276	0.602	0.938	1.300	1.672	2.007	2.242	2.316	2.194	1.885
4311	43.10	1.436	0.915	0.392	-0.094	-0.531	-0.928	-1.278	-1.538	-1.616	-1.396
4321	43.20	-0.794	0.192	1.440	2.713	3.718	4.199	4.022	3.229	2.028	0.723
4331	43.30	-0.393	-1.133	-1.463	-1.484	-1.370	-1.275	-1.268	-1.318	-1.333	-1.226
4341	43.40	-0.984	-0.686	-0.481	-0.517	-0.869	-1.497	-2.252	-2.926	-3.329	-3.351
4351	43.50	-2.985	-2.310	-1.441	-0.489	0.466	1.369	2.164	2.777	3.128	3.157
4361	43.60	2.874	2.375	1.824	1.359	1.208	1.237	1.344	1.318	0.977	0.265
4371	43.70	-0.698	-1.617	-2.268	-2.318	-1.728	-0.628	0.699	1.923	2.762	3.159
4381	43.80	3.091	2.729	2.258	1.830	1.529	1.375	1.346	1.410	1.536	1.694
4391	43.90	1.848	1.960	2.007	1.997	1.978	2.022	2.194	2.503	2.890	3.232
4401	44.00	3.393	3.282	2.891	2.301	1.644	1.040	0.551	0.165	-0.175	-0.517
4411	44.10	-0.863	-1.160	-1.334	-1.356	-1.272	-1.223	-1.376	-1.853	-2.658	-3.659
4421	44.20	-4.635	-5.364	-5.722	-5.729	-5.530	-5.317	-5.234	-5.308	-5.451	-5.515
4431	44.30	-5.330	-5.022	-4.525	-4.034	-3.672	-3.474	-3.588	-3.216	-2.890	-2.342
4441	44.40	-1.624	-0.855	-0.151	0.449	0.998	1.610	2.378	3.295	4.228	4.949
4451	44.50	5.232	4.960	4.187	3.134	2.109	1.392	1.137	1.330	1.828	2.433
4461	44.60	2.983	3.394	3.649	3.746	3.661	3.235	2.404	1.092	-0.628	-2.513
4471	44.70	-4.206	-5.339	-5.669	-5.169	-4.044	-2.653	-1.371	-0.456	0.031	0.215
4481	44.80	0.322	0.559	1.022	1.661	2.324	2.841	3.108	3.132	3.016	2.898
4491	44.90	2.881	2.993	3.181	3.350	3.412	3.318	3.061	2.651	2.090	1.365

Table 7—37—10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1130 503-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.467	-0.569	-1.639	-2.565	-3.146	-3.226	-2.765	-1.883	-0.742	0.323
4511	45.10	1.092	1.423	1.290	0.758	-0.063	-1.059	-2.124	-3.144	-3.970	-4.420
4521	45.20	-4.316	-3.551	-2.162	-0.366	1.479	2.967	3.773	3.760	3.018	1.819
4531	45.30	0.509	-0.617	-1.406	-1.864	-2.104	-2.261	-2.409	-2.532	-2.550	-2.378
4541	45.40	-1.995	-1.665	-0.921	-0.497	-0.268	-0.215	-0.235	-0.202	-0.029	0.231
4551	45.50	0.634	0.890	0.930	0.719	0.319	-0.128	-0.472	-0.618	-0.569	-0.424
4561	45.60	-0.327	-0.394	-0.651	-1.008	-1.280	-1.258	-0.791	0.148	1.432	2.816
4571	45.70	3.998	4.717	4.823	4.313	3.325	2.083	0.833	-0.221	-0.951	-1.315
4581	45.80	-1.343	-1.114	-0.738	-0.363	-0.069	-0.049	-0.389	-1.124	-2.191	-3.421
4591	45.90	-4.563	-5.349	-5.577	-5.174	-4.233	-2.985	-1.725	-0.714	-0.105	0.103
4601	46.00	0.037	-0.114	-0.181	-0.078	0.181	0.512	0.811	1.013	1.122	1.194
4611	46.10	1.304	1.499	1.767	2.047	2.262	2.366	2.369	2.342	2.385	2.568
4621	46.20	2.898	3.299	3.636	3.765	3.596	3.119	2.414	1.614	0.851	0.211
4631	46.30	-0.285	-0.673	-1.006	-1.315	-1.587	-1.765	-1.781	-1.592	-1.212	-0.713
4641	46.40	-0.213	0.168	0.342	0.275	-0.021	-0.483	-1.040	-1.618	-2.150	-2.568
4651	46.50	-2.807	-2.807	-2.530	-1.981	-1.221	-0.564	0.450	1.090	1.472	1.583
4661	46.60	1.476	1.249	1.004	0.815	0.715	0.693	0.713	0.740	0.752	0.746
4671	46.70	0.732	0.722	0.715	0.704	0.673	0.610	0.509	0.379	0.239	0.111
4681	46.80	0.017	-0.028	-0.016	0.047	0.143	0.243	0.308	0.302	0.201	0.002
4691	46.90	-0.265	-0.544	-0.758	-0.828	-0.692	-0.322	0.261	0.985	1.730	2.348
4701	47.00	2.690	2.645	2.170	1.319	0.235	-0.876	-1.800	-2.377	-2.544	-2.354
4711	47.10	-1.949	-1.506	-1.173	-1.020	-1.025	-1.100	-1.146	-1.099	-0.964	-0.807
4721	47.20	-0.727	-0.802	-1.056	-1.444	-1.865	-2.196	-2.324	-2.176	-1.729	-1.016
4731	47.30	-0.119	0.837	1.698	2.307	2.539	2.341	1.758	0.942	0.107	-0.525
4741	47.40	-0.804	-0.696	-0.295	0.217	0.638	0.815	0.690	0.298	-0.266	-0.887
4751	47.50	-1.465	-1.919	-2.167	-2.116	-1.670	-0.783	0.577	2.197	3.815	5.086
4761	47.60	5.707	5.522	4.587	3.160	1.615	0.310	-0.525	-0.845	-0.778	-0.530
4771	47.70	-0.503	-0.199	-0.209	-0.250	-0.230	-0.104	0.102	0.316	0.462	0.503
4781	47.80	0.457	0.377	0.312	0.279	0.254	0.192	0.063	-0.126	-0.322	-0.481
4791	47.90	-0.549	-0.546	-0.529	-0.569	-0.706	-0.916	-1.111	-1.179	-1.039	-0.681
4801	48.00	-0.187	0.306	0.659	0.791	0.708	0.490	0.249	0.070	-0.031	-0.108
4811	48.10	-0.253	-0.543	-1.001	-1.376	-2.162	-2.665	-2.937	-3.016	-2.914	-2.703
4821	48.20	-2.460	-2.242	-2.076	-1.965	-1.899	-1.863	-1.846	-1.835	-1.815	-1.769
4831	48.30	-1.690	-1.580	-1.460	-1.380	-1.302	-1.292	-1.309	-1.314	-1.262	-1.123
4841	48.40	-0.890	-0.576	-0.203	0.217	0.684	1.209	1.794	2.417	3.027	3.552
4851	48.50	3.926	4.118	4.161	4.056	3.939	3.852	3.812	3.791	3.733	3.583
4861	48.60	3.326	2.988	2.631	2.318	2.082	1.906	1.735	1.502	1.166	0.736
4871	48.70	0.265	-0.168	-0.507	-0.762	-0.921	-1.123	-1.423	-1.840	-2.324	-2.759
4881	48.80	-3.010	-3.977	-4.642	-4.891	-4.896	-4.859	-4.951	-4.952	-4.913	-4.771
4891	48.90	-4.588	-4.115	-3.686	-3.661	-2.653	-1.304	0.153	1.482	2.495	3.090
4901	49.00	3.263	3.091	2.700	2.219	1.760	1.387	1.125	0.944	0.871	0.806
4911	49.10	0.733	0.622	0.459	0.249	0.015	-0.208	-0.391	-0.550	-0.612	-0.715
4921	49.20	-0.887	-1.173	-1.570	-2.017	-2.400	-2.582	-2.453	-1.972	-1.188	-0.233
4931	49.30	0.717	1.493	1.977	2.134	2.002	1.672	1.246	0.814	0.434	0.134
4941	49.40	-0.072	-0.176	-0.168	-0.039	0.210	0.559	0.972	1.395	1.770	2.046
4951	49.50	2.185	2.169	2.002	1.708	1.352	0.934	0.575	0.311	0.170	0.150
4961	49.60	0.219	0.322	0.404	0.427	0.382	0.285	0.165	0.050	-0.052	-0.154
4971	49.70	-0.280	-0.449	-0.655	-0.863	-1.011	-1.032	-0.861	-0.557	-0.114	0.346
4981	49.80	0.707	0.867	0.779	0.460	-0.003	-0.495	-0.908	-1.183	-1.337	-1.452
4991	49.90	-1.640	-1.989	-2.516	-3.165	-3.722	-4.069	-4.049	-3.623	-2.872	-1.975

Table 7—37—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.147	-0.566	-0.319	-0.380	-0.633	-0.925	-1.124	-1.152	-1.001	-0.706
5011	50.10	-0.314	0.129	0.602	1.087	1.557	1.970	2.275	2.433	2.448	2.369
5021	50.20	2.282	2.273	2.392	2.626	2.897	3.097	3.128	2.944	2.574	2.105
5031	50.30	1.644	1.278	1.034	0.880	0.738	0.533	0.224	-0.175	-0.595	-0.946
5041	50.40	-1.153	-1.183	-1.064	-0.864	-0.671	-0.553	-0.540	-0.615	-0.727	-0.823
5051	50.50	-0.868	-0.862	-0.836	-0.836	-0.894	-1.015	-1.168	-1.296	-1.343	-1.275
5061	50.60	-1.089	-0.828	-0.547	-0.296	-0.104	0.039	0.166	0.316	0.524	0.789
5071	50.70	1.077	1.328	1.468	1.428	1.162	0.663	-0.036	-0.856	-1.676	-2.369
5081	50.80	-2.815	-2.937	-2.723	-2.234	-1.588	-0.927	-0.375	-0.001	0.188	0.243
5091	50.90	0.240	0.252	0.317	0.441	0.607	0.792	0.982	1.174	1.359	1.514
5101	51.00	1.594	1.546	1.332	0.952	0.454	-0.074	-0.539	-0.872	-1.058	-1.132
5111	51.10	-1.155	-1.186	-1.245	-1.313	-1.341	-1.283	-1.120	-0.873	-0.591	-0.323
5121	51.20	-0.097	0.094	0.284	0.506	0.772	1.061	1.328	1.525	1.632	1.662
5131	51.30	1.655	1.658	1.695	1.755	1.795	1.764	1.629	1.397	1.110	0.851
5141	51.40	0.614	0.477	0.403	0.346	0.256	0.108	-0.095	-0.320	-0.528	-0.693
5151	51.50	-0.815	-0.918	-1.034	-1.182	-1.354	-1.517	-1.623	-1.636	-1.553	-1.406
5161	51.60	-1.258	-1.173	-1.190	-1.303	-1.460	-1.582	-1.599	-1.475	-1.233	-0.941
5171	51.70	-0.684	-0.521	-0.457	-0.431	-0.336	-0.071	0.418	1.102	1.875	2.584
5181	51.80	3.088	3.312	3.264	3.035	2.746	2.506	2.365	2.309	2.276	2.200
5191	51.90	2.039	1.798	1.516	1.240	0.998	0.790	0.593	0.382	0.148	-0.099
5201	52.00	-0.336	-0.550	-0.747	-0.950	-1.174	-1.401	-1.569	-1.582	-1.556	-0.866
5211	52.10	-0.185	0.528	1.065	1.253	1.013	0.399	-0.425	-1.253	-1.917	-2.342
5221	52.20	-2.568	-2.699	-2.840	-3.030	-3.218	-3.287	-3.123	-2.682	-2.031	-1.338
5231	52.30	-0.811	-0.614	-0.800	-1.285	-1.884	-2.382	-2.617	-2.536	-2.205	-1.766
5241	52.40	-1.375	-1.141	-1.078	-1.118	-1.144	-1.049	-0.774	-0.330	0.218	0.782
5251	52.50	1.288	1.707	2.050	2.254	2.352	2.951	3.221	3.406	3.451	3.329
5261	52.60	3.056	2.690	2.315	2.006	1.805	1.711	1.680	1.656	1.589	1.461
5271	52.70	1.287	1.106	0.955	0.854	0.796	0.740	0.652	0.498	0.268	-0.026
5281	52.80	-0.364	-0.729	-1.113	-1.519	-1.943	-2.368	-2.748	-3.020	-3.120	-3.007
5291	52.90	-2.680	-2.189	-1.620	-1.075	-0.648	-0.401	-0.353	-0.482	-0.737	-1.045
5301	53.00	-1.334	-1.537	-1.606	-1.517	-1.275	-0.910	-0.472	-0.015	0.413	0.784
5311	53.10	1.088	1.331	1.520	1.655	1.729	1.732	1.668	1.556	1.436	1.356
5321	53.20	1.348	1.417	1.529	1.631	1.666	1.605	1.456	1.267	1.096	0.991
5331	53.30	0.962	0.978	0.988	0.944	0.829	0.668	0.517	0.432	0.445	0.550
5341	53.40	0.702	0.848	0.969	1.000	1.028	1.072	1.153	1.266	1.375	1.439
5351	53.50	1.444	1.416	1.408	1.487	1.672	1.909	2.073	2.001	1.564	0.720
5361	53.60	-0.442	-1.719	-2.852	-3.612	-3.968	-3.633	-3.043	-2.304	-1.614	-1.106
5371	53.70	-0.814	-0.693	-0.659	-0.634	-0.581	-0.505	-0.436	-0.398	-0.394	-0.401
5381	53.80	-0.387	-0.331	-0.236	-0.126	-0.035	0.018	0.040	0.061	0.114	0.214
5391	53.90	0.361	0.437	0.426	0.242	-0.162	-0.695	-1.340	-1.966	-2.464	-2.751
5401	54.00	-2.788	-2.586	-2.196	-1.698	-1.186	-0.744	-0.444	-0.323	-0.385	-0.594
5411	54.10	-0.888	-1.190	-1.429	-1.557	-1.554	-1.429	-1.208	-0.919	-0.589	-0.234
5421	54.20	0.126	0.468	0.761	0.974	1.083	1.088	1.015	0.907	0.813	0.768
5431	54.30	0.778	0.826	0.882	0.918	0.925	0.916	0.907	0.923	0.965	1.015
5441	54.40	1.050	1.054	1.030	1.002	1.001	1.047	1.132	1.218	1.253	1.193
5451	54.50	1.028	0.785	0.520	0.284	0.102	-0.041	-0.186	-0.371	-0.594	-0.799
5461	54.60	-0.885	-0.748	-0.533	0.324	1.096	1.791	2.231	2.299	1.995	1.421
5471	54.70	0.746	0.138	-0.299	-0.543	-0.654	-0.721	-0.824	-0.995	-1.218	-1.451
5481	54.80	-1.659	-1.835	-2.006	-2.207	-2.452	-2.719	-2.946	-3.060	-3.006	-2.784
5491	54.90	-2.444	-2.076	-1.766	-1.564	-1.469	-1.431	-1.382	-1.270	-1.082	-0.843

Table 7—37—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.605	-0.414	-0.288	-0.211	-0.139	-0.029	0.125	0.374	0.621	0.833
5511	55.10	0.965	0.995	0.927	0.789	0.636	0.441	0.286	0.160	0.064	-0.003
5521	55.20	-0.040	-0.044	-0.013	0.055	0.153	0.268	0.383	0.479	0.543	0.570
5531	55.30	0.570	0.567	0.597	0.700	0.910	1.241	1.680	2.184	2.682	3.095
5541	55.40	3.349	3.392	3.212	2.838	2.333	1.780	1.265	0.852	0.576	0.437
5551	55.50	0.404	0.432	0.480	0.519	0.540	0.548	0.554	0.564	0.573	0.568
5561	55.60	0.536	0.476	0.400	0.334	0.304	0.318	0.368	0.419	0.430	0.372
5571	55.70	0.235	0.040	-0.179	-0.384	-0.561	-0.718	-0.886	-1.087	-1.333	-1.598
5581	55.80	-1.825	-1.963	-1.897	-1.662	-1.254	-0.725	-0.144	0.426	0.936	1.358
5591	55.90	1.676	1.880	1.965	1.928	1.779	1.547	1.276	1.017	0.813	0.686
5601	56.00	0.631	0.619	0.613	0.579	0.501	0.383	0.244	0.106	-0.014	-0.112
5611	56.10	-0.197	-0.285	-0.393	-0.532	-0.700	-0.883	-1.058	-1.199	-1.284	-1.304
5621	56.20	-1.260	-1.170	-1.053	-0.930	-0.813	-0.709	-0.620	-0.568	-0.507	-0.512
5631	56.30	-0.580	-0.711	-0.889	-1.080	-1.247	-1.361	-1.421	-1.453	-1.495	-1.578
5641	56.40	-1.706	-1.853	-1.971	-2.022	-1.998	-1.932	-1.889	-1.925	-2.065	-2.272
5651	56.50	-2.460	-2.528	-2.400	-2.084	-1.575	-1.028	-0.520	-0.104	0.226	0.521
5661	56.60	0.839	1.209	1.601	1.965	2.159	2.192	2.056	1.811	1.555	1.369
5671	56.70	1.290	1.297	1.332	1.331	1.247	1.076	0.841	0.583	0.340	0.132
5681	56.80	-0.032	-0.156	-0.269	-0.328	-0.421	-0.560	-0.774	-1.060	-1.363	-1.577
5691	56.90	-1.568	-1.220	-0.495	0.532	1.677	2.698	3.367	3.550	3.249	2.592
5701	57.00	1.781	1.015	0.426	0.049	-0.161	-0.282	-0.381	-0.487	-0.589	-0.665
5711	57.10	-0.706	-0.734	-0.789	-0.898	-1.054	-1.210	-1.288	-1.224	-0.997	-0.645
5721	57.20	-0.253	0.085	0.307	0.406	0.437	0.479	0.603	0.832	1.131	1.421
5731	57.30	1.610	1.629	1.658	1.126	0.700	0.256	-0.142	-0.455	-0.671	-0.797
5741	57.40	-0.848	-0.840	-0.788	-0.706	-0.609	-0.513	-0.437	-0.392	-0.382	-0.402
5751	57.50	-0.436	-0.465	-0.473	-0.449	-0.396	-0.325	-0.255	-0.201	-0.171	-0.161
5761	57.60	-0.155	-0.135	-0.088	-0.015	0.068	0.136	0.171	0.167	0.138	0.116
5771	57.70	0.136	0.220	0.374	0.583	0.821	1.067	1.313	1.563	1.831	2.117
5781	57.80	2.405	2.658	2.826	2.871	2.778	2.564	2.274	1.966	1.689	1.470
5791	57.90	1.312	1.200	1.109	1.021	0.925	0.815	0.688	0.535	0.347	0.116
5801	58.00	-0.160	-0.473	-0.814	-1.173	-1.547	-1.936	-2.340	-2.738	-3.093	-3.346
5811	58.10	-3.437	-3.328	-3.011	-2.539	-1.997	-1.481	-1.072	-0.809	-0.674	-0.611
5821	58.20	-0.555	-0.415	-0.195	0.101	0.428	0.728	0.954	1.080	1.100	1.027
5831	58.30	0.874	0.656	0.392	0.107	-0.151	-0.323	-0.340	-0.152	0.255	0.840
5841	58.40	1.512	2.145	2.611	2.810	2.694	2.272	1.602	0.773	-0.118	-0.980
5851	58.50	-1.758	-2.333	-2.727	-2.904	-2.874	-2.681	-2.395	-2.103	-1.880	-1.776
5861	58.60	-1.786	-1.875	-1.976	-2.017	-1.960	-1.793	-1.535	-1.219	-0.826	-0.513
5871	58.70	-0.160	0.242	0.612	0.928	1.160	1.203	1.102	0.860	0.532	0.185
5881	58.80	-0.130	-0.390	-0.604	-0.795	-0.969	-1.107	-1.156	-1.057	-0.771	-0.307
5891	58.90	0.269	0.848	1.316	1.585	1.628	1.478	1.210	0.913	0.658	0.480
5901	59.00	0.381	0.339	0.329	0.333	0.344	0.363	0.386	0.408	0.420	0.418
5911	59.10	0.406	0.394	0.392	0.400	0.401	0.364	0.259	0.086	-0.205	-0.516
5921	59.20	-0.809	-1.041	-1.190	-1.276	-1.349	-1.468	-1.671	-1.950	-2.248	-2.473
5931	59.30	-2.535	-2.380	-2.016	-1.515	-0.984	-0.528	-0.207	-0.033	0.041	0.082
5941	59.40	0.166	0.245	0.353	0.419	0.405	0.313	0.196	0.142	0.236	0.520
5951	59.50	0.991	1.583	2.208	2.787	3.277	3.675	3.995	4.247	4.412	4.443
5961	59.60	4.291	3.932	3.392	2.750	2.108	1.556	1.135	0.828	0.574	0.311
5971	59.70	0.010	-0.301	-0.550	-0.655	-0.571	-0.314	0.032	0.350	0.530	0.511
5981	59.80	0.303	-0.028	-0.388	-0.696	-0.907	-1.026	-1.092	-1.159	-1.269	-1.442
5991	59.90	-1.667	-1.913	-2.135	-2.284	-2.327	-2.266	-2.053	-1.788	-1.507	-1.270

Table 7—37—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-1.115	-1.046	-1.030	-1.008	-0.924	-0.747	-0.488	-0.188	0.100	0.338
6011	60.10	0.528	0.702	0.908	1.175	1.490	1.796	2.014	2.072	1.940	1.664
6021	60.20	1.252	0.850	0.502	0.237	0.043	-0.110	-0.250	-0.378	-0.477	-0.517
6031	60.30	-0.480	-0.375	-0.227	-0.082	0.028	0.092	0.118	0.121	0.107	0.066
6041	60.40	-0.036	-0.222	-0.499	-0.840	-1.185	-1.456	-1.588	-1.552	-1.365	-1.090
6051	60.50	-0.814	-0.625	-0.584	-0.711	-0.984	-1.340	-1.701	-1.985	-2.133	-2.119
6061	60.60	-1.958	-1.694	-1.391	-1.105	-0.874	-0.705	-0.582	-0.478	-0.371	-0.250
6071	60.70	-0.115	0.037	0.222	0.471	0.823	1.297	1.872	2.481	3.015	3.362
6081	60.80	3.446	3.249	2.830	2.293	1.754	1.300	0.967	0.742	0.583	0.454
6091	60.90	0.342	0.261	0.235	0.274	0.363	0.459	0.517	0.507	0.431	0.325
6101	61.00	0.237	0.205	0.242	0.328	0.430	0.519	0.584	0.634	0.687	0.754
6111	61.10	0.828	0.891	0.929	0.944	0.960	1.007	1.099	1.217	1.305	1.299
6121	61.20	1.163	0.925	0.687	0.593	0.771	1.268	2.005	2.788	3.366	3.521
6131	61.30	3.154	2.326	1.244	0.185	-0.599	-0.969	-0.933	-0.630	-0.266	-0.033
6141	61.40	-0.049	-0.333	-0.818	-1.396	-1.960	-2.437	-2.794	-3.031	-3.160	-3.196
6151	61.50	-3.158	-3.065	-2.969	-2.846	-2.789	-2.795	-2.857	-2.947	-3.029	-3.077
6161	61.60	-3.084	-3.060	-3.030	-3.013	-3.010	-3.010	-2.995	-2.955	-2.898	-2.850
6171	61.70	-2.838	-2.871	-2.925	-2.968	-2.869	-2.637	-2.240	-1.719	-1.157	-0.650
6181	61.80	-0.266	-0.022	0.121	0.241	0.416	0.687	1.041	1.416	1.730	1.917
6191	61.90	1.958	1.886	1.771	1.687	1.679	1.750	1.864	1.969	2.029	2.039
6201	62.00	2.028	2.035	2.093	2.201	2.331	2.433	2.466	2.410	2.278	2.103
6211	62.10	1.920	1.752	1.601	1.456	1.309	1.162	1.033	0.942	0.896	0.882
6221	62.20	0.861	0.790	0.657	0.398	0.094	-0.246	-0.597	-0.960	-1.354	-1.795
6231	62.30	-2.268	-2.713	-3.028	-3.105	-2.872	-2.334	-1.582	-0.773	-0.071	0.400
6241	62.40	0.603	0.587	0.454	0.313	0.227	0.201	0.186	0.118	-0.037	-0.266
6251	62.50	-0.507	-0.679	-0.715	-0.593	-0.361	-0.024	0.287	0.541	0.724	0.847
6261	62.60	0.939	1.016	1.078	1.107	1.079	0.982	0.827	0.844	0.479	0.373
6271	62.70	0.350	0.409	0.526	0.666	0.795	0.889	0.947	0.982	1.018	1.078
6281	62.80	1.170	1.287	1.405	1.493	1.524	1.484	1.378	1.224	1.046	0.862
6291	62.90	0.683	0.508	0.338	0.178	0.046	-0.033	-0.040	0.033	0.172	0.350
6301	63.00	0.533	0.701	0.854	1.009	1.185	1.392	1.608	1.790	1.887	1.859
6311	63.10	1.700	1.446	1.160	0.908	0.734	0.649	0.624	0.613	0.573	0.479
6321	63.20	0.331	0.146	-0.058	-0.272	-0.497	-0.737	-0.988	-1.233	-1.445	-1.598
6331	63.30	-1.686	-1.730	-1.771	-1.852	-1.998	-2.200	-2.415	-2.582	-2.649	-2.592
6341	63.40	-2.432	-2.218	-2.011	-1.857	-1.770	-1.734	-1.713	-1.673	-1.601	-1.503
6351	63.50	-1.402	-1.318	-1.258	-1.207	-1.138	-1.028	-0.867	-0.668	-0.460	-0.275
6361	63.60	-0.129	-0.019	0.081	0.198	0.351	0.532	0.709	0.839	0.885	0.838
6371	63.70	0.720	0.579	0.470	0.431	0.471	0.569	0.683	0.779	0.839	0.874
6381	63.80	0.912	0.983	1.097	1.240	1.369	1.433	1.395	1.245	1.007	0.727
6391	63.90	0.456	0.227	0.051	-0.087	-0.218	-0.365	-0.536	-0.718	-0.878	-0.979
6401	64.00	-0.988	-0.896	-0.705	-0.455	-0.196	0.013	0.114	0.066	-0.142	-0.483
6411	64.10	-0.894	-1.287	-1.572	-1.683	-1.597	-1.346	-1.001	-0.651	-0.374	-0.212
6421	64.20	-0.162	-0.187	-0.231	-0.254	-0.237	-0.194	-0.156	-0.158	-0.217	-0.330
6431	64.30	-0.474	-0.615	-0.724	-0.791	-0.806	-0.781	-0.727	-0.653	-0.567	-0.474
6441	64.40	-0.380	-0.294	-0.223	-0.170	-0.133	-0.103	-0.088	-0.019	0.045	0.119
6451	64.50	0.191	0.252	0.298	0.334	0.370	0.421	0.493	0.586	0.689	0.788
6461	64.60	0.873	0.940	0.994	1.049	1.117	1.205	1.305	1.401	1.473	1.506
6471	64.70	1.498	1.465	1.433	1.427	1.462	1.531	1.608	1.652	1.629	1.521
6481	64.80	1.335	1.105	0.873	0.678	0.536	0.440	0.362	0.268	0.136	-0.037
6491	64.90	-0.233	-0.422	-0.580	-0.701	-0.798	-0.902	-1.041	-1.228	-1.448	-1.659

Table 7—37—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1130 S03-GR-1-56 HA. (HA.) KANNONZAKI MAX. ACC. = 74.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.811	-1.856	-1.774	-1.577	-1.306	-1.021	-0.775	-0.600	-0.493	-0.433
6511	65.10	-0.342	-0.206	0.009	0.292	0.603	0.883	1.077	1.152	1.107	0.975
6521	65.20	0.809	0.664	0.576	0.551	0.569	0.591	0.579	0.513	0.392	0.235
6531	65.30	0.070	-0.084	-0.221	-0.348	-0.478	-0.617	-0.755	-0.870	-0.931	-0.920
6541	65.40	-0.834	-0.694	-0.537	-0.400	-0.310	-0.269	-0.262	-0.241	-0.241	-0.191
6551	65.50	-0.116	-0.032	0.041	0.091	0.115	0.124	0.130	0.114	0.167	0.197
6561	65.60	0.228	0.256	0.275	0.296	0.319	0.346	0.375	0.403	0.428	0.450
6571	65.70	0.473	0.502	0.535	0.566	0.582	0.570	0.522	0.442	0.344	0.249
6581	65.80	0.181	0.157	0.182	0.256	0.369	0.511	0.670	0.835	0.989	1.111
6591	65.90	1.180	1.176	1.091	0.932	0.723	0.497	0.290	0.124	0.007	-0.074
6601	66.00	-0.141	-0.222	-0.334	-0.483	-0.659	-0.838	-0.993	-1.094	-1.120	-1.061
6611	66.10	-0.920	-0.717	-0.482	-0.251	-0.059	0.068	0.121	0.107	0.046	-0.060
6621	66.20	-0.132	-0.221	-0.305	-0.386	-0.463	-0.528	-0.567	-0.569	-0.528	-0.453
6631	66.30	-0.362	-0.277	-0.215	-0.177	-0.155	-0.132	-0.096	-0.044	0.015	0.064
6641	66.40	0.094	0.107	0.117	0.146	0.207	0.295	0.384	0.436	0.416	0.307
6651	66.50	0.120	-0.108	-0.333	-0.518	-0.650	-0.744	-0.831	-0.939	-1.079	-1.239
6661	66.60	-1.386	-1.482	-1.504	-1.453	-1.353	-1.244	-1.162	-1.125	-1.153	-1.165
6671	66.70	-1.196	-1.208	-1.193	-1.156	-1.108	-1.059	-1.012	-0.963	-0.907	-0.844
6681	66.80	-0.779	-0.717	-0.667	-0.629	-0.597	-0.559	-0.505	-0.431	-0.342	-0.250
6691	66.90	-0.186	-0.099	-0.050	-0.012	0.025	0.076	0.155	0.281	0.473	0.748
6701	67.00	1.116	1.561	2.038	2.423	2.772	2.849	2.656	2.207	1.527	0.895
6711	67.10	0.304	-0.080	-0.197	-0.066	0.238	0.602	0.922	1.130	1.204	1.125
6721	67.20	1.087	0.989	0.910	0.859	0.826	0.796	0.761	0.721	0.684	0.659
6731	67.30	0.647	0.646	0.651	0.658	0.667	0.682	0.705	0.735	0.763	0.780
6741	67.40	0.780	0.765	0.748	0.743	0.761	0.800	0.844	0.871	0.863	0.814
6751	67.50	0.739	0.659	0.601	0.577	0.579	0.585	0.563	0.493	0.370	0.210
6761	67.60	0.039	-0.116	-0.244	-0.349	-0.450	-0.565	-0.704	-0.862	-1.025	-1.180
6771	67.70	-1.325	-1.468	-1.627	-1.814	-2.023	-2.225	-2.374	-2.424	-2.346	-2.146
6781	67.80	-1.861	-1.552	-1.278	-1.078	-0.956	-0.889	-0.835	-0.754	-0.627	-0.459
6791	67.90	-0.273	-0.098	0.045	0.154	0.241	0.329	0.437	0.577	0.746	0.930
6801	68.00	1.109	1.260	1.362	1.396	1.353	1.250	1.062	0.819	0.600	0.426
6811	68.10	0.321	0.282	0.278	0.260	0.179	0.009	-0.242	-0.531	-0.801	-1.007
6821	68.20	-1.137	-1.218	-1.304	-1.451	-1.681	-1.972	-2.258	-2.457	-2.503	-2.378
6831	68.30	-2.118	-1.800	-1.507	-1.297	-1.179	-1.117	-1.047	-0.915	-0.694	-0.430
6841	68.40	-0.072	0.242	0.517	0.752	0.972	1.205	1.459	1.726	1.973	2.166
6851	68.50	2.280	2.324	2.326	2.318	2.335	2.385	2.463	2.554	2.650	2.755
6861	68.60	2.879	3.022	3.159	3.235	3.177	2.917	2.426	1.732	0.922	0.141
6871	68.70	-0.498	-0.902	-1.047	-0.979	-0.786	-0.570	-0.406	-0.327	-0.325	-0.365
6881	68.80	-0.416	-0.458	-0.497	-0.550	-0.632	-0.745	-0.870	-0.976	-1.031	-1.018
6891	68.90	-0.937	-0.807	-0.652	-0.496	-0.350	-0.221	-0.109	-0.016	0.047	0.087
6901	69.00	0.032	-0.059	-0.192	-0.344	-0.686	-0.595	-0.663	-0.697	-0.717	-0.747
6911	69.10	-0.801	-0.883	-0.983	-1.081	-1.161	-1.215	-1.246	-1.271	-1.312	-1.386
6921	69.20	-1.496	-1.628	-1.747	-1.808	-1.773	-1.610	-1.317	-0.923	-0.480	-0.055
6931	69.30	0.289	0.512	0.604	0.585	0.501	0.403	0.332	0.308	0.327	0.369
6941	69.40	0.411	0.438	0.452	0.464	0.488	0.530	0.580	0.613	0.600	0.520
6951	69.50	0.321	0.173	-0.039	-0.229	-0.372	-0.467	-0.530	-0.589	-0.668	-0.774
6961	69.60	-0.892	-1.015	-1.107	-1.188	-1.210	-1.261	-1.351	-1.491	-1.664	-1.829
6971	69.70	-1.927	-1.909	-1.751	-1.465	-1.100	-0.719	-0.382	-0.120	0.065	0.203
6981	69.80	0.332	0.486	0.672	0.876	1.068	1.217	1.314	1.373	1.429	1.522
6991	69.90	1.679	1.898	2.146	2.366	2.498	2.498	2.356	2.091	1.756	1.411

Table 7—37—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1130 503-GR-1-56 MA. (MA.) KANNONZAKI MAX. ACC. = 76.126 (GAL) T= 11.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	1.104	0.865	0.696	0.580	0.494	0.418	0.343	0.269	0.202	0.140
7011	70.10	0.079	0.004	-0.093	-0.212	-0.339	-0.447	-0.506	-0.497	-0.417	-0.289
7021	70.20	-0.146	-0.026	0.046	0.067	0.053	0.033	0.035	0.076	0.162	0.288
7031	70.30	0.448	0.642	0.875	1.152	1.464	1.783	2.063	2.251	2.306	2.207
7041	70.40	1.983	1.686	1.382	1.129	0.958	0.862	0.809	0.756	0.670	0.542
7051	70.50	0.385	0.228	0.094	-0.007	-0.086	-0.165	-0.269	-0.408	-0.573	-0.736
7061	70.60	-0.865	-0.932	-0.931	-0.874	-0.789	-0.707	-0.652	-0.631	-0.638	-0.657
7071	70.70	-0.671	-0.672	-0.657	-0.635	-0.616	-0.606	-0.608	-0.619	-0.633	-0.644
7081	70.80	-0.649	-0.649	-0.647	-0.643	-0.638	-0.634	-0.632	-0.637	-0.659	-0.706
7091	70.90	-0.782	-0.885	-1.004	-1.123	-1.224	-1.298	-1.345	-1.378	-1.414	-1.472
7101	71.00	-1.560	-1.674	-1.796	-1.898	-1.955	-1.948	-1.869	-1.728	-1.546	-1.350
7111	71.10	-1.167	-1.019	-0.912	-0.841	-0.787	-0.726	-0.633	-0.496	-0.318	-0.113
7121	71.20	0.091	0.271	0.413	0.517	0.596	0.669	0.748	0.831	0.909	0.970
7131	71.30	1.009	1.036	1.076	1.151	1.274	1.428	1.576	1.667	1.660	1.540
7141	71.40	1.331	1.082	0.850	0.675	0.560	0.484	0.406	0.294	0.140	-0.033
7151	71.50	-0.187	-0.287	-0.322	-0.308	-0.277	-0.261	-0.266	-0.272	-0.242	-0.161
7161	71.60	0.038	0.264	0.480	0.624						

Table 7—38—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.683	-1.129	-2.020	-2.957	-3.475	-3.320	-2.592	-1.674	-0.982	-0.676
11	0.10	-0.525	-0.030	1.248	3.333	5.676	7.308	7.299	5.250	1.590	-2.518
21	0.20	-5.658	-6.794	-5.743	-3.247	-0.580	1.082	1.232	0.222	-1.001	-1.476
31	0.30	-0.790	0.688	2.033	2.321	1.207	-0.021	-2.670	-3.237	-2.056	0.369
41	0.40	2.765	3.728	2.487	-0.621	-4.235	-6.690	-6.435	-3.601	0.778	4.810
51	0.50	6.712	5.639	2.066	-2.462	-6.057	-7.332	-5.972	-2.761	0.876	3.567
61	0.60	4.567	3.961	2.455	0.925	-0.011	-0.191	0.167	0.714	1.200	1.547
71	0.70	1.757	1.766	1.378	0.362	-1.331	-3.382	-5.114	-5.741	-4.759	-2.291
81	0.80	0.846	3.428	4.366	3.237	0.552	-2.431	-4.266	-4.002	-1.665	1.717
91	0.90	4.569	5.502	3.974	0.566	-3.259	-5.816	-5.957	-3.587	0.286	4.000
101	1.00	5.966	5.363	2.388	-1.673	-5.173	-6.682	-5.572	-2.229	2.139	5.995
111	1.10	8.063	7.777	5.437	2.025	-1.212	-3.250	-3.644	-2.643	-1.006	0.366
121	1.20	0.848	0.340	-0.618	-1.308	-1.040	0.359	2.620	4.184	4.633	3.198
131	1.30	0.112	-3.594	-6.466	-7.250	-5.573	-1.132	2.599	5.261	6.549	4.760
141	1.40	1.305	-2.194	-4.368	-3.726	-1.234	2.033	4.410	4.660	2.474	-1.209
151	1.50	-4.805	-6.719	-6.070	-3.174	0.797	4.184	5.686	4.902	2.463	-0.295
161	1.60	-1.979	-1.778	0.186	2.938	5.105	5.542	3.831	0.459	-3.399	-6.377
171	1.70	-7.466	-6.400	-3.723	-0.544	1.922	2.808	1.893	-0.371	-3.073	-5.207
181	1.80	-6.032	-5.300	-3.280	-0.604	1.991	3.910	4.850	4.823	4.056	2.860
191	1.90	1.508	0.188	-0.973	-1.866	-2.369	-2.369	-1.828	-0.844	0.333	1.366
201	2.00	1.960	1.986	1.546	0.923	0.446	0.318	0.514	0.789	0.824	0.418
211	2.10	-0.371	-1.209	-1.638	-1.300	-0.153	1.667	2.957	3.701	3.366	1.960
221	2.20	0.001	-1.885	-3.147	-3.541	-3.181	-2.420	-1.629	-1.010	-0.525	0.006
231	2.30	0.731	1.614	2.400	2.732	2.355	1.282	-0.156	-1.436	-2.069	-1.825
241	2.40	-0.829	0.509	1.694	2.374	2.466	2.142	1.684	1.306	1.056	0.827
251	2.50	0.490	0.024	-0.426	-0.619	-0.376	0.271	1.036	1.501	1.332	0.493
261	2.60	-0.691	-1.666	-1.922	-1.285	-0.052	1.122	1.536	0.816	-0.868	-2.748
271	2.70	-3.984	-3.909	-2.488	-0.359	1.442	1.984	0.925	-1.278	-3.539	-4.654
281	2.80	-3.882	-1.345	1.981	4.689	5.579	4.224	1.174	-2.286	-4.721	-5.185
291	2.90	-3.626	-0.851	1.898	3.549	3.685	2.673	1.387	0.697	0.981	1.927
301	3.00	2.719	2.505	0.906	-1.722	-4.403	-5.985	-5.710	-3.602	-0.489	2.356
311	3.10	3.791	3.324	1.310	-1.237	-3.131	-3.556	-2.409	-0.293	1.816	3.041
321	3.20	2.994	1.898	0.419	-0.696	-0.966	-0.565	0.735	1.794	2.377	2.330
331	3.30	1.784	1.026	0.323	-0.194	-0.529	-0.740	-0.840	-0.766	-0.422	0.194
341	3.40	0.935	1.518	1.658	1.234	0.404	-0.425	-0.772	-0.360	0.710	1.925
351	3.50	2.566	2.033	0.199	-2.466	-5.016	-6.407	-5.951	-3.662	-0.302	2.900
361	3.60	4.747	4.529	2.557	-0.409	-3.051	-4.292	-3.697	-1.638	0.899	2.777
371	3.70	3.210	2.094	0.010	-2.075	-3.270	-3.149	-1.900	-0.183	1.228	1.814
381	3.80	1.522	0.718	-0.074	-0.486	-0.502	-0.433	-0.691	-1.483	-2.633	-3.606
391	3.90	-3.776	-2.769	-0.720	1.722	3.649	4.306	3.450	1.473	-0.766	-2.361
401	4.00	-2.674	-1.776	-0.197	1.280	2.028	1.860	1.067	0.203	-0.236	-0.077
411	4.10	0.474	1.002	1.158	0.883	0.445	0.261	0.616	1.437	2.274	2.503
421	4.20	1.672	-0.207	-2.576	-4.523	-5.167	-4.069	-1.461	1.806	4.582	5.865
431	4.30	5.185	2.775	-0.542	-3.662	-5.598	-5.807	-4.345	-1.817	0.839	2.664
441	4.40	2.984	1.644	-0.924	-3.804	-5.881	-6.229	-4.469	-0.972	5.210	6.688
451	4.50	8.252	7.357	4.362	0.612	-3.015	-4.715	-4.241	-2.053	0.733	2.874
461	4.60	3.557	2.719	0.987	-0.707	-1.620	-1.553	-0.875	-0.236	-0.149	-0.656
471	4.70	-1.320	-1.488	-0.717	0.916	2.794	4.053	4.051	2.735	0.697	-1.108
481	4.80	-1.869	-1.355	-0.037	1.161	1.381	0.322	-1.561	-3.278	-3.830	-2.769
491	4.90	-0.480	1.979	3.412	3.125	1.321	-0.965	-2.371	-1.921	0.440	3.762

Table 7—38—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	6.517	7.331	5.662	2.082	-1.982	-4.920	-5.678	-4.226	-1.509	1.054
511	5.10	2.279	1.761	0.004	-1.904	-2.881	-2.399	-0.702	1.373	2.868	3.195
521	5.20	2.394	1.044	-0.104	-0.548	-0.282	0.256	0.479	0.026	-1.024	-2.188
531	5.30	-2.865	-2.676	-1.684	-0.357	0.690	1.044	0.716	0.130	-0.133	0.323
541	5.40	1.464	2.811	3.678	3.519	2.223	0.187	-1.867	-3.221	-3.475	-2.700
551	5.50	-1.347	-0.013	0.832	1.007	0.611	-0.112	-0.930	-1.708	-2.385	-2.888
561	5.60	-3.068	-2.734	-1.777	-0.311	1.279	2.438	2.675	1.814	0.129	-1.733
571	5.70	-3.021	-3.210	-2.242	-0.537	1.227	2.435	2.807	2.462	1.762	1.041
581	5.80	0.384	-0.398	-1.571	-3.191	-4.897	-5.957	-5.583	-3.381	0.307	4.373
591	5.90	7.313	7.836	5.473	0.865	-4.421	-8.492	-9.893	-8.187	-4.112	0.773
601	6.00	4.760	6.686	6.339	4.421	2.119	0.520	0.143	0.795	1.775	2.298
611	6.10	1.904	0.661	-0.905	-2.105	-2.417	-1.722	-0.316	1.264	2.474	2.991
621	6.20	2.785	2.066	1.154	0.346	-0.159	-0.265	0.043	0.722	1.652	2.615
631	6.30	3.299	3.360	2.546	0.837	-1.478	-3.834	-5.552	-6.082	-5.218	-3.203
641	6.40	-0.663	1.619	2.990	3.172	2.364	1.044	-0.083	-0.571	-0.339	0.292
651	6.50	0.763	0.556	-0.513	-2.181	-3.784	-4.531	-3.850	-1.673	1.667	4.599
661	6.60	6.664	6.924	5.262	2.229	-1.164	-3.851	-5.116	-4.840	-3.486	-1.834
671	6.70	-0.597	-0.107	-0.208	-0.411	-0.212	0.576	1.676	2.449	2.224	0.686
681	6.80	-1.872	-4.586	-6.362	-6.259	-4.113	-0.503	3.334	5.999	6.473	4.533
691	6.90	0.828	-3.375	-6.676	-8.041	-7.126	-4.311	-0.490	3.276	6.084	7.385
701	7.00	7.044	5.280	2.586	-0.365	-2.821	-4.088	-3.733	-1.780	1.182	4.098
711	7.10	5.770	5.329	2.657	-1.443	-5.471	-7.798	-7.368	-4.207	0.501	4.861
721	7.20	7.062	6.179	2.599	-2.124	-5.945	-7.240	-5.519	-1.622	2.681	5.516
731	7.30	5.743	3.422	-0.281	-3.695	-5.431	-4.976	-2.822	-0.142	1.898	2.657
741	7.40	2.281	1.512	1.200	1.805	3.145	4.516	5.096	4.415	2.629	0.467
751	7.50	-1.123	-1.430	-0.323	1.695	3.727	4.882	4.642	3.029	0.527	-2.186
761	7.60	-4.512	-6.148	-7.072	-7.437	-7.397	-6.995	-6.168	-4.835	-3.030	-0.976
771	7.70	0.940	2.277	2.713	2.178	0.916	-0.565	-1.648	-1.802	-0.778	1.292
781	7.80	3.908	6.355	7.942	8.246	7.267	5.421	3.363	1.707	0.768	0.443
791	7.90	0.301	-0.157	-1.196	-2.652	-3.958	-4.402	-3.497	-1.275	1.639	4.233
801	8.00	5.512	4.910	2.527	-0.919	-4.383	-6.889	-7.841	-7.145	-5.109	-2.249
811	8.10	0.894	3.839	6.142	7.383	7.213	5.512	2.588	-0.812	-3.609	-4.796
821	8.20	-3.884	-1.191	2.198	4.847	5.590	4.077	0.956	-2.423	-4.644	-4.914
831	8.30	-3.444	-1.328	0.030	-0.356	-2.518	-5.512	-7.859	-8.282	-6.321	-2.549
841	8.40	1.730	5.109	6.703	6.462	5.036	3.312	1.916	0.954	0.133	-0.868
851	8.50	-2.013	-2.808	-2.554	-0.867	1.997	4.868	6.261	6.948	6.867	-5.011
861	8.60	-10.608	-13.764	-13.147	-8.885	-2.559	3.452	6.975	6.940	3.761	-0.944
871	8.70	-5.152	-7.216	-6.660	-4.034	-0.573	2.480	4.410	5.197	5.293	5.188
881	8.80	5.047	4.623	3.479	1.383	-1.396	-4.062	-5.587	-5.197	-2.791	0.919
891	8.90	4.643	7.019	7.171	5.072	1.543	-2.082	-4.495	-4.903	-3.288	-0.358
901	9.00	2.774	5.018	5.680	4.650	2.366	-0.388	-2.780	-4.190	-4.377	-3.513
911	9.10	-2.085	-0.705	0.112	0.139	-0.464	-1.203	-1.438	-0.658	1.256	3.897
921	9.20	6.415	7.804	7.312	4.799	0.890	-3.185	-6.027	-6.605	-4.695	-0.997
931	9.30	5.121	6.173	7.152	5.930	3.261	0.405	-1.477	-1.867	-1.010	0.093
941	9.40	0.406	-0.661	-2.894	-5.344	-6.791	-6.385	-4.015	-0.577	2.598	4.289
951	9.50	3.993	2.169	-0.310	-1.569	-1.576	-0.397	0.940	1.222	-0.230	-3.096
961	9.60	-6.116	-7.672	-6.627	-2.989	1.955	6.146	7.627	5.711	0.926	-4.742
971	9.70	-8.949	-9.993	-7.562	-2.837	2.100	5.245	5.564	3.383	0.101	-2.557
981	9.80	-3.426	-2.573	-0.258	1.640	2.348	1.715	0.437	-0.387	0.095	1.981
991	9.90	4.542	6.597	7.145	5.896	3.423	0.862	-0.673	-0.662	0.588	2.142

Table 7—38—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1001	10.00	2.956	2.445	0.788	-1.181	-2.434	-2.310	-0.882	1.057	2.385	2.217
1011	10.10	0.351	-2.605	-5.504	-7.169	-6.903	-4.768	-1.511	1.784	4.157	5.114
1021	10.20	4.733	3.524	2.135	1.080	0.581	0.573	0.821	1.056	1.065	0.720
1031	10.30	-0.043	-1.224	-2.734	-4.353	-5.719	-6.407	-6.069	-4.618	-2.339	0.143
1041	10.40	2.045	2.733	1.996	0.185	-1.879	-3.206	-3.035	-1.176	1.874	5.079
1051	10.50	7.254	7.524	5.679	2.274	-1.571	-4.595	-5.864	-5.107	-2.767	0.219
1061	10.60	2.629	4.360	4.658	4.084	3.245	2.648	2.426	2.302	1.785	0.507
1071	10.70	-1.486	-3.642	-5.095	-5.053	-3.220	-0.033	3.419	5.779	5.967	3.639
1081	10.80	-0.637	-5.576	-9.565	-11.718	-11.334	-8.863	-5.379	-2.019	0.362	1.471
1091	10.90	1.566	1.205	0.937	1.055	1.561	2.183	2.771	3.247	3.724	4.382
1101	11.00	5.302	6.355	7.201	7.419	6.687	4.923	2.319	-0.740	-3.830	-6.613
1111	11.10	-8.890	-10.574	-11.607	-11.913	-11.410	-10.086	-8.073	-5.670	-3.257	-1.156
1121	11.20	0.517	1.890	3.243	4.816	6.600	8.262	9.245	9.027	7.434	4.826
1131	11.30	2.048	0.136	-0.115	1.473	4.326	7.306	9.143	8.951	6.579	2.667
1141	11.40	-1.632	-5.101	-6.914	-6.861	-5.315	-2.963	-0.489	1.643	3.206	4.079
1151	11.50	4.089	2.961	0.450	-3.408	-8.081	-12.528	-15.460	-15.804	-13.178	-8.139
1161	11.60	-2.069	3.409	6.878	7.845	6.797	4.935	3.579	3.550	4.822	6.603
1171	11.70	7.802	7.638	6.080	3.900	2.298	2.290	4.152	7.203	10.041	11.112
1181	11.80	9.376	4.735	-1.917	-9.063	-15.119	-18.944	-20.092	-18.750	-15.475	-10.906
1191	11.90	-5.619	-0.159	4.846	8.620	10.374	9.591	6.357	1.516	-3.479	-7.028
1201	12.00	-7.973	-6.062	-2.058	2.587	6.339	8.204	8.082	6.674	5.030	3.961
1211	12.10	3.628	3.518	2.799	0.879	-2.161	-5.488	-7.851	-8.177	-6.105	-2.212
1221	12.20	2.230	5.814	7.617	7.556	6.310	4.863	3.915	3.495	2.978	1.515
1231	12.30	-1.370	-5.335	-9.201	-11.407	-10.737	-6.965	-1.078	5.055	9.437	10.778
1241	12.40	9.008	5.244	1.224	-1.505	-2.253	-1.393	-0.041	0.612	-0.052	-1.774
1251	12.50	-3.604	-4.455	-3.728	-1.660	0.785	2.422	2.468	0.963	-1.263	-3.041
1261	12.60	-3.508	-2.599	-1.099	-0.235	-0.983	-3.468	-6.773	-9.281	-9.418	-6.432
1271	12.70	-0.837	5.710	11.066	13.469	12.277	8.166	2.794	-1.951	-4.724	-5.194
1281	12.80	-4.001	-2.287	-1.056	-0.697	-0.880	-0.857	0.039	1.961	4.424	6.527
1291	12.90	7.415	6.703	4.669	2.098	-0.121	-1.430	-1.850	-1.915	-2.342	-3.624
1301	13.00	-5.749	-8.206	-10.252	-11.301	-11.211	-10.330	-9.272	-8.566	-8.239	-7.932
1311	13.10	-6.883	-4.404	-0.232	5.285	11.276	16.652	20.483	22.259	21.940	19.800
1321	13.20	16.201	11.429	5.700	-0.689	-7.188	-12.931	-16.888	-18.190	-16.491	-12.186
1331	13.30	-6.358	-0.444	4.236	6.899	7.475	6.498	4.770	2.988	1.497	0.277
1341	13.40	-0.882	-2.140	-3.458	-4.618	-5.386	-5.698	-5.740	-5.855	-6.310	-7.076
1351	13.50	-7.756	-7.725	-6.444	-3.783	-0.169	3.532	6.369	7.730	7.620	6.636
1361	13.60	5.659	5.392	5.986	6.959	7.445	6.658	4.353	1.025	-2.239	-4.210
1371	13.70	-4.052	-1.692	2.141	6.218	9.296	10.572	9.896	7.693	4.663	1.446
1381	13.80	-1.590	-4.344	-6.816	-8.905	-10.308	-10.604	-9.470	-6.903	-3.341	0.431
1391	13.90	3.532	5.291	5.471	4.303	2.341	0.198	-1.685	-3.150	-4.279	-5.241
1401	14.00	-6.123	-6.866	-7.195	-6.940	-5.979	-4.416	-2.539	-0.706	0.795	1.850
1411	14.10	2.535	3.044	3.563	4.165	4.762	5.137	5.046	4.525	2.987	1.239
1421	14.20	-0.583	-2.103	-3.029	-3.234	-2.779	-1.873	-0.782	0.271	1.175	1.937
1431	14.30	2.642	3.367	4.001	4.418	4.330	3.499	1.862	-0.379	-2.772	-4.738
1441	14.40	-5.780	-5.668	-4.549	-2.895	-1.320	-0.333	-0.137	-0.562	-1.173	-1.497
1451	14.50	-1.266	-0.564	0.215	0.564	0.150	-0.971	-2.303	-3.084	-2.604	-0.545
1461	14.60	2.824	6.692	9.996	11.823	11.771	10.100	7.596	5.225	3.708	3.227
1471	14.70	3.383	3.431	2.657	0.800	-1.892	-4.680	-6.740	-7.555	-7.191	-6.270
1481	14.80	-5.681	-6.128	-7.757	-10.024	-11.905	-12.336	-10.694	-7.099	-2.387	2.234
1491	14.90	5.669	7.364	7.461	6.645	5.762	5.414	5.722	6.353	6.773	6.570

Table 7—38—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
1501	15.00	5.670	4.331	2.947	1.783	0.808	-0.266	-1.756	-3.725	-5.819	-7.337
1511	15.10	-7.537	-6.027	-3.040	0.573	3.656	5.227	4.937	3.217	1.088	-0.317
1521	15.20	-0.292	1.099	3.049	4.380	4.111	1.934	-1.614	-5.362	-7.994	-8.596
1531	15.30	-7.020	-3.897	-0.335	2.564	4.128	4.319	3.640	2.824	2.469	2.786
1541	15.40	3.555	4.288	4.483	3.866	2.487	0.683	-1.093	-2.453	-3.197	-3.368
1551	15.50	-3.090	-2.666	-2.284	-2.077	-2.089	-2.300	-2.655	-3.073	-3.459	-3.702
1561	15.60	-3.697	-3.373	-2.720	-1.799	-0.735	0.327	1.263	2.093	2.561	2.915
1571	15.70	3.172	3.334	3.390	3.305	3.047	2.617	2.055	1.424	0.782	0.145
1581	15.80	-0.514	-1.241	-2.055	-2.885	-3.558	-3.822	-3.435	-2.277	-0.444	1.728
1591	15.90	3.733	5.052	5.361	4.575	3.084	1.450	0.288	0.006	0.622	1.736
1601	16.00	2.669	2.732	1.504	-0.968	-4.159	-7.234	-9.361	-9.911	-8.851	-6.549
1611	16.10	-3.708	-1.071	0.837	1.863	2.214	2.297	2.501	3.006	3.717	4.331
1621	16.20	4.509	4.063	3.073	1.875	0.915	0.550	0.872	1.643	2.390	2.611
1631	16.30	2.004	0.625	-1.118	-2.637	-3.430	-3.324	-2.574	-1.756	-1.496	-2.152
1641	16.40	-3.597	-5.220	-6.168	-5.725	-3.661	-0.395	3.137	5.839	6.907	6.151
1651	16.50	4.053	1.525	-0.513	-1.539	-1.632	-1.365	-1.470	-2.426	-4.184	-6.174
1661	16.60	-7.572	-7.701	-6.363	-3.934	-1.174	1.132	2.533	3.086	3.256	3.620
1671	16.70	4.516	5.865	7.104	7.651	7.043	5.274	2.798	0.312	-1.569	-2.498
1681	16.80	-2.663	-2.455	-2.291	-2.350	-2.482	-2.324	-1.550	-0.111	1.470	3.206
1691	16.90	3.918	3.515	2.148	0.367	-1.218	-2.045	-2.006	-1.372	-0.635	-0.237
1701	17.00	-0.346	-0.797	-1.208	-1.220	-0.713	0.119	0.858	1.084	0.599	-0.461
1711	17.10	-1.687	-2.594	-2.856	-2.455	-1.668	-0.904	-0.492	-0.510	-0.763	-0.914
1721	17.20	-0.687	-0.045	0.765	1.323	1.249	0.431	-0.983	-2.453	-3.455	-3.626
1731	17.30	-2.935	-1.692	-0.385	0.554	0.939	0.893	0.740	0.800	1.187	1.723
1741	17.40	2.027	1.732	0.711	-0.783	-2.182	-2.836	-2.318	-0.659	1.616	3.671
1751	17.50	4.713	4.332	2.694	0.479	-1.407	-2.216	-1.676	-0.090	1.819	3.236
1761	17.60	3.604	2.838	1.308	-0.374	-1.648	-2.232	-2.182	-1.767	-1.255	-0.729
1771	17.70	-0.056	1.025	2.834	4.667	6.635	8.025	8.351	7.687	5.752	3.692
1781	17.80	2.023	1.150	1.114	1.604	2.164	2.450	2.391	2.169	2.045	2.114
1791	17.90	2.165	1.722	0.281	-2.382	-5.992	-9.786	-12.770	-14.111	-13.494	-11.251
1801	18.00	-8.205	-5.296	-3.159	-1.884	-1.042	0.012	1.744	4.137	6.658	8.496
1811	18.10	8.967	7.866	5.599	3.013	1.013	0.161	0.443	1.318	2.024	1.961
1821	18.20	0.987	-0.536	-1.951	-2.661	-2.326	-1.180	0.290	1.513	2.118	2.076
1831	18.30	1.633	1.112	0.699	0.333	-0.233	-1.240	-2.723	-4.414	-5.822	-6.440
1841	18.40	-5.992	-4.575	-2.636	-0.782	0.476	0.922	0.692	0.175	-0.185	-0.074
1851	18.50	0.591	1.682	2.950	4.131	4.997	5.350	5.006	3.793	1.626	-1.390
1861	18.60	-4.880	-8.222	-10.696	-11.718	-11.067	-8.994	-6.139	-3.292	-1.092	0.210
1871	18.70	0.792	1.113	1.644	2.610	3.872	5.012	5.558	5.251	4.201	2.856
1881	18.80	1.800	1.477	1.971	2.950	3.810	3.936	2.972	0.980	-1.574	-4.001
1891	18.90	-5.639	-6.077	-5.266	-3.491	-1.242	0.959	2.700	3.755	4.088	3.807
1901	19.00	3.093	2.148	1.143	0.196	-0.660	-1.372	-2.044	-2.693	-3.312	-3.812
1911	19.10	-6.035	-3.793	-2.944	-1.565	0.506	2.684	4.709	6.247	7.082	7.171
1921	19.20	6.639	5.715	4.650	3.641	2.788	2.102	1.537	1.039	0.576	0.153
1931	19.30	-0.211	-0.512	-0.781	-1.104	-1.594	-2.363	-3.468	-4.870	-6.406	-7.806
1941	19.40	-8.741	-8.907	-8.125	-6.614	-4.027	-1.407	0.917	2.479	3.018	2.558
1951	19.50	1.422	0.104	-0.878	-1.164	-0.662	0.333	1.728	2.783	3.271	3.082
1961	19.60	2.327	1.266	0.184	-0.722	-1.386	-1.851	-2.188	-2.408	-2.428	-2.093
1971	19.70	-1.266	0.072	1.763	3.492	4.874	5.597	5.530	4.770	3.593	2.332
1981	19.80	1.244	0.410	-0.270	-1.001	-1.968	-3.216	-4.597	-5.797	-6.442	-6.236
1991	19.90	-5.074	-3.092	-0.639	1.820	3.833	5.076	5.423	4.973	3.986	2.804

Table 7—38—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1131 S03-GR-1-S6 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	1.738	0.980	0.555	0.335	0.104	-0.335	-1.060	-1.981	-2.849	-3.352
2011	20.10	-3.231	-2.394	-0.959	0.787	2.499	3.900	4.871	5.456	5.787	5.970
2021	20.20	5.996	5.731	4.986	3.666	1.782	-0.322	-2.248	-3.598	-4.159	-3.998
2031	20.30	-3.430	-2.889	-2.489	-2.959	-3.515	-3.988	-3.994	-3.317	-2.018	-0.419
2041	20.40	1.015	1.865	1.903	1.171	-0.062	-1.406	-2.499	-3.111	-3.195	-2.867
2051	20.50	-2.335	-1.819	-1.475	-1.368	-1.363	-1.349	-1.092	-0.614	0.756	2.326
2061	20.60	4.045	5.564	6.548	6.794	6.311	5.325	4.186	3.227	2.626	2.337
2071	20.70	2.128	1.703	0.860	-0.393	-1.832	-3.106	-3.900	-4.076	-3.730	-3.133
2081	20.80	-2.586	-2.267	-2.141	-1.990	-1.545	-0.652	0.606	1.909	2.823	2.993
2091	20.90	2.323	1.042	-0.364	-1.334	-1.459	-0.639	0.889	2.668	4.115	4.902
2101	21.00	4.862	4.087	2.805	1.259	-0.388	-2.060	-3.715	-5.265	-6.527	-7.259
2111	21.10	-7.248	-6.432	-4.967	-3.212	-1.614	-0.547	-0.172	-0.388	-0.089	-1.309
2121	21.20	-1.367	-1.066	-0.499	0.058	0.381	0.400	0.226	0.080	0.169	0.567
2131	21.30	1.170	1.745	2.056	1.991	1.623	1.187	0.955	1.097	1.588	2.204
2141	21.40	2.626	2.586	1.997	0.990	-0.148	-1.102	-1.671	-1.837	-1.745	-1.598
2151	21.50	-1.536	-1.555	-1.511	-1.212	-0.538	0.466	1.573	2.448	2.781	2.410
2161	21.60	1.388	-0.041	-1.537	-2.776	-3.568	-3.784	-3.532	-2.895	-1.980	-0.889
2171	21.70	0.315	1.488	2.486	3.142	3.320	3.015	2.301	1.396	0.556	-0.007
2181	21.80	-0.194	-0.046	0.286	0.606	0.759	0.674	0.374	-0.056	-0.526	-0.982
2191	21.90	-1.422	-1.877	-2.373	-2.897	-3.381	-3.716	-3.778	-3.474	-2.761	-1.665
2201	22.00	-0.277	1.263	2.775	4.065	4.965	5.271	4.984	4.140	2.926	1.630
2211	22.10	0.579	0.041	0.143	0.817	1.807	2.744	3.255	3.086	2.175	0.692
2221	22.20	-1.029	-2.585	-3.615	-3.900	-3.610	-2.998	-0.848	0.602	1.739	2.137
2231	22.30	2.297	1.650	0.539	-0.822	-2.201	-3.403	-4.302	-4.862	-5.117	-5.134
2241	22.40	-4.967	-4.628	-4.080	-3.269	-2.174	-0.853	0.568	1.815	2.736	3.176
2251	22.50	3.137	2.758	2.273	1.925	1.875	2.152	2.653	3.196	3.601	3.758
2261	22.60	3.661	3.380	3.017	2.635	2.236	1.764	1.155	0.394	-0.452	-1.235
2271	22.70	-1.772	-1.919	-1.627	-0.966	-0.105	0.745	1.407	1.787	1.896	1.821
2281	22.80	1.681	1.573	1.536	1.543	1.530	1.423	1.183	0.823	0.405	0.020
2291	22.90	-0.248	-0.357	-0.335	-0.276	-0.326	-0.635	-1.300	-2.316	-3.550	-4.759
2301	23.00	-5.648	-5.957	-5.553	-4.481	-2.966	-1.368	0.021	0.888	1.167	0.956
2311	23.10	0.474	-0.030	-0.365	-0.455	-0.330	-0.078	0.221	0.533	0.874	1.265
2321	23.20	1.688	2.056	2.233	2.094	1.596	0.819	-0.048	-0.780	-1.211	-1.517
2331	23.30	-1.223	-1.147	-1.292	-1.739	-2.400	-3.053	-3.644	-3.907	-2.948	-2.233
2341	23.40	-1.512	-0.984	-0.699	-0.529	-0.233	0.417	1.515	2.952	4.450	5.672
2351	23.50	6.361	6.435	6.007	5.310	4.582	3.954	3.410	2.820	2.037	0.993
2361	23.60	-0.239	-1.463	-2.434	-2.961	-2.978	-2.560	-1.887	-1.164	-0.553	-0.137
2371	23.70	0.079	0.122	0.021	-0.218	-0.596	-1.105	-1.698	-2.293	-2.799	-3.145
2381	23.80	-3.316	-3.348	-3.313	-3.270	-3.244	-3.210	-3.113	-2.909	-2.591	-2.201
2391	23.90	-1.816	-1.505	-1.301	-1.174	-1.056	-0.866	-0.560	-0.150	0.300	0.703
2401	24.00	0.995	1.169	1.276	1.406	1.640	2.009	2.471	2.928	3.260	3.381
2411	24.10	3.267	2.975	2.612	2.291	2.091	2.025	2.043	2.066	2.022	1.882
2421	24.20	1.673	1.463	1.324	1.299	1.371	1.469	1.485	1.320	0.917	0.292
2431	24.30	-0.467	-1.213	-1.783	-2.034	-1.899	-1.565	-0.569	0.303	1.019	1.356
2441	24.40	1.168	0.431	-0.238	-1.100	-3.350	-4.199	-4.449	-4.054	-3.124	-1.893
2451	24.50	-0.651	0.343	0.925	1.055	0.822	0.396	-0.019	-0.246	-0.179	0.193
2461	24.60	0.783	1.427	1.924	2.094	1.830	1.134	0.131	-0.963	-1.900	-2.480
2471	24.70	-2.605	-2.309	-1.730	-1.055	-0.450	-0.006	0.269	0.426	0.525	0.600
2481	24.80	0.643	0.633	0.568	0.493	0.489	0.626	0.911	1.246	1.443	1.293
2491	24.90	0.664	-0.415	-1.733	-2.952	-3.730	-3.852	-3.318	-2.345	-1.276	-0.446

Table 7—38—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1131 S03-GR-1-S6 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.046	-0.069	-0.359	-0.609	-0.688	-0.514	-0.167	0.203	0.475	0.627
2511	25.10	0.754	1.004	1.485	2.182	2.942	3.527	3.730	3.475	2.873	2.181
2521	25.20	1.697	1.624	1.984	2.599	3.176	3.432	3.217	2.565	1.666	0.761
2531	25.30	0.021	-0.528	-1.004	-1.593	-2.435	-3.533	-4.728	-5.760	-6.373	-6.628
2541	25.40	-5.951	-5.108	-4.118	-3.149	-2.254	-1.376	-0.427	0.616	1.664	2.433
2551	25.50	2.729	2.383	1.456	0.238	-0.839	-1.362	-1.108	-0.143	1.196	2.430
2561	25.60	3.137	3.113	2.443	1.444	0.510	-0.056	-0.172	0.020	0.239	0.222
2571	25.70	-0.149	-0.784	-1.434	-1.806	-1.694	-1.068	-0.077	1.016	1.939	2.505
2581	25.80	2.650	2.422	1.924	1.261	0.509	-0.282	-1.063	-1.765	-2.302	-2.589
2591	25.90	-2.578	-2.281	-1.765	-1.127	-0.457	0.192	0.802	1.370	1.888	2.320
2601	26.00	2.621	2.759	2.752	2.670	2.620	2.693	2.914	3.215	3.450	3.447
2611	26.10	3.084	2.341	1.320	0.217	-0.750	-1.409	-1.681	-1.597	-1.267	-0.835
2621	26.20	-0.431	-0.142	0.001	0.018	-0.032	-0.072	-0.026	0.159	0.487	0.896
2631	26.30	1.264	1.434	1.275	0.732	-0.130	-1.139	-2.061	-2.686	-2.907	-2.754
2641	26.40	-2.380	-1.988	-1.750	-1.736	-1.903	-2.133	-2.306	-2.360	-2.317	-2.257
2651	26.50	-2.259	-2.349	-2.474	-2.530	-2.418	-2.102	-1.636	-1.135	-0.722	-0.465
2661	26.60	-0.342	-0.264	-0.128	0.125	0.474	0.837	1.126	1.302	1.407	1.541
2671	26.70	1.793	2.175	2.589	2.858	2.813	2.385	1.671	0.907	0.381	0.300
2681	26.80	0.693	1.382	2.063	2.434	2.335	1.816	1.115	0.541	0.330	0.538
2691	26.90	1.017	1.487	1.664	1.386	0.678	-0.268	-1.176	-1.801	-2.011	-1.811
2701	27.00	-1.310	-0.663	-0.009	0.569	0.942	1.115	1.015	0.609	-0.091	-0.994
2711	27.10	-1.932	-2.704	-3.140	-3.166	-2.836	-2.313	-1.800	-1.463	-1.367	-1.443
2721	27.20	-1.627	-1.726	-1.686	-1.516	-1.296	-1.122	-1.054	-1.087	-1.157	-1.181
2731	27.30	-1.111	-0.957	-0.788	-0.688	-0.710	-0.843	-1.016	-1.135	-1.132	-1.030
2741	27.40	-0.861	-0.734	-0.771	-0.956	-1.191	-1.316	-1.164	-0.649	0.195	1.207
2751	27.50	2.160	2.840	3.129	3.034	2.677	2.232	1.842	1.570	1.387	1.205
2761	27.60	0.945	0.588	0.197	-0.107	-0.207	-0.046	0.342	0.840	1.303	1.622
2771	27.70	1.767	1.796	1.821	1.941	2.198	2.547	2.884	3.090	3.083	2.859
2781	27.80	2.480	2.044	1.642	1.319	1.068	0.844	0.598	0.301	-0.049	-0.433
2791	27.90	-0.829	-1.217	-1.584	-1.904	-2.129	-2.200	-2.067	-1.725	-1.244	-0.769
2801	28.00	-0.481	-0.529	-0.965	-1.497	-2.506	-3.104	-3.253	-2.761	-1.728	-0.343
2811	28.10	1.086	2.256	2.968	3.174	2.883	2.593	2.206	1.948	1.830	1.737
2821	28.20	1.594	1.234	0.668	0.001	-0.579	-0.881	-0.788	-0.329	0.324	0.897
2831	28.30	1.121	0.828	0.027	-1.089	-2.203	-2.986	-3.207	-2.816	-1.952	-0.886
2841	28.40	0.084	0.738	1.000	0.945	0.743	0.574	0.567	0.663	0.824	0.892
2851	28.50	0.755	0.382	-0.164	-0.755	-1.249	-1.547	-1.623	-1.531	-1.369	-1.236
2861	28.60	-1.200	-1.276	-1.434	-1.620	-1.783	-1.893	-1.940	-1.924	-1.842	-1.680
2871	28.70	-1.420	-1.053	-0.602	-0.119	0.314	0.623	0.766	0.759	0.675	0.619
2881	28.80	0.684	0.910	1.256	1.617	1.856	1.860	1.588	1.078	0.450	-0.155
2891	28.90	-0.612	-0.850	-0.858	-0.675	-0.361	0.027	0.441	0.865	1.201	1.475
2901	29.00	1.642	1.706	1.690	1.647	1.603	1.543	1.388	1.023	0.350	-0.638
2911	29.10	-1.817	-2.974	-3.680	-3.795	-3.183	-1.964	-0.652	0.951	1.891	2.184
2921	29.20	1.868	1.166	0.388	-0.197	-0.447	-0.375	-0.108	0.203	0.436	0.555
2931	29.30	0.595	0.617	0.671	0.747	0.883	0.996	1.093	1.148	1.297	1.432
2941	29.40	1.559	1.620	1.553	1.324	0.949	0.480	-0.022	-0.523	-1.041	-1.630
2951	29.50	-2.350	-3.215	-4.161	-5.049	-5.705	-5.979	-5.805	-5.230	-4.405	-3.533
2961	29.60	-2.811	-2.386	-2.221	-2.297	-2.441	-2.473	-2.239	-1.654	-0.732	0.419
2971	29.70	1.618	2.660	3.374	3.679	3.606	3.290	2.921	2.676	2.653	2.839
2981	29.80	3.127	3.371	3.453	3.332	3.093	2.851	2.736	2.805	3.005	3.194
2991	29.90	3.195	2.879	2.222	1.372	0.468	-0.432	-0.920	-1.039	-0.839	-0.461

Table 7—38—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1131 S03-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	0.016	0.626	0.737	0.946	1.075	1.142	1.147	1.078	0.926	0.702
3011	30.10	0.446	0.210	0.036	-0.060	-0.100	-0.127	-0.184	-0.292	-0.441	-0.602
3021	30.20	-0.751	-0.897	-1.088	-1.391	-1.858	-2.485	-3.190	-3.828	-4.238	-4.300
3031	30.30	-3.991	-3.396	-2.677	-2.013	-1.520	-1.216	-1.004	-0.745	-0.307	0.356
3041	30.40	1.173	1.982	2.585	2.830	2.665	2.156	1.461	0.765	0.223	-0.089
3051	30.50	-0.177	-0.112	0.014	0.121	0.167	0.144	0.071	-0.026	-0.130	-0.234
3061	30.60	-0.345	-0.477	-0.665	-0.859	-1.119	-1.405	-1.682	-1.901	-2.014	-1.988
3071	30.70	-1.819	-1.535	-1.187	-0.826	-0.489	-0.182	0.113	0.423	0.763	1.128
3081	30.80	1.493	1.836	2.139	2.423	2.717	3.042	3.386	3.694	3.877	3.853
3091	30.90	3.579	3.084	2.463	1.847	1.353	1.040	0.897	0.853	0.819	0.730
3101	31.00	0.570	0.368	0.174	0.026	-0.072	-0.148	-0.243	-0.382	-0.563	-0.755
3111	31.10	-0.922	-1.051	-1.131	-1.215	-1.329	-1.484	-1.663	-1.828	-1.948	-2.021
3121	31.20	-2.080	-2.179	-2.357	-2.606	-2.886	-3.028	-3.003	-2.745	-2.278	-1.702
3131	31.30	-1.135	-0.668	-0.324	-0.058	0.208	0.537	0.929	1.313	1.576	1.621
3141	31.40	1.416	1.025	0.567	0.186	-0.036	-0.137	-0.115	-0.103	-0.390	-0.729
3151	31.50	-1.095	-1.333	-1.315	-1.005	-0.489	0.056	0.427	0.501	0.267	-0.164
3161	31.60	-0.621	-0.949	-1.089	-1.087	-1.069	-1.158	-1.400	-1.737	-2.022	-2.096
3171	31.70	-1.869	-1.370	-0.737	-0.155	0.242	0.433	0.533	0.731	1.195	1.976
3181	31.80	2.963	3.910	4.533	4.623	4.135	3.204	2.087	1.059	0.310	-0.117
3191	31.90	-0.309	-0.416	-0.558	-0.766	-0.969	-1.041	-0.880	-0.471	0.095	0.653
3201	32.00	1.035	1.142	0.985	0.668	0.340	0.121	0.060	0.117	0.205	0.234
3211	32.10	0.165	0.019	-0.138	-0.240	-0.258	-0.216	-0.175	-0.194	-0.294	-0.439
3221	32.20	-0.547	-0.536	-0.361	-0.045	0.327	0.643	0.806	0.771	0.561	0.241
3231	32.30	-0.105	-0.409	-0.631	-0.751	-0.749	-0.537	-0.261	0.273	0.966	1.713
3241	32.40	2.355	2.728	2.722	2.332	1.666	0.902	0.233	-0.230	-0.486	-0.637
3251	32.50	-0.832	-1.177	-1.681	-2.238	-2.670	-2.809	-2.583	-2.047	-1.371	-0.768
3261	32.60	-0.407	-0.354	-0.551	-0.864	-1.152	-1.324	-1.375	-1.361	-1.352	-1.381
3271	32.70	-1.424	-1.408	-1.263	-0.960	-0.534	-0.067	0.349	0.663	0.882	1.064
3281	32.80	1.272	1.534	1.818	2.043	2.125	2.020	1.759	1.432	1.155	1.011
3291	32.90	1.012	1.100	1.179	1.170	1.052	0.872	0.715	0.652	0.692	0.765
3301	33.00	0.752	0.540	0.082	-0.563	-1.243	-1.763	-1.960	-1.763	-1.224	-0.493
3311	33.10	0.237	0.795	1.092	1.132	0.996	0.798	0.653	0.545	0.523	0.515
3321	33.20	0.465	0.342	0.154	-0.059	-0.247	-0.373	-0.436	-0.464	-0.509	-0.609
3331	33.30	-0.737	-0.986	-1.179	-1.295	-1.297	-1.182	-1.009	-0.823	-0.680	-0.596
3341	33.40	-0.540	-0.451	-0.269	0.035	0.434	0.853	1.191	1.360	1.318	1.088
3351	33.50	0.743	0.385	0.103	-0.049	-0.063	0.032	0.187	0.354	0.495	0.589
3361	33.60	0.624	0.595	0.502	0.354	0.169	-0.024	-0.193	-0.320	-0.400	-0.454
3371	33.70	-0.512	-0.604	-0.740	-0.906	-1.065	-1.170	-1.183	-1.089	-0.901	-0.653
3381	33.80	-0.390	-0.150	0.051	0.219	0.381	0.576	0.838	1.182	1.594	2.029
3391	33.90	2.415	2.673	2.739	2.586	2.242	1.782	1.311	0.926	0.682	0.566
3401	34.00	0.504	0.382	0.093	-0.415	-1.114	-1.898	-2.616	-3.120	-3.318	-3.201
3411	34.10	-2.865	-2.378	-1.938	-1.621	-1.460	-1.421	-1.432	-1.411	-1.310	-1.123
3421	34.20	-0.807	-0.658	-0.479	-0.365	-0.293	-0.216	-0.091	0.097	0.324	0.531
3431	34.30	0.666	0.614	0.425	0.159	-0.228	-0.526	-0.703	-0.722	-0.586	-0.323
3441	34.40	0.037	0.471	0.965	1.500	2.034	2.496	2.790	2.827	2.561	2.017
3451	34.50	1.299	0.560	-0.041	-0.393	-0.470	-0.331	-0.094	0.112	0.196	0.131
3461	34.60	-0.046	-0.267	-0.469	-0.622	-0.742	-0.869	-1.045	-1.283	-1.558	-1.808
3471	34.70	-1.964	-1.976	-1.830	-1.554	-1.206	-0.846	-0.522	-0.258	-0.056	0.095
3481	34.80	0.197	0.242	0.215	0.099	-0.103	-0.365	-0.639	-0.870	-1.017	-1.070
3491	34.90	-1.059	-1.039	-1.074	-1.203	-1.423	-1.685	-1.907	-2.003	-1.914	-1.628

Table 7—38—8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1131 S03-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.183	-0.650	-0.111	0.371	0.764	1.066	1.298	1.484	1.641	1.778
3511	35.10	1.893	1.979	2.025	2.016	1.933	1.759	1.489	1.141	0.762	0.420
3521	35.20	0.178	0.068	0.071	0.119	0.123	0.016	-0.206	-0.472	-0.658	-0.642
3531	35.30	-0.359	0.161	0.799	1.398	1.831	2.058	2.137	2.191	2.331	2.593
3541	35.40	2.905	3.117	3.071	2.682	1.988	1.139	0.335	-0.264	-0.610	-0.776
3551	35.50	-0.913	-1.161	-1.571	-2.074	-2.506	-2.686	-2.507	-1.988	-1.262	-0.518
3561	35.60	0.081	0.470	0.690	0.851	1.064	1.371	1.731	2.037	2.178	2.102
3571	35.70	1.845	1.515	1.240	1.110	1.136	1.253	1.357	1.356	1.217	0.974
3581	35.80	0.707	0.496	0.385	0.362	0.372	0.353	0.263	0.103	-0.089	-0.252
3591	35.90	-0.382	-0.450	-0.499	-0.581	-0.734	-0.969	-1.254	-1.535	-1.750	-1.854
3601	36.00	-1.834	-1.707	-1.509	-1.280	-1.052	-0.841	-0.652	-0.485	-0.347	-0.250
3611	36.10	-0.214	-0.253	-0.388	-0.561	-0.736	-0.914	-1.039	-1.100	-1.113	-1.116
3621	36.20	-1.152	-1.254	-1.423	-1.625	-1.798	-1.872	-1.792	-1.536	-1.124	-0.610
3631	36.30	-0.065	0.442	0.865	1.179	1.389	1.516	1.590	1.648	1.723	1.844
3641	36.40	2.029	2.272	2.546	2.797	2.959	2.970	2.797	2.450	1.982	1.476
3651	36.50	1.016	0.663	0.440	0.322	0.259	0.192	0.074	-0.119	-0.388	-0.719
3661	36.60	-1.093	-1.486	-1.840	-2.115	-2.232	-2.119	-1.730	-1.072	-0.224	0.676
3671	36.70	1.459	1.978	2.146	1.962	1.505	0.896	0.248	-0.368	-0.943	-1.508
3681	36.80	-2.100	-2.722	-3.323	-3.814	-4.096	-4.112	-3.874	-3.466	-3.015	-2.642
3691	36.90	-2.422	-2.353	-2.374	-2.394	-2.335	-2.169	-1.920	-1.643	-1.401	-1.225
3701	37.00	-1.110	-1.020	-0.915	-0.768	-0.582	-0.381	-0.194	-0.037	0.097	0.230
3711	37.10	0.382	0.557	0.736	0.885	0.970	0.981	0.934	0.867	0.826	0.839
3721	37.20	0.906	1.004	1.094	1.166	1.166	1.101	1.034	0.972	0.938	0.955
3731	37.30	1.047	1.240	1.556	1.999	2.539	3.105	3.595	3.901	3.947	3.715
3741	37.40	3.259	2.687	2.121	1.659	1.343	1.153	1.027	0.895	0.708	0.459
3751	37.50	0.174	-0.108	-0.357	-0.568	-0.762	-0.967	-1.203	-1.470	-1.744	-1.992
3761	37.60	-2.185	-2.310	-2.372	-2.393	-2.399	-2.413	-2.456	-2.540	-2.669	-2.838
3771	37.70	-3.024	-3.186	-3.271	-3.225	-3.017	-2.650	-2.168	-1.646	-1.163	-0.779
3781	37.80	-0.513	-0.345	-0.224	-0.099	0.067	0.283	0.535	0.797	1.043	1.257
3791	37.90	1.429	1.547	1.600	1.573	1.465	1.297	1.113	0.969	0.910	0.949
3801	38.00	1.056	1.162	1.203	1.135	0.972	0.777	0.665	0.659	0.859	1.226
3811	38.10	1.689	2.164	2.586	2.931	3.216	3.465	3.703	3.908	4.027	3.999
3821	38.20	3.784	3.386	2.863	2.298	1.770	1.322	0.951	0.617	0.277	-0.085
3831	38.30	-0.448	-0.759	-0.962	-1.031	-0.986	-0.892	-0.830	-0.861	-1.001	-1.209
3841	38.40	-1.409	-1.523	-1.506	-1.360	-1.135	-0.903	-0.725	-0.631	-0.614	-0.639
3851	38.50	-0.665	-0.670	-0.654	-0.637	-0.644	-0.685	-0.753	-0.822	-0.865	-0.866
3861	38.60	-0.831	-0.783	-0.754	-0.763	-0.814	-0.890	-0.962	-1.008	-1.020	-1.011
3871	38.70	-1.006	-1.032	-1.098	-1.195	-1.295	-1.362	-1.368	-1.306	-1.178	-1.013
3881	38.80	-0.834	-0.661	-0.502	-0.355	-0.215	-0.081	0.044	0.155	0.251	0.337
3891	38.90	0.425	0.532	0.671	0.843	1.035	1.218	1.357	1.410	1.340	1.116
3901	39.00	0.721	0.156	-0.565	-1.317	-2.058	-2.663	-2.953	-2.901	-2.469	-1.714
3911	39.10	-0.768	0.196	1.003	1.538	1.764	1.729	1.568	1.362	1.285	1.376
3921	39.20	1.621	1.951	2.274	2.510	2.623	2.631	2.589	2.564	2.602	2.705
3931	39.30	2.832	2.916	2.895	2.760	2.472	2.147	1.833	1.573	1.366	1.161
3941	39.40	0.887	0.492	-0.029	-0.612	-1.156	-1.552	-1.751	-1.770	-1.699	-1.652
3951	39.50	-1.715	-1.900	-2.139	-2.316	-2.329	-2.143	-1.811	-1.456	-1.203	-1.114
3961	39.60	-1.166	-1.187	-1.012	-0.572	0.147	1.004	1.774	2.231	2.241	1.809
3971	39.70	1.069	0.221	-0.556	-1.167	-1.622	-1.997	-2.372	-2.771	-3.139	-3.323
3981	39.80	-3.379	-3.096	-2.597	-2.008	-1.479	-1.120	-0.960	-0.944	-0.968	-0.936
3991	39.90	-0.799	-0.577	-0.335	-0.143	-0.039	-0.003	0.023	0.107	0.289	0.553

Table 7—38—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	0.828	1.014	1.015	0.779	0.312	-0.323	-1.020	-1.667	-2.162	-2.443
4011	40.10	-2.491	-2.336	-2.029	-1.653	-1.283	-0.976	-0.757	-0.627	-0.554	-0.496
4021	40.20	-0.411	-0.265	-0.068	0.238	0.523	0.930	1.275	1.572	1.786	1.893
4031	40.30	1.883	1.770	1.588	1.389	1.220	1.114	1.078	1.090	1.115	1.118
4041	40.40	1.080	1.007	0.921	0.869	0.807	0.793	0.787	0.761	0.695	0.588
4051	40.50	0.456	0.320	0.209	0.132	0.083	0.041	-0.016	-0.103	-0.219	-0.348
4061	40.60	-0.465	-0.542	-0.559	-0.510	-0.401	-0.251	-0.087	0.064	0.179	0.250
4071	40.70	0.281	0.296	0.318	0.380	0.492	0.643	0.794	0.887	0.863	0.681
4081	40.80	0.337	-0.130	-0.444	-1.110	-1.445	-1.602	-1.586	-1.443	-1.263	-1.126
4091	40.90	-1.085	-1.165	-1.262	-1.361	-1.368	-1.241	-0.984	-0.652	-0.322	-0.068
4101	41.00	0.069	0.091	0.038	-0.037	-0.089	-0.096	-0.056	0.027	0.162	0.377
4111	41.10	0.708	1.178	1.766	2.396	2.952	3.311	3.387	3.169	2.728	2.186
4121	41.20	1.673	1.273	0.998	0.788	0.548	0.201	-0.274	-0.826	-1.349	-1.726
4131	41.30	-1.873	-1.771	-1.468	-1.060	-0.654	-0.331	-0.124	-0.021	0.024	0.064
4141	41.40	0.143	0.274	0.442	0.610	0.736	0.787	0.758	0.670	0.574	0.522
4151	41.50	0.553	0.669	0.834	0.981	1.047	1.005	0.882	0.759	0.739	0.909
4161	41.60	1.296	1.868	2.454	2.984	3.333	3.462	3.396	3.205	2.956	2.691
4171	41.70	2.404	2.066	1.654	1.171	0.658	0.167	-0.272	-0.670	-1.086	-1.580
4181	41.80	-2.193	-2.885	-3.541	-4.008	-4.153	-3.923	-3.380	-2.680	-2.018	-1.550
4191	41.90	-1.337	-1.329	-1.392	-1.377	-1.183	-0.799	-0.305	0.166	0.481	0.553
4201	42.00	0.371	-0.007	-0.483	-0.953	-1.335	-1.589	-1.711	-1.733	-1.697	-1.652
4211	42.10	-1.629	-1.660	-1.666	-1.670	-1.606	-1.439	-1.158	-0.788	-0.381	0.003
4221	42.20	0.311	0.518	0.625	0.647	0.605	0.510	0.372	0.209	0.063	0.005
4231	42.30	0.116	0.454	1.025	1.743	2.666	3.016	3.242	3.078	2.566	1.844
4241	42.40	1.095	0.486	0.111	-0.035	-0.033	-0.002	-0.067	-0.217	-0.492	-0.814
4251	42.50	-1.095	-1.277	-1.343	-1.315	-1.246	-1.186	-1.171	-1.207	-1.274	-1.337
4261	42.60	-1.362	-1.323	-1.215	-1.046	-0.836	-0.608	-0.387	-0.189	-0.030	0.085
4271	42.70	0.152	0.175	0.164	0.134	0.103	0.088	0.098	0.134	0.182	0.220
4281	42.80	0.229	0.198	0.130	0.046	-0.028	-0.070	-0.073	-0.051	-0.028	-0.032
4291	42.90	-0.076	-0.155	-0.247	-0.325	-0.374	-0.397	-0.417	-0.458	-0.540	-0.657
4301	43.00	-0.781	-0.871	-0.895	-0.834	-0.699	-0.511	-0.301	-0.085	0.130	0.344
4311	43.10	0.553	0.738	0.868	0.913	0.856	0.712	0.521	0.336	0.200	0.127
4321	43.20	0.101	0.082	0.031	-0.066	-0.196	-0.312	-0.371	-0.338	-0.209	-0.005
4331	43.30	0.242	0.501	0.753	0.992	1.210	1.392	1.509	1.536	1.459	1.294
4341	43.40	1.083	0.877	0.716	0.594	0.479	0.310	0.035	-0.357	-0.821	-1.270
4351	43.50	-1.605	-1.750	-1.689	-1.459	-1.141	-0.821	-0.564	-0.395	-0.311	-0.291
4361	43.60	-0.320	-0.391	-0.500	-0.632	-0.750	-0.799	-0.731	-0.521	-0.193	0.187
4371	43.70	0.536	0.789	0.926	0.986	1.035	1.154	1.377	1.681	1.992	2.216
4381	43.80	2.275	2.153	1.887	1.555	1.239	0.995	0.833	0.727	0.662	0.555
4391	43.90	0.474	0.427	0.449	0.549	0.705	0.866	0.980	1.013	0.973	0.902
4401	44.00	0.859	0.887	0.992	1.138	1.260	1.294	1.204	0.994	0.705	0.390
4411	44.10	0.097	-0.156	-0.372	-0.571	-0.767	-0.958	-1.127	-1.253	-1.326	-1.361
4421	44.20	-1.391	-1.457	-1.579	-1.752	-1.932	-2.063	-2.090	-1.987	-1.769	-1.482
4431	44.30	-1.187	-0.935	-0.750	-0.625	-0.533	-0.441	-0.333	-0.212	-0.097	-0.013
4441	44.40	0.030	0.035	0.024	0.028	0.066	0.146	0.255	0.368	0.460	0.513
4451	44.50	0.523	0.497	0.454	0.408	0.375	0.355	0.353	0.361	0.372	0.375
4461	44.60	0.357	0.305	0.207	0.057	-0.165	-0.383	-0.632	-0.863	-1.045	-1.156
4471	44.70	-1.186	-1.139	-1.034	-0.896	-0.753	-0.627	-0.533	-0.474	-0.444	-0.428
4481	44.80	-0.409	-0.374	-0.316	-0.238	-0.152	-0.075	-0.023	-0.006	-0.025	-0.072
4491	44.90	-0.131	-0.187	-0.228	-0.252	-0.262	-0.268	-0.278	-0.295	-0.319	-0.344

Table 7—38—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.364	-0.377	-0.387	-0.400	-0.421	-0.453	-0.487	-0.510	-0.506	-0.467
4511	45.10	-0.391	-0.289	-0.181	-0.083	-0.009	0.040	0.074	0.106	0.148	0.206
4521	45.20	0.277	0.354	0.427	0.496	0.564	0.639	0.726	0.825	0.929	1.025
4531	45.30	1.106	1.169	1.223	1.283	1.361	1.460	1.572	1.678	1.760	1.814
4541	45.40	1.850	1.892	1.969	2.094	2.256	2.413	2.502	2.463	2.260	1.899
4551	45.50	1.429	0.929	0.477	0.126	-0.118	-0.293	-0.469	-0.714	-1.063	-1.507
4561	45.60	-1.989	-2.428	-2.746	-2.895	-2.876	-2.730	-2.526	-2.333	-2.199	-2.141
4571	45.70	-2.149	-2.192	-2.236	-2.256	-2.232	-2.159	-2.036	-1.869	-1.669	-1.454
4581	45.80	-1.246	-1.067	-0.928	-0.825	-0.761	-0.646	-0.520	-0.353	-0.158	0.041
4591	45.90	0.220	0.371	0.508	0.663	0.864	1.121	1.408	1.673	1.852	1.900
4601	46.00	1.808	1.609	1.367	1.141	0.970	0.852	0.761	0.667	0.558	0.459
4611	46.10	0.418	0.481	0.666	0.945	1.252	1.511	1.674	1.742	1.767	1.820
4621	46.20	1.958	2.184	2.441	2.634	2.668	2.499	2.146	1.693	1.245	0.888
4631	46.30	0.652	0.509	0.394	0.245	0.031	-0.235	-0.508	-0.744	-0.927	-1.079
4641	46.40	-1.246	-1.470	-1.756	-2.064	-2.317	-2.436	-2.367	-2.124	-1.769	-1.391
4651	46.50	-1.076	-0.871	-0.773	-0.742	-0.727	-0.688	-0.617	-0.531	-0.459	-0.417
4661	46.60	-0.404	-0.398	-0.370	-0.304	-0.204	-0.093	-0.001	0.050	0.060	0.046
4671	46.70	0.032	0.038	0.066	0.100	0.115	0.092	0.029	-0.059	-0.142	-0.198
4681	46.80	-0.218	-0.214	-0.213	-0.240	-0.304	-0.391	-0.462	-0.475	-0.399	-0.233
4691	46.90	-0.007	0.222	0.391	0.454	0.394	0.230	0.007	-0.220	-0.403	-0.518
4701	47.00	-0.561	-0.547	-0.500	-0.438	-0.374	-0.310	-0.269	-0.191	-0.142	-0.108
4711	47.10	-0.091	-0.086	-0.082	-0.067	-0.032	0.023	0.084	0.139	0.168	0.165
4721	47.20	0.137	0.101	0.075	0.069	0.081	0.098	0.101	0.081	0.039	-0.008
4731	47.30	-0.036	-0.020	0.052	0.180	0.349	0.544	0.749	0.957	1.163	1.357
4741	47.40	1.526	1.646	1.693	1.653	1.531	1.352	1.158	0.989	0.872	0.809
4751	47.50	0.781	0.758	0.714	0.639	0.542	0.443	0.360	0.299	0.248	0.186
4761	47.60	0.092	-0.043	-0.207	-0.379	-0.534	-0.658	-0.756	-0.846	-0.948	-1.073
4771	47.70	-1.214	-1.348	-1.448	-1.499	-1.505	-1.492	-1.494	-1.539	-1.636	-1.765
4781	47.80	-1.890	-1.967	-1.966	-1.882	-1.731	-1.549	-1.374	-1.232	-1.135	-1.078
4791	47.90	-1.039	-0.992	-0.910	-0.771	-0.565	-0.290	0.039	0.395	0.743	1.053
4801	48.00	1.304	1.499	1.658	1.815	1.995	2.209	2.438	2.639	2.761	2.766
4811	48.10	2.638	2.400	2.097	1.787	1.515	1.306	1.155	1.039	0.932	0.815
4821	48.20	0.682	0.543	0.413	0.302	0.210	0.129	0.043	-0.065	-0.205	-0.384
4831	48.30	-0.604	-0.862	-1.150	-1.454	-1.749	-2.003	-2.177	-2.210	-2.177	-1.995
4841	48.40	-1.725	-1.419	-1.131	-0.905	-0.763	-0.695	-0.671	-0.645	-0.575	-0.437
4851	48.50	-0.236	-0.004	0.206	0.338	0.352	0.235	0.010	-0.266	-0.525	-0.700
4861	48.60	-0.749	-0.663	-0.466	-0.205	0.065	0.305	0.491	0.622	0.710	0.767
4871	48.70	0.800	0.804	0.774	0.708	0.613	0.508	0.417	0.359	0.341	0.351
4881	48.80	0.368	0.369	0.342	0.288	0.225	0.178	0.167	0.196	0.252	0.310
4891	48.90	0.340	0.325	0.259	0.157	0.043	-0.063	-0.149	-0.217	-0.282	-0.359
4901	49.00	-0.436	-0.568	-0.674	-0.768	-0.765	-0.714	-0.802	-0.453	-0.299	-0.167
4911	49.10	-0.072	-0.014	0.023	0.063	0.120	0.201	0.295	0.383	0.446	0.472
4921	49.20	0.460	0.425	0.386	0.361	0.380	0.382	0.417	0.450	0.470	0.474
4931	49.30	0.467	0.457	0.456	0.467	0.492	0.524	0.552	0.568	0.566	0.543
4941	49.40	0.500	0.440	0.369	0.293	0.218	0.149	0.099	0.043	0.006	-0.028
4951	49.50	-0.065	-0.111	-0.168	-0.233	-0.298	-0.356	-0.402	-0.436	-0.466	-0.502
4961	49.60	-0.555	-0.624	-0.707	-0.785	-0.836	-0.842	-0.794	-0.697	-0.569	-0.436
4971	49.70	-0.321	-0.237	-0.184	-0.150	-0.115	-0.065	0.006	0.088	0.173	0.245
4981	49.80	0.299	0.340	0.382	0.438	0.516	0.610	0.703	0.773	0.800	0.775
4991	49.90	0.707	0.614	0.522	0.449	0.402	0.378	0.365	0.368	0.321	0.283

Table 7—38—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1131 S03-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.239	0.197	0.161	0.129	0.098	0.066	0.027	-0.010	-0.037	-0.069
5011	50.10	-0.043	-0.022	0.006	0.029	0.040	0.038	0.026	0.013	0.005	0.006
5021	50.20	0.014	0.024	0.031	0.032	0.027	0.019	0.013	0.011	0.015	0.023
5031	50.30	0.029	0.032	0.028	0.020	0.012	0.008	0.012	0.023	0.034	0.039
5041	50.40	0.027	-0.005	-0.057	-0.121	-0.186	-0.243	-0.285	-0.315	-0.338	-0.364
5051	50.50	-0.400	-0.447	-0.499	-0.548	-0.586	-0.614	-0.638	-0.666	-0.706	-0.759
5061	50.60	-0.816	-0.866	-0.901	-0.919	-0.933	-0.958	-1.008	-1.081	-1.162	-1.219
5071	50.70	-1.223	-1.155	-1.021	-0.868	-0.674	-0.536	-0.448	-0.401	-0.365	-0.310
5081	50.80	-0.215	-0.085	0.050	0.152	0.191	0.155	0.061	-0.056	-0.162	-0.234
5091	50.90	-0.271	-0.291	-0.317	-0.363	-0.423	-0.473	-0.478	-0.411	-0.264	-0.053
5101	51.00	0.187	0.412	0.586	0.690	0.726	0.709	0.665	0.615	0.577	0.558
5111	51.10	0.558	0.570	0.589	0.607	0.619	0.624	0.624	0.624	0.628	0.639
5121	51.20	0.653	0.668	0.676	0.677	0.672	0.670	0.678	0.698	0.723	0.743
5131	51.30	0.738	0.695	0.617	0.516	0.414	0.331	0.276	0.245	0.221	0.184
5141	51.40	0.125	0.047	-0.034	-0.099	-0.139	-0.160	-0.181	-0.224	-0.302	-0.406
5151	51.50	-0.509	-0.574	-0.572	-0.492	-0.352	-0.185	-0.029	0.092	0.176	0.237
5161	51.60	0.298	0.376	0.470	0.567	0.652	0.717	0.768	0.826	0.913	1.035
5171	51.70	1.177	1.306	1.377	1.358	1.240	1.039	0.792	0.538	0.306	0.106
5181	51.80	-0.065	-0.214	-0.347	-0.449	-0.509	-0.435	-0.397	-0.250	-0.071	0.108
5191	51.90	0.260	0.374	0.449	0.491	0.500	0.466	0.373	0.203	-0.047	-0.360
5201	52.00	-0.696	-1.006	-1.244	-1.380	-1.408	-1.349	-1.236	-1.108	-0.995	-0.913
5211	52.10	-0.866	-0.838	-0.823	-0.807	-0.786	-0.753	-0.718	-0.682	-0.647	-0.616
5221	52.20	-0.585	-0.553	-0.518	-0.481	-0.443	-0.409	-0.379	-0.353	-0.327	-0.296
5231	52.30	-0.258	-0.215	-0.171	-0.133	-0.107	-0.089	-0.071	-0.044	0.000	0.060
5241	52.40	0.121	0.164	0.171	0.133	0.060	-0.029	-0.109	-0.164	-0.194	-0.213
5251	52.50	-0.241	-0.290	-0.356	-0.413	-0.431	-0.382	-0.265	-0.102	0.070	0.210
5261	52.60	0.299	0.342	0.369	0.412	0.492	0.604	0.724	0.822	0.885	0.925
5271	52.70	0.977	1.081	1.258	1.489	1.721	1.879	1.902	1.768	1.505	1.180
5281	52.80	0.871	0.634	0.484	0.394	0.313	0.197	0.029	-0.176	-0.383	-0.560
5291	52.90	-0.698	-0.816	-0.949	-1.126	-1.348	-1.583	-1.769	-1.849	-1.789	-1.598
5301	53.00	-1.328	-1.048	-0.822	-0.680	-0.614	-0.585	-0.545	-0.461	-0.329	-0.172
5311	53.10	-0.027	0.072	0.110	0.097	0.060	0.031	0.031	0.066	0.125	0.189
5321	53.20	0.240	0.271	0.285	0.293	0.309	0.341	0.388	0.442	0.491	0.528
5331	53.30	0.569	0.559	0.570	0.593	0.634	0.693	0.759	0.815	0.843	0.828
5341	53.40	0.768	0.670	0.552	0.432	0.326	0.242	0.179	0.126	0.073	0.013
5351	53.50	-0.055	-0.127	-0.199	-0.266	-0.330	-0.396	-0.467	-0.543	-0.618	-0.685
5361	53.60	-0.739	-0.784	-0.832	-0.900	-0.999	-1.122	-1.241	-1.311	-1.280	-1.111
5371	53.70	-0.801	-0.382	0.082	0.514	0.858	1.093	1.242	1.261	1.514	1.740
5381	53.80	2.038	2.359	2.424	2.252	2.689	2.428	2.009	1.503	0.988	0.526
5391	53.90	0.149	-0.139	-0.352	-0.505	-0.610	-0.672	-0.698	-0.701	-0.706	-0.742
5401	54.00	-0.831	-0.976	-1.152	-1.318	-1.427	-1.448	-1.375	-1.230	-1.054	-0.890
5411	54.10	-0.765	-0.683	-0.630	-0.584	-0.526	-0.452	-0.371	-0.294	-0.228	-0.170
5421	54.20	-0.105	-0.024	0.076	0.180	0.281	0.290	0.250	0.145	-0.000	-0.151
5431	54.30	-0.275	-0.357	-0.402	-0.431	-0.466	-0.522	-0.598	-0.681	-0.754	-0.811
5441	54.40	-0.856	-0.905	-0.974	-1.067	-1.167	-1.242	-1.256	-1.182	-1.017	-0.787
5451	54.50	-0.535	-0.308	-0.137	-0.029	0.032	0.082	0.155	0.272	0.433	0.621
5461	54.60	0.804	0.951	1.039	1.058	1.010	0.908	0.771	0.619	0.471	0.343
5471	54.70	0.246	0.184	0.158	0.159	0.181	0.215	0.257	0.302	0.349	0.392
5481	54.80	0.427	0.450	0.461	0.465	0.470	0.487	0.516	0.550	0.569	0.552
5491	54.90	0.487	0.376	0.260	0.112	0.021	-0.022	-0.027	-0.023	-0.045	-0.113

Table 7—38—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1131 S03-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.222	-0.345	-0.445	-0.494	-0.491	-0.468	-0.471	-0.536	-0.674	-0.850
5511	55.10	-1.000	-1.054	-0.965	-0.731	-0.395	-0.023	0.321	0.605	0.835	1.048
5521	55.20	1.280	1.544	1.815	2.036	2.166	2.102	1.907	1.609	1.280	0.991
5531	55.30	0.786	0.670	0.617	0.584	0.537	0.462	0.367	0.271	0.191	0.133
5541	55.40	0.090	0.048	-0.007	-0.077	-0.161	-0.250	-0.336	-0.416	-0.489	-0.556
5551	55.50	-0.617	-0.672	-0.724	-0.783	-0.861	-0.966	-1.086	-1.202	-1.276	-1.266
5561	55.60	-1.148	-0.927	-0.639	-0.337	-0.076	0.117	0.246	0.345	0.457	0.610
5571	55.70	0.801	0.997	1.146	1.208	1.172	1.062	0.928	0.827	0.795	0.835
5581	55.80	0.920	1.007	1.053	1.032	0.939	0.784	0.586	0.356	0.114	-0.129
5591	55.90	-0.352	-0.537	-0.669	-0.748	-0.796	-0.847	-0.938	-1.085	-1.276	-1.467
5601	56.00	-1.601	-1.627	-1.526	-1.320	-1.059	-0.804	-0.601	-0.462	-0.367	-0.281
5611	56.10	-0.174	-0.043	0.090	0.182	0.199	0.128	-0.012	-0.177	-0.319	-0.405
5621	56.20	-0.430	-0.416	-0.398	-0.407	-0.456	-0.535	-0.621	-0.689	-0.726	-0.736
5631	56.30	-0.738	-0.755	-0.800	-0.873	-0.959	-1.034	-1.074	-1.064	-1.000	-0.894
5641	56.40	-0.765	-0.633	-0.516	-0.424	-0.359	-0.311	-0.267	-0.215	-0.166	-0.062
5651	56.50	0.031	0.120	0.195	0.252	0.299	0.368	0.412	0.496	0.597	0.699
5661	56.60	0.785	0.842	0.864	0.858	0.856	0.809	0.785	0.762	0.738	0.713
5671	56.70	0.693	0.688	0.707	0.745	0.784	0.794	0.746	0.621	0.427	0.192
5681	56.80	-0.039	-0.231	-0.366	-0.456	-0.538	-0.650	-0.816	-1.027	-1.241	-1.396
5691	56.90	-1.430	-1.311	-1.044	-0.673	-0.267	0.102	0.380	0.544	0.602	0.586
5701	57.00	0.534	0.482	0.452	0.453	0.483	0.532	0.586	0.634	0.665	0.674
5711	57.10	0.658	0.621	0.570	0.516	0.469	0.433	0.410	0.396	0.385	0.369
5721	57.20	0.347	0.320	0.294	0.272	0.255	0.239	0.215	0.168	0.086	-0.040
5731	57.30	-0.231	-0.416	-0.636	-0.841	-1.003	-1.093	-1.098	-1.015	-0.859	-0.658
5741	57.40	-0.446	-0.252	-0.095	0.020	0.105	0.175	0.248	0.326	0.403	0.457
5751	57.50	0.469	0.428	0.344	0.242	0.157	0.149	0.138	0.201	0.271	0.309
5761	57.60	0.286	0.206	0.100	0.021	0.017	0.116	0.303	0.546	0.790	0.996
5771	57.70	1.154	1.285	1.426	1.607	1.829	2.054	2.222	2.271	2.168	1.927
5781	57.80	1.603	1.272	0.997	0.810	0.699	0.623	0.534	0.404	0.233	0.048
5791	57.90	-0.118	-0.245	-0.356	-0.412	-0.501	-0.619	-0.760	-0.903	-1.026	-1.122
5801	58.00	-1.206	-1.303	-1.442	-1.623	-1.812	-1.954	-1.991	-1.889	-1.659	-1.350
5811	58.10	-1.036	-0.777	-0.605	-0.504	-0.431	-0.356	-0.192	-0.008	0.177	0.311
5821	58.20	0.356	0.309	0.199	0.074	-0.017	-0.047	-0.022	0.034	0.086	0.108
5831	58.30	0.095	0.058	0.016	-0.019	-0.046	-0.075	-0.122	-0.196	-0.292	-0.394
5841	58.40	-0.479	-0.532	-0.555	-0.562	-0.580	-0.628	-0.715	-0.829	-0.938	-1.003
5851	58.50	-0.995	-0.902	-0.736	-0.530	-0.323	-0.151	-0.028	0.052	0.111	0.179
5861	58.60	0.274	0.408	0.565	0.681	0.780	0.867	0.926	0.994	1.096	1.244
5871	58.70	1.422	1.591	1.701	1.707	1.591	1.366	1.075	0.776	0.516	0.323
5881	58.80	0.193	0.099	0.004	-0.118	-0.276	-0.456	-0.624	-0.758	-0.840	-0.876
5891	58.90	-0.888	-0.909	-0.966	-1.071	-1.215	-1.373	-1.509	-1.590	-1.597	-1.528
5901	59.00	-1.461	-1.243	-1.086	-0.952	-0.853	-0.786	-0.739	-0.695	-0.639	-0.566
5911	59.10	-0.478	-0.384	-0.295	-0.222	-0.167	-0.131	-0.107	-0.090	-0.073	-0.051
5921	59.20	-0.022	0.015	0.057	0.103	0.148	0.188	0.222	0.251	0.276	0.305
5931	59.30	0.341	0.387	0.440	0.496	0.549	0.596	0.639	0.686	0.743	0.813
5941	59.40	0.892	0.965	1.013	1.018	0.973	0.882	0.761	0.634	0.521	0.433
5951	59.50	0.369	0.321	0.277	0.232	0.189	0.156	0.144	0.156	0.187	0.223
5961	59.60	0.248	0.250	0.250	0.197	0.147	0.154	0.160	0.177	0.189	0.179
5971	59.70	0.141	0.081	0.015	-0.039	-0.068	-0.074	-0.070	-0.075	-0.101	-0.149
5981	59.80	-0.208	-0.258	-0.287	-0.292	-0.285	-0.287	-0.315	-0.373	-0.446	-0.513
5991	59.90	-0.552	-0.556	-0.539	-0.527	-0.551	-0.622	-0.725	-0.823	-0.868	-0.823

Table 7—38—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.678	-0.457	-0.207	0.025	0.205	0.335	0.439	0.553	0.704	0.890
6011	60.10	1.082	1.232	1.298	1.256	1.119	0.925	0.724	0.560	0.452	0.393
6021	60.20	0.354	0.300	0.200	0.037	-0.187	-0.454	-0.735	-0.997	-1.206	-1.332
6031	60.30	-1.355	-1.272	-1.099	-0.868	-0.621	-0.397	-0.222	-0.100	-0.019	0.045
6041	60.40	0.110	0.183	0.259	0.321	0.358	0.368	0.363	0.363	0.387	0.461
6051	60.50	0.515	0.590	0.647	0.679	0.694	0.710	0.747	0.812	0.892	0.959
6061	60.60	0.982	0.941	0.835	0.688	0.536	0.412	0.333	0.295	0.275	0.246
6071	60.70	0.188	0.100	-0.004	-0.097	-0.161	-0.189	-0.190	-0.186	-0.196	-0.253
6081	60.80	-0.292	-0.357	-0.411	-0.443	-0.455	-0.461	-0.479	-0.522	-0.591	-0.671
6091	60.90	-0.739	-0.769	-0.748	-0.675	-0.563	-0.431	-0.300	-0.185	-0.088	-0.003
6101	61.00	0.062	0.127	0.191	0.256	0.324	0.400	0.485	0.582	0.685	0.781
6111	61.10	0.854	0.887	0.872	0.812	0.722	0.624	0.539	0.481	0.452	0.442
6121	61.20	0.436	0.422	0.390	0.344	0.292	0.243	0.208	0.188	0.177	0.166
6131	61.30	0.137	0.075	-0.033	-0.192	-0.398	-0.632	-0.867	-1.069	-1.205	-1.257
6141	61.40	-1.221	-1.118	-0.978	-0.839	-0.729	-0.663	-0.634	-0.625	-0.615	-0.590
6151	61.50	-0.548	-0.497	-0.452	-0.425	-0.417	-0.421	-0.425	-0.419	-0.397	-0.366
6161	61.60	-0.327	-0.297	-0.278	-0.267	-0.260	-0.248	-0.227	-0.200	-0.171	-0.145
6171	61.70	-0.126	-0.112	-0.099	-0.084	-0.064	-0.039	-0.014	0.009	0.028	0.044
6181	61.80	0.059	0.078	0.100	0.124	0.149	0.172	0.193	0.211	0.230	0.250
6191	61.90	0.272	0.294	0.315	0.334	0.354	0.375	0.398	0.421	0.443	0.461
6201	62.00	0.475	0.489	0.508	0.536	0.572	0.608	0.632	0.626	0.582	0.496
6211	62.10	0.381	0.255	0.141	0.053	-0.004	-0.041	-0.074	-0.122	-0.191	-0.279
6221	62.20	-0.373	-0.457	-0.520	-0.562	-0.597	-0.641	-0.710	-0.806	-0.917	-1.019
6231	62.30	-1.084	-1.092	-1.037	-0.929	-0.793	-0.655	-0.537	-0.448	-0.387	-0.363
6241	62.40	-0.301	-0.252	-0.191	-0.119	-0.041	0.037	0.112	0.181	0.239	0.286
6251	62.50	0.321	0.343	0.356	0.368	0.383	0.407	0.440	0.478	0.515	0.546
6261	62.60	0.570	0.592	0.618	0.653	0.696	0.740	0.773	0.782	0.761	0.711
6271	62.70	0.643	0.572	0.510	0.466	0.438	0.420	0.403	0.379	0.346	0.306
6281	62.80	0.265	0.227	0.194	0.164	0.137	0.108	0.077	0.044	0.008	-0.028
6291	62.90	-0.063	-0.097	-0.130	-0.160	-0.189	-0.219	-0.250	-0.286	-0.326	-0.363
6301	63.00	-0.399	-0.429	-0.454	-0.478	-0.509	-0.554	-0.617	-0.691	-0.767	-0.830
6311	63.10	-0.875	-0.904	-0.931	-0.972	-1.038	-1.126	-1.217	-1.280	-1.288	-1.226
6321	63.20	-1.102	-0.942	-0.783	-0.653	-0.564	-0.507	-0.462	-0.408	-0.336	-0.244
6331	63.30	-0.151	-0.069	0.001	0.071	0.163	0.291	0.459	0.647	0.821	0.971
6341	63.40	1.071	1.142	1.216	1.329	1.496	1.702	1.902	2.041	2.073	1.980
6351	63.50	1.784	1.534	1.286	1.084	0.945	0.854	0.783	0.704	0.603	0.486
6361	63.60	0.371	0.281	0.225	0.200	0.188	0.170	0.134	0.077	0.005	-0.071
6371	63.70	-0.143	-0.208	-0.267	-0.320	-0.367	-0.399	-0.410	-0.395	-0.356	-0.305
6381	63.80	-0.257	-0.223	-0.209	-0.212	-0.223	-0.230	-0.226	-0.210	-0.187	-0.164
6391	63.90	-0.146	-0.137	-0.134	-0.135	-0.133	-0.126	-0.112	-0.089	-0.058	-0.021
6401	64.00	0.021	0.064	0.103	0.136	0.164	0.189	0.215	0.247	0.285	0.325
6411	64.10	0.362	0.391	0.411	0.429	0.451	0.487	0.538	0.598	0.651	0.679
6421	64.20	0.683	0.598	0.486	0.343	0.192	0.051	-0.066	-0.154	-0.221	-0.278
6431	64.30	-0.337	-0.406	-0.489	-0.579	-0.669	-0.750	-0.816	-0.869	-0.916	-0.967
6441	64.40	-1.036	-1.123	-1.229	-1.339	-1.435	-1.495	-1.503	-1.457	-1.364	-1.262
6451	64.50	-1.112	-0.995	-0.903	-0.837	-0.791	-0.754	-0.715	-0.666	-0.605	-0.532
6461	64.60	-0.454	-0.374	-0.298	-0.226	-0.157	-0.088	-0.013	0.068	0.155	0.244
6471	64.70	0.328	0.403	0.467	0.526	0.586	0.658	0.744	0.842	0.941	1.028
6481	64.80	1.093	1.139	1.179	1.234	1.320	1.442	1.583	1.707	1.774	1.752
6491	64.90	1.627	1.414	1.150	0.876	0.630	0.429	0.270	0.140	0.019	-0.098

Table 7—38—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1131 503-GR-1-56 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.207	-0.294	-0.345	-0.356	-0.338	-0.313	-0.306	-0.332	-0.394	-0.477
6511	65.10	-0.562	-0.627	-0.665	-0.681	-0.689	-0.707	-0.748	-0.813	-0.892	-0.968
6521	65.20	-1.026	-1.053	-1.046	-1.010	-0.953	-0.886	-0.818	-0.755	-0.701	-0.657
6531	65.30	-0.622	-0.596	-0.568	-0.542	-0.510	-0.472	-0.427	-0.381	-0.336	-0.296
6541	65.40	-0.263	-0.236	-0.209	-0.179	-0.141	-0.095	-0.044	0.006	0.047	0.076
6551	65.50	0.089	0.088	0.077	0.061	0.044	0.028	0.013	0.000	-0.010	-0.014
6561	65.60	-0.010	0.008	0.039	0.082	0.134	0.188	0.239	0.285	0.325	0.360
6571	65.70	0.393	0.423	0.453	0.483	0.515	0.554	0.600	0.653	0.704	0.742
6581	65.80	0.752	0.724	0.658	0.566	0.466	0.375	0.313	0.278	0.262	0.246
6591	65.90	0.213	0.156	0.082	0.007	-0.047	-0.066	-0.044	0.008	0.075	0.137
6601	66.00	0.183	0.210	0.225	0.236	0.250	0.271	0.295	0.321	0.344	0.367
6611	66.10	0.392	0.419	0.448	0.471	0.481	0.471	0.440	0.394	0.343	0.299
6621	66.20	0.267	0.249	0.240	0.232	0.218	0.195	0.166	0.136	0.110	0.089
6631	66.30	0.073	0.058	0.040	0.018	-0.008	-0.034	-0.058	-0.078	-0.097	-0.116
6641	66.40	-0.138	-0.162	-0.186	-0.206	-0.220	-0.225	-0.224	-0.220	-0.218	-0.221
6651	66.50	-0.231	-0.245	-0.260	-0.272	-0.280	-0.284	-0.286	-0.290	-0.298	-0.309
6661	66.60	-0.323	-0.336	-0.345	-0.351	-0.354	-0.357	-0.364	-0.374	-0.388	-0.402
6671	66.70	-0.414	-0.422	-0.425	-0.426	-0.428	-0.435	-0.450	-0.470	-0.493	-0.510
6681	66.80	-0.514	-0.496	-0.452	-0.382	-0.291	-0.190	-0.093	-0.010	0.053	0.097
6691	66.90	0.132	0.168	0.218	0.286	0.367	0.450	0.522	0.576	0.611	0.640
6701	67.00	0.679	0.743	0.833	0.938	1.034	1.090	1.087	1.018	0.895	0.742
6711	67.10	0.589	0.458	0.359	0.285	0.223	0.158	0.086	0.008	-0.064	-0.119
6721	67.20	-0.149	-0.158	-0.156	-0.155	-0.166	-0.195	-0.237	-0.285	-0.332	-0.372
6731	67.30	-0.404	-0.428	-0.448	-0.462	-0.468	-0.465	-0.451	-0.429	-0.403	-0.381
6741	67.40	-0.368	-0.365	-0.372	-0.381	-0.387	-0.384	-0.373	-0.356	-0.339	-0.328
6751	67.50	-0.328	-0.335	-0.346	-0.352	-0.346	-0.323	-0.284	-0.234	-0.180	-0.129
6761	67.60	-0.085	-0.068	-0.015	0.018	0.055	0.095	0.135	0.172	0.205	0.235
6771	67.70	0.267	0.303	0.346	0.393	0.437	0.474	0.501	0.523	0.547	0.583
6781	67.80	0.635	0.698	0.757	0.796	0.798	0.757	0.679	0.579	0.478	0.392
6791	67.90	0.329	0.286	0.253	0.218	0.174	0.122	0.065	0.009	-0.042	-0.091
6801	68.00	-0.139	-0.191	-0.246	-0.298	-0.339	-0.363	-0.369	-0.360	-0.347	-0.340
6811	68.10	-0.345	-0.363	-0.388	-0.412	-0.431	-0.441	-0.447	-0.455	-0.464	-0.480
6821	68.20	-0.498	-0.515	-0.529	-0.539	-0.548	-0.559	-0.573	-0.591	-0.607	-0.619
6831	68.30	-0.626	-0.631	-0.641	-0.660	-0.687	-0.716	-0.732	-0.721	-0.671	-0.584
6841	68.40	-0.469	-0.346	-0.234	-0.146	-0.085	-0.041	0.001	0.054	0.124	0.207
6851	68.50	0.290	0.362	0.414	0.449	0.478	0.517	0.575	0.652	0.739	0.819
6861	68.60	0.879	0.916	0.960	0.971	1.026	1.113	1.222	1.326	1.392	1.390
6871	68.70	1.310	1.163	0.978	0.794	0.640	0.531	0.458	0.401	0.336	0.268
6881	68.80	0.138	0.019	-0.089	-0.170	-0.218	-0.241	-0.256	-0.272	-0.303	-0.349
6891	68.90	-0.403	-0.457	-0.508	-0.554	-0.599	-0.646	-0.695	-0.743	-0.786	-0.826
6901	69.00	-0.862	-0.906	-0.962	-1.029	-1.096	-1.146	-1.162	-1.132	-1.061	-0.964
6911	69.10	-0.862	-0.777	-0.718	-0.683	-0.661	-0.636	-0.600	-0.551	-0.494	-0.441
6921	69.20	-0.394	-0.355	-0.316	-0.269	-0.209	-0.139	-0.066	0.002	0.061	0.111
6931	69.30	0.159	0.212	0.272	0.338	0.403	0.461	0.510	0.555	0.606	0.671
6941	69.40	0.748	0.827	0.891	0.923	0.912	0.862	0.788	0.711	0.649	0.612
6951	69.50	0.598	0.595	0.591	0.575	0.566	0.510	0.475	0.446	0.426	0.410
6961	69.60	0.394	0.373	0.346	0.317	0.288	0.263	0.241	0.221	0.200	0.178
6971	69.70	0.153	0.127	0.103	0.080	0.057	0.034	0.010	-0.015	-0.040	-0.062
6981	69.80	-0.084	-0.105	-0.129	-0.155	-0.183	-0.210	-0.234	-0.254	-0.270	-0.289
6991	69.90	-0.313	-0.345	-0.382	-0.417	-0.441	-0.447	-0.431	-0.396	-0.350	-0.303

Table 7—38—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1131 503-GR-1-55 U-D (U-D) KANNONZAKI MAX. ACC. = 22.259 (GAL) T= 13.18 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	-0.263	-0.233	-0.213	-0.200	-0.188	-0.173	-0.153	-0.129	-0.104	-0.078
7011	70.10	-0.055	-0.035	-0.017	-0.001	0.017	0.036	0.058	0.083	0.109	0.133
7021	70.20	0.152	0.165	0.171	0.172	0.171	0.169	0.170	0.173	0.179	0.185
7031	70.30	0.192	0.198	0.205	0.211	0.215	0.219	0.222	0.225	0.229	0.236
7041	70.40	0.244	0.251	0.257	0.258	0.258	0.257	0.261	0.270	0.286	0.306
7051	70.50	0.326	0.342	0.355	0.365	0.377	0.392	0.411	0.429	0.443	0.450
7061	70.60	0.456	0.459	0.471	0.493	0.521	0.548	0.561	0.554	0.523	0.477
7071	70.70	0.425	0.377	0.338	0.307	0.279	0.251	0.219	0.187	0.158	0.134
7081	70.80	0.112	0.088	0.057	0.016	-0.027	-0.066	-0.095	-0.110	-0.121	-0.139
7091	70.90	-0.173	-0.224	-0.281	-0.330	-0.357	-0.358	-0.339	-0.316	-0.304	-0.308
7101	71.00	-0.322	-0.333	-0.329	-0.309	-0.283	-0.267	-0.276	-0.303	-0.340	-0.362
7111	71.10	-0.355	-0.320	-0.276	-0.248	-0.257	-0.301	-0.359	-0.397	-0.392	-0.342
7121	71.20	-0.271	-0.219	-0.219	-0.281	-0.386	-0.500	-0.595	-0.663	-0.726	-0.811
7131	71.30	-0.946	-1.121	-1.298	-1.427	-1.477	-1.460	-1.428	-1.453	-1.585	-1.817
7141	71.40	-2.085	-2.287	-2.350	-2.256	-2.069	-1.901	-1.851	-1.943	-2.098	-2.153
7151	71.50	-1.936	-1.355	-0.456	0.574	1.473	2.007				

Table 7—39—1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1132 S03-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	11.408	8.847	3.704	-2.301	-7.100	-9.122	-7.918	-4.290	0.115	3.536
11	0.10	4.825	3.842	1.387	-1.258	-2.941	-3.111	-1.982	-0.352	0.809	0.783
21	0.20	-0.604	-2.932	-5.346	-6.865	-6.717	-4.613	-0.877	3.604	7.619	10.911
31	0.30	10.081	7.862	3.133	0.126	-2.984	-4.587	-4.902	-4.815	-5.353	-7.020
41	0.40	-9.354	-10.990	-10.273	-6.173	0.946	9.155	15.359	17.474	13.681	5.129
51	0.50	-5.285	-13.836	-17.518	-15.305	-8.555	-0.335	5.991	8.260	6.380	2.192
61	0.60	-1.590	-2.783	-0.801	3.128	6.679	7.670	5.188	0.046	-5.643	-9.526
71	0.70	-10.161	-7.587	-3.388	0.312	1.815	0.662	-2.212	-5.002	-5.929	-4.081
81	0.80	0.196	5.488	9.948	12.051	11.146	7.593	2.513	-2.695	-6.823	-9.155
91	0.90	-9.536	-8.260	-5.890	-3.080	-0.450	1.500	2.453	2.338	1.353	-0.059
101	1.00	-1.307	-1.812	-1.181	0.651	3.355	6.257	8.480	9.175	7.784	4.266
111	1.10	-0.792	-6.229	-10.598	-12.595	-11.517	-7.587	-1.957	3.630	7.449	6.447
121	1.20	6.652	3.168	-0.295	-2.146	-1.610	0.939	4.155	6.335	6.196	3.465
131	1.30	-1.001	-5.592	-8.653	-9.191	-7.253	-3.827	-0.349	1.950	2.528	1.661
141	1.40	0.182	-0.981	-1.244	-0.546	0.748	2.159	3.389	4.449	5.544	6.810
151	1.50	8.076	8.811	8.316	6.077	2.111	-2.909	-7.812	-11.343	-12.629	-11.505
161	1.60	-8.541	-4.758	-1.194	1.498	3.208	4.251	5.044	5.767	6.213	5.897
171	1.70	4.379	1.627	-1.806	-4.885	-6.510	-5.991	-3.411	0.350	3.960	6.199
181	1.80	6.484	5.108	3.061	1.522	1.264	2.263	3.709	4.420	3.460	0.657
191	1.90	-5.241	-6.868	-8.852	-8.456	-5.937	-2.446	0.489	1.661	0.722	-1.670
201	2.00	-4.170	-5.373	-4.451	-1.524	2.412	5.924	7.760	7.353	5.011	1.724
211	2.10	-1.276	-3.013	-3.100	-1.794	0.206	2.103	3.309	3.614	3.157	2.268
221	2.20	1.278	0.387	-0.367	-1.042	-1.700	-2.340	-2.898	-3.299	-3.513	-3.588
231	2.30	-3.608	-3.620	-3.566	-3.272	-2.522	-1.188	0.642	2.619	4.221	4.950
241	2.40	4.560	3.205	1.411	-0.137	-0.911	-0.805	-0.268	0.172	-0.313	-1.865
251	2.50	-4.044	-5.884	-6.314	-4.696	-1.215	3.091	6.711	8.311	7.359	4.310
261	2.60	0.600	-2.160	-2.820	-1.219	1.778	4.718	6.266	5.821	3.750	1.128
271	2.70	-0.862	-1.442	-0.752	0.475	1.298	1.143	0.132	-1.005	-1.361	-0.411
281	2.80	1.633	3.866	5.118	4.554	2.127	-1.351	-4.558	-6.274	-5.931	-3.867
291	2.90	-1.136	0.990	1.609	0.561	-1.542	-3.645	-4.745	-4.332	-2.580	-0.236
301	3.00	1.715	2.454	1.639	-0.493	-3.228	-5.636	-6.884	-6.501	-4.527	-1.499
311	3.10	1.713	4.183	5.232	4.658	2.811	0.463	-1.493	-2.386	-2.032	-0.792
321	3.20	0.609	1.415	1.185	-0.016	-1.668	-3.057	-3.613	-3.173	-2.030	-0.753
331	3.30	0.106	0.305	0.001	-0.332	-0.161	0.822	2.540	4.550	6.232	7.047
341	3.40	6.757	5.503	3.729	1.995	0.768	0.262	0.389	0.814	1.099	0.872
351	3.50	-0.029	-1.476	-3.084	-4.337	-4.780	-4.208	-2.772	-0.950	0.634	1.459
361	3.60	1.336	0.487	-0.553	-1.197	-1.096	-0.311	0.708	1.363	1.224	0.285
371	3.70	-0.992	-1.875	-1.707	-0.241	2.217	4.902	6.909	7.546	6.594	4.338
381	3.80	1.397	-1.548	-3.994	-5.718	-6.726	-7.126	-7.014	-6.433	-5.411	-4.029
391	3.90	-2.441	-0.837	0.630	1.893	2.943	3.745	4.155	3.915	2.777	0.697
401	4.00	-2.009	-4.654	-6.387	-6.537	-4.939	-2.065	1.127	3.588	4.617	4.562
411	4.10	2.681	1.019	-0.227	-0.902	-1.311	-1.916	-2.920	-4.006	-4.617	-3.376
421	4.20	-0.632	3.190	6.686	8.236	6.801	2.545	-3.068	-7.812	-9.668	-7.772
431	4.30	-2.867	2.984	7.320	8.411	6.045	1.592	-2.684	-4.726	-3.666	-0.088
441	4.40	4.190	7.249	7.939	6.398	3.831	1.729	0.976	1.343	1.670	0.639
451	4.50	-2.309	-6.437	-9.913	-10.696	-7.677	-1.455	5.710	10.818	11.518	7.294
461	4.60	-0.173	-7.685	-11.963	-11.164	-5.734	1.805	8.054	10.323	7.856	2.095
471	4.70	-4.098	-7.865	-7.692	-4.033	1.053	5.020	6.093	4.046	0.144	-3.650
481	4.80	-5.728	-5.586	-3.896	-1.960	-0.784	-0.681	-1.048	-0.984	0.015	1.609
491	4.90	2.728	2.228	-0.309	-4.110	-7.403	-8.242	-5.536	0.250	7.151	12.530

Table 7—39—2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1132 S03-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	14.286	11.841	6.405	0.368	-3.853	-4.938	-3.183	-0.177	2.142	2.568
511	5.10	1.119	-0.924	-2.009	-1.181	1.314	4.139	5.597	4.576	1.177	-3.322
521	5.20	-7.137	-8.895	-8.311	-6.239	-4.104	-3.038	-3.230	-3.845	-3.575	-1.486
531	5.30	2.315	6.595	9.564	9.810	7.093	2.556	-1.774	-3.971	-3.164	0.032
541	5.40	3.846	6.215	5.855	2.881	-1.265	-4.555	-5.388	-3.385	0.443	4.203
551	5.50	6.037	5.012	1.525	-2.907	-6.376	-7.425	-5.667	-1.863	2.430	5.784
561	5.60	7.029	6.071	3.572	0.627	-1.705	-2.766	-2.440	-1.097	0.623	2.064
571	5.70	2.637	2.145	0.636	-1.511	-3.678	-5.159	-5.373	-4.080	-1.528	1.567
581	5.80	4.219	5.513	4.959	2.709	-0.461	-3.429	-5.146	-5.037	-3.219	-0.430
591	5.90	2.279	3.969	4.161	2.984	1.059	-0.804	-1.944	-2.085	-1.377	-0.254
601	6.00	0.806	1.478	1.677	1.504	1.113	0.605	-0.013	-0.751	-1.541	-2.181
611	6.10	-2.385	-1.932	-0.838	0.568	1.723	2.065	1.310	-0.365	-2.347	-3.836
621	6.20	-4.210	-3.325	-1.583	0.265	1.505	1.829	1.479	1.088	1.275	2.227
631	6.30	3.501	4.194	3.414	0.831	-2.998	-6.755	-8.894	-8.383	-5.252	-0.671
641	6.40	3.527	5.679	5.071	2.292	-1.058	-3.147	-2.826	-0.211	3.374	6.047
651	6.50	6.321	3.862	-0.326	-4.381	-6.487	-5.765	-2.689	1.160	3.877	4.155
661	6.60	1.892	-1.793	-5.134	-6.566	-5.435	-2.236	1.689	4.811	6.075	5.274
671	6.70	2.977	0.144	-2.355	-4.046	-4.876	-5.018	-4.632	-3.741	-2.311	-0.434
681	6.80	1.544	3.063	3.588	2.914	1.342	-0.396	-1.476	-1.407	-0.324	1.041
691	6.90	1.721	1.034	-0.996	-3.569	-5.431	-5.464	-3.246	0.692	5.051	8.315
701	7.00	9.394	8.069	5.029	1.506	-1.296	-2.689	-2.699	-1.889	-0.957	-0.333
711	7.10	0.001	0.392	1.185	2.388	3.535	3.858	2.682	-0.139	-4.000	-7.653
721	7.20	-9.652	-8.931	-5.284	0.485	8.801	11.864	14.265	13.429	9.757	4.378
731	7.30	-1.288	-5.993	-8.975	-10.021	-9.323	-7.260	-4.229	-0.598	3.218	6.673
741	7.40	9.103	9.875	8.644	5.575	1.400	-2.771	-5.852	-7.211	-6.949	-5.846
751	7.50	-4.991	-5.231	-6.712	-8.735	-10.035	-9.373	-6.175	-0.906	5.022	9.786
761	7.60	11.914	10.909	7.452	3.092	-0.453	-2.022	-1.459	0.432	2.372	3.271
771	7.70	2.739	1.214	-0.348	-1.007	-0.338	1.383	3.353	4.678	4.811	3.768
781	7.80	2.035	0.242	-1.180	-2.183	-3.015	-3.960	-5.071	-6.075	-6.503	-5.983
791	7.90	-4.503	-2.486	-0.616	0.491	0.594	-0.064	-0.910	-1.370	-1.193	-0.580
801	8.00	-0.049	-0.110	-0.918	-2.115	-2.938	-2.565	-0.513	3.075	7.416	11.315
811	8.10	13.554	13.299	10.337	5.156	-1.172	-7.240	-11.633	-13.281	-11.778	-7.566
821	8.20	-1.913	3.407	6.667	6.831	4.018	-0.455	-4.533	-6.271	-6.708	-0.376
831	8.30	4.853	8.558	8.881	5.445	-0.387	-6.066	-9.007	-7.807	-2.941	3.402
841	8.40	8.298	9.412	6.059	-0.502	-7.652	-12.596	-13.555	-10.433	-4.695	1.420
851	8.50	5.918	7.812	7.296	5.361	3.148	1.392	0.255	-0.458	-0.909	-0.970
861	8.60	-0.271	1.471	4.070	6.723	8.232	7.537	4.295	-0.821	-6.292	-10.332
871	8.70	-11.631	-9.897	-5.944	-1.306	2.440	4.315	4.249	2.979	1.601	1.031
881	8.80	1.618	3.056	4.578	5.321	4.484	2.555	-0.663	-4.058	-6.639	-7.412
891	8.90	-5.777	-1.749	3.923	9.844	14.309	15.817	13.618	8.068	0.620	-6.603
901	9.00	-11.515	-12.798	-10.357	-5.320	0.426	4.936	6.887	5.933	2.676	-1.712
911	9.10	-5.947	-9.132	-10.711	-10.612	-8.988	-6.108	-2.329	1.844	5.723	8.512
921	9.20	9.506	8.364	5.297	1.078	-3.177	-6.376	-7.824	-7.445	-5.754	-3.635
931	9.30	-1.956	-1.260	-1.588	-2.523	-3.395	-3.527	-2.737	-0.961	1.292	3.374
941	9.40	4.698	4.948	4.176	2.725	1.041	-0.557	-2.013	-3.509	-5.273	-7.316
951	9.50	-9.256	-10.351	-9.780	-7.056	-2.360	3.362	8.706	12.333	13.526	12.461
961	9.60	10.064	7.482	5.476	4.047	2.533	0.142	-3.370	-7.289	-10.097	-10.183
971	9.70	-6.786	-0.651	6.012	10.357	10.181	5.047	-3.360	-11.742	-16.749	-16.264
981	9.80	-10.401	-1.374	7.561	13.592	15.469	13.838	10.585	7.666	6.060	5.394
991	9.90	4.408	1.929	-2.235	-7.005	-10.535	-11.207	-8.563	-3.617	1.628	5.225

Table 7--39—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	6.289	5.422	4.301	4.651	7.167	10.990	14.037	14.061	9.872	2.107
1011	10.10	-6.876	-13.936	-16.499	-13.645	-6.481	2.339	9.698	13.167	11.756	6.029
1021	10.20	-2.321	-11.178	-18.623	-23.287	-24.444	-21.969	-16.297	-8.412	0.208	7.791
1031	10.30	12.680	13.830	11.206	5.864	-0.373	-5.536	-8.191	-7.881	-5.159	-1.215
1041	10.40	2.691	5.732	7.715	8.942	9.829	10.520	10.706	9.743	7.024	2.418
1051	10.50	-3.435	-9.140	-12.906	-13.134	-9.039	-1.055	9.136	19.016	25.984	28.162
1061	10.60	25.019	17.533	7.840	-1.535	-8.344	-12.266	-13.070	-12.288	-11.513	-11.918
1071	10.70	-13.840	-16.797	-19.855	-22.103	-22.981	-22.339	-20.267	-16.880	-12.255	-6.569
1081	10.80	-0.188	6.070	11.360	15.132	17.550	19.521	22.232	26.332	31.216	34.904
1091	10.90	34.791	29.051	18.042	4.873	-5.377	-7.707	0.319	16.825	35.638	48.310
1101	11.00	47.458	30.009	-1.140	-37.904	-69.997	-88.854	-90.790	-78.036	-57.274	-36.466
1111	11.10	-21.489	-14.114	-12.111	-11.202	-7.718	-0.578	8.348	15.517	17.816	14.326
1121	11.20	6.832	-1.101	-5.913	-5.707	-0.938	6.134	12.821	17.422	19.899	21.540
1131	11.30	23.885	27.595	31.919	35.041	35.098	31.263	24.275	16.124	9.961	4.336
1141	11.40	1.696	-0.671	-5.086	-13.100	-24.459	-36.849	-46.578	-49.944	-44.741	-31.283
1151	11.50	-12.505	6.910	22.092	29.645	28.775	21.448	11.522	3.181	-0.491	0.476
1161	11.60	4.957	9.758	12.154	11.024	7.309	3.373	1.592	2.873	6.011	8.126
1171	11.70	6.186	-1.255	-13.006	-25.505	-34.364	-36.448	-31.421	-21.908	-12.135	-5.734
1181	11.80	-3.855	-4.646	-4.396	0.222	10.047	22.650	33.389	37.813	34.141	24.448
1191	11.90	13.828	7.875	9.766	18.468	29.082	35.183	32.016	18.895	-0.412	-19.487
1201	12.00	-32.307	-35.963	-31.693	-23.820	-17.279	-15.127	-17.335	-21.356	-24.149	-23.881
1211	12.10	-21.109	-18.005	-16.689	-17.587	-18.915	-17.660	-11.497	-0.490	12.514	23.125
1221	12.20	27.667	25.188	18.044	10.668	7.152	9.002	14.351	19.120	19.524	14.681
1231	12.30	6.519	0.547	1.060	9.296	21.956	32.344	33.500	21.780	-0.952	-27.732
1241	12.40	-49.369	-58.436	-52.429	-34.588	-12.065	7.547	19.548	23.703	23.410	23.106
1251	12.50	25.412	29.569	31.960	28.343	16.527	-1.981	-22.255	-38.019	-44.436	-40.255
1261	12.60	-28.267	-15.942	-2.071	1.005	-2.558	-9.558	-17.262	-21.658	-20.588	-13.835
1271	12.70	-4.497	5.046	12.353	15.988	15.733	12.487	7.981	4.377	3.727	7.299
1281	12.80	14.932	24.726	33.360	37.120	33.356	21.783	4.962	-12.397	-25.149	-29.767
1291	12.90	-25.813	-16.121	-5.546	1.192	1.578	-3.662	-11.021	-15.952	-15.042	-7.595
1301	13.00	4.071	15.714	23.063	23.623	17.574	7.438	-3.218	-11.376	-15.693	-16.728
1311	13.10	-16.276	-16.231	-17.587	-19.997	-22.065	-22.117	-19.083	-13.057	-5.322	2.131
1321	13.20	7.384	9.349	8.220	5.443	3.213	3.627	7.795	15.227	23.790	30.352
1331	13.30	31.956	27.115	16.730	4.073	-6.212	-9.884	-4.933	7.318	22.405	34.266
1341	13.40	37.557	29.815	12.515	-9.440	-29.614	-42.502	-45.495	-39.560	-28.397	-16.575
1351	13.50	-7.558	-2.490	-0.233	1.545	4.863	10.292	16.715	21.902	24.039	21.892
1361	13.60	15.966	7.263	-0.880	-8.174	-14.171	-17.616	-18.608	-16.903	-12.365	-5.380
1371	13.70	2.790	10.060	14.121	13.391	7.861	-0.640	-9.009	-14.073	-13.917	-8.714
1381	13.80	-0.655	7.009	11.362	11.019	6.602	0.310	-5.131	-7.630	-6.473	-2.375
1391	13.90	3.073	8.196	11.862	13.700	13.890	12.777	10.575	7.323	3.079	-1.841
1401	14.00	-6.772	-10.860	-13.398	-14.143	-13.417	-11.919	-10.333	-8.951	-7.512	-5.371
1411	14.10	-1.913	2.991	8.723	14.005	17.322	17.501	14.217	8.191	1.000	-5.439
1421	14.20	-9.523	-10.498	-8.679	-5.274	-1.869	0.223	0.487	-0.590	-1.761	-1.592
1431	14.30	0.850	5.498	11.214	16.188	18.655	17.604	13.169	6.506	-0.759	-7.232
1441	14.40	-12.262	-15.985	-18.936	-21.455	-23.282	-23.598	-21.532	-16.869	-10.511	-4.379
1451	14.50	-0.881	-0.877	-4.848	-10.744	-15.649	-16.819	-12.900	-4.542	5.896	15.604
1461	14.60	21.627	23.768	22.685	20.185	17.950	16.683	15.911	14.505	11.565	7.117
1471	14.70	2.223	-1.574	-3.141	-2.450	-0.661	0.457	-0.511	-3.852	-8.535	-12.723
1481	14.80	-14.692	-13.656	-10.037	-5.097	-0.163	4.066	7.704	11.275	14.981	18.129
1491	14.90	19.127	16.149	8.153	-4.280	-18.767	-31.776	-39.833	-40.754	-34.357	-22.373

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-7.698	6.613	18.138	25.410	27.803	25.273	18.228	7.636	-4.784	-16.583
1511	15.10	-25.039	-27.994	-24.733	-16.440	-5.892	3.577	9.420	10.903	9.309	7.154
1521	15.20	6.965	9.837	15.133	20.691	24.059	23.749	19.956	14.390	9.333	6.447
1531	15.30	5.973	6.736	6.900	5.056	1.006	-4.156	-8.695	-11.235	-11.542	-10.661
1541	15.40	-10.215	-11.614	-15.018	-19.235	-22.232	-22.144	-18.240	-11.342	-3.506	2.863
1551	15.50	6.031	5.602	2.518	-1.460	-4.569	-5.687	-4.570	-1.647	2.402	7.002
1561	15.60	11.772	16.348	20.237	22.529	22.290	18.880	12.415	3.992	-4.691	-11.487
1571	15.70	-14.885	-14.326	-10.405	-4.606	1.253	5.620	7.620	7.175	4.829	1.432
1581	15.80	-2.169	-5.323	-7.618	-8.831	-8.865	-7.728	-5.558	-2.672	0.424	3.087
1591	15.90	4.677	4.727	3.108	0.123	-3.529	-6.908	-9.103	-9.523	-8.113	-5.398
1601	16.00	-2.308	0.173	1.415	1.421	0.866	0.705	1.876	4.624	8.369	11.869
1611	16.10	13.643	12.831	9.469	4.657	0.100	-2.630	-2.817	-0.934	1.570	2.968
1621	16.20	2.105	-1.008	-5.150	-8.427	-9.165	-6.706	-1.762	3.873	8.094	9.394
1631	16.30	7.478	5.332	-1.276	-4.579	-5.518	-4.055	-0.996	2.535	5.641	7.983
1641	16.40	9.706	11.084	12.114	12.326	10.939	7.315	1.467	-5.661	-12.329	-16.563
1651	16.50	-16.904	-13.064	-6.158	1.557	7.627	9.920	7.752	1.956	-5.405	-11.770
1661	16.60	-15.023	-14.214	-9.837	-3.523	2.399	6.218	6.993	5.028	1.578	-1.742
1671	16.70	-3.637	-5.004	-2.037	0.085	1.810	1.915	0.867	-0.650	-1.981	-2.310
1681	16.80	-1.259	1.022	4.020	7.096	9.698	11.450	12.132	11.615	9.856	6.965
1691	16.90	3.304	-0.513	-3.764	-5.908	-6.869	-7.131	-7.538	-8.826	-11.102	-13.574
1701	17.00	-14.735	-13.005	-7.590	0.881	10.306	17.763	20.662	17.887	10.384	0.871
1711	17.10	-7.254	-11.337	-10.579	-6.315	-1.326	1.489	0.438	-4.247	-10.638	-16.126
1721	17.20	-18.685	-17.766	-14.393	-10.460	-7.654	-6.566	-6.471	-5.852	-3.342	1.431
1731	17.30	7.577	13.390	17.241	18.633	17.525	15.957	15.188	15.812	17.210	17.833
1741	17.40	16.151	11.599	5.089	-1.264	-5.085	-4.916	-1.012	4.652	9.203	10.137
1751	17.50	6.436	-0.985	-9.717	-16.924	-20.557	-20.124	-16.723	-12.364	-8.972	-7.561
1761	17.60	-7.947	-9.065	-9.873	-9.038	-7.257	-5.088	-3.429	-2.742	-2.758	-2.542
1771	17.70	-1.043	2.350	7.465	13.327	18.409	21.276	21.076	17.814	12.281	5.772
1781	17.80	-0.660	-5.761	-9.343	-11.391	-12.243	-12.320	-11.979	-11.448	-10.826	-10.116
1791	17.90	-9.239	-8.050	-6.356	-3.988	-0.910	2.667	6.210	8.930	9.978	8.755
1801	18.00	5.220	0.065	-5.357	-9.370	-10.501	-8.010	-2.221	5.507	13.175	18.787
1811	18.10	21.006	19.564	15.276	9.671	4.393	0.644	-1.133	-1.219	-0.311	0.879
1821	18.20	1.910	2.670	3.222	3.579	3.564	2.850	1.161	-1.508	-4.787	-8.037
1831	18.30	-10.600	-12.070	-12.614	-11.871	-10.706	-8.960	-6.393	-2.673	2.266	7.921
1841	18.40	13.172	16.584	16.970	13.960	8.165	1.194	-5.116	-9.292	-10.727	-9.745
1851	18.50	-7.267	-4.154	-0.993	2.179	5.474	8.731	11.242	11.884	9.665	6.282
1861	18.60	-3.266	-11.010	-16.594	-18.262	-15.666	-9.962	-3.500	1.369	3.212	2.083
1871	18.70	-0.446	-3.037	-3.573	-1.609	1.568	5.159	7.840	9.162	9.554	9.887
1881	18.80	10.759	11.995	12.592	11.211	6.962	0.047	-6.095	-15.259	-19.353	-19.276
1891	18.90	-15.579	-9.300	-3.260	0.844	2.136	0.965	-1.422	-3.532	-4.289	-3.618
1901	19.00	-1.628	0.728	2.126	2.260	1.159	-0.693	-2.002	-2.559	-1.688	0.665
1911	19.10	4.124	7.997	11.676	13.874	14.831	14.614	13.057	11.352	9.766	8.415
1921	19.20	7.017	5.054	2.087	-1.942	-6.576	-10.969	-14.222	-15.784	-15.579	-14.163
1931	19.30	-12.235	-10.363	-8.717	-7.086	-5.152	-2.839	-0.521	1.068	1.204	-0.375
1941	19.40	-3.191	-6.124	-7.874	-7.584	-5.292	-1.977	0.879	1.993	0.929	-1.669
1951	19.50	-4.350	-5.566	-4.308	-0.759	3.979	8.307	10.869	11.107	9.390	6.710
1961	19.60	4.116	2.217	0.979	-0.693	-1.545	-3.569	-5.842	-7.666	-8.326	-7.449
1971	19.70	-5.167	-2.023	1.311	4.337	6.874	8.999	10.864	12.399	13.450	13.692
1981	19.80	12.938	11.288	9.145	7.055	5.460	4.507	4.010	3.597	2.938	1.929
1991	19.90	0.717	-0.428	-1.312	-1.955	-2.577	-3.438	-4.638	-6.005	-7.166	-7.761

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-7.686	-7.201	-6.831	-7.078	-8.105	-9.571	-10.724	-10.749	-9.173	-6.137
2011	20.10	-2.380	1.081	3.406	4.303	4.126	3.658	3.708	4.724	6.529	8.942
2021	20.20	11.080	12.666	13.645	14.192	14.436	14.250	13.239	10.959	7.264	2.550
2031	20.30	-2.275	-6.128	-8.247	-8.583	-7.865	-7.156	-7.441	-8.896	-10.804	-11.852
2041	20.40	-10.816	-7.270	-1.954	3.420	6.876	7.065	5.912	-1.302	-6.477	-9.595
2051	20.50	-9.558	-6.576	-1.927	2.725	6.144	8.003	8.852	9.597	10.830	12.360
2061	20.60	13.235	12.235	8.593	2.552	-4.544	-10.695	-14.044	-13.649	-9.888	-4.313
2071	20.70	0.978	4.158	4.329	1.759	-2.356	-6.449	-9.227	-10.078	-9.177	-7.253
2081	20.80	-5.184	-3.612	-2.725	-2.268	-1.747	-0.727	0.916	2.870	4.475	4.932
2091	20.90	3.633	0.439	-4.169	-9.166	-13.256	-15.273	-14.554	-11.148	-5.777	0.434
2101	21.00	6.332	11.058	14.157	15.213	15.740	14.500	12.058	8.610	4.552	0.569
2111	21.10	-2.481	-3.883	-3.424	-1.605	0.469	1.522	0.695	-1.997	-5.593	-8.576
2121	21.20	-9.567	-8.005	-4.459	-0.405	2.446	2.955	1.088	-2.081	-4.914	-6.016
2131	21.30	-4.907	-2.215	0.686	2.401	2.242	0.531	-1.598	-2.826	-2.336	-0.216
2141	21.40	2.638	5.025	6.070	5.640	4.316	2.982	2.264	2.159	2.056	1.154
2151	21.50	-0.984	-4.056	-7.042	-8.665	-8.026	-5.112	-0.887	5.087	5.323	5.047
2161	21.60	2.502	-1.217	-4.687	-6.775	-7.060	-5.874	-4.014	-2.293	-1.180	-0.683
2171	21.70	-0.486	-0.216	0.347	1.208	2.265	3.444	4.876	6.625	8.707	10.822
2181	21.80	12.355	12.558	10.879	7.271	2.310	-2.940	-7.302	-9.906	-10.483	-9.387
2191	21.90	-7.365	-5.180	-3.299	-1.777	-0.382	1.142	2.817	4.340	5.196	4.917
2201	22.00	3.344	0.746	-2.269	-4.992	-6.894	-7.793	-7.837	-7.328	-6.497	-5.356
2211	22.10	-3.218	-1.370	1.699	5.156	8.349	10.515	11.081	9.903	7.337	4.101
2221	22.20	0.998	-1.380	-2.809	-3.416	-3.455	-3.281	-2.810	-1.931	-0.469	1.578
2231	22.30	3.911	5.972	7.139	6.991	5.494	3.023	0.205	-2.368	-4.258	-5.664
2241	22.40	-6.114	-6.352	-6.143	-5.230	-3.292	-0.208	3.711	7.678	10.642	11.679
2251	22.50	10.394	7.155	3.005	-0.697	-2.782	-2.686	-0.618	2.592	5.865	8.277
2261	22.60	9.333	8.993	7.510	5.197	2.275	-1.117	-4.786	-8.332	-11.132	-12.482
2271	22.70	-11.885	-9.332	-5.416	-1.195	2.159	3.787	3.449	1.584	-0.905	-3.028
2281	22.80	-4.080	-3.845	-2.564	-0.723	1.218	3.015	4.672	6.322	8.059	9.814
2291	22.90	11.347	12.367	12.568	11.930	10.524	8.537	6.147	3.456	0.500	-2.677
2301	23.00	-5.940	-9.028	-11.602	-13.349	-14.103	-13.901	-12.960	-11.580	-10.013	-8.390
2311	23.10	-6.708	-4.894	-2.905	-0.798	1.262	3.052	4.382	5.166	5.443	5.343
2321	23.20	5.010	4.531	3.903	3.049	1.885	0.395	-1.311	-2.991	-4.309	-4.934
2331	23.30	-4.669	-3.446	-1.575	0.484	2.129	2.607	2.188	0.295	-2.468	-5.421
2341	23.40	-7.808	-9.045	-8.907	-7.594	-5.640	-3.694	-2.269	-1.558	-1.387	-1.325
2351	23.50	-0.905	0.153	1.809	3.718	5.378	6.350	6.427	5.708	4.516	3.225
2361	23.60	2.083	1.106	0.110	-1.146	-2.771	-4.602	-6.203	-7.012	-6.573	-4.773
2371	23.70	-1.955	1.158	3.679	4.894	4.520	2.809	0.447	-1.717	-2.999	-3.118
2381	23.80	-2.259	-0.933	0.279	0.950	1.140	0.958	0.792	0.890	1.277	1.775
2391	23.90	2.150	2.300	2.349	2.592	3.290	4.444	5.663	6.266	5.569	3.273
2401	24.00	-0.270	-4.057	-6.753	-7.228	-5.076	-0.874	3.955	7.665	8.866	7.093
2411	24.10	3.002	-1.888	-5.810	-7.438	-6.386	-3.275	0.574	3.758	5.245	6.682
2421	24.20	3.143	0.891	-1.088	-2.406	-3.144	-3.670	-4.333	-5.213	-6.044	-6.365
2431	24.30	-5.783	-4.215	-1.970	0.375	2.234	3.282	3.588	3.557	3.702	4.369
2441	24.40	5.546	6.861	7.751	7.732	6.651	4.622	2.378	0.338	-1.060	-1.694
2451	24.50	-1.899	-2.116	-2.766	-4.038	-5.806	-7.692	-9.218	-9.991	-9.816	-8.218
2461	24.60	-6.894	-4.600	-2.074	0.491	2.925	5.039	6.612	7.415	7.295	6.253
2471	24.70	4.499	2.430	0.545	-0.690	-0.971	-0.244	1.287	3.220	5.065	6.372
2481	24.80	6.832	6.344	5.015	3.123	1.036	-0.879	-2.338	-3.196	-3.453	-3.236
2491	24.90	-2.729	-2.115	-1.528	-1.041	-0.678	-0.440	-0.322	-0.311	-0.378	-0.462

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-0.482	-0.382	-0.175	0.016	-0.017	-0.496	-1.540	-3.069	-4.778	-6.210
2511	25.10	-6.915	-6.633	-5.414	-3.618	-1.786	-0.430	0.172	0.069	-0.406	-0.805
2521	25.20	-0.776	-0.205	0.759	1.824	2.736	3.430	4.075	4.976	6.390	8.336
2531	25.30	10.509	12.339	13.182	12.562	10.363	6.887	2.762	-1.259	-4.529	-6.674
2541	25.40	-7.643	-7.648	-7.025	-6.095	-5.069	-4.033	-2.992	-1.940	-0.922	-0.043
2551	25.50	0.563	0.792	0.629	0.171	-0.402	-0.885	-1.137	-1.135	-0.989	-0.901
2561	25.60	-1.071	-1.609	-2.471	-3.462	-4.309	-4.760	-4.693	-4.153	-3.331	-2.469
2571	25.70	-1.756	-1.249	-0.867	-0.452	0.140	0.953	1.916	2.883	3.713	4.367
2581	25.80	4.831	5.272	5.759	6.283	6.715	6.845	6.473	5.500	3.975	2.067
2591	25.90	-0.012	-2.090	-4.098	-6.049	-7.980	-9.875	-11.616	-12.994	-13.769	-13.753
2601	26.00	-12.866	-11.152	-8.754	-5.863	-2.694	0.520	3.520	6.022	7.755	8.561
2611	26.10	8.375	7.476	6.257	5.214	4.768	5.125	6.204	7.667	9.042	9.877
2621	26.20	9.874	8.953	7.238	4.996	2.558	0.252	-1.826	-2.847	-3.277	-2.915
2631	26.30	-1.924	-0.621	0.581	1.291	1.254	0.447	-0.922	-2.497	-3.903	-4.884
2641	26.40	-5.367	-5.445	-5.285	-5.013	-4.668	-4.100	-3.244	-2.023	-0.521	1.032
2651	26.50	2.327	3.097	3.212	2.737	1.898	1.003	0.324	0.014	0.064	0.319
2661	26.60	0.565	0.510	0.061	-0.815	-1.976	-3.140	-3.969	-4.065	-3.281	-1.609
2671	26.70	0.673	3.071	4.983	5.875	5.462	3.724	1.110	-1.754	-4.163	-5.442
2681	26.80	-5.306	-3.732	-1.046	2.196	5.345	7.805	9.148	9.192	8.011	5.906
2691	26.90	3.315	0.702	-1.554	-3.250	-4.386	-5.127	-5.711	-6.329	-7.037	-7.720
2701	27.00	-8.134	-7.999	-7.117	-5.451	-3.157	-0.539	2.031	4.204	5.725	6.466
2711	27.10	6.426	5.712	4.522	3.123	1.828	0.950	0.747	1.348	2.700	4.565
2721	27.20	6.464	7.963	8.596	8.068	6.328	3.562	0.159	-3.383	-6.571	-9.004
2731	27.30	-10.450	-10.857	-10.331	-9.085	-7.367	-5.603	-3.370	-1.405	0.372	1.819
2741	27.40	2.768	3.067	2.641	1.576	0.138	-1.252	-2.158	-2.225	-1.565	-0.289
2751	27.50	1.087	2.081	2.407	2.101	1.497	1.058	1.124	1.700	2.412	2.650
2761	27.60	1.862	-0.143	-3.025	-5.927	-8.017	-8.381	-6.857	-3.893	-0.432	2.458
2771	27.70	4.008	4.024	2.910	1.427	0.318	-0.032	0.261	0.684	0.623	-0.297
2781	27.80	-1.998	-3.958	-5.424	-5.744	-4.654	-2.399	0.356	2.778	4.168	4.184
2791	27.90	2.923	0.835	-1.461	-3.387	-4.559	-4.855	-4.384	-3.416	-2.282	-1.284
2801	28.00	-0.628	-0.379	-0.449	-0.619	-0.604	-0.166	0.893	2.457	4.296	6.034
2811	28.10	7.290	7.815	7.575	6.761	5.734	4.863	4.424	4.502	4.940	5.805
2821	28.20	6.090	6.215	5.898	5.199	4.287	3.360	2.581	2.020	1.664	1.333
2831	28.30	0.934	0.318	-0.546	-1.666	-2.830	-3.862	-4.575	-4.856	-4.699	-4.213
2841	28.40	-3.565	-2.929	-2.424	-2.091	-1.900	-1.782	-1.680	-1.565	-1.443	-1.328
2851	28.50	-1.221	-1.104	-0.955	-0.780	-0.645	-0.674	-1.013	-1.764	-2.912	-4.317
2861	28.60	-5.672	-6.624	-6.845	-6.138	-4.501	-2.165	0.567	3.098	5.063	6.021
2871	28.70	5.860	4.619	2.583	0.210	-1.969	-3.473	-3.991	-3.662	-2.074	-0.212
2881	28.80	1.675	3.195	4.113	4.382	4.106	3.458	2.598	1.627	0.592	-0.473
2891	28.90	-1.497	-2.358	-2.906	-3.024	-2.694	-2.026	-1.238	-0.583	-0.256	-0.326
2901	29.00	-0.711	-1.217	-1.617	-1.741	-1.536	-1.074	-0.519	-0.054	0.140	0.133
2911	29.10	-0.147	-0.537	-0.895	-1.099	-1.089	-0.868	-0.491	-0.021	0.506	1.076
2921	29.20	1.745	2.565	3.454	4.359	5.052	5.246	4.875	3.803	2.284	0.744
2931	29.30	-0.243	-0.292	0.792	2.805	5.200	7.217	8.252	7.784	5.921	3.058
2941	29.40	-0.141	-3.007	-5.070	-6.174	-6.468	-6.179	-5.655	-5.053	-4.415	-3.713
2951	29.50	-2.944	-2.194	-1.632	-1.428	-1.651	-2.195	-2.803	-3.161	-3.044	-2.428
2961	29.60	-1.510	-0.623	-0.080	-0.024	-0.351	-0.761	-0.893	-0.505	0.409	1.615
2971	29.70	2.746	3.479	3.690	3.506	3.236	3.206	3.588	4.304	5.064	5.506
2981	29.80	5.396	4.761	3.903	3.272	3.249	3.952	5.143	6.295	6.803	6.231
2991	29.90	4.498	1.928	-0.879	-3.270	-4.772	-5.242	-4.865	-4.017	-3.101	-2.319

Table 7—39—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-1.930	-1.707	-1.648	-1.774	-2.206	-3.088	-4.458	-6.150	-7.784	-8.875
3011	30.10	-9.027	-8.120	-6.402	-4.430	-2.879	-2.281	-2.816	-4.238	-5.973	-7.343
3021	30.20	-7.832	-7.270	-5.869	-4.104	-2.498	-1.398	-0.853	-0.623	-0.317	0.419
3031	30.30	1.743	3.554	5.546	7.348	8.664	9.386	9.589	9.459	9.178	8.833
3041	30.40	8.385	7.712	6.701	5.339	3.753	2.178	0.873	0.020	-0.367	-0.304
3051	30.50	-0.182	-0.077	-0.166	-0.466	-0.916	-1.416	-1.902	-2.372	-2.867	-3.420
3061	30.60	-3.998	-4.488	-4.736	-4.611	-4.089	-3.281	-2.402	-1.684	-1.271	-1.159
3071	30.70	-1.195	-1.157	-0.864	-0.270	0.523	1.315	1.923	2.282	2.478	2.709
3081	30.80	3.172	3.944	4.925	5.865	6.468	6.525	6.008	5.070	3.972	2.956
3091	30.90	2.143	1.508	0.928	0.280	-0.469	-1.247	-1.924	-2.414	-2.753	-3.111
3101	31.00	-3.718	-4.731	-6.126	-7.648	-8.896	-9.450	-9.062	-7.745	-5.783	-3.622
3111	31.10	-1.706	-0.326	0.455	0.778	0.890	1.022	1.302	1.725	2.194	2.595
3121	31.20	2.865	3.030	3.191	3.477	3.969	4.643	5.340	5.784	5.662	5.732
3131	31.30	2.944	0.520	-2.064	-4.186	-5.281	-5.059	-3.636	-1.531	0.512	1.812
3141	31.40	2.019	1.253	0.033	-0.990	-1.355	-1.026	-0.416	-0.167	-0.796	-2.388
3151	31.50	-4.497	-6.324	-7.091	-6.432	-4.593	-2.319	-0.490	0.331	0.192	-0.276
3161	31.60	-0.203	1.028	3.396	6.181	8.280	8.747	7.292	4.471	1.452	-0.536
3171	31.70	-0.805	0.461	2.206	3.190	2.452	-0.101	-3.654	-6.031	-8.370	-7.703
3181	31.80	-5.199	-1.950	0.777	2.150	2.125	1.375	0.862	1.271	2.620	4.250
3191	31.90	5.182	4.659	2.582	-0.392	-3.151	-5.566	-4.173	-2.225	0.381	2.556
3201	32.00	3.517	3.111	1.805	0.384	-0.473	-0.510	0.038	0.646	0.832	0.430
3211	32.10	-0.339	-1.028	-1.259	-0.970	-0.487	-0.365	-1.088	-2.792	-5.152	-7.697
3221	32.20	-9.100	-9.489	-8.636	-6.924	-4.938	-3.172	-1.823	-0.752	0.374	1.842
3231	32.30	3.697	5.683	7.356	8.296	8.315	7.549	6.396	5.324	4.686	4.572
3241	32.40	4.819	5.134	5.259	5.095	4.719	4.310	4.018	3.869	3.747	3.476
3251	32.50	2.932	2.142	1.295	0.666	0.479	0.794	1.457	2.157	2.549	2.390
3261	32.60	1.634	0.424	-0.977	-2.304	-3.387	-4.184	-4.751	-5.181	-5.528	-5.778
3271	32.70	-5.863	-5.705	-5.262	-4.562	-3.699	-2.806	-2.029	-1.493	-1.282	-1.428
3281	32.80	-1.891	-2.545	-3.186	-3.562	-3.442	-2.697	-1.367	0.319	2.000	3.291
3291	32.90	3.919	3.813	3.128	2.170	1.275	0.674	0.428	0.427	0.481	0.622
3301	33.00	0.185	-0.176	-0.541	-0.811	-0.970	-1.095	-1.301	-1.649	-2.077	-2.386
3311	33.10	-2.302	-1.595	-0.186	1.778	3.952	5.891	7.180	7.584	7.605	5.669
3321	33.20	3.868	1.858	-0.044	-1.697	-3.031	-4.022	-4.657	-4.913	-4.768	-4.229
3331	33.30	-3.369	-2.327	-1.294	-0.463	0.030	0.138	-0.083	-0.508	-0.992	-1.424
3341	33.40	-1.764	-2.036	-2.303	-2.610	-2.955	-3.269	-3.445	-3.371	-2.983	-2.280
3351	33.50	-1.329	-0.232	0.902	1.980	2.922	3.647	4.066	4.092	3.674	2.841
3361	33.60	1.729	0.575	-0.352	-0.830	-0.773	-0.267	0.458	1.107	1.430	1.304
3371	33.70	0.765	-0.023	-0.839	-1.483	-1.820	-1.796	-1.422	-0.749	0.138	1.121
3381	33.80	2.046	2.755	3.112	3.072	2.696	2.133	1.540	0.998	0.452	-0.271
3391	33.90	-1.352	-2.848	-4.588	-6.175	-7.121	-7.058	-5.937	-4.102	-2.180	-0.831
3401	34.00	-0.449	-0.966	-1.864	-2.401	-1.956	-0.338	2.093	4.553	6.178	6.390
3411	34.10	5.155	2.987	0.718	-0.872	-1.369	-0.865	0.149	1.063	1.447	1.233
3421	34.20	0.703	0.295	0.354	0.954	1.874	2.729	3.178	3.087	2.564	1.867
3431	34.30	1.244	0.803	0.484	0.148	-0.294	-0.789	-1.157	-1.269	-0.901	-0.419
3441	34.40	-0.129	-0.402	-1.383	-2.844	-4.217	-4.804	-4.092	-2.029	0.902	3.832
3451	34.50	5.851	6.376	5.378	3.374	1.171	-0.492	-1.248	-1.195	-0.785	-0.512
3461	34.60	-0.646	-1.090	-1.474	-1.393	-0.684	0.431	1.419	1.664	0.884	-0.868
3471	34.70	-3.009	-4.755	-5.439	-4.801	-3.081	-0.887	1.093	2.401	2.976	3.117
3481	34.80	3.266	3.749	4.593	5.522	6.114	6.039	5.232	3.932	2.553	1.475
3491	34.90	0.870	0.630	0.454	0.019	-0.857	-2.131	-3.584	-4.946	-6.026	-6.777

Table 7—39—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3501	35.00	-7.267	-7.583	-7.744	-7.673	-7.255	-6.436	-5.296	-4.060	-2.996	-2.291
3511	35.10	-1.943	-1.766	-1.477	-0.876	0.043	1.055	1.805	1.993	1.541	0.665
3521	35.20	-0.198	-0.572	-0.166	1.096	2.889	4.822	6.522	7.800	8.681	9.314
3531	35.30	9.824	10.191	10.251	9.691	8.402	6.424	4.070	1.823	0.167	-0.693
3541	35.40	-0.738	-0.301	0.179	0.334	0.008	-0.694	-1.499	-2.122	-2.416	-2.455
3551	35.50	-2.487	-2.816	-3.638	-4.939	-6.474	-7.859	-8.715	-8.815	-8.162	-6.975
3561	35.60	-5.595	-4.352	-3.450	-2.915	-2.625	-2.387	-2.038	-1.515	-0.865	-0.203
3571	35.70	0.356	0.770	1.095	1.457	2.016	2.867	4.012	5.340	6.667	7.788
3581	35.80	8.537	8.826	8.653	8.087	7.245	6.265	5.284	4.419	3.749	3.295
3591	35.90	3.008	2.783	2.492	2.037	1.397	0.646	-0.075	-0.624	-0.937	-1.080
3601	36.00	-1.234	-1.619	-2.388	-3.528	-4.835	-5.975	-6.613	-6.554	-5.833	-4.704
3611	36.10	-3.540	-2.681	-2.297	-2.345	-2.612	-2.833	-2.816	-2.509	-1.988	-1.376
3621	36.20	-0.755	-0.114	0.629	1.538	2.576	3.572	4.269	4.446	4.041	3.223
3631	36.30	2.346	1.807	1.862	2.496	3.396	4.070	4.045	3.071	1.225	-1.105
3641	36.40	-3.379	-5.105	-6.011	-6.111	-5.658	-5.005	-4.456	-4.168	-4.129	-4.223
3651	36.50	-4.316	-4.327	-4.254	-4.148	-4.063	-4.019	-3.991	-3.930	-3.798	-3.581
3661	36.60	-3.299	-2.981	-2.652	-2.328	-2.033	-1.813	-1.744	-1.906	-2.337	-2.981
3671	36.70	-3.675	-4.179	-4.256	-3.755	-2.698	-1.262	0.276	1.648	2.700	3.438
3681	36.80	4.002	4.575	5.275	6.078	6.818	7.253	7.174	6.503	5.332	3.900
3691	36.90	2.508	1.431	0.847	0.822	1.322	2.253	3.478	4.810	6.022	6.836
3701	37.00	6.975	6.248	4.637	2.349	-0.208	-2.524	-4.344	-5.814	-6.560	-7.162
3711	37.10	-2.531	-1.552	-0.945	-0.711	-0.678	-0.613	-0.346	0.155	0.791	1.494
3721	37.20	1.876	2.187	2.436	2.746	3.201	3.755	4.240	4.425	4.123	3.279
3731	37.30	2.008	0.550	-0.830	-1.948	-2.767	-3.385	-3.966	-4.626	-5.362	-6.028
3741	37.40	-6.402	-6.281	-5.591	-4.431	-3.051	-1.763	-0.826	-0.355	-0.298	-0.477
3751	37.50	-0.677	-0.736	-0.603	-0.328	-0.016	0.241	0.416	0.543	0.683	0.867
3761	37.60	1.058	1.159	1.062	0.719	0.191	-0.352	-0.683	-0.620	-0.100	0.780
3771	37.70	1.801	2.720	3.373	3.747	3.970	4.240	4.705	5.371	6.082	6.575
3781	37.80	6.598	6.028	4.931	3.539	2.156	1.026	0.254	-0.218	-0.545	-0.879
3791	37.90	-1.292	-1.750	-2.158	-2.442	-2.616	-2.793	-3.119	-3.684	-4.465	-5.214
3801	38.00	-5.731	-5.781	-5.304	-4.627	-3.408	-2.506	-1.857	-1.407	-0.961	-0.306
3811	38.10	0.638	1.730	2.638	2.981	2.518	1.289	-0.351	-1.858	-2.701	-2.584
3821	38.20	-1.556	0.011	1.581	2.675	3.044	2.732	2.016	1.250	0.708	0.488
3831	38.30	0.515	0.625	0.670	0.597	0.456	0.349	0.356	0.486	0.673	0.820
3841	38.40	0.859	0.786	0.659	0.558	0.541	0.614	0.740	0.872	0.987	1.094
3851	38.50	1.203	1.292	1.273	1.023	0.441	-0.466	-1.530	-2.441	-2.865	-2.488
3861	38.60	-1.347	0.326	2.064	3.346	3.791	3.296	2.066	0.520	-0.881	-1.815
3871	38.70	-2.198	-2.172	-2.000	-1.916	-2.023	-2.269	-2.508	-2.615	-2.568	-2.471
3881	38.80	-2.492	-2.750	-3.229	-3.751	-4.048	-3.883	-3.175	-2.059	-0.866	0.102
3891	38.90	0.519	0.349	-0.241	-0.939	-1.424	-1.507	-1.174	-0.580	0.060	0.579
3901	39.00	0.937	1.221	1.575	2.106	2.810	3.564	4.176	4.680	4.416	4.058
3911	39.10	3.583	3.188	3.009	3.070	3.289	3.530	3.663	3.620	3.394	3.016
3921	39.20	2.509	1.882	1.122	0.240	-0.694	-1.538	-2.116	-2.282	-1.999	-1.378
3931	39.30	-0.662	-0.158	-0.133	-0.719	-1.876	-3.404	-5.019	-6.460	-7.466	-7.993
3941	39.40	-8.026	-7.622	-6.859	-5.823	-4.605	-3.312	-2.074	-1.025	-0.273	0.132
3951	39.50	0.223	0.096	-0.109	-0.258	-0.252	-0.044	0.373	0.968	1.693	2.475
3961	39.60	3.213	3.788	4.079	4.006	3.569	2.862	2.060	1.359	0.901	0.712
3971	39.70	0.698	0.679	0.476	-0.001	-0.703	-1.454	-2.015	-2.182	-1.859	-1.088
3981	39.80	-0.916	1.163	2.289	3.268	4.069	4.695	5.139	5.368	5.336	5.020
3991	39.90	4.451	3.721	2.960	2.280	1.744	1.344	1.023	0.714	0.382	0.031

Table 7—39—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1132 S03-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.314	-0.640	-0.976	-1.384	-1.926	-2.612	-3.367	-4.046	-4.456	-4.690
4011	40.10	-4.121	-3.442	-2.610	-1.774	-1.000	-0.256	0.551	1.494	2.550	3.524
4021	40.20	4.343	4.669	4.398	3.666	2.672	1.688	0.923	0.447	0.180	-0.039
4031	40.30	-0.365	-0.763	-1.193	-1.671	-1.478	-1.227	-0.913	-0.830	-1.256	-2.306
4041	40.40	-3.861	-5.577	-7.002	-7.737	-7.580	-6.590	-5.050	-3.335	-1.860	-0.771
4051	40.50	-0.100	0.293	0.616	1.033	1.626	2.366	3.153	3.891	4.518	5.020
4061	40.60	5.405	5.661	5.719	5.656	4.737	3.478	1.721	-0.347	-2.407	-4.096
4071	40.70	-5.109	-5.297	-4.711	-3.590	-2.267	-1.068	-0.211	0.238	0.347	0.252
4081	40.80	0.081	-0.098	-0.283	-0.491	-0.713	-0.877	-0.863	-0.555	0.091	0.998
4091	40.90	1.982	2.805	3.264	3.264	2.843	2.159	1.325	0.537	-0.156	-0.737
4101	41.00	-1.199	-1.503	-1.570	-1.322	-0.747	0.055	0.869	1.430	1.521	1.067
4111	41.10	0.168	-0.943	-1.995	-2.787	-3.258	-3.482	-3.594	-3.702	-3.826	-3.890
4121	41.20	-3.787	-3.449	-2.901	-2.255	-1.646	-1.154	-0.758	-0.367	0.205	0.955
4131	41.30	1.840	2.697	3.350	3.709	3.830	3.881	4.042	4.369	4.718	4.775
4141	41.40	4.190	2.770	0.630	-1.788	-3.861	-4.924	-4.715	-3.314	-1.217	0.876
4151	41.50	2.335	2.825	2.408	1.466	0.506	-0.069	-0.106	0.277	0.801	1.192
4161	41.60	1.318	1.235	1.126	1.170	1.628	1.783	2.017	1.872	1.227	0.148
4171	41.70	-1.115	-2.221	-2.861	-2.866	-2.250	-1.190	0.053	1.224	2.144	2.728
4181	41.80	2.979	2.946	2.697	2.299	1.819	1.326	0.894	0.589	0.450	0.475
4191	41.90	0.616	0.792	0.924	0.957	0.886	0.750	0.618	0.553	0.583	0.688
4201	42.00	0.799	0.831	0.713	0.418	-0.020	-0.519	-0.979	-1.329	-1.557	-1.725
4211	42.10	-1.950	-2.353	-3.012	-3.909	-4.923	-5.857	-6.494	-6.665	-6.305	-5.470
4221	42.20	-4.312	-3.031	-1.806	-0.760	0.065	0.691	1.165	1.533	1.813	2.000
4231	42.30	2.078	2.040	1.900	1.690	1.446	1.200	0.966	0.747	0.537	0.334
4241	42.40	0.138	-0.050	-0.238	-0.440	-0.672	-0.939	-1.226	-1.490	-1.670	-1.711
4251	42.50	-1.581	-1.390	-0.889	-0.449	-0.043	0.279	0.499	0.627	0.688	0.704
4261	42.60	0.690	0.652	0.595	0.533	0.488	0.686	0.547	0.675	0.863	1.093
4271	42.70	1.349	1.625	1.918	2.221	2.517	2.769	2.932	2.963	2.838	2.568
4281	42.80	2.193	1.774	1.375	1.050	0.836	0.748	0.784	0.925	1.138	1.367
4291	42.90	1.544	1.597	1.475	1.159	0.680	0.108	-0.470	-0.980	-1.381	-1.680
4301	43.00	-1.914	-2.129	-2.362	-2.630	-2.932	-3.265	-3.622	-3.996	-4.359	-4.652
4311	43.10	-4.790	-4.886	-4.297	-3.656	-2.883	-2.151	-1.619	-1.365	-1.338	-1.393
4321	43.20	-1.341	-1.052	-0.523	0.116	0.662	0.948	0.940	0.773	0.705	0.993
4331	43.30	1.771	2.959	4.286	5.376	5.919	5.775	5.028	3.928	2.771	1.776
4341	43.40	1.008	0.404	-0.156	-0.760	-1.311	-1.742	-1.895	-1.708	-1.250	-0.697
4351	43.50	-0.247	-0.012	0.042	0.079	0.504	0.841	1.653	2.539	3.220	3.673
4361	43.60	3.236	2.635	1.934	1.398	1.181	1.261	1.480	1.644	1.634	1.472
4371	43.70	1.292	1.250	1.410	1.680	1.833	1.608	0.848	-0.406	-1.903	-3.271
4381	43.80	-4.161	-4.390	-4.002	-3.244	-2.446	-1.892	-1.709	-1.849	-2.142	-2.391
4391	43.90	-2.572	-2.370	-2.171	-1.997	-1.936	-2.009	-2.160	-2.306	-2.374	-2.342
4401	44.00	-2.234	-2.095	-1.959	-1.823	-1.649	-1.389	-1.017	-0.554	-0.069	0.346
4411	44.10	0.605	0.666	0.544	0.304	0.038	-0.167	-0.252	-0.198	-0.022	0.241
4421	44.20	0.554	0.887	1.220	1.535	1.807	1.999	2.065	1.965	1.687	1.261
4431	44.30	0.766	0.313	0.021	-0.027	0.193	0.630	1.171	1.675	2.018	2.129
4441	44.40	2.011	1.727	1.376	1.053	0.820	0.688	0.625	0.580	0.504	0.370
4451	44.50	0.176	-0.057	-0.304	-0.546	-0.770	-0.972	-1.145	-1.274	-1.337	-1.311
4461	44.60	-1.185	-0.968	-0.695	-0.414	-0.180	-0.027	0.038	0.043	0.037	0.073
4471	44.70	0.180	0.356	0.563	0.743	0.850	0.876	0.851	0.838	0.901	1.074
4481	44.80	1.336	1.615	1.811	1.837	1.653	1.280	0.784	0.244	-0.285	-0.793
4491	44.90	-1.302	-1.836	-2.386	-2.896	-3.264	-3.408	-3.286	-2.932	-2.445	-1.963

Table 7—39—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1132 S03-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.502	-1.122	-0.726	-0.216	0.461	1.254	2.005	2.503	2.572	2.166
4511	45.10	1.405	0.553	-0.083	-0.260	0.103	0.909	1.925	2.878	3.550	3.835
4521	45.20	3.739	3.332	2.692	1.875	0.923	-0.099	-1.068	-1.801	-2.101	-1.843
4531	45.30	-1.045	0.101	1.270	2.113	2.374	1.990	1.107	0.021	-0.942	-1.551
4541	45.40	-1.745	-1.651	-1.421	-1.323	-1.451	-1.787	-2.205	-2.536	-2.658	-2.557
4551	45.50	-2.239	-1.888	-1.606	-1.460	-1.440	-1.477	-1.486	-1.396	-1.195	-0.912
4561	45.60	-0.594	-0.284	0.005	0.287	0.584	0.902	1.215	1.470	1.603	1.578
4571	45.70	1.398	1.116	0.810	0.556	0.396	0.324	0.300	0.278	0.257	0.199
4581	45.80	0.221	0.369	0.673	1.106	1.580	1.975	2.183	2.157	1.922	1.564
4591	45.90	1.184	0.865	0.546	0.218	-0.234	-0.876	-1.697	-2.595	-3.405	-3.954
4601	46.00	-4.129	-3.920	-3.420	-2.791	-2.203	-1.775	-1.545	-1.475	-1.481	-1.480
4611	46.10	-1.417	-1.286	-1.104	-0.912	-0.735	-0.586	-0.463	-0.366	-0.297	-0.262
4621	46.20	-0.261	-0.273	-0.258	-0.164	0.050	0.401	0.868	1.392	1.917	2.393
4631	46.30	2.798	3.138	3.429	3.674	3.852	3.916	3.819	3.540	3.108	2.603
4641	46.40	2.134	1.799	1.645	1.654	1.747	1.821	1.795	1.644	1.404	1.153
4651	46.50	0.967	0.883	0.878	0.886	0.829	0.662	0.395	0.088	-0.180	-0.354
4661	46.60	-0.429	-0.458	-0.519	-0.674	-0.932	-1.242	-1.519	-1.688	-1.723	-1.668
4671	46.70	-1.610	-1.635	-1.778	-2.002	-2.212	-2.311	-2.248	-2.063	-1.869	-1.803
4681	46.80	-1.958	-2.326	-2.790	-3.172	-3.304	-3.104	-2.609	-1.954	-1.311	-0.809
4691	46.90	-0.484	-0.276	-0.075	0.213	0.608	1.043	1.393	1.539	1.427	1.098
4701	47.00	0.672	0.305	0.123	0.186	0.469	0.886	1.321	1.666	1.837	1.782
4711	47.10	1.478	0.934	0.199	-0.629	-1.414	-2.005	-2.276	-2.172	-1.731	-1.078
4721	47.20	-0.383	0.198	0.576	0.749	0.787	0.791	0.841	0.968	1.152	1.351
4731	47.30	1.527	1.675	1.816	1.976	2.157	2.321	2.405	2.346	2.120	1.760
4741	47.40	1.348	0.978	0.720	0.583	0.520	0.452	0.310	0.067	-0.254	-0.601
4751	47.50	-0.920	-1.185	-1.401	-1.591	-1.760	-1.879	-1.892	-1.741	-1.410	-0.947
4761	47.60	-0.462	-0.082	0.105	0.099	-0.004	-0.053	0.086	0.462	1.007	1.556
4771	47.70	1.923	1.988	1.739	1.313	0.896	0.651	0.627	0.733	0.771	0.535
4781	47.80	-0.092	-1.066	-2.190	-3.184	-3.795	-3.900	-3.542	-2.909	-2.251	-1.774
4791	47.90	-1.574	-1.616	-1.774	-1.901	-1.897	-1.741	-1.481	-1.194	-0.938	-0.728
4801	48.00	-0.540	-0.337	-0.106	0.126	0.298	0.344	0.225	-0.044	-0.396	-0.727
4811	48.10	-0.947	-0.991	-0.844	-0.536	-0.123	0.331	0.772	1.168	1.506	1.789
4821	48.20	2.034	2.260	2.485	2.719	2.956	3.183	3.366	3.477	3.500	3.436
4831	48.30	3.308	3.153	3.006	2.891	2.819	2.781	2.764	2.746	2.705	2.618
4841	48.40	2.461	2.217	1.887	1.497	1.102	0.768	0.544	0.436	0.384	0.265
4851	48.50	0.005	-0.544	-1.373	-2.397	-3.456	-4.365	-4.984	-5.258	-5.225	-4.993
4861	48.60	-4.685	-4.396	-4.171	-4.014	-3.918	-3.887	-3.940	-4.087	-4.298	-4.478
4871	48.70	-4.483	-4.166	-3.650	-2.377	-1.119	0.069	0.937	1.336	1.275	0.909
4881	48.80	0.481	0.211	0.222	0.494	0.899	1.272	1.493	1.540	1.488	1.457
4891	48.90	1.566	1.777	2.086	2.353	2.469	2.382	2.124	1.787	1.480	1.275
4901	49.00	1.182	1.159	1.146	1.100	1.040	1.025	1.129	1.398	1.818	2.308
4911	49.10	2.752	3.033	3.076	2.865	2.440	1.869	1.223	0.553	-0.111	-0.749
4921	49.20	-1.335	-1.826	-2.172	-2.332	-2.292	-2.078	-1.754	-1.404	-1.104	-0.902
4931	49.30	-0.808	-0.792	-0.805	-0.799	-0.743	-0.630	-0.480	-0.324	-0.195	-0.107
4941	49.40	-0.058	-0.020	0.041	0.153	0.324	0.521	0.681	0.721	0.574	0.215
4951	49.50	-0.307	-0.874	-1.326	-1.499	-1.305	-0.743	0.067	0.931	1.635	2.014
4961	49.60	2.008	1.667	1.130	0.580	0.086	-0.244	-0.486	-0.668	-0.936	-1.303
4971	49.70	-1.726	-2.096	-2.280	-2.178	-1.759	-1.087	-0.296	0.448	1.000	1.274
4981	49.80	1.261	1.017	0.637	0.217	-0.167	-0.472	-0.682	-0.799	-0.825	-0.761
4991	49.90	-0.610	-0.384	-0.115	0.152	0.367	0.498	0.543	0.534	0.529	0.585

Table 7—39—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	0.732	0.956	1.202	1.397	1.480	1.431	1.279	1.087	0.921	0.817
5011	50.10	0.766	0.721	0.626	0.460	0.254	0.093	0.078	0.280	0.701	1.261
5021	50.20	1.827	2.258	2.459	2.413	2.172	1.822	1.433	1.028	0.580	0.047
5031	50.30	-0.589	-1.284	-1.934	-2.406	-2.595	-2.472	-2.106	-1.633	-1.211	-0.956
5041	50.40	-0.895	-0.981	-1.113	-1.190	-1.160	-1.031	-0.859	-0.714	-0.661	-0.661
5051	50.50	-0.680	-0.708	-0.691	-0.620	-0.518	-0.416	-0.336	-0.280	-0.227	-0.148
5061	50.60	-0.024	0.147	0.346	0.545	0.714	0.860	0.910	0.929	0.901	0.833
5071	50.70	0.734	0.613	0.488	0.379	0.303	0.273	0.295	0.374	0.512	0.711
5081	50.80	0.962	1.238	1.484	1.624	1.575	1.283	0.747	0.037	-0.717	-1.365
5091	50.90	-1.788	-1.939	-1.864	-1.681	-1.535	-1.538	-1.725	-2.042	-2.373	-2.589
5101	51.00	-2.606	-2.413	-2.075	-1.700	-1.389	-1.195	-1.103	-1.044	-0.927	-0.684
5111	51.10	-0.293	0.206	0.733	1.193	1.509	1.644	1.603	1.427	1.179	0.921
5121	51.20	0.703	0.551	0.468	0.429	0.397	0.332	0.206	0.018	-0.205	-0.419
5131	51.30	-0.577	-0.658	-0.674	-0.674	-0.722	-0.864	-1.104	-1.393	-1.638	-1.735
5141	51.40	-1.613	-1.259	-0.724	-0.102	0.504	1.021	1.426	1.733	1.977	2.186
5151	51.50	2.356	2.466	2.486	2.410	2.261	2.092	1.959	1.895	1.895	1.919
5161	51.60	1.910	1.925	1.656	1.428	1.189	0.978	0.814	0.686	0.570	0.447
5171	51.70	0.316	0.187	0.069	-0.053	-0.225	-0.508	-0.954	-1.562	-2.266	-2.934
5181	51.80	-3.420	-3.604	-3.445	-2.996	-2.385	-1.772	-1.291	-1.015	-0.943	-1.020
5191	51.90	-1.170	-1.329	-1.461	-1.557	-1.614	-1.625	-1.572	-1.426	-1.168	-0.797
5201	52.00	-0.332	0.187	0.716	1.216	1.654	2.006	2.249	2.365	2.345	2.198
5211	52.10	1.957	1.676	1.416	1.226	1.125	1.097	1.101	1.088	1.022	0.896
5221	52.20	0.728	0.554	0.407	0.304	0.239	0.191	0.132	0.044	-0.076	-0.217
5231	52.30	-0.359	-0.484	-0.583	-0.657	-0.719	-0.790	-0.887	-1.021	-1.189	-1.371
5241	52.40	-1.531	-1.622	-1.605	-1.457	-1.185	-0.825	-0.435	-0.077	0.205	0.399
5251	52.50	0.523	0.618	0.726	0.869	1.044	1.218	1.351	1.409	1.382	1.288
5261	52.60	1.161	1.038	0.938	0.855	0.757	0.599	0.355	0.019	-0.477	-0.977
5271	52.70	-1.450	-1.822	-2.034	-2.055	-1.888	-1.567	-1.152	-0.708	-0.297	0.037
5281	52.80	0.274	0.415	0.481	0.502	0.508	0.521	0.554	0.608	0.677	0.750
5291	52.90	0.818	0.878	0.933	0.990	1.060	1.147	1.247	1.344	1.415	1.436
5301	53.00	1.396	1.295	1.156	1.009	0.884	0.799	0.754	0.731	0.705	0.658
5311	53.10	0.584	0.495	0.414	0.363	0.350	0.364	0.379	0.363	0.281	0.111
5321	53.20	-0.158	-0.528	-0.990	-1.523	-2.089	-2.635	-3.091	-3.388	-3.472	-3.326
5331	53.30	-2.981	-2.510	-2.008	-1.566	-1.244	-1.056	-0.972	-0.938	-0.897	-0.813
5341	53.40	-0.677	-0.507	-0.330	-0.171	-0.042	0.064	0.161	0.268	0.397	0.553
5351	53.50	0.729	0.909	1.072	1.195	1.256	1.242	1.156	1.017	0.860	0.721
5361	53.60	0.629	0.593	0.597	0.609	0.598	0.563	0.495	0.349	0.274	0.252
5371	53.70	0.307	0.406	0.524	0.624	0.689	0.720	0.735	0.757	0.801	0.865
5381	53.80	0.933	0.986	1.016	1.028	1.044	1.082	1.154	1.248	1.336	1.382
5391	53.90	1.357	1.252	1.081	0.873	0.663	0.477	0.326	0.206	0.106	0.013
5401	54.00	-0.083	-0.186	-0.301	-0.432	-0.583	-0.755	-0.945	-1.140	-1.328	-1.498
5411	54.10	-1.651	-1.801	-1.966	-2.160	-2.379	-2.597	-2.769	-2.868	-2.802	-2.629
5421	54.20	-2.367	-2.075	-1.820	-1.645	-1.559	-1.533	-1.514	-1.450	-1.309	-1.096
5431	54.30	-0.846	-0.606	-0.415	-0.284	-0.194	-0.105	0.021	0.203	0.429	0.659
5441	54.40	0.847	0.955	0.973	0.922	0.862	0.774	0.750	0.778	0.855	0.923
5451	54.50	1.134	1.355	1.653	2.034	2.475	2.916	3.275	3.465	3.429	3.156
5461	54.60	2.490	2.110	1.810	1.564	1.353	1.160	0.955	0.685	0.349	0.013
5471	54.70	-0.680	-0.695	-0.675	-0.652	-0.659	-0.717	-0.823	-0.950	-1.062	-1.131
5481	54.80	-1.152	-1.145	-1.146	-1.185	-1.274	-1.395	-1.512	-1.586	-1.590	-1.526
5491	54.90	-1.617	-1.296	-1.192	-1.117	-1.067	-1.027	-0.983	-0.933	-0.879	-0.828

Table 7—39—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.785	-0.743	-0.894	-0.633	-0.562	-0.495	-0.447	-0.422	-0.409	-0.381
5511	55.10	-0.305	-0.162	0.044	0.284	0.519	0.713	0.858	0.970	1.084	1.230
5521	55.20	1.416	1.621	1.810	1.955	2.049	2.131	2.251	2.449	2.725	3.017
5531	55.30	3.220	3.224	2.958	2.428	1.725	0.992	0.373	-0.038	-0.230	-0.272
5541	55.40	-0.278	-0.356	-0.557	-0.874	-1.239	-1.568	-1.798	-1.913	-1.917	-1.960
5551	55.50	-2.005	-2.102	-2.228	-2.329	-2.347	-2.245	-2.027	-1.736	-1.434	-1.176
5561	55.60	-0.986	-0.851	-0.721	-0.536	-0.252	0.144	0.623	1.122	1.573	1.917
5571	55.70	2.133	2.230	2.244	2.210	2.147	2.043	1.866	1.579	1.168	0.659
5581	55.80	0.117	-0.368	-0.712	-0.865	-0.828	-0.651	-0.413	-0.190	-0.034	0.040
5591	55.90	0.051	0.033	0.019	0.028	0.060	0.108	0.161	0.215	0.268	0.321
5601	56.00	0.371	0.409	0.434	0.448	0.465	0.505	0.579	0.680	0.729	0.831
5611	56.10	0.795	0.668	0.603	0.605	0.589	0.431	0.606	0.732	0.851	1.003
5621	56.20	-1.204	-1.430	-1.627	-1.735	-1.714	-1.566	-1.332	-1.080	-0.875	-0.752
5631	56.30	-0.710	-0.712	-0.708	-0.659	-0.551	-0.392	-0.209	-0.026	0.143	0.299
5641	56.40	0.450	0.555	0.721	0.803	0.815	0.744	0.601	0.420	0.268	0.126
5651	56.50	0.023	0.079	0.110	0.127	0.098	0.016	-0.102	-0.226	-0.321	-0.366
5661	56.60	-0.353	-0.285	-0.174	-0.023	0.166	0.386	0.634	0.888	1.116	1.286
5671	56.70	1.379	1.395	1.352	1.283	1.216	1.166	1.129	1.091	1.062	0.983
5681	56.80	0.933	0.917	0.949	1.015	1.075	1.075	0.959	0.715	0.366	-0.027
5691	56.90	-0.395	-0.691	-0.908	-1.087	-1.284	-1.546	-1.874	-2.217	-2.487	-2.601
5701	57.00	-2.510	-2.232	-1.838	-1.430	-1.096	-0.879	-0.765	-0.701	-0.625	-0.499
5711	57.10	-0.324	-0.134	0.026	0.127	0.172	0.193	0.231	0.314	0.442	0.581
5721	57.20	0.687	0.721	0.674	0.567	0.443	0.348	0.307	0.319	0.360	0.396
5731	57.30	0.402	0.371	0.315	0.257	0.216	0.208	0.223	0.250	0.273	0.284
5741	57.40	0.285	0.284	0.291	0.312	0.344	0.378	0.403	0.410	0.401	0.385
5751	57.50	0.376	0.386	0.419	0.468	0.514	0.535	0.504	0.421	0.290	0.134
5761	57.60	-0.018	-0.155	-0.338	-0.504	-0.661	-0.769	-0.818	-0.829	-0.766	-0.667
5771	57.70	-0.992	-1.136	-1.326	-1.573	-1.827	-2.060	-2.275	-2.428	-2.527	-2.559
5781	57.80	-1.935	-1.588	-1.806	-2.261	-2.688	-2.927	-2.969	-2.946	-2.892	-2.824
5791	57.90	1.346	1.446	1.509	1.520	1.473	1.371	1.225	1.053	0.873	0.703
5801	58.00	0.558	0.444	0.355	0.281	0.264	0.310	0.407	0.441	0.378	0.406
5811	58.10	-0.511	-0.602	-0.690	-0.789	-0.910	-1.050	-1.193	-1.315	-1.393	-1.414
5821	58.20	-1.383	-1.318	-1.247	-1.197	-1.183	-1.208	-1.256	-1.304	-1.322	-1.290
5831	58.30	-1.196	-1.046	-0.861	-0.668	-0.495	-0.353	-0.253	-0.178	-0.111	-0.031
5841	58.40	0.073	0.206	0.356	0.527	0.721	0.949	1.221	1.538	1.884	2.224
5851	58.50	2.522	2.751	2.915	3.049	3.204	3.427	3.729	4.074	4.384	4.565
5861	58.60	4.545	4.303	3.879	3.357	2.834	2.381	2.019	1.722	1.436	1.113
5871	58.70	0.733	0.316	-0.094	-0.452	-0.736	-0.953	-1.135	-1.313	-1.495	-1.663
5881	58.80	-1.773	-1.784	-1.679	-1.478	-1.241	-1.045	-0.959	-1.016	-1.206	-1.481
5891	58.90	-1.776	-2.032	-2.211	-2.303	-2.322	-2.291	-2.229	-2.146	-2.044	-1.922
5901	59.00	-1.784	-1.661	-1.511	-1.412	-1.353	-1.328	-1.318	-1.300	-1.248	-1.152
5911	59.10	-1.013	-0.843	-0.658	-0.469	-0.276	-0.069	0.166	0.433	0.720	0.999
5921	59.20	1.231	1.376	1.410	1.333	1.163	0.936	0.691	0.463	0.272	0.129
5931	59.30	0.034	-0.025	-0.067	-0.120	-0.223	-0.411	-0.707	-1.104	-1.562	-2.006
5941	59.40	-2.353	-2.530	-2.499	-2.266	-1.878	-1.399	-0.887	-0.386	0.081	0.493
5951	59.50	0.823	1.026	1.052	0.874	0.509	0.037	-0.421	-0.729	-0.794	-0.594
5961	59.60	-0.194	0.281	0.693	0.949	1.029	0.991	0.938	0.968	1.130	1.407
5971	59.70	1.724	1.982	2.104	2.059	1.869	1.595	1.301	1.037	0.821	0.644
5981	59.80	0.487	0.336	0.190	0.058	-0.046	-0.115	-0.152	-0.168	-0.172	-0.166
5991	59.90	-0.184	-0.093	-0.006	0.118	0.267	0.423	0.566	0.676	0.754	0.799

Table 7—39—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1132 503-GR-1-S6 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	0.815	0.806	0.775	0.724	0.658	0.587	0.524	0.482	0.465	0.469
6011	60.10	0.481	0.485	0.467	0.423	0.360	0.290	0.230	0.187	0.160	0.159
6021	60.20	0.110	0.066	0.005	-0.062	-0.121	-0.158	-0.172	-0.175	-0.189	-0.241
6031	60.30	-0.348	-0.508	-0.698	-0.881	-1.011	-1.053	-0.989	-0.827	-0.597	-0.361
6041	60.40	-0.104	0.076	0.178	0.193	0.130	0.009	-0.141	-0.282	-0.376	-0.389
6051	60.50	-0.296	-0.095	0.196	0.533	0.859	1.113	1.241	1.206	0.995	0.620
6061	60.60	0.118	-0.452	-1.015	-1.485	-1.781	-1.842	-1.668	-1.227	-0.661	-0.066
6071	60.70	0.436	0.742	0.812	0.666	0.369	0.026	-0.277	-0.488	-0.601	-0.651
6081	60.80	-0.689	-0.755	-0.865	-1.001	-1.128	-1.213	-1.236	-1.206	-1.151	-1.106
6091	60.90	-1.101	-1.144	-1.227	-1.326	-1.411	-1.457	-1.445	-1.365	-1.212	-0.987
6101	61.00	-0.699	-0.365	-0.015	0.313	0.577	0.747	0.810	0.775	0.673	0.542
6111	61.10	0.420	0.332	0.286	0.272	0.272	0.267	0.248	0.218	0.192	0.190
6121	61.20	0.229	0.315	0.441	0.589	0.733	0.849	0.927	0.959	0.994	1.028
6131	61.30	1.094	1.198	1.329	1.459	1.551	1.578	1.527	1.413	1.266	1.126
6141	61.40	1.020	0.962	0.941	0.934	0.914	0.862	0.773	0.653	0.512	0.356
6151	61.50	0.176	-0.027	-0.260	-0.513	-0.759	-0.962	-1.080	-1.087	-0.975	-0.760
6161	61.60	-0.476	-0.162	0.146	0.419	0.640	0.798	0.885	0.896	0.829	0.695
6171	61.70	0.513	0.311	0.121	-0.035	-0.147	-0.219	-0.269	-0.313	-0.366	-0.432
6181	61.80	-0.508	-0.586	-0.661	-0.731	-0.796	-0.860	-0.924	-0.988	-1.053	-1.118
6191	61.90	-1.188	-1.266	-1.354	-1.445	-1.529	-1.588	-1.611	-1.593	-1.543	-1.477
6201	62.00	-1.414	-1.367	-1.333	-1.295	-1.226	-1.098	-0.896	-0.622	-0.298	0.041
6211	62.10	0.352	0.599	0.759	0.825	0.811	0.741	0.666	0.555	0.488	0.453
6221	62.20	0.445	0.452	0.462	0.468	0.471	0.480	0.507	0.558	0.632	0.719
6231	62.30	0.805	0.877	0.929	0.965	0.995	1.030	1.075	1.131	1.194	1.259
6241	62.40	1.320	1.374	1.416	1.439	1.432	1.386	1.302	1.191	1.082	1.002
6251	62.50	0.972	0.989	1.024	1.027	0.951	0.767	0.484	0.144	-0.189	-0.464
6261	62.60	-0.657	-0.790	-0.910	-1.074	-1.313	-1.612	-1.917	-2.169	-2.242	-2.166
6271	62.70	-1.966	-1.646	-1.346	-1.109	-0.962	-0.889	-0.849	-0.798	-0.711	-0.591
6281	62.80	-0.461	-0.346	-0.260	-0.194	-0.125	-0.035	0.078	0.187	0.248	0.217
6291	62.90	0.073	-0.169	-0.461	-0.735	-0.933	-1.029	-1.035	-0.994	-0.961	-0.975
6301	63.00	-1.067	-1.156	-1.265	-1.333	-1.338	-1.280	-1.175	-1.044	-0.904	-0.757
6311	63.10	-0.601	-0.438	-0.276	-0.134	-0.030	0.026	0.044	0.047	0.060	0.098
6321	63.20	0.154	0.201	0.212	0.174	0.105	0.056	0.087	0.243	0.532	0.916
6331	63.30	1.330	1.708	2.020	2.277	2.528	2.822	3.174	3.545	3.846	3.966
6341	63.40	3.839	3.461	2.912	2.320	1.815	1.476	1.298	1.202	1.076	0.828
6351	63.50	0.432	-0.066	-0.562	-0.952	-1.170	-1.222	-1.171	-1.114	-1.129	-1.248
6361	63.60	-1.447	-1.658	-1.807	-1.838	-1.759	-1.535	-1.276	-1.022	-0.804	-0.643
6371	63.70	-0.534	-0.462	-0.403	-0.339	-0.255	-0.144	-0.013	0.126	0.255	0.357
6381	63.80	0.431	0.489	0.555	0.656	0.801	0.977	1.146	1.261	1.282	1.201
6391	63.90	1.061	0.851	0.679	0.557	0.484	0.433	0.372	0.284	0.178	0.084
6401	64.00	0.025	0.000	-0.027	-0.119	-0.322	-0.638	-0.994	-1.261	-1.295	-1.001
6411	64.10	-0.378	0.460	1.317	1.983	2.308	2.254	1.906	1.429	1.000	0.742
6421	64.20	0.682	0.758	0.862	0.890	0.795	0.590	0.339	0.113	-0.013	-0.132
6431	64.30	-0.194	-0.277	-0.414	-0.600	-0.801	-0.967	-1.041	-1.075	-1.031	-0.908
6441	64.40	-0.924	-0.919	-0.952	-1.003	-1.050	-1.081	-1.096	-1.102	-1.112	-1.133
6451	64.50	-1.162	-1.194	-1.225	-1.253	-1.279	-1.303	-1.323	-1.327	-1.305	-1.250
6461	64.60	-1.165	-1.065	-0.970	-0.898	-0.855	-0.833	-0.818	-0.789	-0.738	-0.668
6471	64.70	-0.594	-0.530	-0.488	-0.465	-0.444	-0.410	-0.369	-0.263	-0.165	-0.074
6481	64.80	-0.004	0.065	0.087	0.143	0.226	0.335	0.449	0.531	0.547	0.478
6491	64.90	0.331	0.137	-0.058	-0.218	-0.324	-0.385	-0.432	-0.497	-0.599	-0.729

Table 7—39—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1132 503-GR-1-S6 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 11.07 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-0.851	-0.921	-0.899	-0.776	-0.578	-0.356	-0.162	-0.042	0.001	-0.005
6511	65.10	-0.010	0.034	0.146	0.312	0.481	0.596	0.609	0.508	0.318	0.091
6521	65.20	-0.115	-0.280	-0.339	-0.377	-0.416	-0.494	-0.624	-0.789	-0.946	-1.045
6531	65.30	-1.051	-0.951	-0.763	-0.527	-0.286	-0.075	0.087	0.204	0.291	0.369
6541	65.40	0.454	0.553	0.666	0.788	0.910	1.024	1.126	1.214	1.293	1.374
6551	65.50	1.466	1.585	1.729	1.887	2.034	2.132	2.146	2.052	1.852	1.576
6561	65.60	1.271	0.993	0.780	0.644	0.564	0.501	0.412	0.270	0.079	-0.136
6571	65.70	-0.334	-0.487	-0.587	-0.660	-0.746	-0.883	-1.085	-1.332	-1.568	-1.728
6581	65.80	-1.756	-1.632	-1.378	-1.050	-0.718	-0.438	-0.241	-0.120	-0.047	0.017
6591	65.90	0.097	0.203	0.328	0.455	0.570	0.671	0.763	0.858	0.968	1.094
6601	66.00	1.231	1.368	1.491	1.589	1.652	1.676	1.659	1.607	1.533	1.456
6611	66.10	1.399	1.378	1.399	1.447	1.497	1.521	1.500	1.440	1.366	1.317
6621	66.20	1.323	1.390	1.488	1.562	1.550	1.408	1.135	0.769	0.380	0.045
6631	66.30	-0.184	-0.293	-0.311	-0.289	-0.281	-0.325	-0.428	-0.574	-0.735	-0.886
6641	66.40	-1.012	-1.115	-1.200	-1.273	-1.333	-1.371	-1.381	-1.360	-1.317	-1.268
6651	66.50	-1.230	-1.216	-1.228	-1.259	-1.297	-1.327	-1.344	-1.346	-1.336	-1.318
6661	66.60	-1.290	-1.247	-1.183	-1.095	-0.985	-0.864	-0.747	-0.648	-0.576	-0.529
6671	66.70	-0.497	-0.466	-0.411	-0.329	-0.218	-0.091	0.031	0.120	0.152	0.113
6681	66.80	-0.000	-0.180	-0.409	-0.670	-0.961	-1.203	-1.436	-1.614	-1.710	-1.699
6691	66.90	-1.565	-1.312	-0.963	-0.563	-0.167	0.171	0.415	0.552	0.592	0.560
6701	67.00	0.488	0.403	0.323	0.258	0.212	0.187	0.183	0.196	0.220	0.242
6711	67.10	0.249	0.233	0.194	0.147	0.111	0.108	0.148	0.227	0.330	0.436
6721	67.20	0.530	0.607	0.673	0.760	0.813	0.894	0.975	1.039	1.084	1.127
6731	67.30	1.173	1.243	1.345	1.467	1.580	1.667	1.661	1.549	1.388	1.190
6741	67.40	0.995	0.831	0.708	0.617	0.533	0.435	0.308	0.151	-0.029	-0.222
6751	67.50	-0.417	-0.611	-0.798	-0.967	-1.103	-1.185	-1.199	-1.144	-1.034	-0.903
6761	67.60	-0.784	-0.708	-0.682	-0.696	-0.725	-0.740	-0.724	-0.675	-0.609	-0.548
6771	67.70	-0.513	-0.514	-0.547	-0.596	-0.645	-0.681	-0.700	-0.707	-0.712	-0.722
6781	67.80	-0.740	-0.765	-0.791	-0.813	-0.828	-0.837	-0.844	-0.852	-0.864	-0.883
6791	67.90	-0.909	-0.941	-0.973	-0.998	-1.004	-0.978	-0.909	-0.791	-0.632	-0.449
6801	68.00	-0.268	-0.113	0.001	0.075	0.126	0.181	0.265	0.390	0.548	0.714
6811	68.10	0.857	0.949	0.980	0.958	0.907	0.855	0.819	0.802	0.793	0.778
6821	68.20	0.751	0.725	0.724	0.778	0.902	1.087	1.294	1.468	1.553	1.513
6831	68.30	1.345	1.076	0.751	0.419	0.112	-0.153	-0.376	-0.559	-0.697	-0.781
6841	68.40	-0.800	-0.750	-0.644	-0.512	-0.392	-0.315	-0.295	-0.315	-0.352	-0.371
6851	68.50	-0.367	-0.276	-0.165	-0.043	0.070	0.162	0.232	0.288	0.339	0.395
6861	68.60	0.458	0.530	0.612	0.702	0.797	0.887	0.955	0.983	0.959	0.883
6871	68.70	0.770	0.667	0.562	0.472	0.439	0.426	0.409	0.371	0.309	0.234
6881	68.80	0.169	0.133	0.134	0.166	0.211	0.251	0.274	0.281	0.278	0.276
6891	68.90	0.277	0.282	0.285	0.286	0.288	0.299	0.322	0.351	0.367	0.344
6901	69.00	0.264	0.121	-0.068	-0.272	-0.455	-0.596	-0.688	-0.751	-0.804	-0.863
6911	69.10	-0.929	-0.987	-1.022	-1.028	-1.020	-1.023	-1.065	-1.156	-1.278	-1.393
6921	69.20	-1.456	-1.437	-1.335	-1.183	-1.030	-0.919	-0.863	-0.845	-0.821	-0.766
6931	69.30	-0.592	-0.359	-0.075	0.225	0.517	0.796	1.073	1.362	1.660	1.939
6941	69.40	2.150	2.243	2.188	1.989	1.690	1.358	1.058	0.834	0.696	0.626
6951	69.50	0.587	0.547	0.486	0.405	0.314	0.230	0.161	0.107	0.062	0.017
6961	69.60	-0.030	-0.079	-0.125	-0.163	-0.190	-0.206	-0.216	-0.225	-0.239	-0.264
6971	69.70	-0.305	-0.363	-0.436	-0.518	-0.600	-0.677	-0.750	-0.828	-0.924	-1.044
6981	69.80	-1.182	-1.311	-1.391	-1.377	-1.244	-0.996	-0.670	-0.527	-0.027	0.193
6991	69.90	0.335	0.434	0.544	0.708	0.934	1.190	1.414	1.542	1.537	1.405

Table 7—39—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1132 503-GR-1-56 HB. (HB.) KANNONZAKI MAX. ACC. = -90.790 (GAL) T= 51.07 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
7001	70.00	1.194	0.974	0.806	0.723	0.715	0.744	0.761	0.735	0.660	0.556
7011	70.10	0.449	0.368	0.316	0.277	0.229	0.156	0.053	-0.059	-0.160	-0.233
7021	70.20	-0.279	-0.313	-0.358	-0.431	-0.530	-0.642	-0.742	-0.816	-0.862	-0.900
7031	70.30	-0.953	-1.041	-1.165	-1.299	-1.420	-1.502	-1.541	-1.558	-1.592	-1.676
7041	70.40	-1.819	-1.999	-2.162	-2.248	-2.210	-2.036	-1.753	-1.416	-1.086	-0.803
7051	70.50	-0.580	-0.401	-0.240	-0.076	0.096	0.257	0.385	0.463	0.495	0.504
7061	70.60	0.523	0.577	0.673	0.795	0.918	1.016	1.082	1.130	1.187	1.275
7071	70.70	1.396	1.530	1.637	1.677	1.627	1.494	1.311	1.124	0.973	0.876
7081	70.80	0.824	0.794	0.756	0.690	0.599	0.496	0.397	0.313	0.263	0.181
7091	70.90	0.117	0.050	-0.014	-0.066	-0.096	-0.111	-0.123	-0.145	-0.188	-0.249
7101	71.00	-0.317	-0.375	-0.415	-0.440	-0.462	-0.495	-0.547	-0.613	-0.676	-0.723
7111	71.10	-0.750	-0.767	-0.795	-0.849	-0.927	-1.005	-1.046	-1.011	-0.895	-0.719
7121	71.20	-0.531	-0.386	-0.308	-0.296	-0.309	-0.292	-0.209	-0.083	0.103	0.225
7131	71.30	0.252	0.173	0.026	-0.128	-0.221	-0.231	-0.183	-0.142	-0.171	-0.297
7141	71.40	-0.483	-0.665	-0.602	-0.530	-0.195	0.242	0.654	0.919		

Table 7—40—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	0.812	2.630	5.402	3.808	3.935	4.136	4.676	5.619	6.803	7.922
11	0.10	8.659	8.824	8.420	7.627	6.701	5.855	5.176	4.617	4.056	3.400
21	0.20	2.662	1.982	1.569	1.696	2.552	3.108	4.250	5.326	6.156	6.692
31	0.30	7.017	7.262	7.516	7.756	7.868	7.609	6.917	5.792	4.623	3.108
41	0.40	2.145	1.715	1.819	2.284	2.852	3.291	3.485	3.463	3.352	3.291
51	0.50	3.343	3.459	3.500	3.316	2.824	2.066	1.199	0.453	0.031	0.048
61	0.60	0.495	1.257	2.158	3.018	3.686	4.061	4.085	3.739	3.046	2.080
71	0.70	0.978	-0.078	-0.885	-1.278	-1.175	-0.603	0.314	1.403	2.495	3.476
81	0.80	4.297	4.957	5.461	5.784	5.860	5.603	4.946	3.883	2.492	0.923
91	0.90	-0.635	-2.001	-3.035	-3.662	-3.873	-3.716	-3.278	-2.674	-2.027	-1.443
101	1.00	-0.985	-0.646	-0.344	0.052	0.673	1.589	2.759	4.031	5.127	5.970
111	1.10	6.265	6.041	5.397	4.497	3.693	2.472	1.445	0.386	-0.701	-1.734
121	1.20	-2.546	-2.939	-2.972	-2.039	-0.897	0.372	1.455	2.110	2.244	1.911
131	1.30	1.266	0.471	-0.372	-1.243	-2.176	-3.192	-4.243	-5.204	-5.903	-6.197
141	1.40	-6.033	-5.470	-4.659	-3.771	-2.936	-2.202	-1.548	-0.927	-0.326	0.209
151	1.50	0.582	0.692	0.479	-0.041	-0.782	-1.653	-2.536	-3.373	-4.123	-4.737
161	1.60	-5.136	-5.214	-4.881	-4.124	-3.049	-1.880	-0.896	-0.332	-0.286	-0.687
171	1.70	-1.324	-1.956	-2.416	-2.683	-2.860	-3.186	-3.724	-4.481	-5.288	-5.897
181	1.80	-6.088	-5.773	-5.026	-4.030	-2.981	-1.987	-1.040	-0.060	1.009	2.099
191	1.90	3.011	3.482	3.327	2.570	1.491	0.533	0.124	0.463	1.397	2.450
201	2.00	3.017	2.625	1.166	-1.019	-3.259	-4.810	-5.157	-4.220	-2.380	-0.317
211	2.10	1.266	1.908	1.533	0.434	-0.884	-1.920	-2.365	-2.073	-1.221	-0.008
221	2.20	1.365	2.656	3.770	4.522	4.713	4.141	2.678	0.363	-2.547	-5.593
231	2.30	-8.208	-9.862	-10.198	-9.115	-6.838	-3.773	-0.500	2.192	4.414	5.275
241	2.40	4.943	3.655	1.866	0.140	-1.004	-1.239	-0.522	0.902	2.593	4.076
251	2.50	5.000	5.231	4.849	4.058	3.066	1.992	0.864	-0.325	-1.512	-2.514
261	2.60	-3.049	-2.859	-1.849	-0.198	1.668	3.106	3.657	3.046	1.375	-0.933
271	2.70	-3.300	-5.188	-6.267	-6.467	-5.928	-4.881	-3.538	-2.042	-0.482	1.049
281	2.80	2.405	3.393	3.834	3.669	2.909	1.833	0.717	-0.173	-0.681	-0.794
291	2.90	-0.605	-0.241	0.193	0.638	1.056	1.390	1.538	1.387	0.871	0.043
301	3.00	-0.899	-1.658	-1.943	-1.598	-0.684	0.520	1.614	2.224	2.139	1.389
311	3.10	0.222	-0.990	-1.886	-2.222	-1.929	-1.102	0.045	1.241	2.217	2.749
321	3.20	2.696	2.044	0.935	-0.336	-1.373	-1.790	-1.340	-0.036	1.814	3.682
331	3.30	4.983	5.281	4.461	2.779	0.781	-0.883	-1.685	-1.390	-0.115	1.739
341	3.40	3.661	5.099	5.792	5.608	4.609	2.922	0.920	-1.296	-3.398	-5.075
351	3.50	-6.007	-5.938	-4.769	-2.635	0.084	2.843	5.082	6.389	6.627	5.955
361	3.60	4.740	3.400	2.246	1.386	0.736	0.118	-0.604	-1.417	-2.148	-2.532
371	3.70	-2.354	-1.563	-0.325	1.028	2.128	2.719	2.758	2.416	1.989	1.751
381	3.80	1.829	2.141	2.436	2.409	1.857	0.675	-0.921	-2.651	-4.173	-5.218
391	3.90	-5.650	-5.487	-4.856	-3.945	-2.937	-1.980	-1.173	-0.564	-0.159	0.069
401	4.00	0.168	0.189	0.166	0.097	-0.058	-0.353	-0.826	-1.464	-2.186	-2.853
411	4.10	-3.310	-3.433	-3.158	-2.496	-1.507	-0.273	1.127	2.611	4.066	5.330
421	4.20	6.183	6.389	5.777	4.322	2.199	-0.225	-2.470	-4.075	-4.720	-4.322
431	4.30	-3.044	-1.237	0.662	2.243	3.203	3.386	2.779	1.495	-0.250	-2.156
441	4.40	-5.860	-4.976	-5.145	-4.142	-1.928	1.282	5.032	8.696	11.602	13.183
451	4.50	13.104	11.351	8.234	4.326	0.329	-3.028	-5.392	-6.589	-6.162	-5.068
461	4.60	-3.612	-2.290	-1.436	-1.128	-1.177	-1.211	-0.823	0.258	2.041	4.228
471	4.70	6.268	7.513	7.403	5.650	2.349	-2.020	-6.681	-10.742	-13.403	-14.140
481	4.80	-12.826	-9.751	-5.553	-1.058	2.900	5.664	6.879	6.547	4.990	2.743
491	4.90	0.407	-1.501	-2.666	-3.021	-2.739	-2.144	-1.597	-1.374	-1.584	-2.139

Table 7—40—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-2.793	-3.246	-3.255	-2.734	-1.798	-0.727	0.135	0.511	0.313	-0.310
511	5.10	-1.063	-1.316	-0.868	0.510	2.688	5.238	7.536	8.916	8.863	7.054
521	5.20	3.931	-0.999	-6.145	-10.977	-14.681	-16.616	-16.433	-14.157	-10.185	-5.219
531	5.30	-0.124	4.250	7.247	8.541	8.194	6.608	4.407	2.271	0.762	0.211
541	5.40	0.670	1.940	3.668	5.454	6.957	7.956	8.356	8.173	7.455	6.264
551	5.50	4.633	2.589	0.188	-2.450	-5.115	-7.532	-9.417	-10.562	-10.896	-10.522
561	5.60	-9.690	-8.714	-7.875	-7.334	-7.080	-6.942	-6.645	-5.886	-4.414	-2.098
571	5.70	1.038	4.787	8.755	12.389	15.045	16.106	15.144	12.074	7.252	1.452
581	5.80	-4.277	-8.870	-11.516	-11.870	-10.123	-6.903	-3.060	0.576	3.387	5.039
591	5.90	5.450	4.698	2.948	0.439	-2.483	-5.322	-7.461	-8.285	-7.375	-4.707
601	6.00	-0.733	3.695	7.567	10.040	10.704	9.689	7.564	5.076	2.863	1.142
611	6.10	-0.123	-1.271	-2.602	-4.170	-5.705	-6.690	-6.586	-5.062	-2.183	1.593
621	6.20	5.534	8.863	10.970	11.569	10.731	8.827	6.399	4.023	2.182	1.178
631	6.30	1.074	1.696	2.660	3.491	3.726	3.054	1.402	-1.058	-3.979	-6.962
641	6.40	-9.681	-11.938	-13.195	-14.737	-15.882	-16.441	-16.532	-16.161	-14.586	-11.993
651	6.50	7.460	12.930	16.970	19.007	18.833	16.595	12.680	7.576	1.786	-4.191
661	6.60	-9.807	-14.429	-17.371	-18.037	-16.130	-11.844	-5.939	0.373	5.711	8.898
671	6.70	9.297	6.988	2.728	-2.290	-6.781	-9.707	-10.502	-9.154	-6.124	-2.180
681	6.80	1.808	5.056	7.013	7.451	6.496	4.592	2.393	0.598	-0.246	0.091
691	6.90	1.443	3.287	4.914	5.664	5.165	3.666	1.035	-1.366	-2.933	-3.052
701	7.00	-1.475	1.609	5.628	9.767	13.149	15.018	14.892	12.666	8.662	3.593
711	7.10	-1.541	-5.648	-7.791	-7.440	-4.660	-0.160	4.833	8.858	10.608	9.301
721	7.20	4.934	-1.669	-9.045	-15.459	-19.357	-19.780	-16.614	-10.621	-3.239	3.789
731	7.30	8.851	10.848	9.431	5.048	-1.207	-7.876	-13.475	-16.812	-17.210	-14.609
741	7.40	-9.552	-3.051	3.616	9.155	12.513	13.095	10.894	6.494	0.939	-4.527
751	7.50	-8.776	-11.067	-11.215	-9.569	-6.835	-3.805	-1.099	0.988	2.480	3.570
761	7.60	4.478	5.923	5.881	5.446	4.081	1.764	2.286	0.947	0.060	-0.316
771	7.70	-0.432	-0.749	-1.711	-3.497	-5.864	-8.165	-9.549	-9.265	-6.950	-2.788
781	7.80	2.516	7.941	12.630	15.163	15.727	14.161	10.886	6.579	2.036	-1.945
791	7.90	-4.673	-5.659	-4.713	-2.023	1.834	5.963	9.328	10.987	10.346	7.329
801	8.00	2.423	-3.413	-8.966	-13.030	-16.669	-13.406	-9.326	-3.981	4.194	11.062
811	8.10	16.023	17.823	15.749	9.865	1.097	-8.887	-18.018	-24.308	-26.357	-23.726
821	8.20	-17.062	-7.903	1.755	10.017	15.592	18.078	17.972	16.408	14.750	14.162
831	8.30	15.306	18.203	22.289	26.587	29.929	31.171	29.381	23.984	14.888	2.558
841	8.40	-11.965	-27.157	-41.220	-52.382	-59.220	-60.925	-57.418	-49.300	-37.667	-23.853
851	8.50	-9.204	5.065	17.927	28.566	36.290	40.777	41.947	40.118	35.954	30.327
861	8.60	24.093	17.865	11.880	6.008	-0.082	-6.685	-13.853	-21.311	-28.508	-34.772
871	8.70	-39.471	-42.093	-42.245	-39.586	-33.823	-24.800	-12.714	1.642	16.763	30.538
881	8.80	40.655	45.161	43.070	34.695	21.644	6.455	-8.067	-19.480	-26.223	-27.794
891	8.90	-24.679	-18.077	-9.601	-1.008	5.993	9.924	9.751	5.114	-3.474	-14.598
901	9.00	-26.147	-35.765	-41.432	-41.972	-37.317	-28.417	-16.864	-4.374	7.638	18.255
911	9.10	26.997	33.591	37.765	39.192	37.639	33.222	26.610	19.027	11.998	6.914
921	9.20	4.596	5.046	7.478	10.632	13.195	14.182	13.123	10.032	5.261	-0.780
931	9.30	-7.493	-14.266	-20.288	-24.575	-26.122	-24.206	-18.734	-10.454	-0.921	7.838
941	9.40	13.867	15.732	13.086	6.545	-2.434	-11.993	-20.322	-26.005	-28.199	-26.652
951	9.50	-21.629	-13.812	-4.193	6.030	15.601	23.380	28.520	30.589	29.571	25.760
961	9.60	19.582	11.657	1.770	-9.024	-20.213	-30.692	-38.984	-43.687	-42.886	-36.595
971	9.70	-25.054	-9.750	7.067	22.875	35.421	43.141	45.359	42.259	34.703	24.000
981	9.80	11.699	-0.584	-11.323	-19.262	-23.622	-24.274	-21.807	-17.416	-12.609	-8.805
991	9.90	-6.944	-7.265	-9.292	-12.045	-14.373	-15.272	-14.105	-10.663	-5.111	2.119

Table 7—40—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	10.411	19.018	27.087	33.713	38.056	39.523	37.949	33.730	27.816	21.570
1011	10.10	16.514	14.017	15.019	19.838	28.088	38.703	50.081	60.303	67.435	69.861
1021	10.20	66.602	57.542	43.492	26.045	7.251	-10.809	-26.449	-38.668	-47.241	-52.615
1031	10.30	-55.648	-57.298	-58.346	-59.211	-59.872	-59.921	-58.621	-55.122	-48.657	-38.786
1041	10.40	-25.627	-9.995	6.589	22.092	34.331	41.439	42.511	36.905	26.288	12.622
1051	10.50	-2.276	-15.466	-25.369	-31.093	-32.729	-31.207	-27.979	-24.621	-22.456	-22.280
1061	10.60	-24.246	-27.908	-32.399	-35.669	-39.727	-40.825	-39.567	-35.827	-29.895	-22.215
1071	10.70	-13.611	-4.206	4.642	12.436	18.666	23.006	25.567	26.671	26.826	26.531
1081	10.80	26.099	25.565	24.704	23.165	20.654	17.095	12.650	7.860	3.102	-1.127
1091	10.90	-4.767	-7.648	-9.905	-11.581	-12.573	-12.596	-11.250	-8.151	-3.069	3.966
1101	11.00	12.637	22.371	32.416	41.939	50.113	56.196	59.606	59.977	57.200	51.422
1111	11.10	43.018	32.525	20.577	7.865	-4.865	-16.794	-27.023	-34.628	-38.793	-39.003
1121	11.20	-35.265	-28.122	-18.829	-8.957	-0.173	6.128	9.107	8.604	5.094	-0.500
1131	11.30	-7.049	-13.436	-18.700	-22.103	-23.150	-21.606	-17.531	-11.337	-3.747	4.174
1141	11.40	11.287	16.576	19.409	19.707	17.958	15.055	12.002	9.596	8.180	7.563
1151	11.50	7.126	6.063	3.661	-0.479	-6.356	-13.617	-21.717	-30.059	-38.106	-45.380
1161	11.60	-51.410	-55.660	-57.527	-56.619	-51.923	-43.990	-33.068	-20.117	-6.492	6.276
1171	11.70	16.764	23.803	26.844	25.869	21.386	14.526	6.727	-0.388	-5.289	-6.822
1181	11.80	-4.478	1.450	9.875	19.121	27.290	32.692	34.214	31.537	25.136	16.080
1191	11.90	5.765	-4.405	-13.221	-19.786	-23.543	-24.270	-22.078	-17.424	-11.103	-4.179
1201	12.00	2.176	6.915	9.375	9.464	7.716	5.174	3.138	2.840	5.140	10.315
1211	12.10	17.983	27.159	36.414	44.109	48.659	48.817	43.936	36.173	20.577	5.012
1221	12.20	-10.116	-22.296	-29.442	-30.376	-25.133	-14.980	-2.136	10.768	21.303	27.809
1231	12.30	29.718	27.562	22.705	16.880	11.692	8.250	6.982	7.686	9.707	12.181
1241	12.40	14.229	15.085	14.156	11.067	5.733	-1.546	-10.012	-18.474	-25.489	-29.697
1251	12.50	-30.215	-26.971	-20.817	-13.362	-6.544	-2.083	-0.996	-3.369	-8.315	-14.489
1261	12.60	-20.339	-24.610	-26.558	-25.985	-23.125	-18.478	-12.692	-6.505	-0.723	3.828
1271	12.70	6.429	6.651	6.527	0.606	-4.162	-8.702	-12.144	-14.080	-14.641	-14.367
1281	12.80	-13.822	-13.483	-13.362	-13.112	-12.192	-10.117	-6.664	-1.957	3.595	9.627
1291	12.90	14.938	19.551	22.698	23.812	22.378	18.067	10.942	1.609	-8.766	-18.630
1301	13.00	-26.390	-30.803	-31.286	-28.020	-21.842	-13.972	-5.701	1.837	7.789	11.576
1311	13.10	12.880	11.650	8.174	3.160	-2.257	-6.667	-8.689	-7.367	-2.510	5.155
1321	13.20	14.107	22.405	28.191	30.171	27.915	21.910	13.381	3.963	-4.655	-11.033
1331	13.30	-14.181	-13.666	-9.644	-2.827	5.608	14.189	21.398	25.965	27.151	24.921
1341	13.40	19.964	13.519	7.074	2.002	-0.751	-0.842	1.448	5.341	9.766	13.595
1351	13.50	15.861	15.809	13.199	8.147	1.224	-6.641	-14.298	-20.589	-24.589	-25.821
1361	13.60	-24.390	-20.973	-16.656	-12.709	-10.169	-9.662	-11.187	-14.116	-17.316	-19.567
1371	13.70	-19.479	-16.271	-9.636	0.047	11.763	24.028	35.143	43.495	47.858	47.612
1381	13.80	42.855	34.364	23.411	11.496	0.035	-9.870	-17.585	-22.950	-26.178	-27.701
1391	13.90	-28.024	-27.625	-26.910	-26.202	-25.734	-25.611	-25.749	-25.834	-25.331	-23.593
1401	14.00	-20.056	-14.860	-7.038	1.454	9.853	16.864	21.396	22.867	21.251	17.236
1411	14.10	11.824	6.146	1.177	-2.436	-4.419	-4.813	-3.861	-1.891	0.777	3.871
1421	14.20	7.197	10.641	14.163	17.757	21.399	24.957	28.136	30.452	31.328	30.228
1431	14.30	26.851	21.282	14.038	5.980	-1.886	-8.650	-13.697	-16.798	-18.085	-17.961
1441	14.40	-14.868	-15.391	-14.017	-13.216	-13.598	-14.633	-17.543	-21.195	-25.091	-28.272
1451	14.50	-29.757	-28.860	-25.326	-19.627	-12.661	-5.589	1.916	6.932	7.436	8.261
1461	14.60	7.943	7.135	6.448	6.373	7.253	9.279	12.462	16.585	21.171	25.513
1471	14.70	28.814	30.394	29.915	27.505	23.738	19.435	15.370	12.000	9.320	6.918
1481	14.80	4.199	0.676	-3.805	-8.982	-14.289	-19.081	-22.874	-25.486	-27.040	-27.825
1491	14.90	-28.113	-28.014	-27.439	-26.183	-24.068	-21.074	-17.391	-13.378	-9.436	-5.879

Table 7—40—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-2.839	-0.252	2.089	4.651	7.073	10.131	13.710	17.814	22.343	27.073
1511	15.10	31.625	35.157	37.922	38.374	36.320	31.584	24.308	15.155	5.026	-4.994
1521	15.20	-13.858	-20.723	-25.681	-26.802	-26.118	-23.533	-19.720	-15.203	-11.284	-7.877
1531	15.30	-5.680	-4.952	-5.797	-8.123	-11.608	-15.433	-19.542	-22.358	-23.144	-21.368
1541	15.40	-16.838	-9.932	-1.547	7.069	14.591	19.913	22.364	21.810	18.595	13.381
1551	15.50	6.953	0.058	-6.671	-12.723	-17.668	-21.122	-22.757	-22.359	-19.845	-15.601
1561	15.60	-9.389	-2.345	5.114	12.369	18.857	24.104	27.746	29.548	29.429	27.493
1571	15.70	24.043	19.558	14.636	9.909	5.963	3.253	2.050	2.397	4.080	6.611
1581	15.80	9.265	11.176	11.522	9.760	5.849	0.364	-5.567	-10.520	-13.171	-12.894
1591	15.90	-9.034	-2.942	4.247	10.995	15.976	18.376	17.992	15.147	10.487	4.781
1601	16.00	-1.205	-6.740	-11.123	-13.695	-13.930	-11.584	-6.842	-0.384	6.699	13.125
1611	16.10	17.702	19.587	18.437	14.418	8.118	0.409	-7.868	-15.000	-20.504	-23.260
1621	16.20	-22.707	-18.833	-12.300	-4.393	3.226	8.914	11.472	10.435	6.138	-0.475
1631	16.30	-8.188	-15.856	-22.620	-27.933	-31.245	-32.874	-31.959	-28.555	-22.817	-15.353
1641	16.40	-7.210	0.332	6.120	9.681	10.410	9.489	7.579	5.418	3.317	1.101
1651	16.50	-1.685	-5.414	-10.037	-14.947	-19.120	-21.461	-21.216	-18.249	-13.072	-6.638
1661	16.60	-0.003	5.992	10.884	14.563	17.124	18.694	19.384	19.105	18.057	16.399
1671	16.70	14.430	12.446	10.593	8.778	6.711	4.068	0.925	-3.081	-6.720	-9.337
1681	16.80	-10.129	-8.635	-4.910	0.491	6.686	12.744	17.906	21.729	24.082	25.052
1691	16.90	24.839	23.677	21.815	19.524	17.087	14.739	12.591	10.556	8.368	5.670
1701	17.00	2.206	-2.009	-6.597	-10.868	-14.010	-15.334	-14.621	-12.048	-8.355	-4.573
1711	17.10	-1.783	-0.862	-2.296	-6.088	-11.774	-18.508	-25.203	-30.707	-34.006	-34.800
1721	17.20	-31.682	-26.180	-18.711	-10.415	-2.492	4.047	8.573	10.900	11.226	9.990
1731	17.30	7.719	4.918	2.036	-0.526	-2.397	-3.264	-2.935	-1.434	0.954	3.708
1741	17.40	6.193	7.832	8.270	7.461	5.644	3.208	0.574	-1.948	-4.276	-6.328
1751	17.50	-8.153	-9.693	-10.753	-11.301	-11.367	-10.919	-8.838	-6.877	-4.599	-2.129
1761	17.60	0.460	3.103	5.680	7.985	9.734	10.651	10.568	9.518	7.756	5.687
1771	17.70	3.762	2.328	1.548	1.397	1.725	2.371	3.250	4.385	5.865	7.760
1781	17.80	10.025	12.466	14.750	16.523	17.500	17.570	16.829	15.536	14.015	12.546
1791	17.90	11.278	10.212	9.235	8.199	6.999	5.614	4.096	2.516	0.905	-0.809
1801	18.00	-2.782	-5.098	-7.865	-10.926	-13.932	-16.385	-17.770	-17.720	-16.151	-13.305
1811	18.10	-9.684	-5.900	-2.480	0.285	2.394	4.094	5.732	7.600	9.795	12.169
1821	18.20	14.370	15.939	16.445	15.593	13.297	9.706	5.188	0.290	-4.336	-8.034
1831	18.30	-10.273	-10.781	-9.655	-7.389	-4.299	-2.835	-2.330	-3.253	-7.058	-11.686
1841	18.40	-16.722	-21.161	-24.193	-25.406	-24.838	-22.910	-20.215	-17.313	-14.573	-12.117
1851	18.50	-9.867	-7.651	-5.393	-2.812	-0.336	2.040	4.020	5.266	5.843	5.358
1861	18.60	5.902	6.436	7.097	7.783	7.511	6.392	5.335	4.494	3.768	2.705
1871	18.70	11.341	14.722	16.186	15.446	12.846	9.073	5.053	1.688	-0.366	-0.826
1881	18.80	0.178	2.189	4.555	6.583	7.678	7.452	5.782	2.831	-0.973	-5.010
1891	18.90	-8.588	-10.990	-11.805	-10.853	-8.331	-4.769	-0.924	2.384	4.455	4.862
1901	19.00	3.547	0.834	-2.639	-6.050	-8.557	-9.472	-8.481	-5.523	-0.598	5.117
1911	19.10	11.007	16.288	20.361	22.921	23.967	23.737	22.580	20.823	18.688	16.267
1921	19.20	13.568	10.589	7.377	4.054	0.786	-2.284	-4.982	-7.311	-9.213	-10.625
1931	19.30	-11.418	-11.422	-10.487	-8.582	-5.870	-2.731	0.307	2.686	3.970	3.948
1941	19.40	2.677	0.412	-2.339	-5.211	-7.766	-9.674	-10.896	-10.678	-9.562	-7.431
1951	19.50	-4.434	-0.980	2.505	5.558	7.800	9.009	9.185	8.327	6.760	4.672
1961	19.60	2.288	-0.282	-2.817	-5.166	-7.144	-8.590	-9.317	-9.662	-9.509	-9.260
1971	19.70	-9.248	-9.849	-11.193	-13.212	-16.017	-18.935	-21.547	-23.287	-23.611	-22.137
1981	19.80	-18.715	-15.525	-7.070	-0.102	6.532	12.079	16.041	18.274	18.959	18.488
1991	19.90	17.289	15.675	15.765	11.511	8.805	5.623	2.119	-1.345	-4.269	-6.149

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TABLE OF CORRECTED ACCELERATION RECORD — NO. 5

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-6.611	-5.517	-2.995	0.598	4.751	8.888	12.440	14.899	15.457	15.069
2011	20.10	12.401	8.083	2.536	-3.555	-9.315	-13.847	-16.384	-16.472	-14.087	-9.669
2021	20.20	-4.057	1.682	6.487	9.561	10.468	9.417	7.017	4.211	2.011	1.241
2031	20.30	2.546	5.311	9.700	14.793	19.765	23.847	26.434	27.143	25.822	22.555
2041	20.40	17.671	11.769	5.581	0.077	-3.904	-5.772	-5.389	-3.161	0.028	3.031
2051	20.50	4.753	4.453	1.946	-2.381	-7.693	-12.983	-17.327	-20.088	-20.996	-20.112
2061	20.60	-17.737	-14.307	-10.319	-6.296	-2.755	-0.157	1.171	1.130	-0.098	-2.058
2071	20.70	-4.129	-5.692	-6.302	-5.803	-4.343	-2.290	-0.093	1.859	3.314	4.165
2081	20.80	4.415	4.085	3.210	1.821	-0.026	-2.234	-4.682	-7.277	-10.007	-12.962
2091	20.90	-16.285	-20.068	-24.217	-28.375	-31.927	-34.125	-34.289	-32.018	-27.324	-20.659
2101	21.00	-12.803	-4.678	2.860	9.170	13.907	17.004	18.612	19.013	18.548	17.557
2111	21.10	16.342	15.138	14.093	13.271	12.669	12.254	12.005	11.936	12.088	12.491
2121	21.20	13.111	13.816	14.376	14.509	13.967	12.514	10.160	6.978	3.178	-0.942
2131	21.30	-5.016	-8.635	-11.367	-12.812	-12.685	-10.906	-7.665	-3.426	1.158	5.391
2141	21.40	8.696	10.728	11.409	10.871	9.355	7.119	4.402	1.449	-1.434	-3.859
2151	21.50	-5.410	-5.767	-4.858	-2.955	-0.657	1.273	2.151	1.616	-0.246	-2.920
2161	21.60	-5.657	-7.739	-8.702	-8.452	-7.220	-5.611	-3.408	-1.461	0.450	2.346
2171	21.70	4.331	6.388	8.364	10.002	11.027	11.233	10.534	8.973	6.699	3.935
2181	21.80	0.959	-1.888	-4.221	-5.643	-5.813	-4.558	-1.962	1.581	5.309	8.658
2191	21.90	10.545	10.459	8.173	3.909	-1.689	-7.671	-12.966	-16.588	-17.819	-16.341
2201	22.00	-12.297	-6.269	0.812	7.819	13.609	17.216	18.024	15.885	11.166	6.683
2211	22.10	-2.448	-9.041	-14.097	-17.010	-17.681	-16.491	-14.143	-11.436	-9.019	-7.261
2221	22.20	-6.194	-5.613	-5.223	-4.786	-4.197	-3.478	-2.700	-1.904	-1.067	-0.128
2231	22.30	0.934	2.030	2.960	3.486	3.664	2.966	2.308	1.986	2.476	4.030
2241	22.40	6.528	9.462	12.064	13.537	13.290	11.096	7.133	1.901	-3.922	-9.623
2251	22.50	-14.554	-18.183	-20.118	-20.139	-18.246	-14.704	-10.068	-5.021	-0.429	3.048
2261	22.60	5.020	5.468	4.719	3.316	1.851	0.812	0.500	1.021	2.323	4.245
2271	22.70	6.541	8.885	10.876	12.085	12.121	10.769	8.059	4.308	0.056	-4.066
2281	22.80	-7.489	-9.831	-10.934	-10.828	-9.639	-7.519	-4.612	-1.091	2.780	6.610
2291	22.90	9.898	12.131	12.919	12.110	9.841	6.492	2.565	-1.455	-5.197	-8.436
2301	23.00	-11.040	-12.903	-13.889	-13.844	-12.676	-10.442	-7.624	-4.107	-1.077	1.141
2311	23.10	2.242	2.229	1.401	0.237	-0.763	-1.235	-1.029	-0.213	1.000	2.351
2321	23.20	3.614	4.636	5.334	5.664	5.609	5.180	4.444	3.542	2.682	2.092
2331	23.30	1.941	2.260	2.901	3.560	3.869	3.518	2.375	0.551	-1.621	-3.674
2341	23.40	-5.147	-5.719	-5.298	-4.030	-2.253	-0.385	1.181	2.176	2.502	2.232
2351	23.50	1.578	0.834	0.320	0.320	1.042	2.571	4.866	7.645	10.596	13.222
2361	23.60	15.024	15.584	14.669	12.314	8.836	4.790	0.847	-2.356	-4.367	-5.022
2371	23.70	-4.466	-3.098	-1.453	-0.059	0.681	0.565	-0.393	-1.991	-3.897	-5.719
2381	23.80	-7.066	-7.609	-7.139	-5.606	-3.153	-0.101	3.101	5.971	8.097	9.231
2391	23.90	9.320	8.487	6.952	4.934	2.583	-0.042	-2.938	-6.092	-9.414	-12.709
2401	24.00	-15.699	-18.087	-19.620	-20.145	-19.615	-18.066	-15.585	-12.277	-8.269	-3.728
2411	24.10	1.116	5.965	10.478	14.321	17.231	19.062	19.806	19.578	18.581	17.053
2421	24.20	15.228	13.293	11.366	9.485	7.610	5.668	3.493	1.075	-1.589	-4.385
2431	24.30	-7.121	-9.585	-11.614	-13.152	-14.253	-15.046	-15.651	-16.098	-16.295	-16.039
2441	24.40	-15.095	-13.302	-10.654	-7.337	-3.699	-0.163	2.874	5.138	6.520	7.083
2451	24.50	7.016	6.573	6.002	5.488	5.112	4.867	4.572	4.122	3.353	2.207
2461	24.60	0.750	-0.833	-2.287	-3.362	-3.891	-3.839	-3.289	-2.401	-1.341	-0.228
2471	24.70	0.878	1.952	2.963	3.834	4.450	4.687	4.468	3.802	2.780	1.545
2481	24.80	0.229	-1.085	-2.370	-3.622	-4.809	-5.853	-6.541	-6.778	-6.462	-5.642
2491	24.90	-4.507	-3.333	-2.391	-1.851	-1.727	-1.883	-2.090	-2.103	-1.726	-0.852

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TABLE OF CORRECTED ACCELERATION RECORD — NO. 6

INDEX NO. 1133 712-GR-1-6 TR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.562	2.404	4.613	6.971	9.200	10.951	11.867	11.679	10.315	7.974
2511	25.10	5.127	2.419	0.501	-0.166	0.562	2.439	4.915	7.284	8.875	9.218
2521	25.20	8.139	5.768	2.462	-1.296	-5.017	-8.285	-10.805	-12.407	-13.030	-12.696
2531	25.30	-11.480	-9.693	-6.874	-3.787	-0.421	3.003	6.239	9.023	11.096	12.238
2541	25.40	12.307	11.276	9.255	6.689	3.323	0.140	-2.719	-5.020	-6.683	-7.785
2551	25.50	-8.508	-9.071	-9.643	-10.277	-10.901	-11.333	-11.350	-10.752	-9.416	-7.318
2561	25.60	-4.535	-1.225	2.385	6.006	9.283	11.842	13.332	13.521	12.393	10.203
2571	25.70	7.660	4.821	2.912	2.148	2.604	4.000	5.801	7.399	8.302	8.277
2581	25.80	7.368	5.834	4.019	2.221	0.618	-0.742	-1.902	-2.936	-3.910	-4.870
2591	25.90	-5.848	-6.863	-7.905	-8.899	-9.685	-10.022	-9.657	-8.422	-6.340	-3.670
2601	26.00	-0.892	1.408	2.689	2.607	1.103	-1.583	-4.991	-8.552	-11.714	-14.032
2611	26.10	-15.223	-15.180	-13.968	-11.803	-9.022	-6.033	-3.250	-1.016	0.463	1.156
2621	26.20	1.196	0.828	0.335	-0.034	-0.107	0.200	0.889	1.904	3.139	4.442
2631	26.30	5.619	6.456	6.759	6.416	5.441	3.992	2.342	0.808	-0.330	-0.903
2641	26.40	-0.875	-0.329	0.576	1.656	2.734	3.648	4.250	4.404	4.015	3.069
2651	26.50	1.671	0.067	-1.396	-2.343	-2.475	-1.658	0.036	2.347	4.898	7.295
2661	26.60	9.214	10.453	10.944	10.724	9.902	8.624	7.068	5.339	3.648	2.101
2671	26.70	0.777	-0.308	-1.195	-1.957	-2.656	-3.305	-3.842	-4.166	-4.088	-3.497
2681	26.80	-2.406	-0.882	0.885	2.638	4.092	5.033	5.312	4.888	3.829	2.294
2691	26.90	0.520	-1.203	-2.571	-3.305	-3.207	-2.211	-0.417	1.907	4.370	6.529
2701	27.00	7.993	8.510	8.022	6.670	4.741	2.586	0.520	-1.241	-2.613	-3.628
2711	27.10	-4.390	-5.020	-5.619	-6.253	-6.948	-7.705	-8.494	-9.253	-9.874	-10.204
2721	27.20	-10.081	-9.381	-8.079	-6.298	-4.303	-2.445	-1.073	-0.423	-0.548	-1.302
2731	27.30	-2.388	-3.453	-4.181	-4.366	-3.936	-2.931	-1.464	0.318	2.242	4.117
2741	27.40	5.729	6.859	7.326	7.042	6.052	4.542	2.794	1.106	-0.279	-1.230
2751	27.50	-1.726	-1.818	-1.580	-1.072	-0.347	0.513	1.366	2.010	2.230	1.892
2761	27.60	1.029	-0.122	-1.168	-1.685	-1.379	-0.213	1.558	3.662	4.967	5.666
2771	27.70	5.411	4.344	2.824	1.298	0.151	-0.379	-0.234	0.509	1.690	3.121
2781	27.80	4.597	5.897	6.780	7.014	6.428	4.978	2.790	0.151	-2.553	-4.932
2791	27.90	-6.689	-7.671	-7.863	-7.356	-6.230	-4.623	-2.637	-0.421	1.793	3.685
2801	28.00	4.892	5.101	4.153	2.114	-0.712	-3.854	-6.790	-9.070	-10.415	-10.748
2811	28.10	-10.166	-8.882	-7.149	-5.221	-3.331	-1.702	-0.558	-0.113	-0.543	-1.924
2821	28.20	-4.188	-7.089	-10.221	-13.082	-15.173	-16.104	-15.686	-13.967	-11.216	-7.849
2831	28.30	-4.335	-1.087	1.603	3.595	4.886	5.569	5.787	5.702	5.481	5.292
2841	28.40	5.305	5.669	6.480	7.742	9.352	11.113	12.765	14.153	15.093	15.589
2851	28.50	15.723	15.615	15.364	15.011	14.549	13.954	13.238	12.474	11.723	11.234
2861	28.60	10.878	10.622	10.298	9.732	8.840	7.690	6.500	5.560	5.098	5.166
2871	28.70	5.580	5.964	5.870	4.935	3.010	0.209	-3.138	-6.593	-9.744	-12.301
2881	28.80	-14.135	-15.251	-15.729	-15.669	-15.158	-14.272	-13.090	-11.704	-10.223	-8.743
2891	28.90	-7.336	-6.026	-4.813	-3.686	-2.647	-1.730	-0.993	-0.506	-0.337	-0.534
2901	29.00	-1.127	-2.114	-3.450	-5.022	-6.631	-8.006	-8.857	-8.939	-8.158	-6.617
2911	29.10	-4.613	-2.569	-0.809	0.367	0.953	1.120	1.138	1.241	1.531	1.962
2921	29.20	2.294	2.404	2.184	1.688	1.073	0.514	0.105	-0.184	-0.472	-0.869
2931	29.30	-1.373	-1.800	-1.851	-1.198	0.345	2.713	5.564	8.372	10.586	11.810
2941	29.40	11.907	11.018	9.469	7.643	5.843	4.228	2.811	1.521	0.280	-0.948
2951	29.50	-2.136	-3.227	-4.167	-4.962	-5.576	-6.121	-6.628	-7.126	-7.623	-8.122
2961	29.60	-8.636	-9.205	-9.893	-10.771	-11.886	-13.229	-14.709	-16.142	-17.263	-17.760
2971	29.70	-17.532	-15.765	-13.007	-9.208	-4.720	-0.042	4.288	7.813	10.253	11.554
2981	29.80	11.854	11.415	10.516	9.378	8.131	6.834	5.527	4.274	3.180	2.361
2991	29.90	1.893	1.762	1.848	1.959	1.901	1.562	0.961	0.255	-0.311	-0.489

Table 7—40—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1133 712-GR-1-6 FR. (HA.) EDOGAWA EMB. MAX. ACC. = 69.861 (GAL) T= 10.20 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	-0.112	0.858	2.317	4.063	5.860	7.495	8.821	9.770	10.338	10.559
3011	30.10	10.482	10.152	9.614	8.905	8.068	7.139	6.154	5.136	4.099	3.053
3021	30.20	2.011	0.999	0.062	-0.743	-1.362	-1.755	-1.911	-1.844	-1.578	-1.127
3031	30.30	-0.482	0.400	1.566	3.036	4.763	6.608	8.351	9.731	10.509	10.537
3041	30.40	9.788	8.360	6.433	4.213	1.883	-0.429	-2.637	-4.676	-6.479	-7.973
3051	30.50	-9.101	-9.846	-10.259	-10.442	-10.519	-10.585	-10.669	-10.736	-10.726	-10.610
3061	30.60	-10.440	-10.346	-10.497	-11.017	-11.907	-13.011	-14.036	-14.631	-14.486	-13.618
3071	30.70	-11.613	-8.617	-5.293	-1.769	1.611	4.525	6.706	7.986	8.356	7.981
3081	30.80	7.203	6.459	6.152	6.510	7.486	8.755	9.815	10.169	9.514	7.854
3091	30.90	5.498	2.946	0.709	-0.859	-1.637	-1.724	-1.333	-0.683	0.084	0.899
3101	31.00	1.715	2.440	2.910	2.920	2.315	1.076	-0.632	-2.483	-4.087	-5.111
3111	31.10	-5.370	-4.863	-3.745	-2.255	-0.650	0.845	2.036	2.760	2.879	2.312
3121	31.20	1.075	-0.680	-2.666	-4.501	-5.816	-6.339	-5.971	-4.797	-3.060	-0.990
3131	31.30	1.079	2.951	4.487	5.616	6.320	6.633	6.648	6.516	6.415	6.501
3141	31.40	6.837	7.364	7.797	7.880	7.297	5.892	3.679	0.963	-1.823	-4.177
3151	31.50	-5.658	-5.993	-5.121	-3.196	-0.537	2.420	5.217	7.439	8.785	9.120
3161	31.60	8.505	7.184	5.526	3.938	2.759	2.179	2.205	2.682	3.356	3.959
3171	31.70	4.279	4.194	3.675	2.762	1.548	0.159	-1.243	-2.470	-3.333	-3.685
3181	31.80	-3.471	-2.770	-1.787	-0.815	-0.144	0.026	-0.354	-1.171	-2.199	-3.177
3191	31.90	-3.903	-4.286	-4.362	-4.261	-4.154	-4.187	-4.442	-4.926	-5.578	-6.293
3201	32.00	-6.951	-7.442	-7.683	-7.622	-7.247	-6.579	-5.658	-4.585	-3.417	-2.270
3211	32.10	-1.265	-0.547	-0.263	-0.536	-1.422	-2.865	-4.683	-6.578	-8.202	-9.247
3221	32.20	-9.536	-9.067	-8.025	-6.697	-5.367	-4.213	-3.244	-2.310	-1.185	0.324
3231	32.30	2.266	4.498	6.705	8.495	9.516	9.572	8.683	7.070	5.085	3.104
3241	32.40	1.426	0.207	-0.555	-0.983	-1.259	-1.552	-1.968	-2.527	-3.166	-3.770
3251	32.50	-4.205	-4.353	-4.137	-3.531	-2.570	-1.337	0.035	1.388	2.552	3.378
3261	32.60	3.765	3.692	3.224	2.511	1.756	1.163	0.901	1.052	1.606	2.471
3271	32.70	3.514	4.606	5.652	6.604	7.453	8.199	8.825	9.294	9.552	9.561
3281	32.80	9.326	8.908	8.418	7.980	7.685	7.558	7.559	7.491	7.248	6.654
3291	32.90	5.409	4.098	2.190	0.025	-2.219	-4.360	-6.258	-7.745	-8.835	-9.522
3301	33.00	-9.873	-9.976	-9.920	-9.769	-9.548	-9.259	-8.894	-8.466	-8.015	-7.604
3311	33.10	-7.286	-7.072	-6.905	-6.671	-6.241	-5.527	-4.537	-3.391	-2.292	-1.452
3321	33.20	-1.013	-0.984	-1.235	-1.547	-1.695	-1.533	-1.043	-0.327	0.440	1.084
3331	33.30	1.487	1.600	1.430	1.003	0.336	-0.551	-1.618	-2.765	-3.823	-4.582
3341	33.40	-4.853	-4.529	-3.630	-2.288	-0.694	0.981	2.640	4.268	5.893	7.504
3351	33.50	9.001	10.184	10.805	10.669	9.725	8.114	6.139	4.179	2.574	1.538
3361	33.60	1.123	1.250	1.774	2.543	3.432	4.326	5.092	5.559	5.537	4.873
3371	33.70	3.524	1.607	-0.608	-2.767	-4.536	-5.702	-6.233	-6.255	-5.984	-5.626
3381	33.80	-5.291	-4.965	-4.526	-3.811	-2.680	-1.075	0.962	3.291	5.697	7.919
3391	33.90	9.680	10.727	10.880	10.083	8.435	6.199	3.754	1.508		

Table 7—41—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) T= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.757	3.165	4.500	5.794	7.019	8.062	8.749	8.922	8.511	7.563
11	0.10	6.220	4.662	2.946	1.169	-0.687	-2.583	-4.365	-5.749	-6.382	-5.969
21	0.20	-4.404	-1.861	1.333	4.620	7.574	9.917	11.579	12.626	13.140	13.115
31	0.30	12.436	10.953	8.637	5.685	2.564	-0.097	-1.698	-1.881	-0.678	1.508
41	0.40	4.051	6.326	7.911	8.701	8.866	8.609	8.185	7.587	6.650	5.142
51	0.50	2.929	0.093	-3.034	-5.961	-8.196	-9.412	-9.533	-8.736	-7.356	-5.751
61	0.60	-4.220	-2.939	-1.988	-1.388	-1.138	-1.207	-1.502	-1.835	-1.929	-1.483
71	0.70	-0.276	1.728	4.324	7.102	9.555	11.229	11.857	11.416	10.097	8.207
81	0.80	6.055	3.865	1.756	-0.222	-2.026	-3.571	-4.718	-5.312	-5.237	-4.463
91	0.90	-3.074	-1.258	0.717	2.537	3.876	4.440	4.026	2.600	0.361	-2.236
101	1.00	-4.546	-5.891	-5.273	-4.058	-1.075	2.465	5.678	7.806	8.464	7.750
111	1.10	6.155	4.337	2.833	1.868	1.309	0.807	0.019	-1.188	-2.659	-4.031
121	1.20	-4.929	-5.167	-4.853	-4.346	-4.084	-4.371	-5.222	-6.352	-7.300	-7.631
131	1.30	-7.118	-5.827	-4.072	-2.270	-0.776	0.256	0.810	1.126	1.395	1.739
141	1.40	2.140	2.443	2.423	1.877	0.708	-1.031	-3.138	-5.320	-7.278	-8.799
151	1.50	-9.820	-10.427	-10.788	-11.037	-11.158	-10.934	-10.006	-8.037	-4.917	-0.922
161	1.60	3.277	6.781	8.770	8.825	7.126	4.415	1.740	0.055	-0.137	1.069
171	1.70	2.974	4.779	5.762	5.664	4.626	3.223	1.969	1.160	0.755	0.457
181	1.80	-0.068	-0.973	-2.121	-3.148	-3.631	-3.292	-2.118	-0.351	1.621	3.414
191	1.90	4.744	5.456	5.489	4.839	3.568	1.845	-0.008	-1.547	-2.326	-2.097
201	2.00	-0.979	0.506	1.575	1.490	-0.110	-2.998	-6.400	-9.267	-10.699	-10.305
211	2.10	-8.343	-5.568	-2.864	-0.835	0.446	1.385	2.571	4.347	6.518	8.331
221	2.20	8.786	7.136	5.339	-1.741	-6.580	-9.539	-9.535	-6.523	-1.567	3.569
231	2.30	7.129	8.092	6.585	3.782	1.345	0.627	2.013	4.709	7.096	7.476
241	2.40	6.941	-0.130	-6.223	-10.828	-12.388	-10.137	-6.932	1.179	5.821	7.298
251	2.50	5.295	0.957	-3.476	-6.614	-6.782	-4.437	-0.943	1.950	2.954	1.816
261	2.60	-0.648	-3.033	-4.076	-3.265	-1.026	1.565	3.380	3.813	3.065	1.895
271	2.70	1.345	2.024	3.901	6.325	8.377	9.306	8.637	7.215	4.994	2.722
281	2.80	0.715	-1.001	-2.559	-4.073	-5.521	-6.770	-7.700	-8.317	-8.758	-9.167
291	2.90	-9.523	-9.536	-8.731	-6.697	-3.383	0.733	4.727	7.580	8.622	7.858
301	3.00	5.986	4.081	3.066	3.259	4.205	4.915	4.385	2.155	-1.385	-5.106
311	3.10	-7.627	-7.938	-5.882	-2.237	1.615	4.296	5.012	3.855	1.701	-0.238
321	3.20	-0.975	-0.174	1.751	3.865	5.153	4.958	3.225	0.469	-2.486	-4.849
331	3.30	-6.153	-6.362	-5.796	-4.926	-4.160	-3.694	-3.682	-3.296	-2.851	-1.907
341	3.40	-0.343	1.825	4.443	7.243	9.870	11.923	13.037	12.978	11.753	9.657
351	3.50	7.234	5.121	3.824	3.500	3.863	4.263	3.943	2.385	-0.416	-3.876
361	3.60	-7.023	-8.893	-8.969	-7.447	-5.190	-3.366	-2.913	-4.086	-6.298	-8.361
371	3.70	-9.016	-7.527	-4.936	0.466	4.573	7.070	7.434	5.987	3.662	1.401
381	3.80	-0.141	-1.007	-1.679	-2.662	-4.030	-5.235	-5.310	-3.381	0.757	6.324
391	3.90	11.689	14.932	14.604	10.347	3.091	-5.261	-12.513	-16.942	-17.812	-15.485
401	4.00	-11.115	-6.113	-1.635	1.717	3.902	5.222	6.026	6.480	6.488	5.774
411	4.10	4.061	1.271	-2.343	-6.164	-9.313	-10.870	-10.167	-7.073	-2.155	3.380
421	4.20	7.996	10.329	9.707	6.472	1.934	-2.066	-3.869	-2.566	1.452	6.815
431	4.30	11.443	14.309	14.058	11.218	6.940	2.609	-0.760	-2.873	-4.110	-5.168
441	4.40	-6.497	-8.185	-9.766	-10.584	-10.162	-8.427	-5.717	-2.559	0.607	3.583
451	4.50	6.346	8.820	10.671	11.292	10.043	6.673	1.601	-4.005	-8.595	-10.830
461	4.60	-10.154	-7.052	-2.834	0.956	3.235	3.816	3.378	2.983	3.406	4.637
471	4.70	5.839	5.794	3.616	-0.653	-5.893	-10.308	-12.210	-10.800	-6.567	-1.105
481	4.80	3.587	5.963	5.562	3.121	0.138	-1.868	-2.043	-0.499	1.861	3.878
491	4.90	4.713	4.188	2.742	1.084	-0.247	-1.138	-1.860	-2.776	-3.991	-5.182

Table 7—41—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) T= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-5.717	-5.010	-2.917	0.075	2.987	4.788	4.695	3.493	1.479	0.035
511	5.10	0.069	1.653	4.131	6.244	6.820	5.317	2.081	-1.827	-5.151	-7.025
521	5.20	-7.356	-6.798	-6.353	-6.807	-8.298	-10.225	-11.551	-11.326	-9.171	-5.474
531	5.30	-1.211	2.505	4.923	5.931	6.014	5.912	6.187	6.916	7.674	7.787
541	5.40	6.718	4.374	1.186	-2.074	-4.631	-6.016	-6.214	-5.583	-4.633	-3.772
551	5.50	-3.174	-2.796	-2.502	-2.204	-1.920	-1.735	-1.688	-1.699	-1.574	-1.111
561	5.60	-0.226	0.962	2.169	3.070	3.447	3.274	2.687	1.860	0.887	-0.254
571	5.70	-1.613	-3.113	-4.428	-5.016	-4.322	-2.080	1.448	5.455	8.835	10.616
581	5.80	10.372	8.414	5.631	3.063	1.403	0.683	0.330	-0.448	-2.137	-4.544
591	5.90	-6.800	-7.762	-6.623	-3.414	0.886	4.729	6.692	6.166	3.672	0.627
601	6.00	-1.345	-1.228	0.868	3.660	5.385	4.689	1.275	-3.793	-8.530	-10.919
611	6.10	-9.853	-5.682	-0.111	4.523	6.261	4.363	-0.389	-6.045	-10.324	-11.566
621	6.20	-9.263	-4.346	1.473	6.344	9.004	9.145	7.356	4.704	2.246	0.614
631	6.30	-0.096	-0.183	-0.057	0.008	-0.009	0.056	0.383	1.015	1.791	2.422
641	6.40	2.634	2.319	1.599	0.776	0.191	0.065	0.393	0.947	1.379	1.393
651	6.50	0.891	0.047	-0.740	-0.994	-0.365	1.208	3.422	5.673	7.248	7.552
661	6.60	6.321	3.711	0.248	-3.352	-6.412	-8.493	-9.474	-9.513	-8.902	-7.909
671	6.70	-6.668	-5.163	-3.301	-1.014	1.650	4.506	7.263	9.587	11.150	11.664
681	6.80	10.900	8.724	5.180	0.591	-4.380	-8.779	-11.557	-11.894	-9.519	-4.914
691	6.90	0.755	5.958	9.311	10.054	8.320	5.059	1.647	-0.660	-1.190	-0.052
701	7.00	2.008	4.007	5.185	5.301	4.649	3.807	3.252	3.075	2.908	2.132
711	7.10	0.236	-2.838	-6.558	-9.931	-11.879	-11.626	-9.111	-4.968	-0.365	3.597
721	7.20	5.322	5.019	2.788	-0.529	-3.853	-6.222	-7.060	-6.292	-4.292	-1.698
731	7.30	0.823	2.778	3.955	4.409	4.353	4.015	3.541	2.977	2.347	1.754
741	7.40	1.439	1.732	2.883	4.852	7.173	9.002	9.382	7.647	3.791	-1.393
751	7.50	-6.510	-10.062	-11.060	-9.455	-6.192	-2.798	-0.704	-0.571	-1.983	-3.656
761	7.60	-4.100	-2.412	1.165	5.244	7.872	7.434	3.472	-3.005	-9.877	-14.793
771	7.70	-16.178	-13.884	-9.189	-4.151	-0.632	0.526	-0.210	-1.434	-1.622	0.034
781	7.80	3.196	6.578	8.644	8.448	6.160	3.011	0.664	0.351	2.196	5.092
791	7.90	7.218	6.915	3.538	-2.161	-8.304	-12.691	-13.758	-11.249	-6.313	-0.927
801	8.00	2.724	3.582	1.443	-1.925	-5.411	-7.322	-6.975	-4.689	-1.562	1.040
811	8.10	2.040	1.019	-1.694	-5.204	-8.393	-10.269	-10.230	-8.177	-4.498	0.058
821	8.20	4.575	8.186	10.292	10.709	9.721	7.974	6.260	5.227	5.143	5.803
831	8.30	6.623	6.906	6.158	4.325	1.850	-0.493	-1.909	-1.912	-0.535	1.668
841	8.40	3.826	5.076	4.881	3.210	0.526	-2.399	-4.768	-6.027	-6.031	-5.043
851	8.50	-3.614	-2.364	-1.775	-2.032	-2.976	-4.162	-5.000	-4.935	-3.627	-1.072
861	8.60	2.355	5.968	8.922	10.443	10.060	7.770	4.083	-0.088	-3.680	-5.803
871	8.70	-6.015	-4.468	-1.852	0.854	2.719	3.180	2.200	0.228	-2.026	-3.886
881	8.80	-4.958	-5.209	-4.881	-4.300	-3.684	-3.060	-2.320	-1.366	-0.238	0.858
891	8.90	1.651	1.979	1.917	1.767	1.891	2.467	3.320	3.944	3.747	2.404
901	9.00	0.145	-2.221	-3.603	-3.126	-0.612	3.227	7.012	9.275	9.132	6.724
911	9.10	3.200	0.222	-0.795	0.665	3.968	7.629	9.996	10.015	7.688	4.041
921	9.20	0.618	-1.235	-0.953	1.060	3.693	5.671	6.103	4.787	2.171	-0.951
931	9.30	-3.810	-5.915	-7.099	-7.415	-6.993	-5.990	-4.630	-3.288	-2.469	-2.661
941	9.40	-4.071	-6.416	-8.906	-10.498	-10.338	-8.191	-6.630	-0.859	1.775	2.373
951	9.50	0.892	-1.827	-4.417	-5.580	-4.611	-1.661	2.497	6.677	9.942	11.796
961	9.60	12.214	11.466	9.842	7.513	4.565	1.149	-2.379	-5.486	-7.568	-8.314
971	9.70	-7.894	-6.831	-5.827	-5.377	-5.497	-5.703	-5.284	-3.743	-1.169	1.667
981	9.80	3.577	3.488	0.990	-3.353	-8.112	-11.485	-11.983	-9.012	-5.113	4.227
991	9.90	11.116	15.917	17.770	16.795	13.928	10.499	7.715	6.257	6.116	6.686

Table 7—41—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) T= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	7.069	6.455	4.444	1.204	-2.586	-5.978	-8.101	-8.480	-7.220	-4.962
1011	10.10	-2.655	-1.196	-1.102	-2.336	-4.340	-6.297	-7.449	-7.368	-6.088	-4.015
1021	10.20	-1.721	0.294	1.746	2.579	2.868	2.694	2.086	1.045	-0.360	-1.915
1031	10.30	-3.272	-4.060	-4.055	-3.304	-2.136	-1.014	-0.316	-0.135	-0.226	-0.109
1041	10.40	0.655	2.236	4.397	6.558	8.032	8.318	7.310	5.332	2.985	0.898
1051	10.50	-0.504	-1.107	-1.063	-0.644	-0.091	0.457	0.965	1.319	1.467	1.243
1061	10.60	0.557	-0.512	-1.681	-2.550	-2.796	-2.377	-1.634	-1.196	-1.714	-3.528
1071	10.70	-6.426	-9.642	-12.117	-12.928	-11.697	-8.796	-5.228	-2.231	-0.769	-1.132
1081	10.80	-2.829	-4.817	-5.964	-5.543	-3.529	-0.591	2.225	3.960	4.145	2.977
1091	10.90	1.194	-0.275	-0.714	0.088	1.789	3.684	5.037	5.399	4.776	3.588
1101	11.00	2.452	1.898	2.135	2.981	3.956	4.492	4.169	2.871	0.816	-1.557
1111	11.10	-3.762	-5.445	-6.487	-6.993	-7.196	-7.316	-7.450	-7.550	-7.373	-6.794
1121	11.20	-5.714	-4.255	-2.615	-1.165	-0.110	0.532	0.998	1.691	3.047	5.316
1131	11.30	8.410	11.874	14.970	16.902	17.121	15.495	12.475	8.970	6.102	4.846
1141	11.40	5.686	8.416	12.066	15.655	17.611	17.207	14.360	9.771	4.684	0.429
1151	11.50	-2.051	-2.545	-1.609	-0.310	0.241	-0.638	-2.929	-5.950	-8.681	-10.243
1161	11.60	-10.283	-9.126	-7.589	-6.585	-6.681	-7.839	-9.449	-10.635	-10.685	-9.373
1171	11.70	-7.049	-4.434	-2.256	-0.901	-0.274	0.084	0.689	1.783	3.171	4.307
1181	11.80	4.586	3.689	1.795	-0.461	-2.251	-2.930	-2.308	-0.712	1.207	2.804
1191	11.90	3.738	4.092	4.255	4.647	5.437	6.401	7.000	6.627	4.906	1.882
1201	12.00	-1.970	-5.926	-9.284	-11.586	-12.718	-12.869	-12.281	-11.291	-10.056	-8.660
1211	12.10	-7.170	-5.697	-4.405	-3.447	-2.868	-2.654	-2.558	-2.381	-1.990	-1.397
1221	12.20	-0.756	-0.271	-0.090	-0.224	-0.547	-0.869	-1.046	-1.051	-0.986	-1.003
1231	12.30	-1.198	-1.526	-1.783	-1.686	-0.992	0.376	2.271	4.342	6.163	7.316
1241	12.40	7.556	6.868	5.568	3.452	1.520	0.004	-0.725	-0.421	0.979	3.315
1251	12.50	6.207	9.109	11.461	12.744	12.833	11.863	10.286	8.692	7.590	7.206
1261	12.60	7.395	7.697	7.531	6.445	4.330	1.484	-1.477	-3.853	-5.121	-5.132
1271	12.70	-4.150	-2.721	-1.447	-0.738	-0.669	-0.979	-1.216	-0.942	0.069	1.735
1281	12.80	3.688	5.387	6.282	5.958	4.226	1.165	-2.891	-7.394	-11.658	-14.971
1291	12.90	-16.741	-16.644	-14.733	-11.451	-7.522	-3.742	-0.747	1.158	2.027	2.155
1301	13.00	1.883	1.621	0.794	-0.062	-1.121	-2.111	-2.523	-1.801	0.341	3.635
1311	13.10	7.197	9.753	10.120	7.760	3.020	-2.710	-7.638	-10.164	-9.540	-6.181
1321	13.20	-1.502	2.665	4.810	4.328	1.694	-1.836	-4.826	-6.298	-6.110	-4.923
1331	13.30	-3.809	-3.702	-4.960	-7.225	-9.625	-11.179	-11.228	-9.675	-6.973	-3.896
1341	13.40	-1.235	0.454	0.952	0.350	-1.047	-2.824	-4.507	-5.607	-5.695	-4.514
1351	13.50	-2.121	1.039	4.192	6.457	7.183	6.236	4.112	1.796	0.382	0.633
1361	13.60	2.660	5.880	9.281	11.859	13.041	12.878	11.933	10.928	10.334	10.123
1371	13.70	9.807	8.748	6.572	3.470	0.221	-2.103	-2.603	-0.990	2.230	5.900
1381	13.80	8.643	9.359	7.607	3.690	-1.531	-7.011	-11.862	-15.557	-17.914	-18.942
1391	13.90	-18.670	-17.079	-14.164	-10.080	-5.257	-0.387	3.742	6.507	7.686	7.539
1401	14.00	6.701	5.919	5.752	6.366	7.506	8.635	9.129	8.746	7.254	4.918
1411	14.10	2.150	-0.577	-2.826	-4.250	-4.607	-3.775	-1.796	1.086	4.416	7.592
1421	14.20	10.010	11.237	11.152	9.970	8.143	6.159	4.343	2.744	1.165	-0.683
1431	14.30	-2.984	-5.682	-8.682	-10.977	-12.814	-13.919	-14.456	-14.761	-15.131	-15.654
1441	14.40	-16.137	-16.196	-15.449	-13.234	-11.229	-8.420	-5.910	-4.184	-3.400	-3.328
1451	14.50	-3.447	-3.148	-1.975	0.223	3.250	6.648	9.845	12.307	13.644	13.652
1461	14.60	12.316	9.794	6.402	2.596	-1.081	-4.089	-6.011	-6.679	-6.230	-5.073
1471	14.70	-3.751	-2.753	-2.336	-2.440	-2.721	-2.708	-1.991	-0.394	1.965	4.718
1481	14.80	7.385	9.538	10.916	11.475	11.341	10.735	9.881	8.952	8.059	7.268
1491	14.90	6.624	6.167	5.929	5.931	6.174	6.646	7.319	8.149	9.064	9.962

Table 7—41—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) T= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	10.616	10.901	10.658	9.859	8.662	7.297	6.195	5.659	5.842	6.651
1511	15.10	7.752	8.665	8.904	8.107	6.123	3.011	-1.005	-5.617	-10.494	-15.318
1521	15.20	-19.789	-23.626	-26.588	-28.497	-29.272	-28.936	-27.589	-25.366	-22.384	-18.747
1531	15.30	-14.570	-10.067	-5.493	-1.326	2.014	4.201	5.135	4.995	4.179	3.164
1541	15.40	2.351	1.954	1.992	2.363	2.949	3.679	4.514	5.356	5.968	5.965
1551	15.50	4.930	2.632	-0.770	-4.646	-8.008	-9.825	-9.398	-6.657	-2.217	2.837
1561	15.60	7.349	10.514	12.120	12.521	12.356	12.166	12.104	11.867	10.892	8.706
1571	15.70	5.236	0.938	-3.340	-6.692	-8.515	-8.738	-7.801	-6.427	-5.285	-4.734
1581	15.80	-4.738	-4.991	-5.147	-5.035	-4.721	-4.426	-4.323	-4.378	-4.305	-3.689
1591	15.90	-2.207	0.163	3.075	5.916	8.048	9.055	8.891	7.847	6.374	4.853
1601	16.00	3.465	2.092	0.655	-0.883	-2.296	-3.149	-2.991	-1.615	0.747	3.420
1611	16.10	5.493	6.167	5.093	2.536	-0.698	-3.568	-5.196	-5.189	-3.766	-1.629
1621	16.20	0.337	1.405	1.254	0.023	-1.806	-3.639	-4.988	-5.613	-5.536	-4.968
1631	16.30	-4.194	-3.476	-2.983	-2.763	-2.734	-2.690	-2.338	-1.373	0.399	2.937
1641	16.40	5.894	8.647	10.477	10.819	9.519	6.952	3.945	1.497	0.400	0.917
1651	16.50	2.657	4.713	6.016	5.758	3.713	0.323	-3.482	-6.646	-8.375	-8.389
1661	16.60	-6.961	-4.747	-2.494	-0.763	0.221	0.567	0.583	0.592	0.780	1.131
1671	16.70	1.460	1.507	1.057	0.030	-1.474	-3.198	-4.796	-5.936	-6.413	-6.225
1681	16.80	-5.590	-4.885	-4.511	-4.762	-5.598	-6.824	-7.967	-8.552	-8.265	-7.082
1691	16.90	-5.263	-3.238	-1.421	-0.050	0.879	1.557	2.220	3.009	3.891	4.695
1701	17.00	5.297	5.311	5.033	4.525	3.969	3.481	3.073	2.695	2.368	2.121
1711	17.10	2.223	2.858	4.067	5.609	6.969	7.528	6.823	4.808	1.952	-0.870
1721	17.20	-2.682	-2.779	-1.012	2.142	5.765	8.845	10.645	10.936	10.009	8.668
1731	17.30	6.932	5.774	5.009	4.373	3.528	2.279	0.705	-0.860	-1.980	-2.332
1741	17.40	-1.871	-0.882	0.103	0.496	-0.142	-1.938	-4.650	-7.786	-10.656	-12.664
1751	17.50	-13.409	-12.787	-10.978	-8.370	-5.430	-2.587	-0.142	1.763	3.130	4.054
1761	17.60	4.675	5.139	5.574	6.087	6.747	7.560	8.444	9.220	9.630	9.454
1771	17.70	8.516	6.854	4.702	2.440	0.471	-0.929	-1.719	-2.105	-2.448	-3.093
1781	17.80	-4.210	-5.703	-7.243	-8.409	-8.872	-8.541	-7.606	-6.453	-5.505	-5.044
1791	17.90	-5.115	-5.536	-6.007	-6.262	-6.188	-5.862	-5.492	-5.310	-5.464	-5.959
1801	18.00	-6.679	-7.446	-8.101	-8.539	-8.715	-8.603	-8.165	-7.349	-6.120	-4.503
1811	18.10	-2.612	-0.627	1.278	3.010	4.613	6.244	8.086	10.225	12.567	14.822
1821	18.20	16.608	17.591	17.631	16.835	15.489	13.910	12.278	10.554	8.533	6.018
1831	18.30	3.025	-0.089	-2.669	-3.982	-3.531	-1.325	2.033	5.510	7.985	8.657
1841	18.40	7.321	4.609	0.770	-2.691	-5.359	-7.077	-8.081	-8.759	-9.372	-9.894
1851	18.50	-10.046	-9.496	-8.108	-6.084	-3.911	-2.138	-1.097	-0.723	-0.588	-0.127
1861	18.60	1.036	2.853	4.832	6.251	6.508	5.434	3.400	1.155	-0.511	-1.132
1871	18.70	-0.763	0.076	0.680	0.502	-0.599	-2.362	-4.213	-5.756	-6.797	-7.480
1881	18.80	-8.105	-8.887	-9.761	-10.382	-10.300	-9.243	-7.326	-5.072	-3.215	-2.372
1891	18.90	-2.756	-6.069	-5.639	-6.723	-6.846	-5.990	-4.562	-3.171	-2.327	-2.218
1901	19.00	-2.664	-3.241	-3.501	-3.165	-2.124	-0.735	1.005	2.865	4.755	6.601
1911	19.10	8.259	9.474	9.942	9.426	7.894	5.580	2.932	0.467	-1.593	-2.432
1921	19.20	-2.642	-2.140	-1.058	0.515	2.508	4.789	7.091	9.018	10.154	10.241
1931	19.30	9.311	7.719	6.020	4.237	4.149	4.175	4.451	4.532	4.138	3.307
1941	19.40	2.379	1.806	1.910	2.693	3.811	4.754	4.997	4.436	3.270	2.012
1951	19.50	1.231	1.306	2.267	3.803	5.416	6.628	7.178	7.061	6.469	5.458
1961	19.60	4.816	3.995	3.139	2.158	1.002	-0.306	-1.693	-3.094	-4.488	-5.904
1971	19.70	-7.380	-8.908	-10.401	-11.713	-12.691	-13.261	-13.363	-13.135	-12.652	-11.961
1981	19.80	-11.052	-9.785	-8.171	-6.263	-4.298	-2.644	-1.677	-1.631	-2.471	-3.862
1991	19.90	-5.249	-6.042	-5.812	-4.451	-2.205	0.422	2.851	4.636	5.600	5.860

Table 7—41—5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) I= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	5.729	5.550	5.536	5.690	5.836	5.739	5.257	4.441	3.532	2.855
2011	20.10	2.657	2.970	3.576	4.090	4.138	3.537	2.398	1.088	0.048	-0.324
2021	20.20	-0.061	0.663	1.245	1.507	0.614	-0.692	-2.158	-3.225	-3.478	-2.843
2031	20.30	-1.628	-0.388	0.321	0.195	-0.680	-1.865	-2.746	-2.820	-1.893	-0.167
2041	20.40	1.348	3.551	4.493	4.546	3.933	3.108	2.563	2.515	2.967	3.615
2051	20.50	3.886	3.323	1.682	-0.937	-4.101	-7.170	-9.485	-10.561	-10.212	-8.579
2061	20.60	-6.075	-3.250	-0.661	1.257	2.249	2.266	1.443	0.059	-1.517	-2.892
2071	20.70	-3.724	-3.798	-3.094	-1.810	-0.313	0.964	1.670	1.467	1.092	0.313
2081	20.80	-0.205	-0.092	0.778	2.223	3.824	5.082	5.616	5.304	4.310	3.007
2091	20.90	1.815	1.043	0.803	1.006	1.455	1.949	2.369	2.700	2.990	3.288
2101	21.00	3.593	3.845	3.965	3.905	3.687	3.403	3.176	3.100	3.199	3.412
2111	21.10	3.611	3.652	3.446	2.845	1.953	0.824	-0.402	-1.550	-2.440	-2.925
2121	21.20	-2.932	-2.499	-1.779	-1.008	-0.431	-0.223	-0.429	-0.947	-1.583	-2.133
2131	21.30	-2.482	-2.658	-2.818	-3.182	-3.924	-5.084	-6.526	-7.967	-9.064	-9.536
2141	21.40	-9.256	-8.314	-6.995	-5.707	-4.853	-4.700	-5.276	-6.337	-7.413	-7.944
2151	21.50	-7.457	-5.743	-2.946	0.451	3.768	6.354	7.790	8.027	7.365	6.307
2161	21.60	5.348	4.780	4.617	4.646	4.590	4.282	3.766	3.279	3.121	3.481
2171	21.70	4.315	5.345	6.168	6.433	6.004	5.014	3.813	2.815	2.346	2.537
2181	21.80	3.315	4.473	5.763	6.963	7.894	8.391	8.284	7.410	5.678	3.152
2191	21.90	0.090	-3.079	-5.881	-7.948	-9.148	-9.616	-9.673	-9.659	-9.763	-9.935
2201	22.00	-9.915	-9.382	-8.137	-6.238	-4.025	-2.009	-0.686	-0.343	-0.977	-2.290
2211	22.10	-3.832	-5.172	-6.043	-6.400	-6.386	-6.223	-6.098	-6.086	-6.136	-6.126
2221	22.20	-5.942	-5.530	-4.925	-4.227	-3.540	-2.921	-2.344	-1.713	-0.910	0.147
2231	22.30	1.466	2.853	4.160	5.128	5.584	5.486	4.941	4.194	3.527	3.167
2241	22.40	3.201	3.543	3.979	4.261	4.209	3.798	3.165	2.549	2.179	2.175
2251	22.50	2.490	2.930	3.251	3.268	2.948	2.430	1.960	1.779	2.002	2.559
2261	22.60	3.206	3.625	3.548	2.874	1.710	0.363	-0.872	-1.630	-1.779	-1.352
2271	22.70	-0.536	0.423	1.300	1.972	2.430	2.742	2.990	3.202	3.329	3.251
2281	22.80	2.830	1.981	0.722	-0.801	-2.344	-3.630	-4.421	-4.586	-4.129	-3.170
2291	22.90	-1.899	-0.504	0.876	2.172	3.374	4.486	5.480	6.284	6.750	6.865
2301	23.00	6.401	5.456	4.303	2.514	0.878	-0.660	-1.931	-2.965	-3.671	-4.108
2311	23.10	-4.247	-4.070	-3.571	-2.773	-1.748	-0.606	0.528	1.561	2.354	2.922
2321	23.20	3.223	3.232	2.918	2.246	1.210	-0.148	-1.719	-3.345	-4.856	-6.112
2331	23.30	-7.043	-7.650	-7.990	-8.142	-8.173	-8.120	-7.998	-7.809	-7.549	-7.205
2341	23.40	-6.735	-6.062	-5.082	-3.702	-1.898	0.236	2.479	4.524	6.068	6.906
2351	23.50	7.007	6.518	5.706	4.856	4.175	3.742	3.519	3.415	3.364	3.375
2361	23.60	3.519	3.877	4.467	5.200	5.884	6.296	6.239	5.719	4.761	3.573
2371	23.70	2.369	1.320	0.510	-0.052	-0.398	-0.559	-0.548	-0.372	-0.069	0.274
2381	23.80	0.524	0.548	0.267	-0.307	-1.062	-1.837	-2.486	-2.935	-3.201	-3.365
2391	23.90	-3.512	-3.678	-3.832	-3.902	-3.828	-3.609	-3.317	-3.063	-2.926	-2.899
2401	24.00	-2.864	-2.641	-2.059	-1.050	0.312	1.827	3.246	4.372	5.124	5.567
2411	24.10	5.762	5.877	5.918	5.817	5.456	4.758	3.767	2.668	1.733	1.207
2421	24.20	1.179	1.509	1.848	1.752	0.858	-0.952	-3.474	-6.208	-8.512	-9.804
2431	24.30	-9.755	-8.393	-6.091	-3.431	-1.016	0.711	1.574	1.667	1.261	0.686
2441	24.40	0.103	-0.355	-0.771	-1.267	-1.933	-2.761	-3.640	-4.406	-4.908	-5.075
2451	24.50	-4.924	-4.535	-3.992	-3.335	-2.551	-1.607	-0.504	0.671	1.745	2.502
2461	24.60	2.770	2.693	1.770	0.826	-0.071	-0.704	-0.988	-0.979	-0.839	-0.750
2471	24.70	-0.843	-1.152	-1.622	-2.147	-2.618	-2.951	-3.103	-3.053	-2.802	-2.376
2481	24.80	-1.841	-1.312	-0.939	-0.859	-1.133	-1.696	-2.355	-2.853	-2.969	-2.615
2491	24.90	-1.892	-1.044	-0.355	-0.010	0.000	-0.111	-0.023	0.563	1.688	3.272

Table 7—41—6 TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -29.272 (GAL) I= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	4.970	6.409	7.323	7.660	7.578	7.350	7.217	7.278	7.457	7.570
2511	25.10	7.449	7.050	6.488	5.990	5.772	5.927	6.366	6.860	7.139	7.022
2521	25.20	6.485	5.660	4.746	3.903	3.176	2.484	1.692	0.705	-0.452	-1.633
2531	25.30	-2.622	-3.244	-3.453	-3.366	-3.211	-3.259	-3.702	-4.597	-5.858	-7.301
2541	25.40	-8.709	-9.896	-10.739	-11.180	-11.221	-10.913	-10.356	-9.689	-9.068	-8.625
2551	25.50	-8.422	-8.423	-8.498	-8.482	-8.240	-7.734	-7.035	-6.274	-5.560	-4.908
2561	25.60	-4.207	-3.276	-1.964	-0.260	1.661	3.475	4.830	5.501	5.491	5.036
2571	25.70	4.508	4.244	4.406	4.919	5.527	5.941	5.996	5.752	5.470	5.490
2581	25.80	6.063	7.216	8.721	10.179	11.179	11.457	10.989	9.972	8.728	7.556
2591	25.90	6.630	5.957	5.422	4.873	4.208	3.420	2.587	1.825	1.251	0.845
2601	26.00	0.651	0.589	0.579	0.536	0.371	-0.017	-0.725	-1.823	-3.315	-5.116
2611	26.10	-7.049	-8.883	-10.395	-11.432	-11.946	-11.987	-11.660	-11.064	-10.256	-9.240
2621	26.20	-8.003	-6.559	-4.990	-3.437	-2.062	-0.983	-0.213	0.350	0.889	1.583
2631	26.30	2.527	3.667	4.808	5.674	6.010	5.677	4.713	3.332	1.857	0.628
2641	26.40	-0.090	-0.168	0.371	1.381	2.638	3.892	4.907	5.489	5.511	4.928
2651	26.50	3.806	2.319	0.733	-0.666	-1.550	-1.831	-1.503	-0.746	0.164	0.946
2661	26.60	1.411	1.519	1.363	1.110	0.908	0.820	0.812	0.797	0.711	0.578
2671	26.70	0.524	0.722	1.302	2.254	3.393	4.401	4.930	4.737	3.780	2.236
2681	26.80	0.444	-1.221	-2.461	-3.132	-3.254	-2.958	-2.418	-1.785	-1.172	-0.645
2691	26.90	-0.267	0.009	0.152	0.272	0.504	0.988	1.783	2.803	3.796	4.404
2701	27.00	4.296	3.315	1.581	-0.516	-2.444	-3.723	-4.113	-3.713	-2.909	-2.207
2711	27.10	-2.024	-2.512	-3.524	-4.698	-5.637	-6.090	-6.060	-5.683	-5.294	-5.079
2721	27.20	-5.069	-5.120	-5.008	-4.559	-3.759	-2.766	-1.830	-1.185	-0.909	-0.898
2731	27.30	-0.906	-0.666	-0.010	1.058	2.371	3.677	4.752	5.491	5.932	6.224
2741	27.40	6.539	6.989	7.577	8.193	8.660	8.798	8.487	7.704	6.526	5.116
2751	27.50	3.680	2.428	1.528	1.074	1.063	1.404	1.941	2.498	2.924	3.129
2761	27.60	3.089	2.825	2.373	1.769	0.942	-0.066	-1.271	-2.612	-3.972	-5.206
2771	27.70	-6.193	-6.892	-7.361	-7.741	-8.196	-8.856	-9.685	-10.635	-11.523	-12.171
2781	27.80	-12.466	-12.393	-12.026	-11.480	-10.852	-10.178	-9.426	-8.532	-7.467	-6.183
2791	27.90	-4.826	-3.511	-2.365	-1.464	-0.789	-0.245	0.310	0.997	1.870	2.896
2801	28.00	3.958	4.907	5.605	5.974	6.010	5.779	5.387	4.946	4.543	4.227
2811	28.10	4.010	3.878	3.801	3.752	3.710	3.666	3.618	3.589	3.604	3.693
2821	28.20	3.671	4.122	4.387	4.563	4.527	4.169	3.641	2.981	1.125	-0.129
2831	28.30	-1.148	-1.832	-2.057	-1.886	-1.440	-0.867	-0.278	0.284	0.853	1.482
2841	28.40	2.205	2.977	3.669	4.090	4.056	3.467	2.562	0.936	-0.515	-1.654
2851	28.50	-2.218	-2.089	-1.331	-0.167	1.084	2.101	2.649	2.436	2.118	1.272
2861	28.60	0.327	-0.508	-1.095	-1.400	-1.479	-1.658	-1.683	-1.686	-2.168	-2.900
2871	28.70	-3.903	-5.056	-6.216	-7.219	-7.918	-8.223	-8.134	-7.745	-7.220	-6.735
2881	28.80	-6.414	-6.276	-6.217	-6.073	-5.670	-4.919	-3.857	-2.631	-1.440	-0.436
2891	28.90	0.336	0.957	1.577	2.337	3.278	4.321	5.300	6.049	6.491	6.681
2901	29.00	6.775	6.945	7.284	7.747	8.180	8.400	8.310	7.961	7.537	7.266
2911	29.10	7.276	7.527	7.781	7.710	7.050	5.735	3.956	2.096	0.575	-0.301
2921	29.20	-0.468	-0.101	0.484	0.971	1.172	1.068	0.746	0.407	0.067	-0.270
2931	29.30	-0.690	-1.268	-2.000	-2.778	-3.428	-3.789	-3.777	-3.428	-2.864	-2.238
2941	29.40	-1.669	-1.216	-0.887	-0.669	-0.661	-0.877	-1.405	-2.245	-3.283	-4.296
2951	29.50	-5.005	-5.177	-4.712	-3.692	-2.351	-1.004	0.071	0.712	0.922	0.841
2961	29.60	0.685	0.666	0.911	1.444	2.174	2.962	3.577	3.954	4.039	3.899
2971	29.70	3.678	3.542	3.408	3.887	4.267	4.556	4.556	4.158	3.401	2.466
2981	29.80	1.604	1.023	0.790	0.792	0.790	0.531	-0.118	-1.093	-2.145	-2.950
2991	29.90	-3.292	-2.985	-2.516	-1.571	-1.096	-1.107	-1.609	-2.396	-3.162	-3.629

Table 7—41—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1134 712-GR-1-6 U-D (U-D) EOOGAWA EMB. MAX. ACC. = -29.272 (GAL) T= 15.25 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.659	-3.291	-2.698	-2.090	-1.425	-1.362	-1.269	-1.277	-1.336	-1.437
3011	30.10	-1.406	-1.862	-2.189	-2.522	-2.779	-2.901	-2.886	-2.790	-2.702	-2.694
3021	30.20	-2.789	-2.958	-3.141	-3.296	-3.424	-3.577	-3.821	-4.192	-4.666	-5.160
3031	30.30	-5.481	-5.560	-5.306	-4.735	-3.936	-3.047	-2.205	-1.520	-1.048	-0.792
3041	30.40	-0.702	-0.691	-0.648	-0.446	-0.076	0.524	1.263	1.924	2.387	2.507
3051	30.50	2.273	1.815	1.363	1.165	1.378	1.991	2.816	3.554	3.913	3.728
3061	30.60	3.032	2.042	1.077	0.432	0.266	0.563	1.150	1.783	2.246	2.418
3071	30.70	2.299	1.974	1.563	1.165	0.842	0.605	0.447	0.354	0.511	0.297
3081	30.80	0.277	0.216	0.082	-0.104	-0.283	-0.357	-0.234	0.128	0.686	1.306
3091	30.90	1.808	2.038	1.918	1.487	0.891	0.327	-0.023	-0.046	0.268	0.844
3101	31.00	1.556	2.266	2.855	3.232	3.339	3.146	2.663	1.947	1.103	0.279
3111	31.10	-0.391	-0.815	-0.982	-0.966	-0.890	-0.863	-0.920	-1.004	-0.987	-0.739
3121	31.20	-0.207	0.536	1.294	1.833	1.959	1.620	0.928	0.124	-0.522	-0.818
3131	31.30	-0.718	-0.332	0.139	0.503	0.652	0.601	0.449	0.311	0.241	0.205
3141	31.40	0.102	-0.173	-0.659	-1.293	-1.934	-2.426	-2.681	-2.722	-2.673	-2.691
3151	31.50	-2.876	-3.200	-3.496	-3.517	-3.035	-1.942	-0.308	1.635	3.570	5.198
3161	31.60	6.326	6.905	7.011	6.785	6.362	5.822	5.189	4.435	3.635	2.706
3171	31.70	1.802	0.991	0.368	-0.101	-0.385	-0.570	-0.731	-0.919	-1.143	-1.367
3181	31.80	-1.528	-1.558	-1.411	-1.082	-0.610	-0.068	0.447	0.847	1.069	1.094
3191	31.90	0.949	0.696	0.403	0.119	-0.143	-0.413	-0.740	-1.161	-1.667	-2.190
3201	32.00	-2.612	-2.804	-2.867	-2.174	-1.386	-0.437	0.497	1.246	1.678	1.719
3211	32.10	1.349	0.596	-0.475	-1.763	-3.138	-4.448	-5.537	-6.283	-6.633	-6.618
3221	32.20	-6.348	-5.968	-5.604	-5.307	-5.035	-4.676	-4.107	-3.264	-2.189	-1.029
3231	32.30	0.015	0.767	1.454	1.933	1.968	1.955	1.933	1.916	2.195	2.586
3241	32.40	2.720	2.529	2.076	1.530	1.082	0.853	0.835	0.896	0.845	0.535
3251	32.50	-0.056	-0.796	-1.440	-1.742	-1.544	-0.853	0.166	1.245	2.211	2.876
3261	32.60	3.260	3.460	3.585	3.683	3.702	3.526	3.047	2.252	1.259	0.300
3271	32.70	-0.374	-0.593	-0.351	0.186	0.737	1.034	0.911	0.572	-0.428	-1.258
3281	32.80	-1.912	-2.279	-2.367	-2.266	-2.082	-1.883	-1.678	-1.434	-1.126	-0.767
3291	32.90	-0.425	-0.193	-0.150	-0.327	-0.700	-1.212	-1.808	-2.458	-3.159	-3.902
3301	33.00	-4.633	-5.241	-5.574	-5.495	-4.950	-4.004	-2.840	-1.698	-0.786	-0.208
3311	33.10	0.074	0.203	0.357	0.658	1.127	1.673	2.154	2.442	2.492	2.352
3321	33.20	2.139	1.973	1.925	1.974	2.044	2.032	1.870	1.566	1.200	0.895
3331	33.30	0.765	0.863	1.161	1.547	1.868	1.967	1.739	1.161	0.302	-0.689
3341	33.40	-1.619	-2.308	-2.633	-2.571	-2.199	-1.675	-1.169	-0.828	-0.706	-0.766
3351	33.50	-0.892	-0.984	-0.891	-0.656	-0.307	0.066	0.591	0.640	0.835	1.028
3361	33.60	1.254	1.504	1.722	1.835	1.792	1.612	1.388	1.263	1.386	1.853
3371	33.70	2.679	3.798	5.085	6.397	7.604	8.597	9.296	9.640	9.594	9.160
3381	33.80	8.394	7.408	6.348	5.357	4.529	3.880	3.362	2.895	2.424	1.961
3391	33.90	1.582	1.391	1.452	1.732	2.090	2.308	2.180	1.594	0.592	-0.642

Table 7—42—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	4.018	6.120	7.490	7.981	7.652	6.726	5.499	4.254	3.189	2.409
11	0.10	1.936	1.748	1.800	2.037	2.384	2.741	2.985	3.007	2.743	2.217
21	0.20	1.553	0.965	0.606	0.695	1.261	2.222	3.383	4.495	5.322	5.700
31	0.30	5.567	4.961	3.988	2.793	1.526	0.326	-0.675	-1.360	-1.634	-1.441
41	0.40	-0.788	0.239	1.486	2.758	3.871	4.698	5.196	5.406	5.413	5.300
51	0.50	5.100	4.782	4.274	3.513	2.496	1.318	0.163	-0.762	-1.196	-1.087
61	0.60	-0.444	0.585	1.766	2.853	3.644	4.029	4.000	3.633	3.057	2.422
71	0.70	1.868	1.499	1.360	1.430	1.607	1.729	1.612	1.100	0.129	-1.237
81	0.80	-2.804	-4.297	-5.439	-6.035	-6.032	-5.521	-4.689	-3.731	-2.774	-1.829
91	0.90	-0.804	0.426	1.957	3.684	5.482	7.047	8.079	8.358	7.808	6.514
101	1.00	4.685	2.584	0.455	-1.522	-3.238	-4.639	-5.694	-6.376	-6.665	-6.577
111	1.10	-6.183	-5.617	-5.055	-4.659	-4.521	-4.619	-4.816	-4.907	-4.691	-4.058
121	1.20	-3.034	-1.778	-0.529	0.485	1.139	1.654	1.584	1.742	2.105	2.723
131	1.30	3.489	4.172	4.510	4.319	3.576	2.437	1.180	0.101	-0.598	-0.878
141	1.40	-0.869	-0.797	-0.892	-1.286	-1.976	-2.827	-3.644	-4.241	-4.500	-4.386
151	1.50	-3.930	-3.188	-2.218	-1.075	0.171	1.405	2.472	3.190	3.403	3.032
161	1.60	2.107	0.764	-0.789	-2.316	-3.600	-4.465	-4.786	-4.483	-3.539	-2.008
171	1.70	-0.041	2.123	4.102	5.841	6.877	7.191	6.817	5.877	4.524	2.885
181	1.80	1.049	-0.901	-2.836	-4.550	-5.779	-6.276	-5.913	-4.756	-3.072	-1.248
191	1.90	0.340	1.454	2.069	2.265	2.219	2.095	1.881	1.504	0.908	0.161
201	2.00	-0.502	-0.757	-0.345	0.753	2.235	3.537	4.046	3.392	1.554	-0.903
211	2.10	-3.186	-4.481	-4.317	-2.747	-0.353	1.975	3.378	3.336	1.851	-0.588
221	2.20	-3.193	-5.161	-5.921	-5.276	-3.618	-0.827	1.873	4.071	5.290	5.279
231	2.30	4.053	1.900	-0.675	-3.062	-4.698	-5.232	-4.629	-3.176	-1.390	0.176
241	2.40	1.114	1.288	0.849	0.132	-0.506	-0.823	-0.768	-0.450	-0.048	0.296
251	2.50	0.535	0.706	0.873	1.064	1.246	1.355	1.360	1.313	1.354	1.665
261	2.60	2.272	3.159	4.056	4.610	4.505	3.601	2.017	0.100	-1.691	-2.965
271	2.70	-3.546	-3.529	-3.219	-2.990	-3.102	-3.580	-4.186	-4.519	-4.182	-2.966
281	2.80	-0.979	1.555	3.405	4.541	4.351	2.801	0.278	-2.519	-4.785	-5.866
291	2.90	-5.466	-3.730	-1.213	1.323	3.143	3.763	3.084	1.395	-0.741	-2.669
301	3.00	-3.834	-3.918	-2.901	-1.041	1.202	3.276	4.653	4.936	3.950	1.795
311	3.10	-1.167	-4.275	-6.896	-8.395	-8.405	-6.919	-4.301	-1.184	1.710	3.780
321	3.20	4.699	4.423	3.385	1.858	0.299	-1.017	-1.996	-2.679	-3.157	-3.584
331	3.30	-3.620	-3.439	-2.784	-1.548	0.251	2.437	4.690	6.605	7.789	7.960
341	3.40	7.035	5.173	2.756	0.316	-1.597	-2.566	-2.427	-1.335	0.277	1.817
351	3.50	2.721	2.629	1.509	-0.333	-2.358	-3.971	-4.721	-4.435	-3.258	-1.570
361	3.60	0.168	1.583	2.506	2.989	3.221	3.388	3.554	3.600	3.283	2.358
371	3.70	0.740	-1.397	-3.621	-5.359	-6.087	-5.521	-3.726	-1.101	1.744	4.184
381	3.80	5.753	6.349	5.729	4.446	2.736	0.942	-0.629	-1.715	-2.107	-1.690
391	3.90	-0.504	1.201	2.963	4.199	4.374	3.193	0.739	-2.515	-5.832	-8.449
401	4.00	-9.810	-9.717	-8.367	-6.122	-3.529	-0.957	1.368	3.354	4.942	6.036
411	4.10	6.483	6.146	5.000	3.206	1.099	-0.903	-2.424	-3.227	-3.236	-2.474
421	4.20	-0.987	1.197	4.021	7.285	10.540	13.091	14.146	13.099	9.838	4.913
431	4.30	-0.533	-5.094	-7.589	-7.507	-5.233	-1.925	0.913	2.005	0.787	-2.378
441	4.40	-6.362	-9.713	-11.217	-10.330	-7.350	-3.251	0.709	3.445	4.398	3.648
451	4.50	1.791	-0.346	-2.026	-2.826	-2.718	-1.978	-1.019	-0.210	0.244	0.322
461	4.60	0.131	-0.182	-0.514	-0.828	-1.131	-1.412	-1.602	-1.560	-1.130	-0.219
471	4.70	1.115	2.624	3.910	4.527	4.137	2.643	0.262	-2.506	-4.994	-6.548
481	4.80	-6.702	-5.308	-2.583	0.942	4.529	7.397	8.891	8.628	6.607	3.233
491	4.90	-0.743	-4.389	-6.823	-7.468	-6.235	-3.571	-0.326	2.522	4.209	4.446

Table 7—42—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	3.515	2.131	1.138	1.155	2.314	4.220	6.133	7.299	7.286	6.163
511	5.10	4.454	2.892	2.075	2.201	2.982	3.794	3.961	3.071	1.154	-1.338
521	5.20	-3.730	-5.424	-6.131	-5.969	-5.368	-4.850	-4.792	-5.275	-6.076	-6.797
531	5.30	-7.055	-6.643	-5.593	-4.131	-2.555	-1.109	0.087	1.035	1.788	2.386
541	5.40	2.810	3.003	2.928	2.424	2.219	1.889	1.772	1.890	2.119	2.232
551	5.50	1.992	1.257	0.044	-1.492	-3.134	-4.599	-6.107	-7.360	-8.464	-9.330
561	5.60	-9.719	-9.290	-7.738	-4.983	-1.298	2.687	6.140	8.296	8.731	7.530
571	5.70	5.255	2.741	0.781	-0.163	-0.095	0.574	1.251	1.445	0.979	0.053
581	5.80	-0.879	-1.335	-1.032	-0.021	1.334	2.515	3.058	2.742	1.670	0.238
591	5.90	-1.006	-1.527	-0.967	0.753	3.410	6.515	9.415	11.424	11.981	10.783
601	6.00	7.878	3.670	-1.162	-5.825	-9.601	-12.009	-12.882	-12.344	-10.708	-8.351
611	6.10	-5.614	-2.775	-0.075	2.242	3.917	4.720	4.553	3.539	2.053	0.658
621	6.20	-0.060	0.317	1.886	4.372	7.217	9.747	11.369	11.720	10.714	8.506
631	6.30	5.402	1.776	-1.985	-5.488	-8.348	-10.209	-10.822	-10.121	-8.297	-5.785
641	6.40	-3.179	-1.075	0.092	0.156	-0.759	-2.312	-4.077	-5.656	-6.759	-7.215
651	6.50	-6.949	-5.961	-4.328	-2.238	-0.008	1.943	3.201	3.495	2.845	1.605
661	6.60	0.581	-0.160	0.343	1.939	4.120	6.076	6.978	6.323	4.162	1.119
671	6.70	-1.831	-3.719	-3.960	-2.559	-0.089	2.563	4.558	5.427	5.214	4.390
681	6.80	3.586	3.280	3.571	4.153	4.474	4.012	2.526	0.174	-2.550	-5.032
691	6.90	-6.783	-7.619	-7.684	-7.325	-6.891	-6.549	-6.212	-5.607	-4.454	-2.646
701	7.00	-0.374	1.897	3.571	4.138	3.378	1.468	-1.048	-3.415	-4.896	-5.007
711	7.10	-3.674	-1.270	1.475	3.678	4.560	3.692	1.143	-2.493	-6.234	-8.970
721	7.20	-9.771	-8.167	-4.298	1.106	6.911	11.881	14.991	15.674	13.922	10.236
731	7.30	5.459	0.541	-3.686	-6.674	-8.244	-8.574	-8.110	-7.416	-6.993	-7.113
741	7.40	-7.721	-8.428	-8.637	-7.751	-5.416	-1.702	2.868	7.338	10.770	12.338
751	7.50	11.660	8.868	4.538	-0.501	-5.386	-9.387	-11.984	-12.877	-11.959	-9.328
761	7.60	-5.328	-0.587	4.006	7.441	8.833	7.701	4.163	-1.051	-6.795	-11.863
771	7.70	-15.252	-16.589	-15.949	-13.780	-10.621	-6.882	-2.788	1.524	5.826	9.666
781	7.80	12.409	13.438	12.660	9.727	6.074	2.680	0.666	0.659	2.548	5.524
791	7.90	8.411	10.144	10.198	8.778	6.702	5.027	4.596	5.688	7.911	10.383
801	8.00	12.091	12.288	10.764	7.893	4.472	1.424	-0.499	-0.913	0.150	2.337
811	8.10	5.140	8.054	10.689	12.802	14.277	15.097	15.319	15.066	14.532	13.949
821	8.20	13.532	13.396	13.492	13.582	13.306	12.301	10.347	7.458	3.879	-0.023
831	8.30	-3.936	-7.753	-11.621	-15.828	-20.578	-25.728	-30.633	-34.201	-35.170	-32.543
841	8.40	-26.021	-16.251	-4.788	6.257	14.759	19.143	18.770	14.037	6.174	-3.159
851	8.50	-12.326	-20.065	-25.657	-28.903	-29.957	-29.130	-26.724	-22.950	-17.935	-11.792
861	8.60	-4.726	2.873	10.376	16.932	21.575	23.401	21.809	16.708	8.639	-1.247
871	8.70	-11.383	-20.085	-25.892	-27.832	-25.568	-19.398	-10.161	0.894	12.234	22.161
881	8.80	28.968	31.149	27.833	18.816	5.197	-10.924	-26.651	-38.808	-44.879	-43.476
891	8.90	-36.836	-20.782	-4.301	11.162	22.485	27.527	25.506	17.065	4.048	-10.914
901	9.00	-24.892	-35.158	-39.609	-37.076	-27.504	-11.956	7.553	28.377	47.664	62.815
911	9.10	71.889	73.881	68.838	57.804	42.617	25.609	9.252	-4.189	-12.950	-15.993
921	9.20	-13.121	-4.995	6.936	20.601	33.534	43.188	47.307	44.364	33.965	17.142
931	9.30	-3.586	-24.518	-41.415	-50.412	-48.983	-36.689	-15.465	10.678	36.492	56.658
941	9.40	66.989	65.329	51.965	29.474	2.095	-25.188	-47.623	-61.546	-64.977	-57.886
951	9.50	-42.117	-20.976	1.442	21.060	34.644	40.419	38.340	29.943	17.810	4.820
961	9.60	-6.597	-14.976	-19.979	-22.183	-22.641	-22.386	-22.091	-21.967	-21.914	-21.810
971	9.70	-21.786	-22.364	-24.255	-28.274	-34.767	-43.428	-53.192	-62.425	-69.319	-72.433
981	9.80	-71.112	-65.715	-57.512	-48.298	-39.834	-33.316	-29.037	-26.382	-24.087	-20.720
991	9.90	-15.171	-7.000	3.438	15.108	26.554	36.217	42.710	45.034	42.728	35.972

Table 7—42—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	25.664	13.285	0.933	-9.209	-15.210	-15.861	-10.984	-1.480	10.902	24.019
1011	10.10	35.844	44.872	50.303	51.997	50.272	45.682	38.869	30.524	21.428	12.474
1021	10.20	4.609	-1.309	-4.711	-5.466	-3.923	-0.825	2.883	6.260	8.539	9.223
1031	10.30	8.126	5.380	1.437	-2.946	-6.780	-8.989	-8.635	-5.164	1.415	10.483
1041	10.40	20.935	31.431	40.680	47.682	51.840	52.966	51.225	47.068	41.198	34.532
1051	10.50	28.134	23.044	20.032	19.344	20.547	22.574	24.005	23.509	20.299	14.433
1061	10.60	6.837	-0.970	-7.352	-11.072	-11.671	-9.602	-6.075	-2.688	-0.966	-1.926
1071	10.70	-5.796	-11.952	-19.073	-25.500	-29.683	-30.627	-28.193	-23.165	-17.056	-11.670
1081	10.80	-8.613	-8.839	-12.446	-18.744	-26.557	-34.635	-44.987	-48.046	-52.603	-55.611
1091	10.90	-56.980	-56.478	-53.795	-48.734	-41.424	-32.434	-22.753	-13.625	-6.311	-1.877
1101	11.00	-1.025	-4.007	-10.560	-19.854	-30.487	-40.564	-47.968	-50.690	-47.565	-38.529
1111	11.10	-24.926	-9.278	5.315	16.020	21.073	20.256	14.878	7.271	0.009	-4.866
1121	11.20	-6.334	-4.466	-0.105	5.627	11.799	17.901	23.820	29.612	35.267	40.459
1131	11.30	44.766	47.641	48.713	47.921	45.530	42.064	38.059	34.124	30.671	27.979
1141	11.40	26.166	25.286	25.131	25.458	25.949	26.352	26.594	26.838	27.419	28.663
1151	11.50	30.448	33.024	35.003	35.558	33.774	29.221	22.174	13.571	4.708	-3.197
1161	11.60	-9.405	-13.834	-16.969	-19.423	-21.735	-23.891	-25.390	-25.448	-23.371	-18.908
1171	11.70	-12.428	-4.868	2.521	8.507	12.175	13.097	11.363	7.496	2.329	-3.169
1181	11.80	-7.944	-11.228	-12.511	-11.787	-9.592	-6.915	-4.960	-4.811	-7.104	-11.826
1191	11.90	-18.296	-25.352	-31.640	-35.920	-37.291	-35.300	-29.969	-21.772	-11.607	-0.769
1201	12.00	9.157	16.494	19.789	18.171	11.639	1.154	-11.526	-24.239	-34.913	-41.994
1211	12.10	-44.682	-42.940	-37.306	-28.666	-18.061	-6.625	4.436	13.853	20.401	23.131
1221	12.20	21.639	16.276	8.176	-0.957	-9.261	-15.087	-17.577	-16.667	-13.028	-8.001
1231	12.30	-3.047	0.498	1.712	0.250	-3.607	-8.996	-14.622	-18.996	-20.736	-18.881
1241	12.40	-13.135	-3.965	7.487	19.052	30.871	39.716	45.183	46.284	44.479	38.595
1251	12.50	29.753	18.838	6.996	-4.427	-14.020	-20.538	-23.171	-21.742	-16.782	-9.415
1261	12.60	-1.109	6.635	12.554	15.802	16.036	13.315	8.276	1.895	-4.484	-9.316
1271	12.70	-11.125	-8.854	-2.234	7.998	20.124	31.781	40.528	46.498	42.905	36.242
1281	12.80	26.101	14.675	4.121	-4.007	-9.089	-11.447	-12.091	-12.306	-13.242	-15.613
1291	12.90	-19.560	-24.662	-30.051	-36.590	-37.085	-36.521	-32.312	-24.515	-13.961	-2.205
1301	13.00	5.717	16.717	20.162	18.299	11.469	1.026	-11.022	-22.511	-31.595	-37.062
1311	13.10	-38.398	-35.674	-29.347	-20.117	-8.903	3.089	14.304	22.909	27.078	25.639
1321	13.20	17.561	6.276	-12.334	-29.297	-43.635	-52.107	-53.824	-48.524	-37.480	-22.882
1331	13.30	-7.275	6.986	18.116	25.116	27.768	26.554	22.494	16.956	11.434	7.300
1341	13.40	5.553	4.623	10.281	15.719	21.731	27.042	30.605	31.829	30.679	27.634
1351	13.50	23.540	19.397	16.131	14.392	14.406	15.901	18.158	20.176	20.945	19.768
1361	13.60	16.523	11.775	6.677	2.657	0.991	2.397	6.776	13.209	20.185	25.989
1371	13.70	29.129	28.675	24.435	16.964	7.427	-2.633	-11.567	-17.906	-20.629	-19.359
1381	13.80	-14.663	-6.993	1.530	9.441	15.291	18.118	17.576	13.879	7.643	-0.305
1391	13.90	-9.048	-17.618	-24.981	-30.065	-31.893	-29.824	-23.840	-14.724	-4.026	6.241
1401	14.00	14.300	18.130	17.831	13.682	6.899	-1.003	-8.663	-15.154	-20.028	-23.148
1411	14.10	-24.467	-23.870	-21.190	-16.378	-9.710	-1.917	5.873	12.386	16.534	17.718
1421	14.20	15.961	11.845	6.282	0.234	-5.506	-10.413	-14.189	-16.684	-17.810	-17.530
1431	14.30	-15.908	-13.176	-9.787	-6.269	-3.302	-1.383	-0.709	-1.306	-2.854	-4.948
1441	14.40	-7.093	-8.903	-10.113	-10.585	-10.320	-9.420	-8.073	-6.523	-5.026	-3.787
1451	14.50	-2.909	-2.362	-2.005	-1.661	-1.210	-0.667	-0.202	-0.076	-0.513	-1.560
1461	14.60	-2.999	-4.353	-5.019	-5.472	-2.487	0.729	4.534	8.016	10.263	10.662
1471	14.70	9.123	6.143	2.678	-0.123	-1.259	-0.169	3.107	7.949	13.337	18.135
1481	14.80	21.359	22.417	21.170	17.919	13.272	7.989	2.827	-1.577	-4.780	-6.570
1491	14.90	-6.975	-6.236	-4.762	-3.037	-1.521	-0.549	-0.259	-0.588	-1.317	-2.158

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-2.819	-3.203	-3.119	-2.554	-1.488	0.077	2.065	4.259	6.244	7.426
1511	15.10	7.161	4.964	0.730	-5.104	-11.563	-17.319	-21.016	-21.650	-18.810	-12.886
1521	15.20	-4.879	3.825	11.801	17.886	21.350	21.952	19.841	15.450	9.401	2.443
1531	15.30	-4.567	-10.722	-15.176	-17.323	-16.988	-14.564	-10.991	-7.556	-5.556	-5.901
1541	15.40	-8.822	-13.777	-19.609	-24.908	-28.454	-29.569	-28.276	-25.194	-21.234	-17.231
1551	15.50	-13.652	-10.492	-7.406	-3.977	-0.014	4.270	8.280	11.263	12.639	12.299
1561	15.60	10.733	8.938	8.100	9.197	12.619	17.981	24.179	29.674	32.919	32.786
1571	15.70	28.875	21.618	12.159	2.058	-7.080	-13.952	-17.794	-18.449	-16.281	-11.975
1581	15.80	-6.303	0.073	6.692	13.267	19.579	25.333	30.082	33.245	34.248	32.735
1591	15.90	28.765	22.909	16.190	9.852	5.041	2.495	2.350	4.133	6.942	9.734
1601	16.00	11.636	12.153	11.225	9.132	6.313	3.171	-0.055	-3.297	-6.585	-9.921
1611	16.10	-13.163	-15.994	-17.959	-18.593	-17.567	-14.824	-10.662	-5.616	-0.548	3.725
1621	16.20	6.514	7.432	6.462	3.929	0.381	-3.584	-7.479	-11.023	-14.129	-16.812
1631	16.30	-19.068	-20.657	-21.291	-20.520	-18.013	-13.728	-8.030	-1.678	4.335	9.035
1641	16.40	11.724	12.146	10.521	7.424	3.584	-0.328	-3.850	-6.770	-9.081	-10.874
1651	16.50	-12.242	-13.215	-13.750	-13.769	-13.218	-12.123	-10.627	-9.003	-7.622	-6.889
1661	16.60	-7.135	-8.485	-10.753	-13.393	-15.567	-16.529	-14.890	-10.874	-4.486	3.503
1671	16.70	11.944	19.625	25.578	29.282	30.687	30.076	27.853	24.377	19.932	14.826
1681	16.80	9.552	4.878	1.771	1.124	3.391	8.262	14.573	20.510	24.083	23.721
1691	16.90	18.761	9.670	-2.081	-14.419	-25.201	-32.694	-35.861	-34.436	-28.828	-19.962
1701	17.00	-9.123	2.166	12.275	19.656	23.100	22.032	16.727	8.350	-1.254	-9.983
1711	17.10	-15.999	-18.193	-16.431	-11.526	-4.957	1.555	6.472	8.764	8.059	4.643
1721	17.20	-0.652	-6.677	-12.125	-15.845	-17.050	-15.521	-11.693	-6.597	-1.627	1.822
1731	17.30	2.769	0.847	-3.391	-8.790	-13.821	-17.010	-17.319	-14.384	-8.570	-0.861
1741	17.40	7.081	15.010	20.570	23.400	23.271	20.499	15.830	10.256	4.771	0.134
1751	17.50	-3.273	-5.457	-6.697	-7.339	-7.608	-7.517	-6.922	-5.893	-3.905	-1.954
1761	17.60	-0.501	-0.261	-1.704	-4.803	-8.956	-13.122	-16.135	-17.078	-15.576	-11.892
1771	17.70	-6.817	-1.389	3.419	6.950	8.979	9.680	9.503	9.015	8.759	9.157
1781	17.80	10.440	12.618	15.462	18.532	21.264	23.104	23.658	22.820	20.807	18.078
1791	17.90	15.177	12.534	10.329	8.460	6.632	4.520	1.931	-1.096	-4.300	-7.296
1801	18.00	-9.701	-11.246	-11.812	-11.415	-10.150	-8.155	-5.606	-2.744	0.104	2.535
1811	18.10	4.163	4.628	3.896	2.112	-0.337	-2.956	-5.280	-6.996	-7.991	-8.316
1821	18.20	-8.099	-7.447	-6.386	-4.863	-2.809	-0.214	2.797	5.940	8.786	10.817
1831	18.30	11.500	10.391	7.240	3.106	-4.545	-11.807	-18.406	-22.906	-24.041	-21.086
1841	18.40	-14.162	-4.338	6.517	16.161	22.541	24.344	21.353	14.477	5.463	-3.621
1851	18.50	-10.961	-15.441	-16.854	-15.712	-13.148	-10.333	-8.243	-7.445	-8.050	-9.802
1861	18.60	-12.213	-14.709	-16.732	-17.850	-17.756	-16.354	-13.741	-10.185	-6.062	-1.765
1871	18.70	2.375	6.122	9.319	11.821	13.445	13.955	13.132	10.905	7.481	3.399
1881	18.80	-0.527	-3.407	-4.529	-3.590	-0.800	3.182	7.458	11.176	13.769	15.069
1891	18.90	15.273	14.787	14.052	13.298	12.687	12.143	11.540	10.756	9.705	8.332
1901	19.00	6.575	4.365	1.665	-1.561	-5.095	-8.669	-11.812	-14.174	-15.447	-15.551
1911	19.10	-14.634	-13.017	-11.086	-9.175	-7.484	-6.055	-4.796	-3.547	-2.153	-0.517
1921	19.20	1.358	3.366	5.311	6.942	8.009	8.332	7.857	6.699	5.127	3.512
1931	19.30	2.224	1.532	1.531	2.131	3.097	4.141	5.007	5.530	5.659	5.321
1941	19.40	4.575	3.381	1.708	-0.446	-3.003	-5.775	-8.482	-10.794	-12.410	-13.119
1951	19.50	-12.835	-11.593	-9.524	-6.829	-3.740	-0.614	2.275	4.557	5.923	6.177
1961	19.60	5.294	3.588	1.037	-1.494	-3.863	-5.097	-5.595	-5.165	-3.890	-2.083
1971	19.70	-0.029	1.958	3.586	4.611	4.893	4.417	3.333	1.949	0.671	-0.104
1981	19.80	-0.102	0.699	2.090	3.627	4.791	5.138	4.640	2.760	0.436	-2.031
1991	19.90	-4.096	-5.328	-5.497	-4.803	-2.849	-0.562	1.891	4.188	6.102	7.535

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	8.516	9.166	9.660	10.168	10.807	11.616	12.561	13.554	14.501	15.327
2011	20.10	15.983	16.420	16.549	16.219	15.176	13.215	10.176	6.090	1.225	-3.929
2021	20.20	-8.751	-12.634	-15.124	-16.030	-15.440	-13.676	-11.191	-8.485	-6.008	-4.131
2031	20.30	-3.122	-3.130	-4.162	-6.051	-8.455	-10.897	-12.869	-13.978	-14.073	-13.316
2041	20.40	-12.135	-11.089	-10.663	-11.088	-12.249	-13.713	-14.876	-15.157	-14.151	-11.801
2051	20.50	-8.313	-4.115	0.274	4.354	7.714	10.064	11.257	11.194	10.021	7.955
2061	20.60	5.258	2.365	-0.387	-2.727	-4.510	-5.700	-6.315	-6.362	-5.795	-4.535
2071	20.70	-2.516	0.200	3.389	6.646	9.458	11.317	11.844	10.879	9.517	5.074
2081	20.80	1.033	-3.040	-6.573	-9.065	-10.170	-9.773	-8.049	-5.466	-2.703	-0.489
2091	20.90	0.600	0.331	-1.099	-3.110	-4.923	-5.823	-5.397	-3.667	-1.080	1.659
2101	21.00	3.817	4.850	4.545	3.033	0.714	-1.880	-4.217	-5.867	-6.559	-6.209
2111	21.10	-4.926	-2.998	-0.861	1.075	2.354	2.785	2.421	1.577	0.718	0.298
2121	21.20	0.582	1.543	2.875	4.126	4.890	4.994	4.580	4.061	3.965	4.725
2131	21.30	6.501	9.109	12.068	14.744	16.536	17.040	16.137	14.000	11.033	7.769
2141	21.40	4.763	2.493	1.286	1.247	2.259	3.986	5.944	7.621	8.611	8.724
2151	21.50	8.036	6.858	5.610	4.667	4.222	4.220	4.396	4.397	3.931	2.885
2161	21.60	1.362	-0.386	-2.081	-3.549	-4.786	-5.935	-7.170	-8.565	-9.991	-11.123
2171	21.70	-11.546	-10.943	-9.270	-6.849	-4.356	-2.440	-1.871	-2.902	-5.352	-8.608
2181	21.80	-11.812	-14.160	-15.046	-14.419	-12.574	-10.106	-7.669	-5.759	-4.577	-4.015
2191	21.90	-3.751	-3.404	-2.686	-1.504	0.032	1.657	3.056	3.952	4.165	3.823
2201	22.00	2.338	0.372	-2.185	-5.205	-8.491	-11.749	-14.581	-16.531	-17.174	-16.235
2211	22.10	-13.695	-9.835	-5.202	-0.496	3.611	6.620	8.364	8.918	8.731	8.286
2221	22.20	8.050	8.335	9.248	10.713	12.533	14.470	16.300	17.837	18.930	19.467
2231	22.30	19.380	18.674	17.456	15.929	14.356	12.978	11.916	11.105	10.291	9.100
2241	22.40	7.175	4.309	0.553	-3.279	-8.178	-12.085	-15.031	-16.741	-17.152	-16.358
2251	22.50	-14.521	-11.798	-8.315	-4.215	0.268	4.740	8.655	11.409	12.514	11.725
2261	22.60	9.412	6.052	2.574	-0.156	-1.566	-1.576	-0.629	0.463	0.817	-0.195
2271	22.70	-2.699	-6.253	-9.984	-12.870	-14.072	-13.192	-10.365	-6.178	-1.456	2.996
2281	22.80	6.585	9.035	10.245	10.382	9.571	7.941	5.621	2.810	-0.172	-2.878
2291	22.90	-4.823	-5.620	-5.131	-3.550	-1.390	0.646	1.863	1.788	0.321	-2.214
2301	23.00	-5.146	-7.630	-8.868	-8.330	-5.907	-1.955	2.765	7.259	10.534	11.836
2311	23.10	10.830	7.675	2.968	-2.426	-7.613	-11.889	-14.898	-16.656	-17.467	-17.765
2321	23.20	-17.930	-18.189	-18.560	-18.911	-19.054	-18.826	-18.140	-16.963	-15.273	-13.010
2331	23.30	-10.075	-6.377	-1.922	3.103	8.295	13.080	16.836	19.058	19.509	18.311
2341	23.40	15.922	13.024	10.334	8.410	7.505	7.513	8.019	8.449	8.249	7.065
2351	23.50	4.851	1.878	-1.347	-4.240	-6.314	-7.318	-7.300	-6.564	-5.553	-4.694
2361	23.60	-4.253	-4.265	-4.533	-4.723	-4.493	-3.618	-2.072	-0.044	2.119	4.011
2371	23.70	5.295	5.769	5.455	4.580	3.536	2.778	2.717	3.596	5.406	7.861
2381	23.80	10.444	12.529	13.541	13.121	11.223	8.130	4.362	0.522	-2.869	-5.490
2391	23.90	-7.250	-8.229	-8.574	-8.404	-7.767	-6.667	-5.143	-3.351	-1.585	-0.234
2401	24.00	0.339	-0.073	-1.423	-3.397	-5.499	-7.192	-8.062	-7.928	-6.882	-5.246
2411	24.10	-3.468	-2.000	-1.196	-1.239	-2.113	-3.623	-5.427	-7.112	-8.272	-8.596
2421	24.20	-7.934	-6.335	-4.030	-1.367	1.284	3.625	5.493	6.878	7.890	8.701
2431	24.30	9.478	10.339	11.321	12.376	13.371	14.097	14.299	13.723	12.197	9.715
2441	24.40	6.504	3.024	-0.109	-2.280	-3.063	-2.365	-0.484	1.971	4.263	5.764
2451	24.50	6.143	5.467	4.147	2.781	1.947	2.010	3.028	4.741	6.772	8.578
2461	24.60	9.794	10.220	9.865	8.901	7.571	6.096	4.597	3.067	1.394	-0.569
2471	24.70	-2.904	-5.550	-8.281	-10.645	-12.258	-12.753	-12.007	-10.197	-7.774	-5.353
2481	24.80	-3.544	-2.783	-3.219	-4.697	-6.825	-9.096	-11.008	-12.185	-12.401	-11.591
2491	24.90	-9.828	-7.296	-4.261	-1.054	1.968	4.473	6.209	7.062	7.067	6.396

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1135 712-GR-1-6 LG. (HB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	5.291	3.999	2.711	1.537	0.516	-0.366	-1.116	-1.762	-2.322	-2.828
2511	25.10	-3.327	-3.861	-4.439	-5.020	-5.512	-5.808	-5.837	-5.613	-5.242	-4.885
2521	25.20	-4.671	-4.618	-4.589	-4.314	-3.498	-1.956	0.269	2.837	5.185	6.670
2531	25.30	6.764	5.239	2.264	-1.610	-5.582	-8.800	-10.574	-10.535	-8.715	-5.520
2541	25.40	-1.615	2.242	5.370	7.318	7.946	7.437	6.227	4.689	3.975	3.888
2551	25.50	4.789	6.581	8.958	11.512	13.840	15.648	16.786	17.251	17.131	16.546
2561	25.60	15.598	14.347	12.809	10.985	8.877	6.514	3.955	1.290	-1.357	-3.838
2571	25.70	-5.993	-7.674	-8.784	-9.311	-9.343	-9.050	-8.635	-8.261	-7.983	-7.735
2581	25.80	-7.359	-6.694	-5.665	-4.350	-2.972	-1.819	-1.122	-0.952	-1.170	-1.478
2591	25.90	-1.565	-1.150	-0.287	0.814	1.771	2.189	1.801	0.553	-1.393	-3.731
2601	26.00	-6.107	-8.196	-9.743	-10.553	-10.485	-9.468	-7.558	-4.997	-2.256	0.028
2611	26.10	1.192	0.772	-1.302	-4.598	-8.240	-11.130	-12.266	-11.054	-7.496	-2.186
2621	26.20	3.851	9.478	13.746	16.109	16.503	15.257	12.923	10.077	7.167	4.448
2631	26.30	2.007	-0.175	-2.134	-3.878	-5.372	-6.569	-7.453	-8.068	-8.536	-9.021
2641	26.40	-9.690	-10.644	-11.879	-13.259	-14.539	-15.420	-15.619	-14.952	-13.387	-11.059
2651	26.50	-8.251	-5.326	-2.654	-0.536	0.853	1.483	1.465	1.012	0.393	-0.126
2661	26.60	-0.328	-0.083	0.635	1.756	3.139	4.620	6.053	7.342	8.458	9.427
2671	26.70	10.302	11.143	11.989	12.851	13.720	14.559	15.305	15.857	16.071	15.773
2681	26.80	14.807	13.096	10.711	7.907	5.104	2.798	1.427	1.235	2.173	3.896
2691	26.90	5.847	7.406	8.063	7.547	5.878	3.333	0.349	-2.595	-5.072	-6.769
2701	27.00	-7.493	-7.171	-5.837	-3.648	-0.886	2.060	4.639	6.423	7.020	6.277
2711	27.10	4.320	1.528	-1.558	-4.384	-6.515	-7.725	-8.011	-7.533	-6.517	-5.164
2721	27.20	-3.611	-1.939	-0.229	1.385	2.689	3.423	3.559	2.397	0.635	-1.622
2731	27.30	-3.926	-5.798	-6.861	-6.964	-6.121	-4.679	-3.022	-1.557	-0.578	-0.204
2741	27.40	-0.362	-0.826	-1.297	-1.491	-1.220	-0.442	0.726	2.030	3.161	3.726
2751	27.50	3.528	2.423	0.450	-2.189	-5.172	-8.109	-10.613	-12.363	-13.156	-12.932
2761	27.60	-11.781	-9.921	-7.666	-5.367	-3.354	-1.885	-1.106	-1.034	-1.561	-2.692
2771	27.70	-3.579	-4.573	-5.267	-5.529	-5.324	-4.714	-3.844	-2.893	-2.027	-1.331
2781	27.80	-0.772	-0.196	0.643	1.974	3.934	6.477	9.355	12.170	14.478	15.915
2791	27.90	16.299	15.664	14.221	12.274	10.119	7.990	6.048	4.425	3.263	2.732
2801	28.00	2.983	4.067	5.846	7.962	9.881	11.030	10.958	9.490	6.779	3.265
2811	28.10	-0.467	-3.856	-6.514	-8.289	-9.252	-9.610	-9.601	-9.618	-9.166	-8.871
2821	28.20	-8.508	-8.224	-7.361	-6.456	-5.255	-3.730	-1.911	0.104	2.142	3.995
2831	28.30	5.471	6.453	6.924	6.957	6.671	6.178	5.538	4.764	3.869	2.813
2841	28.40	1.726	0.697	-0.179	-0.892	-1.556	-2.399	-3.491	-5.629	-8.233	-11.294
2851	28.50	-14.407	-17.081	-18.880	-19.553	-19.094	-17.723	-15.786	-13.634	-11.522	-9.559
2861	28.60	-7.730	-5.956	-4.161	-2.318	-0.458	1.365	3.105	4.748	6.309	7.809
2871	28.70	9.261	10.565	11.723	12.671	13.406	13.968	14.415	14.770	14.987	14.946
2881	28.80	14.505	13.586	12.250	10.734	9.395	8.599	8.567	9.267	10.387	11.417
2891	28.90	11.814	11.201	9.458	6.782	3.580	0.314	-2.655	-5.165	-7.242	-9.031
2901	29.00	-10.661	-12.163	-13.443	-14.326	-14.650	-14.343	-13.422	-12.224	-10.865	-9.570
2911	29.10	-8.558	-7.876	-7.487	-7.289	-7.123	-6.806	-6.165	-5.077	-3.525	-1.634
2921	29.20	0.528	1.998	3.019	3.159	2.602	0.974	-0.717	-2.206	-3.108	-3.234
2931	29.30	-2.822	-1.492	-0.556	1.089	2.029	2.555	2.849	2.352	1.743	0.939
2941	29.40	0.100	-0.577	-0.899	-0.732	-0.056	1.001	2.199	3.253	3.937	4.155
2951	29.50	3.971	3.572	3.194	3.030	3.175	3.613	4.242	4.918	5.496	5.859
2961	29.60	5.905	5.569	4.825	3.702	2.294	0.747	-0.780	-2.165	-3.362	-4.402
2971	29.70	-5.344	-6.205	-6.897	-7.225	-6.954	-5.934	-4.223	-2.162	-0.227	0.938
2981	29.80	0.932	-0.328	-2.514	-4.977	-6.951	-7.804	-7.240	-5.348	-2.635	0.358
2991	29.90	3.056	5.106	6.413	7.087	7.341	7.385	7.355	7.310	7.265	7.219

Table 7—42—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1135 712-GR-1-6 LG. (NB.) EDOGAWA EMB. MAX. ACC. = 73.881 (GAL) T= 9.12 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
3001	30.00	7.195	7.205	7.237	7.255	7.090	6.691	5.948	4.843	3.438	1.870
3011	30.10	0.326	-0.987	-1.866	-2.144	-1.726	-0.661	0.922	2.601	3.908	4.345
3021	30.20	3.566	1.522	-1.453	-4.687	-7.337	-8.640	-8.162	-5.954	-2.552	1.186
3031	30.30	4.340	6.199	6.447	5.201	2.911	0.166	-2.698	-4.728	-6.380	-7.460
3041	30.40	-8.021	-8.091	-7.641	-6.630	-5.075	-3.120	-1.049	0.744	1.855	1.967
3051	30.50	0.961	-1.135	-3.952	-7.033	-9.812	-11.738	-12.371	-11.476	-9.082	-5.496
3061	30.60	-1.270	2.901	6.317	8.427	8.969	7.933	5.736	2.921	0.112	-2.156
3071	30.70	-5.547	-5.965	-3.532	-2.514	-1.221	0.076	1.196	2.059	2.661	3.031
3081	30.80	3.185	3.105	2.741	2.040	0.996	-0.310	-1.685	-2.852	-3.504	-3.603
3091	30.90	-2.466	-0.819	1.253	3.184	4.651	5.306	5.070	4.105	2.760	1.447
3101	31.00	0.515	0.158	0.388	1.073	2.013	3.019	3.948	4.707	5.212	5.351
3111	31.10	4.978	3.962	2.153	-0.357	-3.389	-6.600	-9.557	-11.844	-13.144	-13.312
3121	31.20	-12.387	-10.567	-8.153	-5.483	-2.866	-0.539	1.364	2.817	3.889	4.702
3131	31.30	5.382	6.007	6.579	7.022	7.228	7.120	6.708	6.112	5.524	5.133
3141	31.40	5.032	5.160	5.316	5.236	4.739	3.836	2.772	1.967	1.866	2.750
3151	31.50	4.585	6.987	9.311	10.848	11.055	9.722	7.036	3.696	-0.257	-3.639
3161	31.60	-6.287	-8.113	-9.255	-9.965	-10.473	-10.899	-11.220	-11.313	-11.024	-10.251
3171	31.70	-8.987	-7.337	-5.695	-3.701	-2.198	-1.193	-0.825	-1.141	-2.076	-3.454
3181	31.80	-4.995	-6.359	-7.210	-7.284	-6.654	-4.769	-2.444	0.182	2.728	4.852
3191	31.90	6.319	7.046	7.093	6.653	5.897	5.107	4.433	3.958	3.669	3.475
3201	32.00	3.243	2.840	2.186	1.284	0.255	-0.697	-1.326	-1.407	-0.835	0.367
3211	32.10	1.923	3.565	4.922	5.725	5.865	5.413	4.561	3.524	2.430	1.264
3221	32.20	-0.120	-1.899	-4.151	-6.753	-9.352	-11.451	-12.565	-12.406	-11.010	-8.740
3231	32.30	-6.179	-3.936	-2.466	-1.846	-1.967	-2.435	-2.831	-2.847	-2.356	-1.414
3241	32.40	-0.185	1.154	2.470	3.683	4.742	5.586	6.132	6.301	6.069	5.497
3251	32.50	4.734	3.966	3.349	2.946	2.711	2.533	2.302	1.969	1.560	1.146
3261	32.60	0.773	0.419	-0.009	-0.601	-1.358	-2.114	-2.554	-2.306	-1.109	1.037
3271	32.70	3.810	6.624	8.807	9.825	9.461	7.869	5.503	2.930	0.640	-1.097
3281	32.80	-2.252	-2.966	-3.432	-3.782	-4.049	-4.192	-4.158	-3.938	-3.583	-3.171
3291	32.90	-2.762	-2.371	-1.975	-1.556	-1.147	-0.842	-0.754	-0.944	-1.353	-1.789
3301	33.00	-1.986	-1.712	-0.884	0.378	1.793	3.038	3.894	4.345	4.580	4.877
3311	33.10	5.448	6.286	7.129	7.533	7.060	5.472	2.867	-0.324	-3.466	-5.923
3321	33.20	-7.266	-7.375	-6.449	-4.879	-3.101	-1.457	-0.143	0.782	1.323	1.487
3331	33.30	1.250	0.577	-0.530	-1.990	-3.634	-5.240	-6.592	-7.565	-8.042	-8.105
3341	33.40	-7.788	-7.137	-6.172	-4.908	-3.395	-1.769	-0.239	0.955	1.620	1.701
3351	33.50	1.320	0.757	0.366	0.460	1.208	2.597	4.454	6.531	8.601	10.517
3361	33.60	12.217	13.673	14.821	15.513	15.534	14.677	12.869	10.156	6.918	3.601
3371	33.70	0.690	-1.453	-2.679	-3.064	-2.846	-2.317	-1.735	-1.288	-1.105	-1.303
3381	33.80	-2.000	-3.291	-5.165	-7.427	-9.671	-11.355	-11.963	-11.215	-9.216	-6.474
3391	33.90	-3.762	-1.853	-1.239	-1.948	-3.535	-5.259	-6.374	-6.410	-5.331	-3.512

Table 7—43—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.735	-1.727	-2.024	-1.664	-1.020	-0.942	-1.874	-4.144	-7.474	-11.075
11	0.10	-13.889	-14.958	-13.764	-10.420	-5.622	-0.619	4.111	7.154	8.314	7.629
21	0.20	5.459	2.342	-1.132	-4.400	-6.966	-8.442	-8.606	-7.440	-5.262	-2.499
31	0.30	0.223	2.339	3.472	3.525	2.682	1.319	-0.118	-1.228	-1.731	-1.497
41	0.40	-0.548	0.936	2.612	4.010	4.588	3.882	1.676	-1.850	-6.072	-10.041
51	0.50	-12.724	-13.332	-11.576	-7.785	-2.807	2.250	6.347	8.797	9.390	8.366
61	0.60	6.244	3.610	1.094	-1.006	-2.427	-3.069	-2.947	-2.196	-1.070	0.083
71	0.70	0.901	1.122	0.695	-0.184	-1.121	-1.679	-1.569	-0.686	0.655	2.013
81	0.80	2.891	2.938	2.063	0.452	-1.527	-3.459	-5.007	-5.980	-6.324	-6.071
91	0.90	-5.286	-4.030	-2.468	-0.579	1.197	2.590	3.273	3.038	1.901	0.143
101	1.00	-1.732	-3.132	-3.565	-2.804	-1.005	1.335	3.502	4.801	4.782	3.404
111	1.10	1.065	-1.526	-3.576	-4.474	-3.985	-2.319	-0.035	2.167	3.684	4.188
121	1.20	3.689	2.458	0.882	-0.695	-2.059	-3.126	-3.872	-4.244	-4.138	-3.437
131	1.30	-2.119	-0.353	1.474	2.841	3.268	2.514	0.709	-1.648	-3.835	-5.146
141	1.40	-5.129	-3.735	-1.310	1.538	4.150	6.015	6.883	6.780	5.932	4.657
151	1.50	3.282	2.084	1.272	0.967	1.183	1.798	2.556	3.114	3.145	2.474
161	1.60	1.169	-0.443	-1.882	-2.697	-2.648	-1.816	-0.564	0.622	1.354	1.505
171	1.70	1.250	0.948	0.963	1.371	2.091	2.771	3.076	2.876	2.329	1.812
181	1.80	1.710	2.182	3.030	3.753	3.778	2.755	0.774	-1.612	-3.582	-4.378
191	1.90	-3.618	-1.454	1.488	4.350	6.350	7.013	6.250	4.267	1.513	-1.652
201	2.00	-4.808	-7.566	-9.522	-10.295	-9.646	-7.629	-4.680	-1.562	0.849	1.880
211	2.10	1.327	-0.442	-2.615	-4.243	-4.597	-3.420	-0.967	2.143	5.191	7.584
221	2.20	8.963	9.179	8.197	6.033	2.781	-1.281	-5.605	-9.395	-11.791	-12.164
231	2.30	-10.395	-6.988	-2.943	0.596	2.749	3.220	2.349	0.916	-0.224	-0.498
241	2.40	0.199	1.549	3.026	4.163	4.718	4.694	4.218	3.399	2.249	0.736
251	2.50	-1.095	-2.995	-4.502	-5.060	-4.240	-1.954	1.456	5.286	8.685	10.917
261	2.60	11.564	10.601	8.337	5.275	1.963	-1.110	-3.557	-5.108	-5.614	-5.067
271	2.70	-3.619	-1.568	0.698	2.793	4.428	5.453	5.850	5.670	4.975	3.829
281	2.80	2.331	0.683	-0.786	-1.680	-1.681	-0.726	0.894	2.571	3.587	3.405
291	2.90	1.929	-0.403	-2.750	-4.189	-4.088	-2.369	0.449	3.449	5.669	6.444
301	3.00	5.607	3.474	0.638	-2.300	-4.942	-7.163	-9.015	-10.564	-11.735	-12.277
311	3.10	-11.850	-10.204	-7.358	-3.683	0.149	3.341	5.206	5.379	3.924	1.312
321	3.20	-1.727	-4.408	-6.100	-6.463	-5.491	-3.461	-0.824	1.924	4.334	6.059
331	3.30	6.856	6.585	5.210	2.833	-0.263	-3.601	-6.545	-8.428	-8.727	-7.241
341	3.40	-4.192	-0.208	3.834	7.053	8.806	8.846	7.340	4.763	1.713	-1.256
351	3.50	-3.738	-5.490	-6.383	-6.356	-5.407	-3.627	-1.253	1.322	3.609	5.154
361	3.60	5.685	5.211	4.024	2.584	1.342	0.577	0.312	0.346	0.375	0.145
371	3.70	-0.444	-1.319	-2.302	-3.213	-3.955	-4.523	-4.956	-5.247	-5.284	-4.854
381	3.80	-3.736	-1.827	0.738	3.546	5.976	7.370	7.243	5.466	2.350	-1.610
391	3.90	-4.911	-7.298	-8.008	-6.924	-4.406	-1.167	1.939	4.159	5.025	4.445
401	4.00	2.667	0.163	-2.509	-4.831	-6.391	-6.905	-6.230	-4.387	-1.602	1.659
411	4.10	4.715	6.783	7.177	5.539	2.015	-2.707	-7.550	-11.331	-13.103	-12.410
421	4.20	-9.388	-4.661	0.887	6.371	11.091	14.587	16.597	16.980	15.683	12.798
431	4.30	8.658	3.916	-0.507	-3.618	-4.650	-3.354	-0.148	3.963	7.687	9.857
441	4.40	9.809	7.570	3.805	-0.448	-4.132	-6.472	-7.130	-6.186	-4.004	-1.083
451	4.50	2.048	4.859	6.808	7.375	6.159	3.044	-1.645	-7.092	-12.126	-15.510
461	4.60	-16.337	-14.342	-10.035	-4.563	0.646	4.334	5.781	4.964	2.449	-0.892
471	4.70	-4.233	-7.033	-9.100	-10.467	-11.194	-11.215	-10.322	-8.314	-5.210	-1.409
481	4.80	2.322	5.063	6.084	5.163	2.737	-0.223	-2.559	-3.375	-2.378	0.018
491	4.90	2.883	5.167	6.122	5.575	3.935	1.969	0.443	-0.179	0.133	1.052

Table 7—43—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	2.102	2.879	3.173	2.951	2.256	1.117	-0.453	-2.352	-4.261	-5.606
511	5.10	-5.677	-3.904	-0.184	4.923	10.250	14.365	16.066	14.850	11.111	6.002
521	5.20	0.992	-2.687	-4.442	-4.436	-3.371	-2.075	-1.126	-0.660	-0.467	-0.252
531	5.30	0.092	0.376	0.218	-0.660	-2.202	-3.925	-5.099	-5.085	-3.688	-1.315
541	5.40	1.154	2.729	2.741	1.133	-1.516	-4.256	-6.162	-6.690	-5.832	-4.026
551	5.50	-1.904	-0.021	1.305	1.996	2.109	1.717	0.869	-0.368	-1.830	-3.215
561	5.60	-4.155	-4.352	-3.719	-2.422	-0.787	0.879	2.453	4.029	5.793	7.793
571	5.70	9.748	11.033	10.892	8.798	4.798	-0.352	-5.353	-8.776	-9.555	-7.335
581	5.80	-2.552	3.792	10.502	16.540	21.206	24.109	25.032	23.814	20.371	14.833
591	5.90	7.719	-0.023	-7.160	-12.513	-15.340	-15.595	-13.951	-11.576	-9.749	-9.498
601	6.00	-11.341	-15.195	-20.396	-25.790	-29.850	-30.877	-27.323	-18.237	-3.741	14.683
611	6.10	34.273	51.536	63.143	66.862	62.162	50.240	33.458	14.466	-4.593	-22.381
621	6.20	-38.203	-51.415	-60.961	-65.317	-63.007	-53.456	-37.721	-18.639	-0.188	13.753
631	6.30	20.727	20.515	15.088	7.716	1.676	-0.855	0.715	5.645	12.546	20.052
641	6.40	27.073	32.604	35.334	33.522	25.424	10.219	-10.986	-34.699	-55.547	-67.775
651	6.50	-67.224	-52.988	-28.019	1.643	28.732	46.994	52.921	46.409	30.239	8.791
661	6.60	-13.363	-32.427	-45.708	-51.459	-48.657	-37.013	-17.303	8.219	35.718	60.259
671	6.70	76.876	81.907	74.091	54.984	28.548	0.073	-25.152	-42.969	-51.001	-48.779
681	6.80	-37.497	-19.605	1.616	22.474	39.355	49.278	50.472	42.795	27.806	8.427
691	6.90	-11.737	-29.175	-41.100	-45.791	-42.632	-32.027	-15.343	5.072	25.885	43.019
701	7.00	52.299	50.479	36.381	11.692	-18.980	-48.986	-71.264	-80.224	-73.261	-51.417
711	7.10	-19.002	17.619	51.616	77.170	90.459	90.042	76.749	53.298	23.665	-7.290
721	7.20	-34.655	-56.083	-62.539	-58.913	-44.315	-21.901	3.730	27.519	44.970	53.014
731	7.30	50.515	38.339	19.059	-3.622	-25.588	-43.059	-53.261	-54.909	-48.402	-35.676
741	7.40	-19.718	-3.882	8.835	16.330	17.650	12.968	3.254	-9.801	-24.205	-37.724
751	7.50	-48.088	-53.295	-52.040	-44.165	-30.915	-14.809	0.939	13.305	20.351	21.756
761	7.60	18.779	13.649	8.659	5.345	4.084	4.249	4.775	4.805	4.090	2.970
771	7.70	1.976	1.352	0.773	-0.544	-3.375	-7.929	-13.517	-18.665	-21.671	-21.371
781	7.80	-17.766	-12.177	-6.853	-4.156	-5.676	-11.619	-20.724	-30.699	-38.997	-43.586
791	7.90	-43.472	-38.797	-30.586	-20.298	-9.386	0.982	10.004	17.201	22.341	25.422
801	8.00	26.707	26.769	26.461	26.742	28.603	31.760	36.424	41.308	44.862	45.502
811	8.10	42.113	34.447	25.288	10.332	-2.199	-12.070	-17.546	-17.745	-12.793	-3.739
821	8.20	7.680	19.371	29.247	35.566	37.221	33.969	26.536	16.568	6.324	-1.513
831	8.30	-4.896	-2.447	5.933	19.037	34.609	49.837	61.960	68.810	69.172	62.908
841	8.40	50.884	34.762	16.724	-0.827	-15.607	-25.798	-30.386	-29.402	-23.956	-16.019
851	8.50	-7.961	-1.853	0.870	-0.102	-4.112	-9.883	-16.033	-21.515	-25.815	-28.857
861	8.60	-30.721	-31.351	-30.440	-27.584	-22.616	-15.968	-8.818	-2.921	-0.125	-1.749
871	8.70	-8.083	-18.207	-30.238	-41.892	-51.149	-56.772	-58.491	-56.828	-52.696	-46.972
881	8.80	-40.251	-32.857	-25.056	-17.314	-10.409	-5.311	-2.854	-3.359	-6.398	-10.860
891	8.90	-15.297	-18.438	-19.618	-18.936	-17.065	-14.783	-12.499	-9.962	-6.360	-0.752
901	9.00	7.364	17.619	28.717	38.799	46.978	49.468	48.918	45.311	39.992	34.173
911	9.10	28.508	23.037	17.489	11.762	6.280	2.010	0.095	1.291	5.479	11.556
921	9.20	17.768	22.379	24.364	23.797	21.765	19.822	19.293	20.645	23.360	26.195
931	9.30	27.784	27.238	24.506	20.318	15.815	12.033	9.508	8.152	7.617	6.627
941	9.40	5.308	3.349	0.974	-1.445	-3.603	-5.104	-6.957	-8.467	-10.068	-11.686
951	9.50	-12.981	-13.427	-12.453	-9.657	-5.008	1.043	7.579	13.409	17.387	18.770
961	9.60	17.489	14.192	10.026	6.200	3.516	2.054	1.182	-0.117	-2.735	-6.983
971	9.70	-12.424	-18.074	-22.882	-26.238	-28.254	-29.655	-31.345	-33.854	-36.978	-39.787
981	9.80	-41.030	-39.708	-35.537	-29.054	-21.336	-13.474	-6.122	0.657	7.158	13.582
991	9.90	19.630	24.426	26.827	26.000	21.937	15.623	8.729	2.952	-0.685	-2.223

Table 7—43—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.656	-3.372	-5.433	-9.038	-13.429	-17.253	-19.174	-18.423	-15.026	-9.652
1011	10.10	-3.224	3.457	9.866	15.614	20.207	22.835	22.472	18.256	9.994	-1.457
1021	10.20	-14.178	-25.615	-33.298	-35.579	-32.098	-23.808	-12.590	-0.632	10.161	18.533
1031	10.30	23.961	26.388	26.167	23.661	19.274	13.488	6.966	0.606	-4.507	-7.292
1041	10.40	-6.945	-3.230	3.311	11.363	18.963	24.156	25.381	22.087	14.966	5.780
1051	10.50	-3.192	-9.958	-13.492	-14.050	-12.939	-11.862	-12.137	-14.171	-17.440	-20.962
1061	10.60	-25.972	-26.384	-28.757	-31.613	-34.855	-37.081	-35.921	-29.010	-15.350	3.635
1071	10.70	53.996	60.346	67.772	63.829	29.605	9.398	-10.955	-26.354	-34.261	-35.263
1081	10.80	-32.147	-28.023	-24.503	-20.906	-14.893	-4.206	11.470	29.546	45.155	53.105
1091	10.90	50.303	37.423	18.955	1.506	-8.879	-9.170	-0.435	12.892	25.149	31.938
1101	11.00	31.775	26.200	18.455	11.518	6.585	2.766	-1.914	-8.837	-17.451	-25.046
1111	11.10	-27.876	-23.083	-10.447	6.978	23.740	34.049	34.083	23.529	5.650	-14.068
1121	11.20	-30.053	-38.578	-38.704	-31.957	-21.101	-8.739	3.553	15.211	25.981	35.096
1131	11.30	40.928	41.425	35.151	22.381	5.613	-10.906	-22.520	-25.859	-20.133	-7.465
1141	11.40	7.886	21.077	28.331	28.027	20.863	9.159	-4.255	-17.023	-27.700	-35.608
1151	11.50	-40.338	-41.336	-37.876	-29.472	-16.499	-0.623	15.274	27.767	33.921	32.282
1161	11.60	23.507	9.670	-5.393	-18.216	-26.071	-27.597	-22.842	-12.952	0.251	14.620
1171	11.70	27.905	37.941	42.887	41.597	34.016	21.404	6.209	-8.479	-19.762	-25.751
1181	11.80	-26.039	-21.651	-14.488	-6.543	0.753	6.789	11.549	15.120	17.224	17.097
1191	11.90	13.810	6.875	-3.183	-14.631	-24.882	-31.302	-32.148	-27.228	-17.999	-7.052
1201	12.00	2.784	9.361	11.664	10.036	5.564	-0.422	-6.867	-13.069	-18.633	-23.190
1211	12.10	-26.111	-26.672	-24.369	-19.209	-12.124	-4.632	1.534	5.081	5.654	3.961
1221	12.20	1.447	-0.327	-0.332	1.563	4.673	7.944	10.541	12.259	13.530	15.042
1231	12.30	17.173	19.561	21.077	20.262	16.057	8.455	-1.245	-10.774	-17.691	-20.317
1241	12.40	-18.389	-13.116	-6.644	-1.147	2.012	2.693	1.787	0.567	-0.065	-0.068
1251	12.50	-0.223	-1.617	-4.929	-9.883	-15.176	-18.907	-19.344	-15.635	-3.179	1.521
1261	12.60	11.614	19.606	24.907	27.029	26.432	25.965	20.527	14.891	13.727	11.686
1271	12.70	11.431	13.496	18.011	24.434	31.464	37.243	39.833	37.807	30.743	19.419
1281	12.80	5.631	-6.290	-20.106	-28.215	-31.955	-31.604	-28.128	-22.808	-16.882	-11.321
1291	12.90	-6.770	-3.616	-2.094	-2.355	-4.421	-8.062	-12.663	-17.188	-20.319	-20.788
1301	13.00	-17.805	-11.619	-2.649	6.720	14.629	19.382	20.160	17.237	11.799	5.464
1311	13.10	-0.269	-4.434	-6.704	-7.221	-6.301	-4.205	-1.118	2.694	6.681	9.955
1321	13.20	11.483	10.481	6.806	1.139	-5.191	-10.689	-14.250	-15.528	-14.930	-13.262
1331	13.30	-11.226	-9.072	-6.604	-3.522	0.095	3.505	5.407	4.462	-0.026	-7.627
1341	13.40	-16.774	-25.280	-31.154	-33.331	-31.960	-28.147	-23.296	-18.420	-13.781	-9.013
1351	13.50	-3.632	2.398	8.380	13.068	15.229	14.292	10.733	5.999	1.987	0.347
1361	13.60	1.927	6.578	13.362	20.981	28.194	34.032	37.808	39.019	37.316	32.615
1371	13.70	25.299	16.348	7.246	-0.389	-5.325	-7.162	-6.494	-6.681	-3.331	-3.731
1381	13.80	-6.439	-11.215	-17.235	-23.441	-28.844	-32.670	-34.349	-33.476	-29.838	-23.550
1391	13.90	-15.217	-5.987	2.614	9.060	12.279	11.999	8.817	3.971	-1.095	-5.161
1401	14.00	-7.509	-7.957	-6.726	-4.248	-1.040	2.324	5.219	7.011	7.217	5.717
1411	14.10	2.905	-0.345	-2.937	-3.958	-3.042	-0.513	2.771	5.816	7.924	8.971
1421	14.20	9.375	9.808	10.800	12.450	14.377	15.911	16.407	15.491	13.152	9.642
1431	14.30	5.313	0.497	-4.489	-9.246	-13.215	-15.725	-16.192	-14.396	-10.667	-5.866
1441	14.40	-1.114	2.609	4.820	5.664	5.767	5.893	6.591	8.008	9.947	12.088
1451	14.50	14.215	16.298	18.378	20.365	21.771	21.967	20.262	16.387	10.755	4.434
1461	14.60	-1.214	-5.072	-6.752	-6.747	-6.183	-6.268	-7.711	-10.405	-13.507	-15.892
1471	14.70	-16.721	-15.843	-13.832	-11.557	-10.158	-9.611	-9.620	-9.329	-7.886	-6.882
1481	14.80	-0.557	4.299	8.698	11.832	13.334	13.282	12.030	9.976	7.433	4.647
1491	14.90	1.929	-0.229	-1.184	-0.350	2.498	6.957	11.998	16.084	17.695	15.743

Table 7—43—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	9.916	0.752	-10.529	-22.350	-33.105	-41.395	-46.138	-46.621	-42.555	-34.186
1511	15.10	-22.408	-8.779	4.648	15.710	22.658	24.618	21.834	15.559	7.631	-0.097
1521	15.20	-6.254	-10.206	-11.993	-12.055	-10.919	-9.007	-6.640	-4.173	-2.117	-1.109
1531	15.30	-1.697	-4.029	-7.625	-11.612	-14.050	-14.458	-12.280	-8.082	-3.140	1.093
1541	15.40	3.607	4.238	3.471	3.048	3.373	5.037	7.684	10.485	12.665	13.967
1551	15.50	14.819	16.078	18.496	22.185	26.393	29.713	30.666	28.360	22.912	15.417
1561	15.60	7.498	0.652	-4.278	-7.267	-8.867	-9.728	-10.159	-9.986	-8.741	-6.079
1571	15.70	-2.146	2.325	6.262	8.732	9.395	8.694	7.658	7.442	8.799	11.756
1581	15.80	15.634	19.376	21.987	22.888	22.003	19.616	16.095	11.695	6.535	0.741
1591	15.90	-5.349	-11.100	-15.686	-18.375	-18.847	-17.385	-14.819	-12.243	-10.650	-10.504
1601	16.00	-11.827	-14.104	-16.636	-18.789	-20.150	-20.547	-19.972	-18.503	-16.280	-13.566
1611	16.10	-10.806	-8.622	-7.686	-8.475	-11.062	-14.957	-19.185	-22.527	-23.879	-22.589
1621	16.20	-18.655	-12.723	-5.888	0.598	5.652	8.597	9.273	8.028	5.575	2.794
1631	16.30	0.516	-0.666	-0.471	1.065	3.703	7.134	11.090	15.353	19.683	23.707
1641	16.40	26.857	28.456	27.935	25.121	20.447	14.945	9.947	6.633	5.532	6.252
1651	16.50	7.402	8.043	6.335	3.084	-4.052	-10.582	-15.749	-18.177	-17.328	-13.589
1661	16.60	-7.989	-1.722	4.277	9.520	13.859	17.206	19.291	19.620	17.680	13.306
1671	16.70	6.974	-0.138	-6.427	-10.366	-11.056	-8.567	-3.940	1.170	5.049	6.482
1681	16.80	5.096	1.395	-3.493	-8.230	-11.688	-13.235	-12.827	-10.910	-8.203	-5.463
1691	16.90	-3.305	-2.124	-2.124	-3.392	-5.976	-9.873	-14.932	-20.701	-26.311	-30.514
1701	17.00	-31.929	-29.476	-22.847	-12.825	-1.247	9.431	16.864	19.580	17.461	11.739
1711	17.10	4.487	-2.174	-6.811	-9.043	-9.397	-8.781	-7.850	-6.647	-4.661	-1.300
1721	17.20	3.533	9.086	13.869	16.223	15.070	10.476	3.725	-3.171	-8.290	-10.566
1731	17.30	-10.134	-8.118	-5.976	-4.737	-4.600	-4.910	-4.655	-3.083	-0.134	3.536
1741	17.40	6.929	9.245	10.281	10.475	10.545	11.206	12.400	13.680	14.308	13.770
1751	17.50	12.139	10.104	8.651	8.561	9.935	12.585	14.739	16.056	15.862	14.365
1761	17.60	12.297	10.509	9.530	9.333	9.411	9.101	7.967	6.042	3.807	1.947
1771	17.70	1.074	0.189	2.237	3.666	4.970	5.839	6.216	6.228	6.039	5.728
1781	17.80	5.255	5.522	5.460	2.108	0.614	-0.795	-1.873	-2.386	-2.121	-0.929
1791	17.90	1.235	4.211	7.546	10.490	12.120	11.581	8.377	2.584	-5.116	-13.601
1801	18.00	-21.629	-28.169	-32.623	-34.867	-35.122	-33.766	-31.163	-27.638	-23.507	-19.158
1811	18.10	-15.069	-11.736	-9.509	-8.472	-8.388	-8.794	-9.193	-9.241	-8.858	-8.187
1821	18.20	-7.465	-6.862	-6.394	-5.956	-5.436	-4.824	-4.272	-3.994	-4.125	-4.580
1831	18.30	-5.022	-4.975	-4.028	-2.060	0.681	3.648	6.199	7.858	8.478	8.261
1841	18.40	7.620	6.968	6.536	6.315	6.114	5.727	5.049	4.162	3.182	2.351
1851	18.50	1.730	1.267	0.819	0.261	-0.434	-1.168	-1.778	-2.136	-2.234	-2.204
1861	18.60	-2.240	-2.472	-2.848	-3.085	-2.739	-1.561	1.310	5.195	9.836	14.470
1871	18.70	18.253	20.668	20.745	19.156	16.189	12.607	9.207	6.815	5.795	6.185
1881	18.80	7.965	10.741	14.063	17.401	20.205	21.904	21.966	19.992	15.850	9.797
1891	18.90	2.507	-5.017	-11.660	-16.473	-18.913	-18.960	-17.066	-13.960	-10.407	-7.001
1901	19.00	-6.093	-1.827	-0.256	0.600	0.695	0.096	-0.961	-1.927	-2.228	-1.273
1911	19.10	1.190	4.918	9.179	12.940	15.201	15.317	13.198	9.301	4.462	-0.483
1921	19.20	-4.745	-7.915	-9.872	-10.722	-10.711	-10.172	-9.500	-9.129	-9.451	-10.074
1931	19.30	-12.678	-14.954	-16.678	-16.956	-15.162	-11.105	-5.328	1.224	7.421	12.326
1941	19.40	15.451	16.807	16.745	15.704	13.977	11.638	8.623	4.921	0.721	-3.548
1951	19.50	-7.345	-10.227	-12.061	-12.983	-13.485	-14.004	-14.796	-15.805	-16.700	-17.049
1961	19.60	-16.522	-15.026	-12.716	-9.917	-6.971	-4.168	-1.608	0.528	2.152	3.140
1971	19.70	3.416	3.030	2.218	1.366	0.878	1.005	1.700	2.608	3.176	2.897
1981	19.80	1.505	-0.495	-3.856	-6.766	-9.069	-10.446	-10.886	-10.424	-9.992	-9.269
1991	19.90	-8.576	-7.864	-6.968	-5.695	-3.902	-1.548	1.285	4.391	7.452	10.080

Table 7—43—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	11.881	12.547	11.960	10.253	7.406	5.153	2.833	1.239	0.522	0.592
2011	20.10	1.213	2.124	3.155	4.254	5.444	6.761	8.076	9.286	10.159	10.548
2021	20.20	10.426	9.916	9.256	8.689	8.381	8.376	8.600	8.919	9.201	9.366
2031	20.30	9.399	9.346	9.291	9.357	9.667	10.322	11.344	12.623	13.898	14.794
2041	20.40	14.933	14.084	12.288	9.881	7.396	5.357	4.053	3.388	2.895	1.915
2051	20.50	-0.130	-3.478	-7.899	-12.752	-17.206	-20.504	-22.191	-22.198	-20.774	-18.360
2061	20.60	-15.322	-12.058	-8.794	-5.731	-3.080	-1.062	0.554	0.534	0.246	-0.347
2071	20.70	-0.773	-0.592	0.463	2.398	4.935	7.576	9.710	10.741	10.226	7.981
2081	20.80	4.162	-0.733	-5.926	-10.526	-13.746	-15.115	-14.625	-12.730	-10.200	-7.874
2091	20.90	-6.401	-6.066	-6.763	-8.101	-9.583	-10.773	-11.379	-11.250	-10.315	-8.549
2101	21.00	-5.985	-2.789	0.672	3.840	6.077	6.867	6.031	3.838	0.952	-1.769
2111	21.10	-3.561	-3.992	-3.058	-1.117	1.305	3.713	5.760	7.244	8.020	7.908
2121	21.20	6.689	4.212	0.556	-3.843	-8.197	-11.549	-13.060	-12.308	-9.467	-5.170
2131	21.30	-0.487	3.593	6.336	7.428	6.948	5.236	2.730	-0.134	-2.950	-5.313
2141	21.40	-6.818	-7.105	-5.979	-3.531	-0.190	3.338	6.254	7.899	7.944	6.665
2151	21.50	3.878	0.775	-2.252	-4.738	-6.366	-6.937	-6.314	-4.633	-1.356	2.639
2161	21.60	7.010	11.011	13.852	14.931	14.026	11.391	7.678	3.748	0.421	-1.722
2171	21.70	-2.459	-1.850	-0.200	2.082	4.542	6.715	8.146	8.441	7.372	5.000
2181	21.80	1.750	-1.616	-4.171	-5.091	-3.941	-0.842	3.526	8.121	11.854	13.896
2191	21.90	13.881	11.929	8.524	4.306	-0.116	-4.242	-7.710	-10.234	-11.577	-11.580
2201	22.00	-10.235	-7.775	-4.693	-1.659	0.650	1.757	1.532	0.230	-1.611	-3.358
2211	22.10	-4.480	-4.682	-3.932	-2.397	-0.365	1.941	4.194	6.152	7.542	8.102
2221	22.20	7.650	6.176	3.907	1.303	-1.057	-2.637	-3.123	-2.518	-1.137	0.516
2231	22.30	1.924	2.714	2.737	2.059	0.875	-0.591	-2.155	-3.679	-5.044	-6.110
2241	22.40	-6.706	-6.672	-5.923	-4.515	-2.662	-0.697	1.026	2.226	2.771	2.696
2251	22.50	2.161	1.588	0.589	-0.072	-0.485	-0.589	-0.354	0.215	1.068	2.101
2261	22.60	3.160	4.068	4.660	4.622	4.504	3.712	2.496	0.934	-0.850	-2.665
2271	22.70	-4.231	-5.195	-5.209	-4.043	-1.711	1.447	4.793	7.526	8.893	8.416
2281	22.80	6.042	2.166	-2.485	-7.062	-10.810	-13.222	-14.095	-13.477	-11.587	-8.738
2291	22.90	-5.325	-1.850	1.065	2.717	2.467	-0.065	-4.703	-10.816	-17.200	-22.454
2301	23.00	-25.343	-25.161	-21.951	-16.488	-10.037	-3.978	0.576	3.027	3.361	2.037
2311	23.10	-0.233	-2.696	-4.723	-5.882	-5.952	-4.914	-2.958	-0.480	1.939	3.627
2321	23.20	3.979	2.655	-0.259	-4.201	-8.225	-11.240	-12.296	-10.863	-6.974	-1.216
2331	23.30	5.429	11.844	17.042	20.386	21.700	21.268	19.732	17.917	16.623	16.434
2341	23.40	17.577	19.875	22.811	25.667	27.217	28.399	27.423	24.786	20.720	15.608
2351	23.50	9.916	4.156	-1.121	-5.362	-8.085	-9.016	-8.216	-6.149	-3.613	-1.536
2361	23.60	-0.685	-1.415	-3.544	-6.439	-9.260	-11.261	-12.022	-11.508	-9.954	-7.662
2371	23.70	-4.841	-1.565	2.100	5.916	9.367	11.605	11.882	9.692	5.141	-0.987
2381	23.80	-7.413	-12.746	-15.900	-16.385	-14.364	-10.481	-5.576	-0.433	4.333	8.246
2391	23.90	10.876	11.800	10.685	7.483	2.617	-2.972	-7.992	-11.164	-11.650	-9.352
2401	24.00	-4.955	0.311	5.094	8.340	9.550	8.789	6.493	3.205	-0.622	-4.661
2411	24.10	-8.626	-12.140	-14.692	-15.732	-14.883	-12.154	-8.054	-3.508	0.389	2.697
2421	24.20	2.904	1.042	-2.373	-6.532	-10.563	-13.724	-15.503	-15.654	-14.186	-11.342
2431	24.30	-7.576	-3.495	0.240	3.059	4.628	4.941	4.302	3.212	2.189	1.602
2441	24.40	1.585	2.080	2.830	3.679	4.441	4.990	5.201	4.922	4.008	2.611
2451	24.50	0.285	-1.976	-3.799	-4.432	-4.145	-2.402	0.127	2.712	4.621	5.369
2461	24.60	4.865	3.387	1.422	-0.545	-2.191	-3.393	-4.156	-4.680	-4.296	-3.459
2471	24.70	-1.866	0.420	3.087	5.623	7.465	8.195	7.708	6.231	4.225	2.198
2481	24.80	0.518	-0.683	-1.493	-2.100	-2.648	-3.150	-3.481	-3.458	-2.950	-1.959
2491	24.90	-0.618	0.863	2.304	3.621	4.849	6.096	7.458	8.955	10.499	11.920

Table 7—43—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EDOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	13.030	13.692	13.863	13.593	12.999	12.227	11.409	10.645	9.991	9.457
2511	25.10	9.004	8.540	7.930	7.051	5.733	4.012	1.958	-0.223	-2.262	-3.897
2521	25.20	-4.956	-5.402	-5.365	-4.995	-4.591	-4.326	-4.299	-4.511	-4.896	-5.358
2531	25.30	-5.831	-6.276	-6.685	-7.049	-7.338	-7.501	-7.479	-7.244	-6.827	-6.321
2541	25.40	-5.858	-5.558	-5.473	-5.563	-5.700	-5.716	-5.675	-4.933	-4.167	-3.356
2551	25.50	-2.721	-2.446	-2.618	-3.202	-4.058	-4.998	-5.853	-6.520	-6.989	-7.326
2561	25.60	-7.642	-8.040	-8.583	-9.265	-10.002	-10.648	-11.024	-10.951	-10.306	-9.057
2571	25.70	-7.285	-5.185	-3.025	-1.089	0.391	1.278	1.553	1.299	0.666	-0.167
2581	25.80	-1.026	-1.757	-2.225	-2.328	-2.006	-1.257	-0.148	1.196	2.631	4.035
2591	25.90	5.352	6.596	7.820	9.060	10.282	11.365	12.135	12.435	12.202	11.508
2601	26.00	10.550	9.574	8.802	8.358	8.267	8.481	8.942	9.606	10.435	11.338
2611	26.10	12.125	12.499	12.134	10.802	8.512	5.567	2.514	-0.028	-1.583	-1.997
2621	26.20	-1.489	-0.551	0.254	0.520	0.126	-0.751	-1.770	-2.598	-3.053	-3.136
2631	26.30	-2.970	-2.673	-2.276	-1.714	-0.921	0.045	0.920	1.258	0.586	-1.398
2641	26.40	-4.642	-8.687	-12.781	-16.095	-17.994	-18.213	-16.906	-14.542	-11.706	-8.904
2651	26.50	-6.437	-4.385	-2.679	-1.202	0.122	1.301	2.298	3.070	3.600	3.904
2661	26.60	4.012	3.950	3.741	3.427	3.091	2.863	2.884	3.246	3.930	4.775
2671	26.70	5.519	5.884	5.697	4.963	3.887	2.796	2.020	1.765	2.046	2.697
2681	26.80	3.465	4.128	4.580	4.847	5.026	5.177	5.239	5.015	4.239	2.721
2691	26.90	0.475	-2.214	-4.829	-6.780	-7.594	-7.087	-5.437	-3.124	-0.769	1.058
2701	27.00	1.998	1.967	1.110	-0.300	-1.979	-3.709	-5.361	-6.766	-7.865	-8.502
2711	27.10	-8.553	-7.976	-6.856	-5.415	-3.957	-2.774	-2.053	-1.823	-1.972	-2.310
2721	27.20	-2.652	-2.874	-2.916	-2.746	-2.314	-1.531	-0.295	1.434	3.565	5.846
2731	27.30	7.898	9.318	9.809	9.287	7.915	6.059	4.184	2.718	1.949	1.974
2741	27.40	2.704	3.917	5.316	6.599	7.501	7.833	7.505	6.538	5.066	3.305
2751	27.50	1.508	-0.092	-1.338	-2.175	-2.651	-2.885	-3.022	-3.194	-3.497	-3.978
2761	27.60	-4.637	-5.429	-6.259	-6.993	-7.466	-7.519	-7.029	-5.956	-4.358	-2.388
2771	27.70	-0.273	1.730	3.572	4.444	4.801	4.389	3.262	1.597	-0.317	-2.123
2781	27.80	-3.474	-4.126	-4.008	-3.243	-2.103	-0.903	0.107	0.824	1.293	1.650
2791	27.90	2.024	2.461	2.897	3.214	3.312	3.189	2.948	2.744	2.685	2.757
2801	28.00	2.799	2.571	1.866	0.630	-0.989	-2.680	-4.076	-4.885	-5.005	-4.521
2811	28.10	-3.663	-2.712	-1.923	-1.483	-1.522	-2.128	-3.345	-5.158	-7.360	-9.631
2821	28.20	-11.577	-12.740	-12.825	-11.800	-9.919	-7.641	-5.457	-3.712	-2.499	-1.470
2831	28.30	-0.964	-0.166	0.765	1.665	2.275	2.574	1.927	1.125	0.325	-0.086
2841	28.40	0.153	1.090	2.569	4.316	6.055	7.597	8.867	9.870	10.634	11.172
2851	28.50	11.479	11.569	11.502	11.391	11.357	11.466	11.470	11.805	11.634	10.937
2861	28.60	9.595	7.630	5.195	2.515	-0.190	-2.761	-5.012	-6.907	-8.356	-9.217
2871	28.70	-9.513	-9.274	-8.663	-7.931	-7.343	-7.085	-7.187	-7.512	-7.805	-7.860
2881	28.80	-7.315	-6.318	-4.921	-3.328	-1.765	-0.427	0.538	1.019	0.927	0.212
2891	28.90	-1.100	-2.860	-4.780	-6.467	-7.519	-7.645	-6.763	-5.025	-2.771	-0.619
2901	29.00	1.658	3.205	4.112	4.369	4.027	3.159	1.877	0.364	-1.109	-2.208
2911	29.10	-2.623	-2.188	-0.961	0.751	2.481	3.756	4.256	3.922	2.962	1.755
2921	29.20	0.708	0.122	0.152	0.713	1.751	3.112	4.687	4.381	8.083	9.635
2931	29.30	10.854	11.576	11.728	11.322	10.492	9.444	9.359	9.075	9.101	9.356
2941	29.40	9.702	10.002	10.140	10.017	9.529	8.572	7.069	5.019	2.537	0.145
2951	29.50	-2.725	-4.934	-6.601	-7.695	-8.305	-8.566	-8.590	-8.437	-8.153	-7.737
2961	29.60	-7.382	-7.269	-7.587	-8.390	-9.573	-10.569	-11.070	-10.623	-9.121	-6.836
2971	29.70	-4.360	-2.606	-1.556	-2.023	-3.643	-5.913	-8.219	-10.651	-11.130	-11.415
2981	29.80	-11.009	-10.026	-8.509	-6.661	-5.916	-1.051	1.786	4.139	5.491	5.975
2991	29.90	5.372	4.184	2.940	2.102	1.908	2.303	3.008	3.658	3.962	3.799

Table 7—43—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1136 712-BK-1-13 LG. (HA.) EOOGAWA EMB. MAX. ACC. = 90.459 (GAL) T= 7.15 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.232	2.438	1.624	0.959	0.562	0.528	0.954	1.936	3.517	5.625
3011	30.10	8.018	10.301	12.013	12.761	12.346	10.838	8.553	5.953	3.506	1.570
3021	30.20	0.329	-0.195	-0.085	0.543	1.577	2.903	4.371	5.759	6.772	7.096
3031	30.30	6.486	4.870	2.407	-0.510	-3.343	-5.538	-6.677	-6.583	-5.363	-3.360
3041	30.40	-1.049	1.093	2.694	3.547	3.605	2.940	1.690	0.031	-1.830	-3.636
3051	30.50	-5.074	-5.808	-5.557	-4.209	-1.911	0.896	3.547	5.311	5.600	4.147
3061	30.60	1.102	-3.007	-7.426	-11.377	-14.252	-15.714	-15.709	-14.390	-12.015	-8.883
3071	30.70	-5.308	-1.649	1.670	4.182	5.458	5.245	3.581	0.847	-2.297	-5.086
3081	30.80	-6.868	-7.305	-6.466	-4.784	-2.909	-1.486	-0.968	-1.508	-2.955	-4.941
3091	30.90	-7.008	-6.730	-9.788	-9.998	-9.312	-7.797	-5.627	-3.071	-0.478	1.764
3101	31.00	3.298	3.877	3.432	2.112	0.263	-1.660	-3.100	-3.701	-3.202	-1.586
3111	31.10	0.943	4.001	7.097	9.727	11.464	12.036	11.370	9.595	7.010	4.013
3121	31.20	1.026	-1.583	-3.541	-4.695	-5.003	-4.518	-3.381	-1.806	-0.077	1.479
3131	31.30	2.544	2.879	2.400	1.220	-0.356	-1.906	-3.011	-3.381	-2.945	-1.868
3141	31.40	-0.490	0.789	1.631	1.849	1.431	0.500	-0.752	-2.134	-3.493	-4.707
3151	31.50	-5.659	-6.216	-6.234	-5.601	-4.294	-2.426	-0.251	1.886	3.644	4.777
3161	31.60	5.210	5.068	4.529	3.935	3.499	3.345	3.476	3.809	4.237	4.678
3171	31.70	5.108	5.537	5.977	6.398	6.707	6.766	6.439	5.654	4.444	2.960
3181	31.80	1.432	0.111	-0.811	-1.263	-1.217	-0.852	-0.307	0.272	0.778	1.151
3191	31.90	1.349	1.335	1.068	0.531	-0.257	-1.113	-1.892	-2.339	-2.266	-1.618
3201	32.00	-0.520	0.737	1.782	2.283	2.065	1.172	-0.145	-1.519	-2.589	-3.120
3211	32.10	-3.062	-2.536	-1.761	-0.943	-0.194	0.511	1.297	2.322	3.677	5.329
3221	32.20	7.100	8.711	9.872	10.371	10.149	9.310	8.085	6.741	5.495	4.442
3231	32.30	3.548	2.698	1.777	0.760	-0.261	-1.089	-1.514	-1.407	-0.795	0.135
3241	32.40	1.099	1.829	2.176	2.153	1.898	1.578	1.285	0.982	0.533	-0.198
3251	32.50	-1.229	-2.396	-3.380	-3.844	-3.588	-2.683	-1.471	-0.445	-0.043	-0.456
3261	32.60	-1.531	-2.835	-3.861	-4.159	-3.699	-2.693	-1.573	-0.755	-0.438	-0.536
3271	32.70	-0.724	-0.622	0.007	1.127	2.431	3.465	3.624	3.310	2.008	0.237
3281	32.80	-1.576	-3.048	-3.941	-4.195	-3.890	-3.176	-2.217	-1.167	-0.176	0.600
3291	32.90	0.987	0.843	0.098	-1.195	-2.849	-4.570	-6.027	-6.928	-7.091	-6.475
3301	33.00	-5.180	-3.418	-1.475	0.334	1.702	2.370	2.175	1.086	-0.766	-3.069
3311	33.10	-5.393	-7.240	-8.164	-7.880	-6.347	-5.800	-0.705	2.341	4.751	6.099
3321	33.20	6.217	5.227	3.496	1.528	-0.179	-1.244	-1.483	-0.913	0.292	1.859
3331	33.30	3.488	4.885	5.788	5.982	5.317	3.749	1.377	-1.548	-4.641	-7.457
3341	33.40	-9.592	-10.767	-10.886	-10.029	-8.400	-6.262	-3.874	-1.471	0.744	2.591
3351	33.50	3.929	4.694	4.942	4.866	4.752	4.918	5.539	6.607	7.897	9.024
3361	33.60	9.599	9.370	8.310	6.615	4.602	2.587	0.766	-0.818	-2.235	-3.581
3371	33.70	-4.897	-6.135	-7.191	-7.962	-8.411	-8.573	-8.532	-8.387	-8.174	-7.916
3381	33.80	-7.624	-7.352	-7.185	-7.207	-7.437	-7.799	-8.160	-8.322	-8.332	-8.348
3391	33.90	-8.700	-9.712	-11.497	-13.794	-15.958	-17.135	-16.557	-13.910	-9.477	-4.117

Table 7—44—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-1.796	-2.972	-3.935	-4.579	-4.886	-4.958	-4.989	-5.157	-5.511	-5.896
11	0.10	-6.005	-5.530	-4.381	-2.821	-1.447	-0.962	-1.851	-3.980	-6.695	-8.814
21	0.20	-9.175	-7.130	-2.897	2.430	7.243	10.023	9.925	7.094	2.580	-2.118
31	0.30	-5.666	-7.392	-7.475	-6.749	-6.248	-6.707	-8.239	-10.328	-12.095	-12.708
41	0.40	-11.731	-9.277	-5.917	-2.413	0.576	2.694	3.922	4.464	4.555	4.317
51	0.50	3.713	2.627	1.006	-1.009	-3.049	-4.616	-5.283	-4.906	-3.748	-2.429
61	0.60	-1.693	-2.064	-3.565	-5.501	-6.860	-6.438	-3.675	1.163	6.824	11.451
71	0.70	13.260	11.278	5.815	-1.554	-8.534	-12.966	-13.652	-10.790	-5.852	-0.946
81	0.80	2.034	2.116	-0.471	-4.524	-8.438	-10.850	-11.065	-9.133	-5.638	-1.363
91	0.90	2.977	6.827	9.751	11.376	11.418	9.821	6.912	3.431	0.366	-1.394
101	1.00	-1.403	0.139	2.483	4.671	5.955	6.069	5.236	3.916	2.479	1.012
111	1.10	-0.617	-2.690	-4.351	-5.547	-5.285	-3.123	0.594	4.633	7.276	7.075
121	1.20	3.628	-2.046	-7.791	-11.173	-10.557	-5.870	1.315	8.438	13.050	13.810
131	1.30	10.931	5.881	0.567	-3.561	-6.010	-7.123	-7.490	-7.295	-6.035	-2.826
141	1.40	2.857	10.450	18.052	22.924	22.577	15.979	6.265	-9.442	-21.099	-27.245
151	1.50	-26.311	-19.143	-8.547	1.917	9.330	12.393	11.622	8.767	5.811	4.052
161	1.60	3.663	3.864	3.521	1.835	-1.223	-4.905	-8.045	-9.585	-9.005	-6.494
171	1.70	-2.829	0.931	3.801	5.155	4.858	3.266	1.096	-0.757	-1.479	-0.571
181	1.80	1.962	5.566	9.251	11.905	12.645	11.149	7.776	3.452	-0.669	-3.615
191	1.90	-4.522	-4.740	-3.695	-2.581	-2.025	-2.260	-3.096	-4.048	-4.561	-4.221
201	2.00	-2.882	-0.683	2.000	4.651	6.700	7.623	7.048	4.871	1.360	-2.917
211	2.10	-6.997	-9.921	-10.923	-9.685	-6.465	-2.029	2.583	6.375	8.680	9.303
221	2.20	8.490	6.749	4.610	2.448	0.415	-1.493	-3.302	-4.936	-6.179	-6.751
231	2.30	-6.456	-5.325	-3.669	-1.998	-0.820	-0.410	-0.656	-1.068	-0.973	0.168
241	2.40	2.666	5.445	8.164	9.533	8.765	5.739	1.123	-3.818	-7.666	-9.377
251	2.50	-8.669	-6.001	-2.511	0.644	2.655	3.337	3.089	2.593	2.434	2.827
261	2.60	3.577	4.272	4.573	4.425	4.071	3.863	3.986	4.284	4.289	3.480
271	2.70	1.626	-0.988	-3.591	-5.244	-5.303	-3.786	-1.451	0.495	0.940	-0.596
281	2.80	-3.679	-7.100	-9.369	-9.344	-6.720	-2.135	3.116	7.627	10.408	11.171
291	2.90	10.273	8.386	6.122	3.795	1.451	-0.911	-3.086	-4.570	-4.722	-3.113
301	3.00	0.121	4.137	7.579	9.059	7.721	3.642	-2.132	-7.947	-12.143	-13.651
311	3.10	-12.326	-8.905	-4.636	-0.759	1.922	3.220	3.470	3.244	3.046	3.112
321	3.20	3.379	3.592	3.453	2.737	1.355	-0.639	-3.041	-5.489	-7.469	-8.383
331	3.30	-7.716	-5.261	-1.511	3.291	7.340	9.651	9.514	7.012	3.058	-0.931
341	3.40	-3.572	-4.081	-2.580	-0.025	2.228	3.022	1.899	-0.728	-3.792	-6.070
351	3.50	-6.716	-5.404	-3.315	-0.834	0.910	1.407	0.706	-0.717	-2.262	-3.488
361	3.60	-4.260	-4.693	-4.962	-5.103	-4.922	-4.081	-2.295	0.441	3.727	6.798
371	3.70	8.723	8.713	6.412	2.087	-3.366	-8.506	-11.887	-12.301	-9.299	-3.431
381	3.80	3.776	10.181	13.671	12.901	7.855	-0.007	-8.154	-13.845	-15.140	-11.682
391	3.90	-4.886	2.571	7.763	8.680	5.019	-1.717	-8.844	-13.584	-14.148	-10.368
401	4.00	-3.647	3.706	9.412	12.034	11.336	8.119	3.725	-0.549	-3.816	-5.671
411	4.10	-6.033	-4.960	-2.577	0.826	4.645	7.919	9.521	8.552	4.782	-1.106
421	4.20	-7.628	-12.963	-15.607	-14.908	-11.269	-5.925	-0.418	3.985	6.669	7.705
431	4.30	7.597	6.912	6.006	4.975	3.794	2.507	1.307	0.433	-0.053	-0.440
441	4.40	-1.332	-3.351	-6.697	-10.812	-14.380	-15.756	-13.692	-8.047	-0.115	7.670
451	4.50	12.595	12.785	8.082	0.289	-7.413	-11.666	-10.280	-3.163	7.570	18.383
461	4.60	25.665	27.089	22.429	13.513	3.369	-5.026	-9.861	-10.987	-9.656	-7.687
471	4.70	-6.493	-6.450	-6.870	-6.555	-4.597	-0.990	3.260	6.601	7.717	6.227
481	4.80	2.924	-0.581	-2.638	-2.373	-0.120	2.760	4.589	4.259	1.836	-1.424
491	4.90	-3.687	-3.473	-0.444	4.352	8.934	11.318	10.495	6.952	2.483	-0.638

Table 7—44—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.740	2.416	7.472	12.044	13.787	11.469	5.462	-2.213	-8.889	-12.256
511	5.10	-11.306	-6.689	-0.397	5.072	7.694	6.645	2.524	-2.985	-7.817	-10.305
521	5.20	-9.739	-6.533	-1.975	2.305	4.931	5.236	3.423	0.405	-2.591	-4.505
531	5.30	-4.813	-3.667	-1.746	0.089	1.198	1.425	1.123	0.926	1.387	2.671
541	5.40	4.444	6.040	6.796	6.408	5.090	3.468	2.235	1.755	1.830	1.759
551	5.50	0.693	-1.884	-5.800	-10.135	-13.530	-14.727	-13.098	-8.930	-3.336	2.155
561	5.60	6.156	7.874	7.292	5.046	2.082	-0.727	-2.852	-4.186	-4.956	-5.531
571	5.70	-6.240	-7.231	-8.418	-9.478	-9.912	-9.170	-6.836	-2.826	2.422	7.951
581	5.80	12.452	14.648	13.753	9.822	3.837	-2.561	-7.610	-10.037	-9.492	-6.630
591	5.90	-2.794	0.538	2.332	2.360	1.209	-0.025	-0.211	1.363	4.727	9.213
601	6.00	13.660	16.752	17.378	14.959	9.647	2.379	-5.278	-11.482	-14.635	-13.915
611	6.10	-9.633	-3.239	3.092	7.201	7.735	4.668	-0.689	-6.215	-9.835	-10.336
621	6.20	-7.761	-3.241	1.651	5.665	8.371	10.148	11.680	13.288	14.693	14.119
631	6.30	10.927	4.477	-4.266	-12.966	-18.695	-19.149	-13.762	-4.161	6.307	13.822
641	6.40	15.601	10.998	1.720	-8.918	-17.359	-21.184	-19.907	-14.908	-8.611	-3.351
651	6.50	-0.451	0.099	-0.673	-1.442	-1.292	-0.082	1.648	3.110	3.744	3.494
661	6.60	2.761	2.114	1.967	2.398	3.204	4.110	4.986	5.916	7.089	8.579
671	6.70	10.170	11.342	11.444	9.968	6.783	2.216	-3.057	-8.215	-12.496	-15.293
681	6.80	-16.156	-14.760	-10.934	-4.800	3.044	11.425	18.711	23.174	23.523	19.385
691	6.90	11.535	1.733	-7.780	-14.956	-18.514	-18.233	-14.872	-9.827	-4.685	-0.839
701	7.00	0.740	-0.398	-4.149	-9.846	-16.287	-21.884	-24.989	-24.374	-19.738	-11.958
711	7.10	-2.977	4.790	9.310	9.738	6.802	2.559	-0.421	-0.124	4.052	10.922
721	7.20	18.090	22.760	22.914	18.073	9.465	-0.471	-8.986	-13.946	-16.438	-16.874
731	7.30	-4.659	2.382	8.552	12.662	14.056	12.765	9.203	4.162	-1.313	-6.084
741	7.40	-9.138	-9.867	-8.284	-5.071	-1.404	1.421	2.432	1.315	-1.485	-4.937
751	7.50	-7.795	-9.010	-8.040	-4.959	-0.380	4.752	9.405	12.668	13.914	12.912
761	7.60	9.895	5.559	0.965	-2.692	-4.417	-3.754	-1.006	2.790	6.156	7.680
771	7.70	6.540	2.856	-2.285	-7.174	-10.064	-9.800	-6.254	-0.412	5.919	10.686
781	7.80	12.236	9.830	3.871	-4.231	-12.481	-18.877	-21.971	-21.241	-17.182	-11.097
791	7.90	-4.663	0.578	3.650	4.364	3.254	1.291	-0.528	-1.540	-1.594	-1.004
801	8.00	-0.300	0.084	0.034	-0.197	-0.142	0.613	2.171	4.235	6.205	7.445
811	8.10	7.586	6.718	5.398	4.410	4.440	5.763	8.101	10.714	12.687	13.295
821	8.20	12.292	9.997	7.157	4.665	3.117	2.783	3.382	4.342	5.058	5.145
831	8.30	4.560	3.531	2.365	1.226	0.015	-1.574	-3.851	-6.880	-10.352	-13.536
841	8.40	-15.724	-16.302	-15.606	-13.944	-12.343	-11.591	-11.905	-12.715	-12.877	-11.774
851	8.50	-6.979	-0.719	6.100	11.390	13.315	11.122	5.610	-1.098	-6.281	-7.710
861	8.60	-4.552	2.260	10.380	16.965	19.768	17.948	12.266	4.644	-2.695	-8.087
871	8.70	-10.917	-11.567	-10.943	-9.848	-8.570	-6.874	-4.359	-0.959	2.729	5.516
881	8.80	6.083	3.644	-1.540	-8.053	-13.731	-16.432	-16.868	-9.133	-0.725	7.960
891	8.90	14.450	17.015	15.192	9.845	2.781	-3.895	-8.447	-9.977	-8.579	-5.161
901	9.00	-1.050	2.473	4.564	5.021	4.248	3.022	2.146	2.131	3.010	4.371
911	9.10	5.584	6.129	5.868	5.126	4.544	4.740	5.958	7.869	9.652	10.330
921	9.20	9.225	6.318	2.339	-1.482	-3.890	-4.107	-2.136	1.253	4.849	7.461
931	9.30	8.326	7.292	4.756	1.419	-1.977	-4.822	-6.712	-7.375	-6.704	-4.785
941	9.40	-1.992	0.972	3.174	3.720	2.107	-1.695	-6.191	-10.609	-13.360	-13.540
951	9.50	-11.033	-6.510	-1.115	3.981	7.961	10.513	11.736	11.887	11.193	9.784
961	9.60	7.807	5.583	3.657	2.660	2.890	4.207	5.733	6.190	4.404	-0.111
971	9.70	-6.795	-14.095	-19.998	-22.754	-21.552	-16.804	-9.933	-2.786	3.046	6.705
981	9.80	8.142	7.848	6.411	4.192	1.259	-2.399	-6.570	-10.633	-13.648	-14.712
991	9.90	-13.391	-10.020	-5.667	-1.776	0.382	0.173	-2.192	-5.812	-9.485	-12.170

Table 7—44—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EOOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-13.273	-12.704	-10.711	-7.637	-3.763	0.692	5.452	10.041	13.764	15.846
1011	10.10	15.697	13.175	8.707	3.210	-2.181	-6.450	-8.973	-9.623	-8.690	-6.693
1021	10.20	-4.168	-1.536	0.933	3.067	4.730	5.793	6.154	5.793	4.817	3.467
1031	10.30	2.078	1.002	0.541	0.885	2.083	4.019	6.401	8.776	10.587	11.288
1041	10.40	10.512	8.227	4.825	1.065	-2.130	-3.980	-4.138	-3.850	-0.883	0.751
1051	10.50	1.201	-0.539	-2.068	-4.275	-5.905	-5.527	-2.746	1.642	6.599	10.747
1061	10.60	12.971	12.813	10.625	7.401	4.386	2.400	2.466	3.693	5.416	6.563
1071	10.70	6.264	4.171	0.569	-3.741	-7.725	-10.453	-11.367	-10.413	-8.000	-4.853
1081	10.80	-1.799	0.442	1.409	0.988	-0.574	-2.729	-4.768	-5.900	-5.650	-3.831
1091	10.90	-0.734	2.935	6.235	8.264	8.441	6.689	3.463	-0.404	-3.971	-6.476
1101	11.00	-7.539	-7.211	-5.882	-4.090	-2.340	-0.987	-0.208	-0.048	-0.481	-1.439
1111	11.10	-2.799	-4.348	-5.777	-6.734	-6.935	-6.281	-4.936	-3.298	-1.875	-1.097
1121	11.20	-1.151	-1.912	-2.992	-3.894	-4.196	-3.679	-2.383	-0.527	1.589	3.689
1131	11.30	5.560	7.031	7.927	8.049	7.221	5.392	2.765	-0.255	-2.928	-4.562
1141	11.40	-4.651	-3.101	-0.304	2.946	5.691	7.102	6.732	4.638	1.335	-2.370
1151	11.50	-5.622	-7.736	-8.334	-7.399	-5.228	-2.336	0.663	3.198	4.857	5.495
1161	11.60	5.270	4.606	4.055	4.095	4.924	6.336	7.747	8.591	7.616	5.178
1171	11.70	1.400	-2.895	-6.641	-8.913	-9.245	-7.779	-5.150	-2.194	0.411	2.592
1181	11.80	3.911	5.372	7.115	9.157	11.106	12.323	12.226	10.617	7.843	4.719
1191	11.90	2.231	1.161	1.680	3.447	5.565	7.016	6.995	5.169	1.728	-2.736
1201	12.00	-7.456	-11.697	-14.889	-16.659	-16.818	-15.350	-12.442	-8.525	-4.278	-0.526
1211	12.10	1.953	2.678	1.650	-0.609	-3.219	-5.252	-6.063	-5.517	-3.998	-2.214
1221	12.20	-0.871	-0.388	-0.749	-1.583	-2.394	-2.834	-2.893	-2.891	-3.307	-4.511
1231	12.30	-6.540	-9.019	-11.262	-12.518	-12.232	-10.242	-6.808	-2.507	1.975	6.042
1241	12.40	9.316	11.655	13.133	13.867	13.926	13.449	12.659	10.995	9.120	6.922
1251	12.50	4.511	2.002	-0.682	-2.788	-4.724	-6.050	-6.531	-6.008	-4.495	-2.246
1261	12.60	0.253	2.375	3.519	3.307	1.739	-0.758	-3.424	-5.378	-5.898	-4.664
1271	12.70	-1.882	1.762	5.315	7.857	8.787	8.000	5.883	3.144	0.556	-1.303
1281	12.80	-2.207	-2.296	-1.958	-1.651	-1.736	-2.378	-3.522	-4.950	-6.345	-7.353
1291	12.90	-7.629	-6.890	-4.989	-2.001	1.707	5.483	8.509	10.019	9.556	7.169
1301	13.00	3.439	-0.677	-4.158	-6.257	-6.735	-5.888	-4.361	-2.852	-1.816	-1.332
1311	13.10	-1.156	-0.914	-0.364	0.483	1.367	1.951	2.025	1.648	1.140	0.920
1321	13.20	1.295	2.291	3.632	4.870	5.592	5.611	5.039	4.207	3.501	3.185
1331	13.30	3.313	3.756	4.315	4.837	5.270	5.629	5.901	5.978	5.657	4.744
1341	13.40	3.193	1.206	-0.785	-2.266	-2.852	-2.522	-1.571	-0.598	-0.200	-0.725
1351	13.50	-2.111	-3.905	-5.466	-6.234	-5.964	-4.816	-3.262	-1.880	-1.112	-1.122
1361	13.60	-1.775	-2.741	-3.657	-4.253	-4.407	-4.110	-3.408	-2.356	-1.026	0.435
1371	13.70	1.761	2.579	2.510	1.330	-0.864	-3.594	-6.081	-7.476	-7.162	-5.012
1381	13.80	-1.496	2.432	5.637	7.186	6.678	4.381	1.126	-1.996	-4.027	-4.458
1391	13.90	-3.354	-1.258	1.086	3.046	4.323	4.991	3.357	5.729	6.215	6.655
1401	14.00	6.721	6.121	4.806	3.056	1.386	0.345	0.247	1.022	2.235	3.268
1411	14.10	3.592	2.981	1.591	-0.143	-1.728	-2.826	-3.373	-3.540	-3.574	-3.628
1421	14.20	-3.654	-3.445	-2.777	-1.581	-0.061	1.442	2.412	2.555	1.851	0.581
1431	14.30	-0.809	-1.862	-2.384	-2.434	-2.302	-2.366	-2.811	-3.718	-4.857	-5.887
1441	14.40	-6.481	-6.655	-5.833	-4.831	-3.783	-3.036	-2.853	-3.343	-4.418	-5.801
1451	14.50	-7.075	-7.784	-7.570	-6.999	-6.146	-4.569	-0.822	2.474	5.099	6.780
1461	14.60	1.934	1.121	0.785	1.052	1.656	2.122	1.932	0.893	-0.762	-2.417
1471	14.70	-3.331	-2.965	-1.252	1.339	3.976	5.806	6.315	5.555	4.117	2.881
1481	14.80	2.634	3.728	5.926	8.496	10.508	11.210	10.313	8.090	5.247	2.629
1491	14.90	0.902	0.334	0.754	1.683	2.576	3.053	3.027	2.684	2.341	2.262

Table 7—44—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EOOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15:00	2.513	2.925	3.178	2.955	2.089	0.847	-1.104	-2.812	-4.195	-5.166
1511	15:10	-5.853	-6.555	-7.588	-9.144	-11.193	-13.411	-15.351	-16.440	-16.215	-14.430
1521	15:20	-11.154	-6.597	-2.055	2.220	5.211	6.353	5.507	3.046	-0.216	-3.238
1531	15:30	-5.060	-5.115	-3.416	-0.562	2.571	4.981	6.079	5.789	4.555	3.113
1541	15:40	2.170	2.110	2.870	4.015	4.963	5.255	4.728	3.562	2.137	0.858
1551	15:50	-0.006	-0.375	-0.306	0.114	0.861	1.874	3.182	4.405	5.827	6.445
1561	15:60	6.134	4.816	2.757	0.505	-1.298	-2.166	-1.964	-0.943	0.393	1.525
1571	15:70	2.149	2.286	2.215	2.284	2.689	3.347	3.921	3.988	3.258	1.731
1581	15:80	-0.287	-2.319	-3.924	-4.881	-5.247	-5.283	-5.275	-5.378	-5.536	-5.544
1591	15:90	-5.190	-4.416	-3.392	-2.466	-2.014	-2.256	-3.144	-4.352	-5.393	-5.790
1601	16:00	-5.229	-3.640	-1.176	1.855	5.081	8.109	10.548	12.019	12.192	10.885
1611	16:10	8.169	4.453	0.460	-2.921	-4.882	-6.955	-8.179	-8.109	-5.363	-0.293
1621	16:20	7.977	8.134	6.929	4.844	2.468	0.303	-1.330	-2.306	-2.632	-2.366
1631	16:30	-1.593	-0.432	0.936	2.263	3.286	3.816	3.821	3.448	2.961	2.612
1641	16:40	2.510	2.553	2.479	1.997	0.949	-0.587	-2.310	-3.832	-4.853	-5.302
1651	16:50	-5.355	-5.336	-5.522	-6.010	-6.846	-7.124	-7.154	-6.631	-5.706	-4.712
1661	16:60	-3.994	-3.727	-3.826	-3.999	-3.916	-3.407	-2.577	-1.770	-1.405	-1.756
1671	16:70	-2.793	-4.172	-5.370	-5.906	-5.529	-4.295	-2.502	-0.530	1.309	2.848
1681	16:80	4.035	4.843	5.198	4.986	4.155	2.829	1.367	0.288	0.076	0.941
1691	16:90	2.679	4.704	6.278	6.833	6.240	4.876	3.454	2.677	2.893	3.920
1701	17:00	5.132	5.768	5.319	3.787	1.701	-0.144	-1.060	-0.802	0.335	1.673
1711	17:10	2.693	2.377	1.371	-0.090	-1.466	-2.403	-2.926	-3.362	-4.101	-5.303
1721	17:20	-6.735	-7.841	-8.026	-7.001	-4.997	-2.725	-1.067	-0.856	-1.534	-3.092
1731	17:30	-4.323	-4.296	-2.607	0.363	3.580	5.766	5.931	3.812	-0.016	-4.351
1741	17:40	-7.821	-9.373	-8.609	-5.869	-1.941	2.069	5.263	7.057	7.265	6.053
1751	17:50	3.861	1.214	-1.158	-2.623	-2.681	-1.145	1.747	5.325	8.661	10.758
1761	17:60	11.076	9.558	6.757	3.615	1.114	-0.085	0.143	1.395	2.961	4.129
1771	17:70	4.457	3.875	2.620	1.050	-0.569	-2.057	-3.487	-4.868	-6.133	-7.085
1781	17:80	-7.477	-7.155	-6.136	-4.883	-3.699	-3.038	-3.034	-3.615	-4.266	-4.511
1791	17:90	-3.995	-2.678	-0.859	0.965	2.202	2.577	2.036	0.841	-0.583	-1.806
1801	18:00	-2.546	-2.722	-2.432	-1.880	-1.287	-0.835	-0.642	-0.766	-1.211	-1.921
1811	18:10	-2.760	-3.511	-3.895	-3.647	-2.609	-0.824	1.423	3.669	5.294	5.896
1821	18:20	5.265	3.574	1.340	-0.717	-1.698	-1.757	-0.253	2.227	4.995	7.290
1831	18:30	8.527	8.476	7.313	5.522	3.698	2.542	1.715	1.804	2.404	3.241
1841	18:40	4.096	4.868	5.444	5.824	5.874	5.415	4.805	3.552	0.550	-1.830
1851	18:50	-3.665	-4.124	-3.667	-2.536	-0.695	0.562	0.873	0.020	-1.784	-3.977
1861	18:60	-5.862	-6.861	-6.710	-5.525	-3.718	-1.817	-0.269	0.698	1.098	1.117
1871	18:70	0.978	0.827	0.681	0.447	0.013	-0.663	-1.490	-2.253	-2.686	-2.571
1881	18:80	-1.834	-0.583	0.922	2.349	3.407	3.936	3.937	3.556	3.010	2.496
1891	18:90	2.134	1.940	1.855	1.798	1.712	1.593	1.477	1.408	1.401	1.431
1901	19:00	1.441	1.387	1.258	1.097	0.968	0.912	0.904	0.836	0.561	-0.162
1911	19:10	-1.295	-2.863	-4.670	-6.441	-7.888	-8.791	-9.067	-8.679	-7.807	-6.608
1921	19:20	-5.266	-3.948	-2.793	-1.906	-1.345	-1.113	-1.140	-1.290	-1.596	-1.307
1931	19:30	-0.960	-0.409	0.168	0.528	0.451	-0.171	-1.270	-2.609	-3.843	-4.634
1941	19:40	-4.764	-4.213	-3.171	-1.974	-0.993	-0.512	-0.631	-1.241	-2.057	-2.715
1951	19:50	-2.885	-2.362	-1.118	0.705	2.843	4.982	6.819	8.112	8.696	8.493
1961	19:60	7.512	5.859	3.735	1.425	-0.760	-2.468	-3.476	-3.755	-3.581	-2.597
1971	19:70	-1.702	-0.957	-0.506	-0.343	-0.332	-0.275	0.001	0.586	1.450	2.667
1981	19:80	3.454	4.231	4.667	4.703	4.358	3.716	2.906	2.080	1.389	0.956
1991	19:90	0.847	1.072	1.564	2.193	2.787	3.156	3.123	2.554	1.393	-0.309

Table 7—44—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-2.370	-4.482	-6.252	-7.289	-7.319	-6.287	-4.431	-2.150	-0.082	1.273
2011	20.10	1.628	1.021	-0.202	-1.519	-2.427	-2.617	-2.071	-1.031	0.117	1.012
2021	20.20	1.643	1.392	0.992	0.456	-0.063	-0.467	-0.719	-0.795	-0.469	-0.212
2031	20.30	0.560	1.520	2.488	3.088	2.958	1.885	-0.065	-2.509	-4.832	-6.362
2041	20.40	-6.397	-5.368	-2.902	0.253	3.408	5.943	7.478	7.961	7.534	6.607
2051	20.50	5.515	4.505	3.666	2.957	2.277	1.543	0.745	-0.057	-0.754	-1.244
2061	20.60	-1.469	-1.422	-1.131	-0.626	0.087	1.026	2.201	3.571	5.008	6.297
2071	20.70	7.182	7.454	7.038	6.056	4.816	3.746	3.235	3.516	4.541	5.980
2081	20.80	7.306	7.962	7.553	5.988	3.526	0.703	-1.845	-3.601	-4.344	-4.227
2091	20.90	-3.721	-3.436	-3.896	-5.336	-7.604	-10.228	-12.569	-14.067	-14.430	-13.727
2101	21.00	-12.330	-10.765	-9.400	-8.489	-7.924	-7.620	-6.666	-5.486	-3.942	-2.302
2111	21.10	-0.918	-0.065	0.178	-0.045	-0.448	-0.745	-0.777	-0.573	-0.315	-0.234
2121	21.20	-0.483	-1.067	-1.859	-2.559	-2.993	-2.985	-2.485	-1.533	-0.212	1.377
2131	21.30	3.125	4.902	6.549	7.889	8.771	9.124	8.986	8.483	7.796	7.056
2141	21.40	6.324	5.568	4.725	3.769	2.762	1.846	1.192	0.814	0.705	0.650
2151	21.50	0.419	-0.133	-0.961	-1.827	-2.388	-2.556	-1.655	-0.486	0.730	1.517
2161	21.60	1.536	0.732	-0.646	-2.148	-3.310	-3.830	-3.665	-3.007	-2.168	-1.434
2171	21.70	-0.948	-0.693	-0.550	-0.397	-0.201	-0.043	-0.078	-0.450	-1.209	-2.261
2181	21.80	-3.391	-4.325	-4.814	-4.708	-3.990	-2.774	-1.269	0.268	1.585	2.481
2191	21.90	2.839	2.656	2.040	1.194	0.371	-0.186	-0.306	0.071	0.877	1.941
2201	22.00	3.035	3.927	4.430	4.439	3.969	3.057	1.950	0.880	0.123	-0.087
2211	22.10	0.379	1.495	3.062	4.737	6.108	6.800	6.564	5.341	3.269	0.646
2221	22.20	-2.169	-4.725	-6.751	-7.992	-8.336	-7.801	-6.534	-4.798	-2.933	-1.293
2231	22.30	-0.163	0.310	0.162	-0.405	-1.095	-1.620	-1.800	-1.619	-1.214	-0.811
2241	22.40	-0.621	-0.761	-1.210	-1.828	-2.408	-2.754	-2.735	-2.310	-1.522	-0.679
2251	22.50	0.674	1.776	2.666	3.207	3.319	3.007	2.379	1.626	0.969	0.580
2261	22.60	0.519	0.701	0.934	0.998	0.742	0.163	-0.589	-1.265	-1.616	-1.493
2271	22.70	-0.903	0.007	1.018	1.936	2.656	3.184	3.596	3.968	4.319	4.581
2281	22.80	4.637	4.370	3.729	2.754	1.564	0.304	-0.899	-1.974	-2.896	-3.656
2291	22.90	-4.221	-4.525	-4.467	-4.055	-3.260	-2.232	-1.173	-0.292	0.274	0.513
2301	23.00	0.546	0.566	0.757	1.200	1.840	2.501	2.966	3.078	2.809	2.282
2311	23.10	1.711	1.309	1.188	1.315	1.521	1.615	1.471	1.124	0.770	0.691
2321	23.20	1.118	2.102	3.453	4.778	5.620	5.630	4.706	3.038	1.032	-0.852
2331	23.30	-2.268	-3.101	-3.465	-3.603	-3.734	-3.938	-4.121	-4.091	-3.697	-2.949
2341	23.40	-2.071	-1.429	-1.382	-2.116	-3.543	-5.312	-6.957	-7.976	-8.389	-7.598
2351	23.50	-6.449	-5.086	-3.809	-2.786	-2.040	-1.503	-1.093	-0.775	-0.556	-0.452
2361	23.60	-0.442	-0.449	-0.372	-0.147	0.196	0.528	0.663	0.455	-0.121	-0.928
2371	23.70	-1.707	-2.163	-2.080	-1.397	-0.216	1.252	2.769	4.149	5.284	6.138
2381	23.80	6.699	6.956	6.900	6.546	5.969	5.306	4.714	4.305	4.084	3.925
2391	23.90	3.629	3.014	2.026	0.792	-0.406	-1.240	-1.476	-1.091	-0.295	0.538
2401	24.00	1.018	0.896	0.155	-0.985	-2.169	-3.051	-3.414	-3.243	-2.694	-2.018
2411	24.10	-1.461	-1.190	-1.271	-1.685	-2.370	-3.239	-4.186	-5.077	-5.746	-6.032
2421	24.20	-5.830	-5.161	-4.197	-3.237	-2.608	-2.563	-3.069	-3.975	-4.875	-5.350
2431	24.30	-5.113	-4.133	-2.656	-1.113	0.043	0.517	0.279	-0.432	-1.207	-1.627
2441	24.40	-1.412	-0.502	0.949	2.658	4.315	5.680	6.613	7.072	7.075	6.682
2451	24.50	5.987	5.140	4.368	3.847	3.830	4.368	5.340	6.465	7.282	7.693
2461	24.60	6.907	5.619	3.969	2.420	1.377	1.040	1.331	1.942	2.478	2.619
2471	24.70	2.243	1.450	0.490	-0.364	-0.937	-1.206	-1.283	-1.326	-1.438	-1.629
2481	24.80	-1.812	-1.871	-1.747	-1.482	-1.216	-1.120	-1.315	-1.810	-2.492	-3.172
2491	24.90	-3.665	-3.866	-3.778	-3.503	-3.186	-2.968	-2.853	-2.896	-3.021	-3.159

Table 7—44—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-3.241	-3.208	-3.005	-2.584	-1.917	-1.032	-0.035	0.891	1.527	1.702
2511	25.10	1.368	0.655	-0.153	-0.700	-0.688	0.007	1.271	2.785	4.128	4.926
2521	25.20	4.975	4.302	3.137	1.816	0.670	-0.079	-0.353	-0.205	0.231	0.798
2531	25.30	1.347	1.753	1.910	1.744	1.232	0.435	-0.483	-1.274	-1.667	-1.460
2541	25.40	-0.616	0.705	2.165	3.349	3.904	3.656	2.673	1.247	-0.204	-1.272
2551	25.50	-1.683	-1.370	-0.478	0.696	1.799	2.521	2.672	2.220	1.281	0.083
2561	25.60	-1.099	-2.010	-2.478	-2.448	-1.985	-1.244	-0.421	0.308	0.824	1.079
2571	25.70	1.076	0.836	0.397	-0.206	-0.906	-1.583	-2.064	-2.159	-1.734	-0.792
2581	25.80	0.487	1.773	2.678	2.905	2.362	1.223	-0.124	-1.208	-1.665	-1.268
2591	25.90	-0.172	1.343	2.896	4.170	5.001	5.387	5.437	5.281	5.005	4.630
2601	26.00	4.138	3.518	2.790	2.001	1.182	0.316	-0.667	-1.850	-3.261	-4.810
2611	26.10	-6.286	-7.413	-7.962	-7.852	-7.206	-6.311	-5.504	-5.032	-4.950	-5.109
2621	26.20	-5.244	-5.113	-4.630	-3.920	-3.274	-3.010	-3.331	-4.216	-5.416	-6.545
2631	26.30	-7.229	-7.239	-6.560	-5.371	-3.948	-2.555	-1.361	-0.420	0.293	0.813
2641	26.40	1.146	1.260	1.127	0.774	0.319	-0.046	-0.111	0.267	1.102	2.264
2651	26.50	3.530	4.665	5.508	6.013	6.239	6.279	6.188	5.939	5.426	4.536
2661	26.60	3.235	1.620	-0.062	-1.492	-2.384	-2.600	-2.200	-1.428	-0.614	-0.053
2671	26.70	0.089	-0.182	-0.724	-1.343	-1.875	-2.235	-2.413	-2.433	-2.303	-2.004
2681	26.80	-1.519	-0.851	-0.263	0.132	0.042	-0.686	-1.997	-3.597	-5.016	-5.761
2691	26.90	-5.503	-4.208	-2.171	0.090	2.019	3.219	3.588	3.317	2.785	2.384
2701	27.00	2.361	2.738	3.342	3.911	4.231	4.229	3.988	3.692	3.528	3.595
2711	27.10	3.868	4.219	4.483	4.528	4.308	3.866	3.302	2.744	2.290	1.994
2721	27.20	1.868	1.887	2.002	2.149	2.253	2.242	2.066	1.704	1.199	0.636
2731	27.30	0.127	-0.229	-0.378	-0.340	-0.201	-0.081	-0.095	-0.309	-0.716	-1.241
2741	27.40	-1.769	-2.182	-2.399	-2.400	-2.226	-1.961	-1.700	-1.520	-1.556	-1.693
2751	27.50	-1.624	-1.778	-1.937	-2.103	-2.297	-2.537	-2.815	-3.078	-3.239	-3.206
2761	27.60	-2.928	-2.428	-1.820	-1.273	-0.960	-0.985	-1.336	-1.874	-2.395	-2.687
2771	27.70	-2.620	-2.195	-1.538	-0.846	-0.308	-0.031	-0.007	-0.124	-0.251	-0.202
2781	27.80	0.009	0.349	0.700	0.928	0.944	0.742	0.398	0.067	-0.164	-0.128
2791	27.90	0.200	0.785	1.536	2.330	3.065	3.591	3.921	4.037	3.977	3.798
2801	28.00	3.562	3.325	3.136	3.026	3.033	3.172	3.438	3.782	4.111	4.293
2811	28.10	4.197	3.737	2.918	1.852	0.765	-0.175	-0.719	-0.823	-0.566	-0.144
2821	28.20	0.210	0.317	0.124	-0.240	-0.707	-0.959	-0.921	-0.618	-0.211	0.065
2831	28.30	-0.008	-0.543	-1.504	-2.720	-3.947	-4.948	-5.571	-5.780	-5.650	-5.325
2841	28.40	-4.968	-4.710	-4.622	-4.706	-4.909	-5.111	-5.211	-5.217	-5.095	-4.820
2851	28.50	-3.904	-3.002	-1.995	-0.979	-0.048	0.721	1.275	1.593	1.694	1.637
2861	28.60	1.524	1.485	1.650	2.112	2.885	3.883	4.922	5.767	6.201	6.098
2871	28.70	5.478	4.506	3.448	2.582	2.107	2.070	2.358	2.743	2.969	2.867
2881	28.80	2.329	1.523	0.654	-0.020	-0.297	-0.104	0.479	1.247	1.935	2.301
2891	28.90	2.198	1.609	0.644	-0.504	-1.615	-2.502	-3.049	-3.214	-3.026	-2.555
2901	29.00	-1.895	-1.156	-0.463	0.043	0.228	-0.003	-0.660	-1.632	-2.688	-3.520
2911	29.10	-3.656	-3.658	-2.405	-0.900	0.687	1.963	2.644	2.646	2.104	1.298
2921	29.20	0.532	0.009	-0.229	-0.288	-0.337	-0.494	-0.756	-0.988	-0.999	-0.644
2931	29.30	0.079	1.008	1.872	2.401	2.439	2.007	1.284	0.516	-0.092	-0.461
2941	29.40	-0.644	-0.772	-0.951	-1.197	-1.815	-1.442	-1.236	-0.766	-0.225	0.124
2951	29.50	0.068	-0.539	-1.516	-2.575	-3.353	-3.563	-3.114	-2.152	-0.998	-0.017
2961	29.60	0.525	0.548	0.171	-0.359	-0.786	-0.966	-0.829	-0.561	-0.339	-0.335
2971	29.70	-0.631	-1.181	-1.836	-2.386	-2.651	-2.498	-1.907	-0.956	0.187	1.313
2981	29.80	2.212	2.725	2.787	2.441	1.831	1.163	0.644	0.425	0.559	0.996
2991	29.90	1.602	2.211	2.670	2.880	2.803	2.460	1.919	1.276	0.651	0.175

Table 7—44—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1137 712-BK-1-13 U-D (U-D) EDOGAWA EMB. MAX. ACC. = -27.245 (GAL) T= 1.50 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.033	0.102	0.571	1.256	1.935	2.368	2.270	1.602	0.627	-0.996
3011	30.10	-2.313	-3.189	-3.422	-3.012	-2.144	-1.113	-0.209	0.379	0.608	0.561
3021	30.20	0.379	0.186	0.043	-0.051	-0.119	-0.165	-0.150	-0.007	0.309	0.776
3031	30.30	1.283	1.662	1.742	1.429	0.746	-0.172	-1.127	-1.937	-2.491	-2.770
3041	30.40	-2.824	-2.717	-2.480	-2.095	-1.522	-0.745	0.186	1.139	1.939	2.429
3051	30.50	2.530	2.272	1.781	1.221	0.722	0.333	0.007	-0.356	-0.849	-1.500
3061	30.60	-2.247	-2.946	-3.429	-3.561	-3.295	-2.686	-1.876	-1.051	-0.387	-0.003
3071	30.70	0.068	-0.125	-0.463	-0.801	-1.001	-0.977	-0.710	-0.254	0.294	0.827
3081	30.80	1.277	1.635	1.953	2.311	2.767	3.312	3.846	4.199	4.189	3.693
3091	30.90	2.714	1.393	-0.009	-1.197	-1.931	-2.101	-1.766	-1.119	-0.425	0.082
3101	31.00	0.272	0.155	-0.135	-0.405	-0.486	-0.305	0.094	0.563	0.921	1.024
3111	31.10	0.836	0.438	0.004	-0.275	-0.267	0.042	0.546	1.055	1.375	1.390
3121	31.20	1.100	0.626	0.147	-0.172	-0.250	-0.127	0.063	0.142	-0.033	-0.518
3131	31.30	-1.260	-2.127	-2.953	-3.606	-4.009	-4.171	-4.150	-4.025	-3.860	-3.680
3141	31.40	-3.477	-3.217	-2.873	-2.435	-1.931	-1.420	-0.979	-0.678	-0.556	-0.609
3151	31.50	-0.790	-1.029	-1.261	-1.456	-1.618	-1.793	-2.008	-2.267	-2.419	-2.384
3161	31.60	-2.002	-1.214	-0.099	1.112	2.099	2.560	2.333	1.685	0.303	-0.797
3171	31.70	-1.415	-1.320	-0.528	0.711	2.029	3.083	3.685	3.855	3.772	3.668
3181	31.80	3.713	3.961	4.254	4.496	4.536	4.356	4.033	3.719	3.539	3.540
3191	31.90	3.669	3.808	3.857	3.691	3.382	2.972	2.524	2.060	1.546	0.924
3201	32.00	0.163	-0.695	-1.524	-2.151	-2.420	-2.261	-1.725	-0.972	-0.212	0.366
3211	32.10	0.651	0.638	0.404	0.067	-0.257	-0.487	-0.581	-0.527	-0.333	-0.023
3221	32.20	0.358	0.733	1.002	1.061	0.843	0.346	-0.351	-1.106	-1.764	-2.205
3231	32.30	-2.392	-2.382	-2.293	-2.257	-2.359	-2.608	-2.936	-3.236	-3.411	-3.417
3241	32.40	-3.288	-3.112	-3.000	-3.030	-3.215	-3.492	-3.734	-3.791	-3.533	-2.887
3251	32.50	-1.854	-0.517	0.984	2.479	3.805	4.841	5.535	5.906	6.035	6.033
3261	32.60	6.002	5.997	6.009	5.970	5.789	5.393	4.769	3.976	3.134	2.377
3271	32.70	1.806	1.456	1.287	1.216	1.156	1.065	0.968	0.931	1.028	1.289
3281	32.80	1.671	2.062	2.320	2.320	2.011	1.428	0.682	-0.079	-0.722	-1.159
3291	32.90	-1.366	-1.369	-1.226	-1.008	-0.784	-0.625	-0.592	-0.721	-1.012	-1.401
3301	33.00	-1.774	-1.988	-1.926	-1.552	-0.961	-0.270	0.242	0.619	0.198	-0.334
3311	33.10	-0.974	-1.482	-1.678	-1.509	-1.061	-0.504	-0.011	0.331	0.567	0.747
3321	33.20	1.049	1.502	2.041	2.511	2.744	2.652	2.283	1.813	1.471	1.420
3331	33.30	1.672	2.062	2.313	2.158	1.471	0.340	-0.945	-2.002	-2.199	-2.287
3341	33.40	-1.454	-0.290	0.826	1.555	1.703	1.257	0.351	-0.798	-1.974	-3.003
3351	33.50	-3.770	-4.207	-4.281	-4.000	-3.429	-2.705	-2.026	-1.610	-1.637	-2.183
3361	33.60	-3.196	-4.512	-5.910	-7.186	-8.199	-8.886	-9.235	-9.249	-8.923	-8.254
3371	33.70	-7.274	-6.095	-4.910	-3.957	-3.442	-3.453	-3.913	-4.608	-5.262	-5.650
3381	33.80	-5.685	-5.432	-5.063	-4.750	-4.584	-4.534	-4.492	-4.354	-4.113	-3.880
3391	33.90	-3.843	-4.150	-4.803	-5.597	-6.170	-6.130	-5.226	-3.465	-1.138	1.274

Table 7—45—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-7.869	-8.868	-8.157	-6.694	-5.705	-6.135	-8.107	-10.792	-12.750	-12.600
11	0.10	-9.704	-6.559	1.307	5.889	7.477	5.305	-0.173	-7.477	-14.647	-19.885
21	0.20	-22.060	-20.901	-16.911	-11.089	-4.637	1.261	5.588	7.595	6.943	3.837
31	0.30	-0.889	-5.860	-9.476	-10.393	-8.023	-2.834	3.702	9.546	12.763	12.188
41	0.40	7.828	0.844	-6.858	-15.276	-16.931	-17.269	-14.601	-10.050	-4.933	-0.460
51	0.50	2.551	3.768	3.290	1.532	-0.909	-3.376	-5.262	-6.127	-5.797	-6.421
61	0.60	-2.437	-0.441	1.011	1.601	1.357	0.619	-0.114	-0.617	-0.121	0.614
71	0.70	1.381	1.714	1.306	0.158	-1.400	-2.826	-3.560	-3.221	-1.739	0.621
81	0.80	3.337	5.772	7.339	7.634	6.539	4.245	1.231	-1.830	-4.221	-5.352
91	0.90	-4.940	-3.117	-0.432	2.280	4.137	4.497	3.194	0.627	-2.346	-4.679
101	1.00	-5.516	-4.507	-1.976	1.160	3.695	4.560	3.224	-0.078	-4.385	-8.307
111	1.10	-10.476	-9.997	-6.734	-1.349	4.918	10.626	14.534	15.896	14.575	10.979
121	1.20	5.891	0.265	-4.933	-8.847	-10.815	-10.445	-7.822	-3.396	1.839	6.581
131	1.30	9.533	9.797	7.228	2.586	-2.608	-6.497	-7.496	-6.845	1.062	8.635
141	1.40	15.696	19.938	19.737	14.643	5.576	-5.386	-15.533	-22.222	-23.566	-18.936
151	1.50	-9.164	3.614	16.423	26.145	30.277	27.569	18.389	4.698	-10.389	-23.342
161	1.60	-31.091	-31.788	-25.271	-13.080	1.950	16.402	27.109	31.869	29.891	21.881
171	1.70	9.780	-3.731	-15.857	-24.266	-27.534	-25.362	-18.552	-8.767	1.873	11.257
181	1.80	17.703	20.267	18.854	14.144	7.369	-0.001	-6.575	-11.290	-13.563	-13.334
191	1.90	-10.999	-7.287	-3.083	0.752	3.545	4.925	4.861	3.630	1.708	-0.360
201	2.00	-2.097	-3.184	-3.491	-3.068	-2.101	-0.867	0.320	1.155	1.406	0.992
211	2.10	0.043	-1.083	-1.875	-1.826	-0.638	1.609	4.407	6.939	8.349	8.068
221	2.20	6.065	2.909	-0.404	-2.796	-3.497	-2.321	0.279	3.401	6.035	7.406
231	2.30	7.206	5.606	3.121	0.379	-2.086	-3.918	-4.917	-4.968	-3.988	-1.953
241	2.40	1.015	4.549	8.013	10.604	11.559	10.409	7.170	2.387	-2.983	-7.826
251	2.50	-11.155	-12.347	-11.259	-8.217	-3.890	0.876	5.241	8.517	10.288	10.467
261	2.60	9.295	7.272	5.013	3.074	1.790	1.185	1.000	0.831	0.313	-0.715
271	2.70	-2.151	-3.697	-5.020	-5.918	-6.413	-6.722	-7.107	-7.704	-8.401	-8.850
281	2.80	-8.613	-7.375	-5.125	-2.217	0.711	2.955	3.982	3.616	2.093	-0.011
291	2.90	-1.945	-2.989	-2.629	-0.680	2.652	6.776	10.803	13.702	14.544	12.775
301	3.00	8.449	2.321	-4.265	-9.706	-12.599	-12.190	-8.633	-2.966	3.210	8.229
311	3.10	10.856	10.614	7.626	3.406	-1.499	-5.854	-8.952	-10.452	-10.297	-8.595
321	3.20	-5.547	-1.462	3.186	7.727	11.357	13.302	13.039	10.490	6.095	0.728
331	3.30	-4.520	-8.624	-10.882	-11.072	-9.483	-6.810	-3.971	-1.873	-1.173	-2.103
341	3.40	-4.372	-7.218	-9.592	-10.470	-9.189	-5.704	-0.669	4.732	9.160	11.457
351	3.50	11.196	8.620	4.608	0.316	-3.220	-5.401	-6.166	-5.891	-5.144	-4.429
361	3.60	-4.027	-3.971	-4.131	-4.333	-4.445	-4.385	-4.096	-3.518	-2.600	-1.354
371	3.70	0.089	1.471	2.481	2.874	2.598	1.843	0.976	0.400	0.373	0.906
381	3.80	1.758	2.552	2.937	2.725	1.950	0.836	-0.297	-1.136	-1.436	-1.085
391	3.90	-0.117	1.246	2.575	3.276	2.717	0.472	-3.430	-8.331	-13.000	-15.937
401	4.00	-15.887	-12.343	-5.846	2.093	9.460	14.423	15.969	14.243	10.431	6.267
411	4.10	3.365	2.665	4.182	7.152	10.307	12.507	12.868	10.979	6.865	0.913
421	4.20	-6.168	-13.346	-19.322	-22.735	-22.526	-18.370	-11.005	-2.190	5.730	10.567
431	4.30	11.080	7.458	1.281	-5.063	-9.270	-9.952	-7.069	-1.815	3.971	8.554
441	4.40	10.892	10.836	8.931	5.990	2.706	-0.518	-3.481	-5.976	-7.657	-8.104
451	4.50	-7.075	-4.791	-2.033	0.065	0.494	-1.103	-4.127	-7.135	-8.383	-6.602
461	4.60	-1.616	5.436	12.441	17.084	17.726	14.041	7.129	-0.899	-7.704	-11.523
471	4.70	-11.694	-8.733	-3.997	0.898	4.640	6.568	6.726	5.671	4.159	2.858
481	4.80	2.169	2.194	2.788	3.662	4.476	4.905	4.693	3.699	1.950	-0.331
491	4.90	-2.716	-4.634	-5.498	-4.873	-2.663	0.817	4.809	8.278	10.189	9.835

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TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	7.123	2.685	-2.232	-6.119	-7.690	-6.339	-2.398	2.920	7.899	10.897
511	5.10	10.915	7.939	2.942	-2.468	-6.610	-8.279	-7.104	-3.583	1.167	5.819
521	5.20	9.238	10.739	10.147	7.708	3.930	-0.543	-5.005	-8.716	-10.957	-11.134
531	5.30	-8.952	-4.581	1.263	7.388	12.379	14.942	14.273	10.303	3.750	-4.031
541	5.40	-11.369	-16.661	-18.729	-17.083	-12.018	-4.557	3.757	11.181	16.155	17.663
551	5.50	15.492	10.310	3.512	-3.129	-7.951	-9.868	-8.680	-5.117	-0.607	3.181
561	5.60	4.852	3.697	-0.111	-5.615	-11.368	-15.970	-18.270	-17.835	-14.907	-10.306
571	5.70	-5.185	-0.730	2.096	2.752	1.213	-2.037	-6.104	-9.890	-12.343	-12.740
581	5.80	-10.898	-7.261	-2.812	1.204	3.644	3.839	1.820	-1.683	-5.470	-8.270
591	5.90	-9.166	-7.901	-4.969	-1.461	1.273	2.034	0.130	-4.416	-10.861	-17.910
601	6.00	-24.013	-27.725	-28.024	-24.547	-17.677	-8.450	1.690	11.239	18.983	24.249
611	6.10	26.979	27.598	26.757	25.050	22.833	20.211	17.193	13.892	10.671	8.120
621	6.20	6.860	7.266	9.246	12.198	15.183	17.247	17.738	16.478	13.717	9.922
631	6.30	5.526	0.785	-4.174	-9.157	-13.705	-17.035	-18.217	-16.531	-11.835	-4.744
641	6.40	3.509	11.493	18.118	23.003	26.498	29.315	31.918	34.025	34.433	31.385
651	6.50	23.346	9.874	-7.749	-26.511	-42.297	-51.034	-49.932	-38.462	-18.568	5.546
661	6.60	28.619	45.538	52.575	48.234	33.542	11.772	-12.280	-33.299	-46.518	-48.655
671	6.70	-38.576	-17.562	10.864	41.528	68.528	86.330	90.829	80.187	55.258	19.521
681	6.80	-21.491	-61.169	-93.041	-111.973	-115.134	-102.513	-76.889	-43.251	-7.809	23.187
691	6.90	44.554	53.018	47.627	29.754	2.735	-28.719	-59.244	-83.575	-97.309	-97.602
701	7.00	-83.730	-57.402	-22.669	14.633	47.880	70.947	79.471	71.795	49.329	16.242
711	7.10	-21.417	-56.925	-84.108	-98.315	-97.015	-80.016	-49.377	-9.144	35.079	76.717
721	7.20	109.030	126.143	124.183	102.294	63.210	13.128	-39.258	-84.417	-113.902	-122.648
731	7.30	-109.267	-77.163	-33.249	13.585	54.468	82.378	93.406	87.216	66.708	32.100
741	7.40	4.716	-24.236	-44.653	-53.229	-48.804	-32.409	-7.043	22.810	51.900	75.109
751	7.50	88.415	89.739	79.452	60.373	37.188	15.372	-0.117	-6.052	-1.682	11.128
761	7.60	28.771	46.497	60.166	66.995	66.084	58.277	45.557	30.270	14.491	-0.267
771	7.70	-12.971	-22.795	-28.889	-30.406	-26.814	-18.373	-6.493	6.261	16.634	21.511
781	7.80	18.827	8.207	-8.896	-29.666	-50.634	-68.774	-81.951	-89.254	-90.822	-87.468
791	7.90	-80.314	-70.585	-59.558	-48.572	-38.936	-31.676	-27.189	-24.976	-23.666	-21.294
801	8.00	-16.159	-7.369	4.699	18.201	30.526	39.016	41.853	38.641	30.520	19.806
811	8.10	9.296	1.493	-2.036	-0.995	3.596	9.693	14.719	16.183	12.337	2.716
821	8.20	-11.566	-27.911	-42.758	-52.473	-54.367	-47.545	-33.290	-14.819	3.533	17.469
831	8.30	23.854	21.478	11.256	-4.135	-20.986	-35.459	-44.361	-45.683	-38.860	-24.780
841	8.40	-5.598	15.608	35.315	50.144	57.477	56.004	46.041	29.519	9.621	-9.875
851	8.50	-25.383	-34.239	-35.186	-28.546	-16.026	-0.249	15.870	29.761	39.698	45.044
861	8.60	46.207	44.316	40.755	36.697	32.817	29.266	25.903	22.653	19.790	18.005
871	8.70	18.178	20.959	26.344	33.459	40.694	46.153	48.253	46.225	40.325	31.678
881	8.80	21.849	12.346	4.250	-1.913	-6.068	-8.376	-9.052	-8.369	-6.610	-4.250
891	8.90	-1.897	-0.165	0.536	0.188	-0.805	-1.776	-2.072	-1.352	0.263	2.230
901	9.00	3.796	4.267	3.220	0.524	-3.456	-8.465	-13.942	-19.301	-23.888	-27.038
911	9.10	-28.205	-27.166	-24.183	-20.033	-15.853	-12.785	-11.647	-12.696	-15.657	-19.960
921	9.20	-25.077	-30.746	-36.966	-43.745	-50.761	-57.142	-61.528	-62.462	-58.936	-50.867
931	9.30	-39.251	-25.923	-13.021	-2.384	4.862	8.411	8.532	5.815	0.940	-5.317
941	9.40	-11.930	-17.505	-20.403	-19.167	-13.159	-2.987	9.168	20.194	28.864	26.953
951	9.50	20.061	7.846	-6.454	-19.018	-26.578	-27.288	-21.058	-9.333	5.198	20.776
961	9.60	34.113	43.698	48.420	47.928	42.667	33.901	23.583	14.011	7.225	4.636
971	9.70	6.121	10.462	15.536	19.108	19.611	16.654	11.088	4.499	-1.228	-4.686
981	9.80	-5.152	-2.566	2.706	10.117	19.004	28.477	37.251	43.650	45.910	42.753
991	9.90	34.020	21.048	6.546	-6.075	-13.719	-14.592	-8.786	1.763	13.909	24.259

Table 7—45—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	30.108	30.044	24.089	13.459	0.132	-13.591	-25.416	-33.315	-35.777	-32.104
1011	10.10	-22.703	-9.219	5.662	18.673	27.002	28.939	24.517	15.476	4.655	-4.985
1021	10.20	-11.358	-13.873	-13.452	-11.974	-11.388	-12.884	-16.469	-20.954	-24.687	-26.092
1031	10.30	-24.381	-19.799	-13.476	-6.274	-1.748	1.278	1.874	0.429	-2.283	-5.360
1041	10.40	-7.956	-9.362	-9.043	-6.671	-2.231	3.857	10.644	16.708	20.388	20.201
1051	10.50	15.316	5.923	-6.659	-20.224	-32.223	-40.463	-43.727	-42.112	-36.951	-30.344
1061	10.60	-24.467	-20.876	-20.058	-21.355	-23.268	-24.021	-22.161	-17.018	-8.889	1.066
1071	10.70	11.146	19.521	24.621	25.433	21.673	13.848	5.213	-8.385	-18.776	-25.863
1081	10.80	-27.949	-24.320	-15.268	-2.175	12.781	27.094	38.454	45.176	46.444	42.331
1091	10.90	33.659	21.788	8.425	-4.534	-15.137	-21.555	-22.346	-16.764	-5.045	11.465
1101	11.00	30.433	48.925	63.976	73.187	75.176	69.771	57.915	41.376	22.377	3.262
1111	11.10	-13.735	-26.657	-33.982	-34.828	-29.199	-18.193	-4.023	10.240	21.255	26.202
1121	11.20	23.584	13.752	-1.035	-17.097	-30.264	-36.981	-35.264	-25.221	-9.000	9.812
1131	11.30	27.111	37.268	43.894	40.234	29.150	12.784	-5.948	-23.901	-38.193	-46.613
1141	11.40	-47.949	-42.212	-30.709	-15.893	-0.950	10.864	16.982	16.179	8.887	-2.952
1151	11.50	-16.480	-28.770	-37.627	-42.066	-42.316	-39.612	-34.585	-28.765	-22.399	-15.638
1161	11.60	-8.732	-2.365	2.322	4.091	2.223	-2.925	-9.735	-15.692	-18.215	-15.645
1171	11.70	-7.961	3.093	14.548	23.217	26.744	24.286	16.577	5.434	-7.023	-19.029
1181	11.80	-29.456	-37.648	-43.032	-44.815	-42.030	-33.982	-20.877	-4.286	12.889	27.041
1191	11.90	34.902	34.600	26.300	12.151	-4.434	-19.846	-31.286	-37.315	-37.859	-33.663
1201	12.00	-25.920	-15.700	-4.013	7.950	18.791	26.528	29.398	26.320	17.560	5.006
1211	12.10	-8.140	-18.191	-22.058	-18.199	-7.068	9.061	26.811	42.680	53.919	59.074
1221	12.20	58.100	52.121	43.020	33.093	24.242	18.588	17.331	20.978	29.090	40.261
1231	12.30	52.293	62.608	68.798	69.175	63.157	51.380	35.524	17.940	1.181	-12.400
1241	12.40	-20.969	-23.469	-19.482	-9.705	6.266	20.109	34.961	45.889	50.466	47.303
1251	12.50	36.403	19.209	-1.699	-23.156	-42.080	-56.058	-63.717	-64.819	-60.124	-51.096
1261	12.60	-39.586	-27.537	-16.753	-8.718	-6.423	-6.225	-7.748	-13.896	-21.027	-27.296
1271	12.70	-31.101	-31.526	-28.623	-23.435	-17.716	-13.421	-12.115	-14.503	-20.222	-27.976
1281	12.80	-35.952	-42.380	-46.024	-46.463	-44.081	-39.799	-34.693	-29.639	-25.107	-21.159
1291	12.90	-17.603	-14.194	-10.806	-7.499	-4.490	-2.068	-0.509	-0.023	-0.724	-2.590
1301	13.00	-5.612	-8.720	-11.763	-13.581	-13.203	-9.945	-3.696	6.935	16.693	23.988
1311	13.10	31.353	35.865	37.390	36.533	34.352	31.943	30.104	29.180	29.152	29.864
1321	13.20	31.250	33.418	36.548	40.664	45.423	50.055	53.518	54.826	53.388	49.224
1331	13.30	42.945	35.514	27.917	20.878	14.744	9.560	5.242	1.742	-0.904	-2.636
1341	13.40	-3.489	-3.648	-3.382	-2.878	-2.068	-0.598	2.005	6.000	11.092	16.275
1351	13.50	19.994	20.627	17.102	9.407	-1.261	-12.782	-22.768	-29.309	-31.546	-29.849
1361	13.60	-25.583	-20.592	-16.639	-14.999	-16.319	-20.668	-27.671	-36.586	-46.298	-55.304
1371	13.70	-61.803	-64.000	-60.593	-51.295	-37.157	-20.513	-4.490	7.797	14.092	13.603
1381	13.80	7.166	-3.078	-14.326	-23.855	-29.616	-30.553	-26.637	-18.702	-8.206	3.011
1391	13.90	12.961	19.756	21.912	18.663	10.211	-2.200	-16.462	-30.020	-40.418	-45.823
1401	14.00	-45.358	-39.177	-28.287	-14.239	1.199	16.298	29.501	39.512	45.371	46.571
1411	14.10	43.193	35.979	26.283	15.834	6.368	-0.727	-4.956	-6.306	-5.581	-3.811
1421	14.20	-1.922	-0.452	0.529	1.295	2.208	3.622	5.299	6.457	7.457	7.793
1431	14.30	7.608	7.403	7.880	9.670	13.076	17.919	23.559	29.069	33.486	36.053
1441	14.40	36.352	34.324	30.203	24.416	17.522	10.210	3.284	-2.360	-5.880	-6.582
1451	14.50	-4.340	0.456	6.814	13.346	18.595	21.391	21.112	17.775	11.945	4.522
1461	14.60	-3.687	-11.148	-17.673	-22.438	-24.989	-25.090	-22.804	-18.559	-13.132	-7.507
1471	14.70	-2.623	0.891	2.886	3.693	3.921	4.164	4.737	5.560	6.261	6.415
1481	14.80	5.817	4.636	3.363	2.579	2.657	3.535	4.681	5.263	4.454	1.738
1491	14.90	-2.914	-9.041	-15.848	-22.421	-27.916	-31.662	-33.202	-32.316	-29.066	-23.888

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-17.644	-11.576	-7.097	-5.431	-7.214	-12.203	-19.233	-26.479	-31.953	-34.087
1511	15.10	-32.195	-26.664	-18.816	-10.500	-3.589	0.527	1.243	-1.157	-5.600	-10.476
1521	15.20	-13.974	-14.457	-10.832	-2.856	8.698	22.079	34.863	44.485	48.885	47.085
1531	15.30	39.502	27.870	14.770	2.913	-5.592	-9.745	-9.773	-6.850	-2.566	1.664
1541	15.40	4.995	7.268	8.822	10.152	11.572	13.038	14.189	14.561	13.850	12.096
1551	15.50	9.714	7.357	5.686	5.146	5.843	7.538	9.760	11.952	13.599	14.309
1561	15.60	13.829	12.055	9.051	5.091	0.703	-3.337	-6.109	-6.743	-4.697	0.010
1571	15.70	6.665	13.936	20.140	23.669	23.430	19.175	11.609	2.232	-7.040	-14.359
1581	15.80	-18.386	-18.583	-15.273	-9.682	-2.647	3.730	8.376	10.426	9.525	5.807
1591	15.90	-0.153	-7.425	-14.836	-21.126	-25.140	-26.059	-23.596	-18.108	-10.563	-2.357
1601	16.00	4.999	10.226	12.554	11.856	8.408	3.688	-1.893	-7.235	-11.706	-14.979
1611	16.10	-16.944	-17.710	-17.322	-15.935	-13.749	-11.087	-8.418	-6.321	-5.376	-6.008
1621	16.20	-8.339	-12.106	-16.684	-21.209	-24.778	-26.663	-26.482	-24.274	-20.688	-15.842
1631	16.30	-11.182	-7.291	-4.755	-3.871	-4.611	-6.656	-9.350	-11.982	-13.705	-13.779
1641	16.40	-11.707	-7.363	-1.073	6.420	14.075	20.773	25.559	27.845	27.509	24.884
1651	16.50	20.620	15.508	10.310	5.642	1.937	-0.537	-1.844	-1.380	0.226	2.892
1661	16.60	6.291	9.982	13.504	16.455	18.539	19.604	19.603	18.578	16.650	14.045
1671	16.70	11.136	8.440	6.570	6.074	7.250	9.994	13.747	17.619	20.629	22.010
1681	16.80	21.441	19.129	15.709	12.013	8.808	6.619	5.669	5.944	7.296	9.517
1691	16.90	12.336	15.560	18.050	19.753	19.866	18.060	14.463	9.694	4.706	0.467
1701	17.00	-2.392	-3.810	-4.303	-4.737	-5.952	-8.396	-11.924	-15.833	-19.110	-20.773
1711	17.10	-20.102	-17.240	-12.253	-6.106	0.201	5.573	8.995	9.879	7.207	1.717
1721	17.20	-6.028	-14.244	-22.480	-27.826	-29.599	-27.636	-22.772	-16.130	-11.508	-8.815
1731	17.30	-9.541	-13.524	-19.665	-26.324	-31.832	-34.953	-35.025	-32.160	-26.895	-20.061
1741	17.40	-12.612	-5.497	0.393	4.303	5.741	4.629	1.402	-3.005	-7.355	-10.428
1751	17.50	-11.372	-9.959	-6.533	-2.023	2.566	6.371	8.878	9.932	9.607	8.030
1761	17.60	5.292	1.497	-3.088	-7.872	-11.912	-14.081	-13.412	-9.494	-2.750	5.557
1771	17.70	13.620	19.599	22.184	20.991	16.647	10.562	4.460	-0.136	-2.289	-1.822
1781	17.80	0.782	4.623	8.689	12.095	14.219	14.741	13.625	11.086	7.571	3.724
1791	17.90	0.311	-1.900	-2.323	-0.719	2.703	7.300	12.140	16.241	18.826	19.523
1801	18.00	18.435	16.080	13.218	10.622	8.876	8.261	8.630	9.677	10.884	11.783
1811	18.10	12.072	11.686	10.789	9.693	8.725	8.108	7.877	7.860	7.739	7.152
1821	18.20	5.811	3.592	0.574	-2.964	-6.604	-9.850	-12.213	-13.284	-12.808	-10.756
1831	18.30	-7.375	-3.197	1.023	4.429	6.274	6.998	6.891	6.005	4.726	2.573
1841	18.40	-13.106	-15.365	-15.971	-15.100	-13.181	-10.757	-8.367	-6.445	-5.492	-5.678
1851	18.50	-7.193	-10.013	-13.883	-18.309	-22.632	-26.175	-28.427	-29.183	-28.581	-27.015
1861	18.60	-24.944	-22.690	-20.313	-17.631	-14.369	-10.572	-5.781	-1.662	3.115	6.131
1871	18.70	7.669	7.875	7.320	6.804	7.057	8.673	10.982	14.099	17.131	19.427
1881	18.80	20.585	20.530	19.465	17.748	15.752	13.790	12.106	10.896	10.330	10.508
1891	18.90	11.385	12.695	13.941	14.489	13.760	11.453	7.712	3.149	-1.286	-4.569
1901	19.00	-5.882	-4.836	-1.551	3.406	9.197	14.900	19.682	22.891	24.110	23.167
1911	19.10	20.160	15.462	9.700	3.670	-1.817	-6.128	-8.983	-10.523	-11.247	-11.821
1921	19.20	-12.822	-14.511	-16.735	-18.976	-20.568	-20.856	-19.609	-16.961	-13.663	-9.932
1931	19.30	-7.226	-6.028	-6.470	-9.066	-12.707	-16.769	-20.283	-22.333	-22.267	-19.853
1941	19.40	-15.541	-9.416	-5.031	2.828	7.370	10.157	11.144	10.585	8.883	6.430
1951	19.50	3.515	0.334	-2.931	-6.015	-8.530	-10.019	-10.094	-8.596	-5.708	-1.951
1961	19.60	1.955	5.301	7.616	8.803	9.137	9.142	9.583	10.268	11.922	14.175
1971	19.70	16.641	18.836	20.292	20.629	19.579	16.994	12.868	7.381	0.951	-5.751
1981	19.80	-11.861	-16.461	-18.795	-18.468	-15.579	-10.726	-4.872	0.883	5.538	8.382
1991	19.90	9.082	7.672	4.493	0.112	-4.733	-9.189	-12.361	-13.445	-11.911	-7.702

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.565	6.069	13.104	18.334	20.732	19.965	16.481	11.347	5.913	1.414
2011	20.10	-1.348	-2.139	-1.230	0.791	3.251	5.576	7.337	8.270	8.235	7.199
2021	20.20	5.276	2.760	0.127	-2.043	-3.212	-3.056	-1.576	0.905	3.846	6.698
2031	20.30	9.044	10.690	11.609	11.821	11.272	9.792	7.175	3.350	-1.463	-6.691
2041	20.40	-11.596	-15.006	-16.595	-16.094	-13.850	-10.609	-7.219	-4.448	-2.694	-1.985
2051	20.50	-2.055	-2.517	-3.032	-3.612	-3.638	-3.811	-4.082	-4.599	-5.479	-6.804
2061	20.60	-8.603	-10.828	-13.319	-15.793	-17.873	-19.177	-19.433	-18.582	-16.822	-14.564
2071	20.70	-12.319	-10.552	-9.559	-9.402	-9.930	-10.847	-11.807	-12.486	-12.629	-12.066
2081	20.80	-10.707	-8.565	-5.753	-2.496	0.903	4.098	6.806	8.867	10.277	11.159
2091	20.90	11.682	11.957	11.979	11.620	10.711	9.158	7.048	4.688	2.561	1.094
2101	21.00	0.682	1.365	2.892	4.782	6.496	7.617	8.015	7.880	7.658	7.897
2111	21.10	9.053	11.329	14.591	18.396	22.093	25.021	26.674	26.844	25.672	23.595
2121	21.20	21.207	19.075	17.565	16.746	16.393	16.160	15.453	14.199	12.337	10.102
2131	21.30	7.853	5.899	4.370	3.170	2.246	0.721	-0.925	-2.795	-4.590	-5.939
2141	21.40	-6.573	-6.451	-5.785	-4.954	-4.335	-4.156	-4.419	-4.951	-5.542	-6.094
2151	21.50	-6.711	-7.664	-9.245	-11.572	-14.442	-17.308	-19.411	-20.026	-18.732	-15.602
2161	21.60	-11.241	-6.650	-2.955	-1.101	-1.601	-4.418	-9.004	-14.469	-19.832	-24.251
2171	21.70	-27.190	-28.474	-28.237	-26.809	-24.579	-21.903	-19.062	-16.281	-13.760	-11.686
2181	21.80	-10.196	-9.295	-8.783	-8.231	-7.061	-4.730	-0.952	4.118	9.843	15.242
2191	21.90	19.274	21.177	20.723	18.288	14.700	10.936	7.791	5.663	4.524	4.080
2201	22.00	4.009	4.161	4.596	5.473	6.827	8.393	9.574	9.602	7.831	4.039
2211	22.10	-1.407	-7.610	-13.398	-17.685	-19.788	-19.569	-17.390	-13.906	-9.830	-5.756
2221	22.20	-2.111	0.798	2.717	3.424	2.815	1.011	-1.931	-4.013	-5.623	-5.502
2231	22.30	-3.331	0.670	5.758	10.907	15.166	17.867	18.943	18.782	17.904	16.884
2241	22.40	16.058	15.506	15.137	14.851	14.651	14.648	14.954	15.533	16.101	16.172
2251	22.50	15.231	12.985	9.561	5.549	1.847	-0.663	-1.337	-0.189	2.295	5.246
2261	22.60	7.734	9.059	8.905	7.538	4.666	1.279	-2.454	-6.175	-9.468	-11.803
2271	22.70	-12.586	-11.334	-7.930	-2.814	2.996	8.122	11.239	11.523	8.967	4.410
2281	22.80	-0.745	-5.008	-7.310	-7.320	-5.480	-2.758	-0.248	1.214	1.266	0.025
2291	22.90	-2.084	-4.539	-6.893	-8.824	-10.108	-10.564	-10.056	-8.560	-6.252	-3.559
2301	23.00	-1.088	0.559	1.011	0.293	-1.168	-2.711	-3.731	-3.950	-3.540	-3.042
2311	23.10	-3.101	-4.144	-6.160	-8.678	-10.956	-12.302	-12.360	-11.257	-9.524	-7.259
2321	23.20	-6.839	-6.710	-7.354	-8.410	-9.474	-10.289	-10.783	-11.032	-11.103	-10.937
2331	23.30	-10.325	-8.988	-6.737	-3.610	0.076	3.803	7.019	9.313	10.527	10.750
2341	23.40	10.213	9.159	7.840	5.697	3.240	0.272	-3.039	-6.339	-9.178	-11.152
2351	23.50	-12.035	-11.847	-10.818	-9.277	-7.510	-5.670	-3.786	-1.734	0.459	2.724
2361	23.60	4.836	6.500	7.466	7.641	7.144	6.274	5.107	4.865	4.817	5.241
2371	23.70	5.973	6.810	7.607	8.341	9.130	10.067	11.327	12.894	14.635	16.317
2381	23.80	17.683	18.540	18.825	18.609	18.054	17.342	16.592	15.816	14.919	13.744
2391	23.90	12.149	10.086	7.649	5.084	2.744	1.015	0.216	0.513	1.863	3.996
2401	24.00	6.460	8.692	10.128	10.307	8.974	6.132	2.060	-2.729	-7.574	-11.795
2411	24.10	-16.829	-16.768	-16.425	-15.943	-13.715	-12.222	-11.444	-11.679	-12.851	-14.531
2421	24.20	-16.076	-16.857	-16.880	-16.944	-12.646	-10.268	-8.438	-7.670	-7.993	-9.025
2431	24.30	-10.090	-10.463	-9.636	-7.495	-4.367	-0.913	2.084	3.945	4.473	5.023
2441	24.40	0.498	-2.766	-6.108	-8.871	-10.507	-10.674	-9.315	-6.703	-3.433	-0.318
2451	24.50	1.786	2.227	0.766	-2.312	-6.225	-9.919	-12.384	-12.863	-11.252	-7.920
2461	24.60	-3.659	0.591	4.012	6.083	6.636	5.783	3.802	1.031	-2.181	-5.454
2471	24.70	-8.352	-10.380	-11.050	-10.002	-7.145	-2.734	2.638	8.155	12.971	16.400
2481	24.80	18.060	17.919	16.258	13.569	10.436	7.436	5.085	3.692	3.521	4.553
2491	24.90	6.569	9.135	11.069	13.546	14.253	13.524	11.427	8.368	5.004	2.080

Table 7—45—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1138 712-BK-1-13 TR. (HB.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.246	-0.103	1.083	3.505	6.597	9.667	12.062	13.306	13.204	11.859
2511	25.10	9.639	7.071	4.716	3.034	2.293	2.517	3.509	4.915	6.326	7.387
2521	25.20	7.873	7.732	7.074	6.121	5.132	4.324	3.817	3.604	3.561	3.487
2531	25.30	3.158	2.386	1.065	-0.807	-3.125	-5.699	-8.288	-10.638	-12.526	-13.796
2541	25.40	-14.391	-14.366	-13.886	-13.193	-12.559	-12.210	-12.263	-12.683	-13.280	-13.768
2551	25.50	-13.851	-13.340	-12.236	-10.754	-9.296	-8.316	-8.174	-8.999	-10.603	-12.512
2561	25.60	-14.079	-14.686	-13.939	-11.822	-8.729	-5.376	-2.597	-1.100	-1.246	-2.935
2571	25.70	-5.629	-8.495	-10.644	-11.358	-10.269	-7.618	-3.219	1.674	6.510	10.586
2581	25.80	13.348	14.452	13.803	11.572	8.195	4.362	0.858	-1.591	-2.301	-1.104
2591	25.90	1.738	5.538	9.351	12.236	13.529	13.038	11.078	8.370	5.802	4.174
2601	26.00	3.975	5.284	7.790	10.913	13.966	16.322	17.528	17.371	15.892	13.362
2611	26.10	10.233	7.056	4.378	2.628	2.016	2.479	3.695	5.169	6.369	6.871
2621	26.20	6.461	5.162	3.189	0.851	-1.561	-3.839	-5.873	-7.614	-9.012	-9.969
2631	26.30	-10.338	-9.987	-8.769	-6.796	-4.262	-1.523	0.995	2.901	3.952	4.006
2641	26.40	3.233	1.868	0.244	-1.319	-2.574	-3.395	-3.788	-3.866	-3.811	-3.816
2651	26.50	-4.034	-4.523	-5.225	-5.968	-6.506	-6.585	-6.033	-4.831	-3.152	-1.352
2661	26.60	0.110	0.785	0.369	-1.196	-3.671	-6.561	-9.216	-10.993	-11.613	-10.286
2671	26.70	-7.768	-4.335	-0.681	2.430	4.328	4.582	3.092	0.113	-3.787	-7.844
2681	26.80	-11.249	-13.308	-13.582	-11.973	-8.729	-4.383	0.363	4.792	8.301	10.504
2691	26.90	11.275	10.738	9.209	7.113	4.903	2.969	1.587	0.878	0.803	1.188
2701	27.00	1.777	2.297	2.529	2.360	1.809	1.010	0.174	-0.477	-0.765	-0.598
2711	27.10	0.013	0.959	2.068	3.129	3.938	4.323	4.176	3.470	2.265	0.706
2721	27.20	-1.014	-2.669	-4.060	-5.041	-5.563	-5.570	-5.190	-4.507	-3.643	-2.720
2731	27.30	-1.848	-1.118	-0.588	-0.268	-0.111	-0.014	0.165	0.566	1.284	2.327
2741	27.40	3.608	4.955	6.159	7.035	7.478	7.496	7.211	6.851	6.592	6.695
2751	27.50	7.254	8.255	9.552	10.885	11.930	12.363	11.935	10.536	8.228	5.254
2761	27.60	2.002	-1.072	-3.522	-5.003	-5.338	-4.547	-2.842	-0.588	1.769	3.778
2771	27.70	5.066	5.403	4.747	3.245	1.213	-0.927	-2.734	-3.831	-3.994	-3.196
2781	27.80	-1.629	0.329	2.174	3.370	3.456	2.136	-0.614	-4.531	-9.066	-13.471
2791	27.90	-16.934	-18.758	-18.535	-16.265	-12.402	-7.779	-3.435	-0.384	0.656	-0.656
2801	28.00	-4.001	-8.665	-13.506	-17.428	-19.440	-18.993	-16.080	-11.246	-5.652	0.166
2811	28.10	4.471	6.776	6.805	4.834	1.573	-2.036	-5.071	-6.852	-7.087	-5.901
2821	28.20	-3.745	-1.247	0.975	2.452	2.942	2.440	1.129	-0.694	-2.686	-4.516
2831	28.30	-5.896	-6.606	-6.516	-5.603	-3.958	-1.786	0.628	2.974	4.975	6.446
2841	28.40	7.331	7.703	7.737	7.657	7.481	7.963	8.568	9.459	10.521	11.591
2851	28.50	12.500	13.117	13.363	13.221	12.721	11.914	10.858	9.609	8.234	6.828
2861	28.60	5.533	4.529	4.000	4.076	4.772	5.954	7.341	8.559	9.233	9.079
2871	28.70	7.973	5.976	3.303	0.260	-2.826	-5.662	-8.012	-9.701	-10.606	-10.661
2881	28.80	-9.879	-8.379	-6.403	-4.305	-2.489	-1.325	-1.047	-1.682	-3.033	-4.719
2891	28.90	-6.275	-7.268	-7.610	-6.826	-5.060	-3.030	-0.942	0.812	1.943	2.323
2901	29.00	1.996	1.139	0.025	-1.070	-1.918	-2.373	-2.377	-1.943	-1.126	0.001
2911	29.10	1.343	2.775	4.125	5.180	5.719	5.572	4.696	3.217	1.430	-0.266
2921	29.20	-1.477	-1.935	-1.584	-0.605	0.462	1.812	2.515	2.602	2.099	1.185
2931	29.30	0.113	-0.873	-1.602	-1.987	-2.009	-1.685	-1.046	-0.135	0.978	2.188
2941	29.40	3.357	4.346	5.048	5.418	5.470	5.252	4.797	4.092	3.083	1.716
2951	29.50	0.001	-1.922	-3.792	-5.275	-6.082	-6.086	-5.399	-4.366	-3.458	-3.138
2961	29.60	-3.678	-5.075	-7.055	-9.171	-10.957	-12.077	-12.416	-12.081	-11.321	-10.424
2971	29.70	-9.618	-9.020	-8.644	-8.440	-8.336	-8.259	-8.130	-7.846	-7.278	-6.294
2981	29.80	-4.823	-2.905	-0.729	1.392	3.099	4.096	4.246	3.618	2.466	1.146
2991	29.90	0.007	-0.705	-0.887	-0.570	0.126	1.057	2.092	3.134	4.109	4.956

Table 7—45—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1138 712-BK-1-13 TR. (HD.) EDOGAWA EMB. MAX. ACC. = 126.143 (GAL) T= 7.22 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	5.628	6.101	6.391	6.556	6.680	6.839	7.063	7.320	7.539	7.604
3011	30.10	7.493	7.218	6.868	6.566	6.411	6.443	6.631	6.893	7.139	7.306
3021	30.20	7.363	7.300	7.094	6.695	6.035	5.071	3.833	2.444	1.108	0.049
3031	30.30	-0.569	-0.692	-0.386	0.213	0.980	1.868	2.917	4.212	5.780	7.506
3041	30.40	9.100	10.147	10.232	9.092	6.728	3.430	-0.292	-3.848	-6.725	-8.590
3051	30.50	-9.332	-9.026	-7.865	-6.104	-4.021	-1.924	-0.151	0.956	1.118	0.210
3061	30.60	-1.657	-4.117	-6.615	-8.558	-9.489	-9.242	-8.000	-6.240	-4.581	-3.589
3071	30.70	-3.611	-4.674	-6.505	-8.625	-10.498	-11.668	-11.865	-11.045	-9.383	-7.216
3081	30.80	-4.972	-3.091	-1.937	-1.722	-2.448	-3.879	-5.579	-6.997	-7.604	-7.042
3091	30.90	-5.239	-2.445	0.823	3.917	6.233	7.379	7.259	6.074	4.233	2.220
3101	31.00	0.463	-0.752	-1.302	-1.199	-0.544	0.508	1.761	2.971	3.855	4.123
3111	31.10	3.554	2.091	-0.093	-2.588	-4.829	-6.265	-6.431	-5.276	-2.994	-0.066
3121	31.20	2.921	5.429	7.106	7.814	7.622	6.702	5.268	3.530	1.706	0.034
3131	31.30	-1.219	-1.802	-1.557	-0.507	1.108	2.866	4.280	4.954	4.717	3.672
3141	31.40	2.159	0.624	-0.528	-1.051	-0.894	-0.168	0.940	2.245	3.605	4.914
3151	31.50	6.076	6.981	7.519	7.621	7.308	6.706	6.020	5.449	5.108	4.972
3161	31.60	4.889	4.649	4.089	3.163	1.971	0.706	-0.432	-1.517	-1.932	-2.346
3171	31.70	-2.648	-2.886	-3.039	-3.050	-2.889	-2.605	-2.340	-2.276	-2.548	-3.161
3181	31.80	-3.964	-4.694	-5.094	-5.026	-4.549	-3.910	-3.448	-3.461	-4.079	-5.213
3191	31.90	-6.583	-7.817	-8.576	-8.644	-7.971	-6.650	-4.865	-2.828	-0.746	1.200
3201	32.00	2.858	4.111	4.903	5.261	5.311	5.256	5.329	5.715	6.483	7.549
3211	32.10	8.688	9.595	9.968	9.595	8.606	6.491	4.083	1.505	-0.883	-2.760
3221	32.20	-3.894	-4.201	-3.765	-2.837	-1.785	-1.004	-0.818	-1.379	-2.623	-4.282
3231	32.30	-5.968	-7.285	-7.947	-7.850	-7.072	-5.823	-4.357	-2.886	-1.533	-0.335
3241	32.40	0.719	1.644	2.424	3.018	3.391	3.548	3.562	3.563	3.693	4.052
3251	32.50	4.652	5.393	6.117	6.608	6.707	6.340	5.562	4.444	3.263	2.148
3261	32.60	1.344	0.957	1.039	1.562	2.418	3.428	4.365	4.979	5.047	4.420
3271	32.70	3.059	1.066	-1.328	-3.791	-5.950	-7.465	-8.091	-7.735	-6.479	-4.566
3281	32.80	-2.360	-0.270	1.334	2.201	2.240	1.566	0.392	-0.968	-2.220	-3.151
3291	32.90	-3.668	-3.793	-3.636	-3.338	-3.036	-2.833	-2.791	-2.933	-3.250	-3.693
3301	33.00	-4.178	-4.592	-4.817	-4.767	-4.428	-3.870	-3.235	-2.675	-2.297	-2.104
3311	33.10	-1.994	-1.799	-1.372	-0.680	0.252	1.164	1.857	2.087	1.866	1.272
3321	33.20	0.512	-0.190	-0.677	-0.904	-0.927	-0.849	-0.753	-0.662	-0.541	-0.339
3331	33.30	-0.036	0.325	0.660	0.888	0.990	1.044	1.209	1.658	2.501	3.709
3341	33.40	5.103	6.391	7.256	7.465	6.950	5.842	4.458	3.122	2.251	2.050
3351	33.50	2.542	3.530	4.654	5.496	5.705	5.105	3.745	1.868	-0.186	-2.106
3361	33.60	-3.714	-5.003	-6.095	-7.137	-8.202	-9.242	-10.117	-10.688	-10.921	-10.930
3371	33.70	-10.932	-11.114	-11.502	-11.883	-11.868	-11.060	-9.284	-6.732	-3.971	-1.749
3381	33.80	-0.704	-1.072	-2.555	-4.408	-5.725	-5.799	-4.410	-1.899		

Table 7—46—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	5.509	4.336	1.620	-1.935	-5.285	-7.468	-7.993	-7.024	-5.264	-3.608
11	0.10	-2.719	-2.750	-3.329	-3.805	-3.634	-2.683	-1.303	-0.141	0.216	-0.434
21	0.20	-1.785	-3.166	-3.882	-3.551	-2.286	-0.601	0.879	1.754	2.039	2.108
31	0.30	2.426	3.234	4.366	5.312	5.531	4.774	3.297	1.775	0.965	1.278
41	0.40	2.515	3.913	4.525	3.743	1.699	-0.693	-2.111	-1.453	1.570	6.187
51	0.50	10.789	13.566	13.257	9.681	3.815	-2.602	-7.763	-10.446	-10.375	-8.157
61	0.60	-4.886	-1.643	0.882	2.489	3.321	3.616	3.505	2.984	2.025	0.721
71	0.70	-0.647	-1.689	-2.092	-1.791	-1.020	-0.204	0.262	0.205	-0.248	-0.778
81	0.80	-1.078	-1.050	-0.862	-0.849	-1.298	-2.261	-3.502	-4.614	-5.242	-5.269
91	0.90	-4.870	-4.372	-4.025	-3.811	-3.421	-2.428	-0.579	1.959	4.565	6.367
101	1.00	6.627	5.103	2.218	-1.076	-3.674	-4.771	-4.165	-2.384	-0.246	1.357
111	1.10	1.924	1.483	0.501	-0.413	-0.817	-0.638	-0.157	0.170	-0.033	-0.873
121	1.20	-2.142	-3.417	-4.231	-4.252	-3.372	-1.718	0.410	2.616	4.476	5.608
131	1.30	5.724	4.713	2.696	0.044	-2.669	-4.834	-5.969	-5.889	-4.758	-3.011
141	1.40	-1.176	0.338	1.383	2.094	2.762	3.661	4.873	6.223	7.362	7.817
151	1.50	7.370	5.978	3.894	1.561	-0.521	-1.945	-2.480	-2.126	-1.070	0.562
161	1.60	1.785	2.831	3.236	2.892	1.900	0.535	-0.830	-1.867	-2.322	-2.284
171	1.70	-1.969	-1.699	-1.715	-2.036	-2.620	-2.457	-1.776	-0.257	1.852	3.873
181	1.80	5.109	4.966	3.232	0.375	-2.764	-5.166	-6.038	-5.119	-2.771	0.162
191	1.90	2.691	4.060	4.013	2.844	1.222	-0.127	-0.721	-0.492	0.238	0.955
201	2.00	1.211	0.819	-0.084	-1.132	-1.910	-2.135	-1.758	-0.955	-0.037	0.659
211	2.10	0.859	0.400	-0.758	-2.518	-4.626	-6.668	-8.114	-8.442	-7.330	-4.823
221	2.20	-1.413	2.070	4.234	5.967	5.716	4.519	3.295	2.907	3.729	5.417
231	2.30	7.005	7.323	5.560	1.705	-3.333	-8.029	-10.832	-10.800	-7.995	-3.463
241	2.40	1.189	4.435	5.407	4.162	1.555	-1.197	-3.052	-3.524	-2.779	-1.439
251	2.50	-0.224	0.369	0.221	-0.459	-1.336	-2.141	-2.777	-3.275	-3.671	-3.890
261	2.60	-3.726	-2.939	-1.407	0.746	3.136	5.237	6.577	6.928	6.383	5.300
271	2.70	4.137	3.262	2.827	2.761	2.863	2.942	2.915	2.827	2.776	2.807
281	2.80	2.838	2.671	2.084	0.977	-0.528	-2.073	-3.174	-3.404	-2.586	-0.895
291	2.90	1.169	2.947	3.853	3.586	2.235	0.230	-1.825	-3.376	-4.100	-3.982
301	3.00	-3.253	-2.253	-1.271	-0.449	0.217	0.796	1.303	1.656	1.674	1.186
311	3.10	0.147	-1.285	-2.770	-3.899	-4.363	-4.078	-3.223	-2.161	-1.280	-0.834
321	3.20	-0.854	-1.169	-1.513	-1.667	-1.560	-1.276	-0.987	-0.845	-0.902	-1.098
331	3.30	-1.311	-1.145	-1.490	-1.532	-1.691	-2.015	-2.574	-3.153	-3.609	-3.801
341	3.40	-3.678	-3.294	-2.767	-2.224	-1.750	-1.378	-1.150	-0.942	-0.875	-0.897
351	3.50	-0.950	-0.916	-0.649	-0.042	0.892	1.981	2.929	3.431	3.308	2.614
361	3.60	1.640	0.815	0.534	0.994	2.107	3.552	4.893	5.776	6.044	5.775
371	3.70	5.206	4.603	4.145	3.861	3.658	3.395	2.964	2.350	1.629	0.943
381	3.80	0.457	0.325	0.660	1.507	2.804	4.362	5.761	6.606	6.450	5.055
391	3.90	2.509	-0.738	-3.978	-6.463	-7.671	-7.496	-6.278	-4.682	-3.419	-2.980
401	4.00	-3.468	-4.598	-5.864	-6.771	-7.040	-6.683	-5.943	-5.134	-4.479	-4.011
411	4.10	-3.596	-3.036	-2.196	-1.084	0.139	1.232	1.972	2.235	2.025	1.459
421	4.20	0.716	-0.003	-0.502	-0.615	-0.221	0.716	2.096	3.681	5.109	5.987
431	4.30	6.021	5.132	3.506	1.559	-0.200	-1.334	-1.624	-1.130	-0.137	0.964
441	4.40	1.835	2.305	2.402	2.301	2.229	2.350	2.702	3.191	3.648	3.899
451	4.50	3.846	3.496	2.953	2.371	1.892	1.584	1.421	1.294	1.064	0.627
461	4.60	-0.023	-0.777	-1.431	-1.766	-1.643	-1.080	-0.278	0.424	0.657	0.150
471	4.70	-1.160	-3.096	-5.284	-7.266	-8.639	-9.167	-8.833	-7.825	-6.462	-5.097
481	4.80	-4.023	-3.412	-3.281	-3.498	-3.823	-3.970	-3.687	-2.835	-1.439	0.312
491	4.90	2.125	3.712	4.898	5.698	6.296	6.953	7.867	9.051	10.303	11.272

Table 7—46—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	11.617	11.166	10.008	8.461	6.938	5.763	5.034	4.606	4.185	3.506
511	5.10	2.476	1.225	0.031	-0.835	-1.261	-1.355	-1.379	-1.608	-2.166	-2.962
521	5.20	-3.740	-4.229	-4.308	-4.084	-3.650	-3.925	-4.485	-5.444	-6.590	-7.538
531	5.30	-8.119	-8.388	-8.606	-9.070	-9.901	-10.899	-11.569	-11.523	-9.755	-6.868
541	5.40	-3.127	0.696	3.828	5.798	6.607	6.680	6.637	6.980	7.859	9.025
551	5.50	9.960	10.138	9.275	7.453	5.076	2.699	0.811	-0.320	-0.689	-0.483
561	5.60	0.044	0.686	1.332	1.954	2.559	3.135	3.635	3.986	4.111	3.946
571	5.70	3.443	2.582	1.385	-0.046	-1.517	-2.751	-3.468	-3.503	-2.919	-2.050
581	5.80	-1.426	-1.585	-2.838	-5.093	-7.830	-10.254	-11.586	-11.368	-9.652	-6.985
591	5.90	-4.190	-2.040	-0.962	-0.907	-1.423	-1.897	-1.842	-1.103	0.105	1.332
601	6.00	2.115	2.190	1.594	0.619	-0.327	-0.896	-0.922	-0.447	0.336	1.178
611	6.10	1.871	2.292	2.412	2.276	1.973	1.637	1.409	1.422	1.747	2.361
621	6.20	3.127	3.829	4.257	4.299	4.003	3.564	3.229	3.156	3.369	3.532
631	6.30	3.339	2.432	0.686	-1.702	-4.248	-6.336	-7.440	-7.316	-6.088	-4.180
641	6.40	-2.150	-0.485	0.548	0.943	0.881	0.603	0.278	-0.049	-0.445	-1.012
651	6.50	-1.803	-2.775	-3.796	-4.695	-5.316	-5.558	-5.387	-4.815	-3.889	-2.688
661	6.60	-1.334	0.003	1.114	1.794	1.900	1.389	0.323	-1.174	-2.980	-5.016
671	6.70	-7.235	-9.557	-11.773	-13.495	-14.199	-13.381	-10.776	-6.555	-1.383	3.707
681	6.80	7.621	9.564	9.331	7.381	4.656	2.214	0.825	0.699	1.467	2.419
691	6.90	2.871	2.508	1.522	0.497	0.084	0.649	2.043	3.641	4.612	4.323
701	7.00	2.681	0.247	-1.924	-2.680	-1.213	2.597	8.106	14.086	19.107	21.960
711	7.10	21.981	19.191	14.221	8.083	1.883	-3.466	-7.430	-9.943	-11.350	-12.254
721	7.20	-13.274	-14.793	-16.763	-18.648	-19.555	-18.523	-14.891	-8.609	-0.362	8.562
731	7.30	16.640	22.577	25.712	26.199	24.913	23.102	21.950	22.185	23.882	26.500
741	7.40	29.103	30.680	30.439	28.011	23.522	17.563	11.059	5.092	0.678	-1.462
751	7.50	-1.082	1.494	5.428	9.571	12.761	14.124	13.267	10.307	5.734	0.185
761	7.60	-5.757	-11.659	-17.214	-22.145	-26.140	-28.888	-30.202	-30.183	-29.295	-28.270
771	7.70	-27.848	-28.457	-29.971	-31.684	-32.539	-31.512	-28.005	-22.058	-14.303	-5.698
781	7.80	2.814	10.554	17.151	22.402	26.067	27.750	26.990	23.522	17.584	10.076
791	7.90	2.435	-3.777	-7.424	-8.255	-7.046	-5.345	-4.892	-6.955	-11.838	-18.764
801	8.00	-26.167	-32.254	-35.621	-35.676	-32.735	-27.805	-22.172	-16.976	-12.922	-10.194
811	8.10	-8.551	-7.504	-6.506	-5.073	-2.847	0.376	4.625	9.725	15.283	20.726
821	8.20	25.405	28.740	30.407	30.411	29.096	27.012	24.730	22.653	20.921	19.430
831	8.30	17.969	16.384	14.711	13.194	12.190	11.997	12.681	13.985	15.350	16.033
841	8.40	15.282	12.492	7.309	-0.318	-10.125	-21.522	-33.596	-45.169	-54.935	-61.712
851	8.50	-64.749	-63.982	-60.100	-54.351	-48.100	-42.296	-37.079	-31.712	-24.936	-15.597
861	8.60	-3.316	11.149	26.017	39.083	48.534	53.628	54.895	53.740	51.748	49.857
871	8.70	47.111	42.735	34.907	22.753	6.797	-10.705	-26.540	-37.492	-41.443	-38.036
881	8.80	-28.647	-15.739	-1.930	10.812	21.509	30.007	36.479	40.948	43.093	42.442
891	8.90	38.787	32.567	24.947	17.505	11.662	8.109	6.526	5.717	4.113	0.618
901	9.00	-5.887	-14.344	-23.686	-32.236	-38.375	-40.897	-39.218	-33.428	-24.274	-13.091
911	9.10	-1.673	7.967	13.969	15.078	11.043	2.795	-7.710	-17.988	-25.711	-29.367
921	9.20	-28.648	-24.458	-18.547	-12.923	-9.260	-8.480	-10.613	-14.923	-20.201	-25.132
931	9.30	-28.605	-29.923	-28.878	-25.689	-20.863	-14.879	-8.190	-0.925	6.970	15.575
941	9.40	24.766	34.043	42.537	49.219	53.243	54.278	52.647	49.208	44.993	40.799
951	9.50	36.913	33.124	29.010	24.340	19.361	14.784	11.513	10.067	10.314	11.378
961	9.60	12.005	11.162	8.586	4.992	1.804	0.507	1.914	5.716	10.495	14.276
971	9.70	15.286	12.643	6.653	-1.385	-9.741	-16.896	-22.002	-24.990	-26.363	-26.838
981	9.80	-27.023	-27.267	-27.664	-28.147	-28.561	-28.681	-28.211	-26.837	-24.361	-20.875
991	9.90	-16.863	-13.121	-10.495	-9.520	-10.171	-11.872	-13.801	-15.350	-16.472	-17.699

Table 7—46—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-19.753	-22.937	-26.638	-29.288	-28.896	-23.995	-14.554	-2.373	9.324	17.020
1011	10.10	18.298	12.884	2.836	-8.240	-16.604	-19.806	-17.482	-11.192	-3.460	3.499
1021	10.20	8.694	12.526	16.173	20.606	25.810	30.561	33.525	33.252	29.975	25.244
1031	10.30	21.369	20.139	21.937	25.155	26.866	24.137	15.519	1.989	-13.154	-25.427
1041	10.40	-30.889	-27.702	-16.865	-1.824	12.867	23.242	27.289	25.475	20.285	15.052
1051	10.50	12.596	14.204	19.281	25.710	30.705	31.781	27.544	18.070	4.851	-9.628
1061	10.60	-22.514	-31.277	-34.300	-31.261	-23.196	-12.223	-0.975	8.127	13.516	14.641
1071	10.70	12.924	9.285	5.473	2.437	0.205	-2.000	-5.262	-10.333	-17.133	-24.632
1081	10.80	-31.175	-35.127	-35.566	-32.601	-27.533	-22.168	-18.172	-16.361	-16.368	-16.707
1091	10.90	-15.576	-11.479	-4.040	5.720	15.625	23.065	25.934	23.422	16.382	7.101
1101	11.00	-1.434	-6.529	-6.656	-1.925	6.028	14.651	21.358	24.369	23.079	18.260
1111	11.10	11.436	4.338	-1.699	-6.071	-8.309	-10.748	-12.247	-13.788	-15.405	-16.863
1121	11.20	-17.859	-18.209	-17.937	-17.224	-16.277	-15.202	-13.954	-12.403	-10.466	-8.240
1131	11.30	-6.049	-4.379	-3.701	-4.270	-5.979	-8.320	-10.503	-11.666	-11.136	-8.621
1141	11.40	-4.330	1.106	6.803	11.884	15.746	18.229	19.665	20.769	22.297	24.952
1151	11.50	28.937	33.841	39.189	43.661	46.382	46.690	44.378	39.673	33.090	25.228
1161	11.60	16.658	7.663	-1.296	-9.882	-17.589	-23.787	-27.887	-29.429	-28.348	-25.004
1171	11.70	-20.142	-14.728	-9.740	-5.970	-3.910	-3.708	-5.186	-7.886	-11.127	-14.081
1181	11.80	-15.908	-15.942	-13.902	-10.048	-5.195	-0.523	2.790	4.003	3.130	1.013
1191	11.90	-0.951	-1.332	0.738	5.130	10.666	15.477	17.669	16.062	10.696	2.916
1201	12.00	-5.018	-10.660	-12.186	-8.991	-1.891	7.144	15.593	21.128	22.243	18.605
1211	12.10	11.050	1.261	-8.738	-17.118	-22.678	-25.068	-24.774	-22.885	-20.719	-19.408
1221	12.20	-19.568	-21.128	-23.394	-25.302	-25.791	-24.157	-20.274	-14.614	-8.050	-1.560
1231	12.30	4.072	8.426	11.441	13.269	14.074	13.895	12.637	10.234	6.833	2.967
1241	12.40	-0.440	-2.262	-1.499	2.350	9.032	17.496	26.109	33.082	36.966	37.081
1251	12.50	33.723	28.087	21.925	17.002	14.578	14.924	17.459	20.437	21.923	20.165
1261	12.60	14.214	6.271	-5.310	-21.378	-32.574	-39.988	-42.642	-40.684	-35.227	-27.922
1271	12.70	-20.463	-14.096	-9.447	-6.524	-4.937	-4.179	-3.842	-3.709	-3.714	-3.829
1281	12.80	-3.982	-4.027	-3.808	-3.251	-2.429	-1.556	-0.895	-0.626	-0.750	-1.052
1291	12.90	-1.180	-0.782	0.342	2.144	4.324	6.423	7.974	8.655	8.402	7.635
1301	13.00	6.201	5.245	5.054	5.897	7.720	10.111	12.379	13.723	13.466	11.289
1311	13.10	7.379	2.428	-2.533	-6.436	-8.503	-8.513	-6.851	-4.368	-2.078	-0.810
1321	13.20	-0.948	-2.358	-4.503	-6.683	-8.280	-8.908	-8.420	-6.821	-4.157	-0.479
1331	13.30	4.096	9.243	14.360	18.573	20.949	20.787	17.901	12.747	6.319	-0.160
1341	13.40	-5.622	-9.653	-11.582	-12.334	-12.156	-11.347	-9.951	-7.866	-4.966	-1.512
1351	13.50	1.996	4.865	6.522	6.789	5.990	4.798	3.907	3.661	3.882	3.857
1361	13.60	2.877	0.466	-3.210	-7.359	-10.855	-12.723	-12.557	-10.698	-8.065	-5.741
1371	13.70	-4.504	-4.527	-5.376	-6.278	-6.698	-5.656	-3.816	-1.362	1.267	3.687
1381	13.80	5.835	7.674	9.141	10.029	10.037	8.944	6.798	3.995	1.166	-1.698
1391	13.90	-2.503	-3.208	-3.698	-4.480	-5.718	-7.051	-7.688	-6.789	-3.961	0.509
1401	14.00	5.468	9.486	11.360	10.675	8.020	4.748	2.389	1.969	3.560	6.265
1411	14.10	8.644	9.383	7.884	4.519	0.437	-2.975	-4.705	-4.534	-3.071	-1.437
1421	14.20	-0.735	-1.589	-3.926	-7.077	-10.111	-12.228	-13.024	-12.544	-11.143	-9.256
1431	14.30	-7.199	-5.125	-3.058	-1.020	0.887	2.477	3.554	4.015	3.912	3.446
1441	14.40	2.891	2.505	2.476	2.922	3.934	5.603	7.990	11.037	14.465	17.726
1451	14.50	20.086	20.829	19.533	16.295	11.776	7.036	3.173	0.911	0.309	0.727
1461	14.60	1.012	0.259	-2.316	-6.447	-11.516	-15.440	-17.589	-17.093	-14.160	-9.829
1471	14.70	-5.600	-2.897	-2.575	-4.651	-8.360	-12.489	-15.850	-17.696	-17.959	-17.094
1481	14.80	-15.993	-15.414	-15.750	-16.865	-18.161	-18.822	-18.131	-15.734	-11.762	-6.780
1491	14.90	-1.583	3.065	6.660	9.072	10.510	11.367	12.005	12.583	12.984	12.881

Table 7—46—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	11.917	9.904	6.977	3.614	0.516	-1.601	-2.251	-1.222	1.213	4.404
1511	15.10	8.396	12.099	15.266	17.982	19.805	20.726	20.691	19.773	18.237	16.535
1521	15.20	15.171	14.484	14.425	14.473	13.760	11.404	6.919	0.528	-6.769	-13.583
1531	15.30	-18.446	-20.551	-19.970	-17.619	-14.869	-12.867	-12.140	-12.416	-12.761	-12.185
1541	15.40	-10.386	-7.072	-3.875	-1.893	-2.071	-4.530	-8.459	-12.444	-15.065	-15.491
1551	15.50	-13.798	-10.866	-7.934	-6.021	-5.508	-6.058	-6.891	-7.236	-6.739	-5.592
1561	15.60	-4.350	-3.544	-3.309	-3.228	-2.507	-0.373	3.493	8.708	14.271	18.937
1571	15.70	21.716	22.259	20.956	18.713	16.518	15.007	14.238	13.751	12.879	11.131
1581	15.80	8.470	5.353	2.531	0.708	0.244	1.020	2.519	4.082	5.105	5.632
1591	15.90	5.581	5.409	5.497	6.048	6.996	8.047	8.811	8.947	8.283	6.852
1601	16.00	4.865	2.640	0.512	-1.241	-2.457	-3.122	-3.378	-3.494	-3.794	-4.562
1611	16.10	-5.935	-7.836	-9.969	-11.897	-13.174	-13.683	-12.732	-11.065	-8.792	-6.271
1621	16.20	-3.798	-1.546	0.424	2.519	3.528	4.599	5.246	5.390	5.009	4.157
1631	16.30	2.948	1.508	-0.071	-1.745	-3.497	-5.291	-7.037	-8.585	-9.771	-10.474
1641	16.40	-10.676	-10.465	-9.996	-9.411	-8.771	-8.032	-7.086	-5.843	-4.319	-2.681
1651	16.50	-1.211	-0.210	0.127	-0.193	-0.951	-1.791	-2.564	-2.479	-2.192	-1.798
1661	16.60	-1.708	-2.263	-3.549	-5.283	-6.836	-7.411	-6.287	-3.122	1.873	7.915
1671	16.70	13.833	18.417	20.807	20.796	18.909	16.229	14.007	13.208	14.149	16.397
1681	16.80	18.952	20.648	20.613	18.584	14.973	10.647	6.552	3.343	1.187	-0.184
1691	16.90	-1.240	-2.351	-3.604	-4.813	-5.702	-6.159	-6.393	-6.892	-8.190	-10.564
1701	17.00	-13.809	-17.252	-19.897	-20.999	-20.218	-17.866	-14.763	-11.900	-10.068	-9.496
1711	17.10	-10.016	-11.062	-12.063	-12.664	-12.788	-12.516	-11.878	-10.706	-8.667	-5.367
1721	17.20	-0.810	4.618	10.072	14.545	17.252	17.975	17.162	15.752	14.757	14.701
1731	17.30	15.533	16.468	16.316	14.167	9.450	3.158	-4.211	-11.045	-16.198	-19.083
1741	17.40	-19.810	-19.029	-17.598	-16.227	-15.245	-14.558	-13.786	-12.487	-10.368	-7.391
1751	17.50	-3.777	0.087	3.775	6.915	9.271	10.740	11.352	11.242	10.617	9.729
1761	17.60	8.824	8.110	7.716	7.675	7.944	8.410	8.929	9.359	9.580	9.527
1771	17.70	9.206	8.717	8.247	8.036	8.306	9.174	10.575	12.246	13.776	14.726
1781	17.80	14.746	13.772	11.854	9.278	6.346	3.281	0.176	-2.976	-6.156	-9.241
1791	17.90	-11.956	-13.962	-14.899	-14.738	-13.668	-12.152	-10.760	-9.953	-9.920	-10.525
1801	18.00	-11.381	-12.029	-12.126	-11.569	-10.505	-9.255	-8.186	-7.596	-7.659	-8.417
1811	18.10	-9.786	-11.572	-13.460	-15.026	-15.783	-15.313	-13.401	-10.767	-6.091	-1.887
1821	18.20	1.727	4.301	5.827	6.740	7.729	9.425	12.119	15.611	19.290	22.374
1831	18.30	24.225	24.570	23.553	21.592	19.115	16.477	13.593	10.311	6.441	2.078
1841	18.40	-2.503	-6.710	-9.929	-11.750	-12.055	-11.130	-9.590	-8.061	-7.084	-6.965
1851	18.50	-7.742	-9.222	-11.065	-12.885	-14.341	-15.219	-15.496	-15.340	-15.077	-15.030
1861	18.60	-15.357	-15.892	-16.108	-15.255	-12.633	-7.938	-1.492	5.738	12.407	17.245
1871	18.70	19.534	19.592	17.736	15.928	15.257	16.351	19.148	22.809	26.208	28.395
1881	18.80	28.956	28.077	26.373	24.502	22.869	21.577	19.719	17.428	14.253	10.290
1891	18.90	5.950	1.778	-1.765	-4.443	-6.264	-7.381	-7.973	-8.182	-8.137	-8.037
1901	19.00	-8.199	-9.011	-10.777	-13.523	-16.876	-20.097	-22.324	-22.883	-21.586	-18.833
1911	19.10	-15.478	-12.500	-10.623	-10.052	-10.450	-11.143	-11.660	-11.031	-9.921	-8.529
1921	19.20	-7.362	-6.669	-6.386	-6.171	-5.502	-4.026	-1.743	0.988	3.571	5.430
1931	19.30	6.234	6.008	5.079	3.909	2.894	2.229	1.888	1.715	1.556	1.367
1941	19.40	1.237	1.324	1.754	2.524	3.495	4.452	5.165	5.580	5.755	5.861
1951	19.50	6.070	6.453	6.935	7.317	7.482	7.525	7.014	6.879	7.255	8.345
1961	19.60	10.018	11.797	12.968	12.821	10.935	7.366	2.701	-2.131	-6.146	-8.634
1971	19.70	-9.382	-8.695	-7.234	-5.729	-4.707	-4.332	-4.425	-4.635	-4.647	-4.368
1981	19.80	-3.853	-3.402	-3.199	-3.273	-3.653	-3.663	-3.065	-2.300	-1.323	-0.507
1991	19.90	-0.163	-0.376	-0.922	-1.329	-1.058	0.267	2.690	5.877	9.220	12.037

Table 7--46--5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2001	20.00	13.788	14.217	13.402	11.685	9.552	7.490	5.869	4.868	4.435	4.296
2011	20.10	4.010	3.068	1.068	-2.232	-6.591	-11.481	-16.104	-19.668	-21.553	-21.716
2021	20.20	-20.519	-18.698	-17.060	-16.083	-15.908	-16.128	-16.078	-15.109	-12.885	-9.527
2031	20.30	-5.581	-1.798	1.140	2.857	3.376	3.054	2.398	1.857	1.679	1.874
2041	20.40	2.280	2.692	2.974	3.122	3.280	3.634	4.379	5.422	7.377	9.508
2051	20.50	11.804	13.992	15.790	16.964	17.367	16.972	15.866	14.235	12.353	10.125
2061	20.60	7.951	5.773	3.599	1.449	-0.606	-2.462	-3.919	-4.934	-5.473	-5.630
2071	20.70	-5.579	-5.512	-5.573	-5.809	-6.163	-6.507	-6.691	-6.597	-6.176	-5.440
2081	20.80	-4.465	-3.370	-2.260	-1.251	-0.431	0.151	0.500	0.667	0.742	0.811
2091	20.90	0.920	1.044	1.097	0.975	0.620	0.080	-0.470	-0.775	-0.586	0.222
2101	21.00	1.575	3.187	4.630	5.473	5.420	4.610	2.633	0.459	-1.693	-3.484
2111	21.10	-4.745	-5.495	-5.885	-6.112	-6.330	-6.605	-6.906	-7.150	-7.248	-7.147
2121	21.20	-6.845	-6.378	-5.795	-5.133	-4.404	-3.596	-2.687	-1.667	-0.548	0.521
2131	21.30	1.758	2.760	3.520	3.956	4.039	3.818	3.416	3.012	2.795	2.899
2141	21.40	3.365	4.118	4.988	5.774	6.311	6.528	6.465	6.247	6.018	5.875
2151	21.50	5.822	5.765	5.552	5.036	4.138	2.870	1.334	-0.320	-1.947	-3.438
2161	21.60	-4.741	-5.868	-6.774	-7.534	-8.137	-8.584	-8.873	-9.001	-8.955	-8.707
2171	21.70	-8.212	-7.427	-6.333	-4.968	-3.437	-1.894	-0.506	0.604	1.393	1.912
2181	21.80	2.277	2.621	3.040	3.563	4.158	4.755	5.298	5.767	6.184	6.596
2191	21.90	7.037	7.523	8.032	8.537	9.021	9.495	9.988	10.519	11.076	11.602
2201	22.00	12.014	12.244	12.277	12.164	12.001	11.870	11.780	11.618	11.168	10.176
2211	22.10	8.450	5.984	2.907	-0.361	-3.305	-5.558	-6.856	-7.219	-6.929	-6.440
2221	22.20	-6.223	-6.619	-7.724	-9.372	-11.203	-12.796	-13.822	-14.153	-13.886	-13.282
2231	22.30	-12.641	-12.169	-11.901	-11.708	-11.378	-10.751	-9.814	-8.728	-7.758	-7.137
2241	22.40	-6.929	-6.965	-6.882	-6.569	-6.868	-2.608	0.164	2.984	5.353	6.954
2251	22.50	7.735	7.914	7.834	7.794	7.917	8.111	8.144	7.784	6.919	5.613
2261	22.60	4.061	2.488	1.036	-0.284	-1.582	-2.909	-4.363	-5.858	-7.251	-8.411
2271	22.70	-9.291	-9.959	-10.535	-11.099	-11.586	-11.774	-11.350	-10.066	-7.882	-5.047
2281	22.80	-2.051	0.538	2.273	2.998	2.887	2.355	1.876	1.784	2.159	2.836
2291	22.90	3.521	3.958	4.069	3.990	4.010	4.435	5.449	7.026	8.939	10.843
2301	23.00	12.387	13.322	13.567	13.161	12.257	11.038	9.669	8.275	6.935	5.690
2311	23.10	4.545	3.478	2.446	1.402	0.320	-0.785	-1.848	-2.768	-3.439	-3.794
2321	23.20	-3.831	-3.619	-3.272	-2.910	-2.616	-2.413	-2.274	-2.145	-1.982	-1.771
2331	23.30	-1.534	-1.307	-1.114	-0.950	-0.780	-0.564	-0.287	0.015	0.258	0.337
2341	23.40	0.176	-0.220	-0.749	-1.223	-1.610	-1.220	-0.575	0.355	1.277	1.844
2351	23.50	1.772	0.944	-0.536	-2.379	-4.216	-5.730	-6.778	-7.430	-7.917	-8.508
2361	23.60	-9.368	-10.474	-11.622	-12.530	-12.994	-13.002	-12.758	-12.576	-12.701	-13.136
2371	23.70	-13.568	-13.474	-12.336	-9.914	-6.418	-2.495	1.001	3.359	4.361	4.316
2381	23.80	4.136	4.776	6.893	10.506	14.934	19.051	21.747	22.387	21.085	18.669
2391	23.90	16.240	14.894	15.110	16.696	18.911	20.829	21.740	21.408	20.082	18.293
2401	24.00	16.546	15.082	13.821	12.488	10.838	8.838	6.703	4.765	3.248	2.087
2411	24.10	0.898	-0.870	-3.661	-7.557	-12.166	-16.728	-20.389	-22.533	-23.015	-22.203
2421	24.20	-20.800	-19.550	-18.945	-19.061	-19.582	-19.985	-19.787	-18.750	-16.958	-14.757
2431	24.30	-12.588	-10.816	-9.605	-8.896	-8.469	-8.069	-7.509	-6.735	-5.819	-4.897
2441	24.40	-4.074	-3.360	-2.533	-1.373	0.443	3.113	6.610	10.617	14.573	17.812
2451	24.50	19.764	20.152	19.100	17.101	14.854	13.017	11.974	11.723	11.905	11.992
2461	24.60	11.525	10.316	8.513	6.525	4.819	3.719	3.270	3.247	3.284	3.058
2471	24.70	2.440	1.536	0.614	-0.056	-0.346	-0.344	-0.316	-0.582	-1.363	-2.685
2481	24.80	-4.369	-6.125	-7.681	-8.892	-9.784	-10.499	-11.192	-11.923	-12.601	-13.014
2491	24.90	-12.922	-12.170	-10.771	-8.919	-6.925	-5.114	-3.716	-2.811	-2.335	-2.143

Table 7--46--6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
2501	25.00	-2.091	-2.098	-2.161	-2.327	-2.625	-3.023	-3.415	-3.652	-3.606	-3.241
2511	25.10	-2.635	-1.959	-1.407	-1.108	-1.063	-1.126	-1.057	-0.612	0.353	1.819
2521	25.20	3.596	5.377	6.839	7.741	7.999	7.698	7.048	6.311	5.710	5.376
2531	25.30	5.321	5.662	5.667	5.817	5.851	5.779	5.672	5.628	5.720	5.966
2541	25.40	6.318	6.677	6.945	7.074	7.096	7.128	7.317	7.774	8.498	9.336
2551	25.50	10.000	10.151	9.502	7.930	5.530	2.592	-0.478	-3.287	-5.558	-7.190
2561	25.60	-8.248	-8.896	-9.352	-9.623	-9.882	-10.088	-10.223	-10.296	-10.330	-10.363
2571	25.70	-10.391	-10.351	-10.132	-9.612	-8.721	-7.478	-6.010	-4.511	-3.192	-2.207
2581	25.80	-1.616	-1.380	-1.378	-1.462	-1.488	-1.368	-0.970	-0.320	0.609	1.793
2591	25.90	3.180	4.677	6.168	7.525	8.633	9.421	9.862	9.981	9.829	9.467
2601	26.00	8.945	8.267	7.699	6.565	5.467	4.192	2.750	1.186	-0.409	-1.907
2611	26.10	-3.159	-4.040	-4.684	-4.517	-4.264	-3.915	-3.669	-3.665	-3.934	-4.389
2621	26.20	-4.856	-5.165	-5.119	-4.746	-4.104	-3.366	-2.635	-2.089	-1.740	-1.544
2631	26.30	-1.412	-1.264	-1.067	-0.852	-0.692	-0.670	-0.835	-1.170	-1.592	-1.964
2641	26.40	-2.135	-1.976	-1.416	-0.459	0.812	2.256	3.688	4.933	5.843	6.330
2651	26.50	6.378	6.044	5.435	4.679	3.888	3.130	2.418	1.715	0.958	0.095
2661	26.60	-0.886	-1.933	-2.940	-3.767	-4.280	-4.399	-4.119	-3.514	-2.718	-1.878
2671	26.70	-1.116	-0.486	0.011	0.421	0.803	1.191	1.582	1.962	2.227	2.410
2681	26.80	2.487	2.477	2.401	2.261	2.036	1.689	1.195	0.558	-0.175	-0.933
2691	26.90	-1.647	-2.281	-2.836	-3.339	-3.815	-4.251	-4.599	-4.799	-4.820	-4.701
2701	27.00	-4.553	-4.520	-4.710	-5.128	-5.656	-6.089	-6.235	-6.011	-5.516	-4.992
2711	27.10	-4.746	-4.985	-5.693	-6.601	-7.260	-7.204	-6.141	-4.073	-1.316	1.625
2721	27.20	4.227	6.146	7.315	7.932	8.340	8.868	9.695	10.786	11.930	12.633
2731	27.30	13.226	12.944	11.952	10.328	8.229	5.857	3.445	1.241	-0.501	-1.608
2741	27.40	-1.982	-1.684	-0.915	0.033	0.879	1.400	1.573	1.466	1.237	1.016
2751	27.50	0.818	0.683	0.424	0.007	-0.539	-1.082	-1.454	-1.538	-1.369	-1.055
2761	27.60	-0.907	-1.125	-1.771	-2.687	-3.529	-3.894	-3.684	-2.248	-0.622	1.531
2771	27.70	3.077	3.793	3.503	2.326	0.617	-1.160	-2.584	-3.396	-3.546	-3.174
2781	27.80	-2.551	-1.985	-1.752	-2.032	-2.886	-4.244	-5.921	-7.648	-9.132	-10.127
2791	27.90	-10.492	-10.235	-9.506	-8.532	-7.535	-6.643	-5.836	-4.964	-3.813	-2.217
2801	28.00	-0.144	2.252	4.665	6.724	8.111	8.663	8.423	7.619	6.591	5.685
2811	28.10	5.164	5.143	5.585	6.330	7.152	7.824	8.176	8.126	7.698	7.001
2821	28.20	6.205	5.686	4.989	4.786	4.871	5.176	5.602	6.056	6.480	6.843
2831	28.30	7.123	7.274	7.216	6.834	6.044	4.825	3.269	1.575	0.006	-1.193
2841	28.40	-1.876	-2.045	-1.845	-1.500	-1.231	-1.173	-1.343	-1.656	-1.983	-2.225
2851	28.50	-2.552	-2.616	-2.508	-2.314	-3.065	-3.535	-4.047	-4.614	-5.178	-5.816
2861	28.60	-6.603	-7.388	-8.238	-9.922	-10.937	-11.565	-11.449	-11.147	-10.155	-8.872
2871	28.70	-7.539	-6.368	-5.481	-4.889	-4.506	-4.195	-3.819	-3.287	-2.582	-1.755
2881	28.80	-0.909	-0.160	0.389	0.681	0.710	0.518	0.188	-0.180	-0.483	-0.630
2891	28.90	-0.552	-0.208	0.410	1.276	2.322	3.450	4.542	5.480	6.173	6.582
2901	29.00	6.726	6.677	6.535	6.391	6.295	6.248	6.206	6.108	5.913	5.625
2911	29.10	5.289	4.975	4.731	4.556	4.383	4.101	3.597	2.810	1.758	0.540
2921	29.20	-0.708	-1.875	-2.934	-3.959	-5.098	-6.507	-8.258	-10.279	-12.343	-14.120
2931	29.30	-15.283	-15.618	-15.108	-13.938	-12.439	-10.968	-9.779	-8.939	-8.307	-7.599
2941	29.40	-6.502	-4.808	-2.506	0.206	2.962	5.344	7.018	7.828	7.839	7.303
2951	29.50	6.586	5.957	5.680	5.771	6.101	6.451	6.605	6.440	5.970	5.344
2961	29.60	4.776	4.467	4.515	4.886	5.416	5.877	6.057	5.828	5.183	4.221
2971	29.70	3.104	1.991	1.001	0.187	-0.449	-0.929	-1.273	-1.490	-1.585	-1.571
2981	29.80	-1.480	-1.361	-1.260	-1.203	-1.183	-1.174	-1.162	-1.071	-0.972	-0.868
2991	29.90	-0.776	-0.680	-0.525	-0.236	0.242	0.912	1.700	2.477	3.095	3.443

Table 7—46—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	5.493	5.301	2.986	2.680	2.684	2.641	2.544	2.758	3.051	3.401
3011	30.10	3.793	4.198	4.556	4.778	4.770	4.468	3.863	3.013	2.016	0.978
3021	30.20	-0.024	-0.960	-1.833	-2.657	-3.430	-4.120	-4.680	-5.072	-5.290	-5.368
3031	30.30	-5.360	-5.312	-5.233	-5.088	-4.819	-4.381	-3.775	-3.064	-2.358	-1.768
3041	30.40	-1.367	-1.156	-1.070	-1.004	-0.857	-0.569	-0.139	0.384	0.925	1.415
3051	30.50	1.809	2.093	2.274	2.371	2.403	2.382	2.310	2.182	1.981	1.689
3061	30.60	1.292	0.792	0.218	-0.371	-0.894	-1.274	-1.462	-1.457	-1.309	-1.105
3071	30.70	-0.932	-0.856	-0.896	-1.036	-1.234	-1.448	-1.643	-1.795	-1.875	-1.848
3081	30.80	-1.677	-1.340	-0.859	-0.305	0.211	0.574	0.713	0.630	0.405	0.161
3091	30.90	0.008	-0.009	0.079	0.184	0.217	0.146	0.027	-0.018	0.143	0.581
3101	31.00	1.263	2.051	2.752	3.197	3.304	3.105	2.719	2.290	1.924	1.656
3111	31.10	1.453	1.258	1.039	0.811	0.629	0.568	0.578	0.663	0.697	0.564
3121	31.20	0.195	-0.404	-1.166	-1.985	-2.788	-3.539	-4.247	-4.923	-5.540	-6.012
3131	31.30	-6.221	-6.073	-5.564	-4.810	-4.025	-3.437	-3.187	-3.249	-3.623	-3.812
3141	31.40	-2.942	-1.895	-0.381	1.291	2.716	3.551	3.643	3.082	2.158	1.235
3151	31.50	0.618	0.443	0.658	1.080	1.501	1.779	1.891	1.908	1.934	2.030
3161	31.60	2.176	2.283	2.252	2.039	1.690	1.325	1.080	1.029	1.129	1.229
3171	31.70	1.133	0.687	-0.132	-1.191	-2.234	-2.981	-3.229	-2.931	-2.210	-1.306
3181	31.80	-0.479	0.085	0.332	0.358	0.253	0.224	0.328	0.547	0.792	0.960
3191	31.90	0.986	0.881	0.725	0.610	0.609	0.707	0.808	0.767	0.451	-0.197
3201	32.00	-1.120	-2.160	-3.099	-3.734	-3.945	-3.725	-3.175	-2.451	-1.706	-1.033
3211	32.10	-0.444	0.106	0.681	1.309	1.956	2.538	2.951	3.127	3.065	2.837
3221	32.20	2.553	2.310	2.145	2.020	1.840	1.513	1.007	0.387	-0.193	-0.539
3231	32.30	-0.492	0.006	0.884	1.960	3.004	3.813	4.280	4.414	4.323	4.158
3241	32.40	4.046	4.042	4.114	4.160	4.053	3.694	3.052	2.180	1.200	0.275
3251	32.50	-0.442	-0.862	-0.890	-0.630	-0.166	0.358	0.804	1.062	1.078	0.852
3261	32.60	0.429	-0.118	-0.715	-1.297	-1.826	-2.294	-2.714	-3.122	-3.558	-4.062
3271	32.70	-4.651	-5.313	-5.999	-6.629	-7.113	-7.376	-7.385	-7.165	-6.788	-6.351
3281	32.80	-5.944	-5.616	-5.366	-5.137	-4.859	-4.462	-3.905	-3.182	-2.317	-1.353
3291	32.90	-0.337	0.679	1.635	2.461	3.090	3.470	3.588	3.489	3.268	3.048
3301	33.00	2.937	2.997	3.221	3.548	3.890	4.174	4.372	4.502	4.613	4.746
3311	33.10	4.915	5.091	5.223	5.263	5.188	5.015	4.786	4.545	4.318	4.099
3321	33.20	3.865	3.599	3.303	3.013	2.777	2.632	2.583	2.585	2.566	2.453
3331	33.30	2.206	1.860	1.420	1.029	0.730	0.529	0.365	0.121	-0.340	-1.126
3341	33.40	-2.286	-3.791	-5.541	-7.393	-9.193	-10.804	-12.120	-13.075	-13.636	-13.803
3351	33.50	-13.604	-13.099	-12.375	-11.541	-10.706	-9.950	-9.304	-8.730	-8.133	-7.392
3361	33.60	-6.409	-5.149	-3.671	-2.109	-0.637	0.592	1.498	2.096	2.485	2.797
3371	33.70	3.150	3.599	4.136	4.706	5.254	5.754	6.222	6.691	7.183	7.678
3381	33.80	8.111	8.398	8.479	8.348	8.059	7.698	7.338	7.000	6.644	6.201
3391	33.90	5.617	4.895	4.102	3.327	2.622	1.953	1.193	0.178	-1.189	-2.858
3401	34.00	-4.589	-6.008	-6.733	-6.522	-5.390	-3.623	-1.689	-0.080	0.864	1.057
3411	34.10	0.669	0.026	-0.538	-0.815	-0.789	-0.603	-0.466	-0.531	-0.823	-1.228
3421	34.20	-1.546	-1.582	-1.231	-0.513	0.440	1.443	2.320	2.958	3.331	3.486
3431	34.30	3.520	3.543	3.650	3.904	4.317	4.848	5.409	5.882	6.152	6.144
3441	34.40	5.858	5.373	4.828	4.382	4.157	4.201	4.480	4.900	5.350	5.744
3451	34.50	6.063	6.257	6.411	6.519	6.562	6.493	6.255	5.810	5.158	4.337
3461	34.60	3.602	2.804	1.873	0.319	-0.757	-1.843	-2.909	-3.916	-4.836	-5.671
3471	34.70	-6.457	-7.246	-8.070	-8.926	-9.748	-10.440	-10.910	-11.126	-11.134	-11.048
3481	34.80	-11.011	-11.124	-11.107	-11.087	-12.132	-12.318	-12.280	-12.047	-11.716	-11.400
3491	34.90	-11.157	-10.960	-10.704	-10.259	-9.547	-8.592	-7.519	-6.508	-5.700	-5.124

Table 7—46—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-4.663	-4.090	-3.154	-1.684	0.333	2.736	5.244	7.549	9.409	10.715
3511	35.10	11.491	11.853	11.946	11.888	11.767	11.545	11.288	10.985	10.651	10.295
3521	35.20	9.901	9.428	8.826	8.068	7.188	6.285	5.502	4.968	4.745	4.788
3531	35.30	4.957	5.066	4.959	4.569	3.943	3.209	2.510	1.932	1.462	0.996
3541	35.40	0.397	-0.427	-1.445	-2.587	-3.590	-4.280	-4.550	-4.431	-4.073	-3.686
3551	35.50	-3.452	-3.458	-3.667	-3.957	-4.177	-4.228	-4.092	-3.836	-3.567	-3.376
3561	35.60	-3.305	-3.344	-3.452	-3.604	-3.813	-4.122	-4.574	-5.167	-5.831	-6.435
3571	35.70	-6.837	-6.937	-6.722	-6.267	-5.693	-5.112	-4.568	-4.028	-3.414	-2.663
3581	35.80	-1.778	-0.847	-0.005	0.637	1.060	1.360	1.721	2.324	3.255	4.444
3591	35.90	5.681	6.686	7.234	7.241	6.803	6.151	5.545	5.174	5.082	5.174
3601	36.00	5.282	5.255	5.037	4.675	4.290	3.994	3.837	3.776	3.705	3.513
3611	36.10	3.144	2.620	2.028	1.468	1.007	0.669	0.344	0.024	-0.359	-0.806
3621	36.20	-1.282	-1.740	-2.158	-2.548	-2.951	-3.404	-3.916	-4.462	-4.996	-5.489
3631	36.30	-5.946	-6.414	-6.950	-7.584	-8.280	-8.936	-9.420	-9.629	-9.549	-9.273
3641	36.40	-8.971	-8.825	-8.943	-9.303	-9.751	-10.056	-9.997	-9.452	-8.446	-7.134
3651	36.50	-5.745	-4.688	-3.480	-2.706	-2.045	-1.317	-0.359	0.920	2.513	4.326
3661	36.60	6.212	8.020	9.627	10.972	12.054	12.926	13.672	14.383	15.123	15.913
3671	36.70	16.719	17.467	18.067	18.451	18.606	18.581	18.468	18.354	18.279	18.200
3681	36.80	18.000	17.532	16.686	15.447	13.912	12.261	10.683	9.293	8.077	6.900
3691	36.90	5.562	3.900	1.867	-0.432	-2.774	-4.908	-6.653	-7.964	-8.941	-9.766
3701	37.00	-10.615	-11.577	-12.631	-13.667	-14.564	-15.251	-15.743	-16.122	-16.479	-16.854
3711	37.10	-17.213	-17.462	-17.511	-17.327	-16.963	-16.528	-16.122	-15.767	-15.370	-14.759
3721	37.20	-13.758	-12.286	-10.422	-8.391	-6.491	-4.969	-3.928	-3.281	-2.800	-2.217
3731	37.30	-1.340	-0.132	1.290	2.714	3.932	4.824	5.391	5.730	5.975	6.229
3741	37.40	6.532	6.865	7.186	7.471	7.731	8.007	8.337	8.725	9.136	9.505
3751	37.50	9.770	9.903	9.917	9.855	9.757	9.636	9.472	9.227	8.870	8.408
3761	37.60	7.886	7.370	6.919	6.553	6.245	5.935	5.559	5.077	4.489	3.826
3771	37.70	3.128	2.422	1.704	0.950	0.129	-0.779	-1.769	-2.816	-3.892	-4.970
3781	37.80	-6.036	-7.072	-8.049	-8.917	-9.615	-10.088	-10.312	-10.317	-10.179	-10.006
3791	37.90	-9.900	-9.922	-10.074	-10.297	-10.489	-10.533	-10.329	-9.817	-8.987	-7.888
3801	38.00	-6.616	-5.293	-4.045	-2.965	-2.086	-1.373	-0.731	-0.049	0.749	1.667
3811	38.10	2.620	3.470	4.083	4.401	4.486	4.502	4.660	5.123	5.926	6.951
3821	38.20	7.955	8.673	8.917	8.653	8.006	7.205	6.474	5.946	5.616	5.366
3831	38.30	5.035	4.511	3.781	2.934	2.166	1.408	0.869	0.429	-0.022	-0.577
3841	38.40	-1.252	-1.977	-2.623	-3.067	-3.250	-3.204	-3.035	-2.866	-2.775	-2.776
3851	38.50	-2.809	-2.795	-2.685	-2.498	-2.316	-2.252	-2.393	-2.758	-3.284	-3.851
3861	38.60	-4.330	-4.627	-4.711	-4.609	-4.383	-4.093	-3.779	-3.454	-3.118	-2.777
3871	38.70	-2.448	-2.162	-1.945	-1.802	-1.715	-1.645	-1.569	-1.403	-1.210	-0.997
3881	38.80	-0.798	-0.640	-0.519	-0.407	-0.259	-0.035	0.295	0.719	1.215	1.753
3891	38.90	2.320	2.935	3.652	4.535	5.635	6.949	8.396	9.814	10.984	11.684
3901	39.00	11.752	11.137	9.926	8.326	6.611	5.051	3.836	3.039	2.614	2.434
3911	39.10	2.364	2.217	1.983	1.627	1.174	0.656	0.101	-0.469	-1.036	-1.570
3921	39.20	-2.040	-2.423	-2.727	-2.995	-3.294	-3.682	-4.176	-4.726	-5.223	-5.544
3931	39.30	-5.602	-5.390	-4.992	-4.546	-4.185	-3.967	-3.851	-3.707	-3.382	-2.776
3941	39.40	-1.901	-0.894	0.032	0.668	0.889	0.705	0.249	-0.279	-0.695	-0.895
3951	39.50	-0.887	-0.763	-0.651	-0.666	-0.775	-0.995	-1.222	-1.382	-1.447	-1.444
3961	39.60	-1.440	-1.502	-1.660	-1.888	-2.113	-2.265	-2.223	-2.041	-1.761	-1.491
3971	39.70	-1.347	-1.407	-1.686	-2.129	-2.634	-3.094	-3.435	-3.638	-3.730	-3.758
3981	39.80	-3.747	-3.675	-3.472	-3.052	-2.560	-1.912	-0.305	0.806	1.765	2.493
3991	39.90	3.011	3.441	3.954	4.686	5.676	6.841	8.007	8.983	9.643	9.975

Table 7—46—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	10.074	10.089	10.141	10.267	10.405	10.440	10.271	9.874	9.325	8.761
4011	40.10	8.308	8.007	7.783	7.469	6.882	5.907	4.565	3.005	1.454	0.128
4021	40.20	-0.848	-1.473	-1.849	-2.121	-2.411	-2.771	-3.187	-3.601	-3.966	-4.257
4031	40.30	-4.497	-4.721	-4.952	-5.193	-5.429	-5.646	-5.848	-6.071	-6.349	-6.697
4041	40.40	-7.085	-7.444	-7.689	-7.765	-7.671	-7.472	-7.260	-7.109	-7.032	-6.963
4051	40.50	-6.789	-6.401	-5.756	-4.898	-3.969	-3.139	-2.569	-2.256	-2.217	-2.317
4061	40.60	-2.419	-2.426	-2.310	-2.115	-1.922	-1.806	-1.794	-1.856	-1.915	-1.873
4071	40.70	-1.669	-1.200	-0.528	0.322	1.279	2.266	3.210	4.059	4.779	5.363
4081	40.80	5.823	6.178	6.448	6.637	6.739	6.733	6.602	6.361	5.970	5.529
4091	40.90	5.065	4.620	4.216	3.867	3.490	3.113	2.695	2.229	1.727	1.210
4101	41.00	0.698	0.205	-0.270	-0.737	-1.208	-1.693	-2.196	-2.706	-3.202	-3.668
4111	41.10	-4.001	-4.221	-4.282	-4.186	-3.966	-3.683	-3.402	-3.171	-3.001	-2.858
4121	41.20	-2.679	-2.393	-1.961	-1.382	-0.702	0.012	0.702	1.339	1.930	2.500
4131	41.30	3.065	3.602	4.053	4.330	4.344	4.130	3.668	3.078	2.479	1.970
4141	41.40	1.596	1.341	1.145	0.939	0.686	0.381	0.067	-0.212	-0.431	-0.602
4151	41.50	-0.777	-1.017	-1.367	-1.827	-2.347	-2.845	-3.231	-3.446	-3.469	-3.342
4161	41.60	-3.133	-2.919	-2.762	-2.686	-2.679	-2.701	-2.705	-2.653	-2.530	-2.346
4171	41.70	-2.127	-1.900	-1.683	-1.473	-1.251	-0.992	-0.676	-0.305	0.099	0.502
4181	41.80	0.865	1.166	1.400	1.581	1.727	1.855	1.968	2.064	2.136	2.191
4191	41.90	2.247	2.329	2.451	2.610	2.774	2.899	2.945	2.898	2.780	2.640
4201	42.00	2.531	2.483	2.486	2.495	2.453	2.324	2.112	1.867	1.664	1.564
4211	42.10	1.590	1.718	1.895	2.068	2.212	2.341	2.482	2.646	2.798	2.848
4221	42.20	2.686	2.228	1.468	0.496	-0.527	-1.424	-2.077	-2.472	-2.701	-2.913
4231	42.30	-3.245	-3.753	-4.388	-5.019	-5.495	-5.715	-5.669	-5.439	-5.153	-4.924
4241	42.40	-4.805	-4.775	-4.763	-4.692	-4.524	-4.272	-3.981	-3.698	-3.434	-3.157
4251	42.50	-2.807	-2.339	-1.750	-1.094	-0.463	0.053	0.406	0.613	0.747	0.903
4261	42.60	1.156	1.528	1.986	2.457	2.865	3.162	3.335	3.404	3.400	3.365
4271	42.70	3.242	3.080	2.852	2.569	2.260	1.969	1.733	1.569	1.466	1.392
4281	42.80	1.306	1.179	1.000	0.779	0.536	0.294	0.064	-0.151	-0.358	-0.563
4291	42.90	-0.767	-0.967	-1.148	-1.295	-1.384	-1.389	-1.284	-1.050	-0.688	-0.225
4301	43.00	0.283	0.760	1.129	1.360	1.388	1.322	1.229	1.201	1.305	1.551
4311	43.10	1.893	2.266	2.525	2.682	2.728	2.727	2.765	2.910	3.174	3.508
4321	43.20	3.817	4.002	4.002	3.817	3.504	3.143	2.791	2.444	2.039	1.477
4331	43.30	0.678	-0.371	-1.587	-2.809	-3.849	-4.552	-4.859	-4.817	-4.562	-4.264
4341	43.40	-4.065	-4.035	-4.165	-4.381	-4.590	-4.715	-4.712	-4.571	-4.298	-3.896
4351	43.50	-3.364	-2.704	-1.937	-1.118	-0.331	0.333	0.802	1.054	1.123	1.085
4361	43.60	1.033	1.043	1.152	1.353	1.610	1.880	2.139	2.386	2.466	2.953
4371	43.70	3.330	3.772	4.241	4.669	4.972	5.074	4.931	4.544	3.967	3.295
4381	43.80	2.637	2.082	1.674	1.395	1.179	0.942	0.617	0.189	-0.303	-0.781
4391	43.90	-1.173	-1.440	-1.598	-1.705	-1.826	-1.991	-2.178	-2.313	-2.316	-2.140
4401	44.00	-1.813	-1.437	-1.155	-1.097	-1.329	-1.825	-2.483	-3.165	-3.753	-4.180
4411	44.10	-4.445	-4.587	-4.653	-4.670	-4.638	-4.540	-4.367	-4.139	-3.899	-3.701
4421	44.20	-3.582	-3.547	-3.561	-3.573	-3.537	-3.434	-3.277	-3.102	-2.943	-2.820
4431	44.30	-2.727	-2.640	-2.527	-2.367	-2.147	-1.865	-1.518	-1.100	-0.609	-0.046
4441	44.40	0.571	1.212	1.841	2.435	2.986	3.505	4.009	4.505	4.979	5.393
4451	44.50	5.701	5.868	5.886	5.779	5.592	5.372	5.153	4.947	4.751	4.560
4461	44.60	4.380	4.227	4.123	4.082	4.096	4.139	4.173	4.166	4.088	3.940
4471	44.70	3.720	3.434	3.086	2.689	2.272	1.879	1.559	1.337	1.192	1.066
4481	44.80	0.775	0.262	-0.550	-1.615	-2.778	-3.822	-4.539	-4.812	-4.661	-4.236
4491	44.90	-3.752	-3.405	-3.296	-3.406	-3.619	-3.794	-3.834	-3.731	-3.559	-3.423

Table 7—46—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-3.393	-3.467	-3.560	-3.554	-3.355	-2.945	-2.393	-1.826	-1.369	-1.086
4511	45.10	-0.957	-0.894	-0.782	-0.538	-0.140	0.367	0.905	1.403	1.828	2.190
4521	45.20	2.517	2.826	3.100	3.288	3.330	3.188	2.875	2.455	2.018	1.650
4531	45.30	1.393	1.243	1.160	1.098	1.034	0.977	0.958	1.008	1.125	1.274
4541	45.40	1.397	1.438	1.378	1.236	1.061	0.897	0.748	0.570	0.278	-0.209
4551	45.50	-0.921	-1.609	-2.747	-3.571	-4.138	-4.380	-4.323	-4.073	-3.768	-3.516
4561	45.60	-3.363	-3.279	-3.190	-3.024	-2.748	-2.391	-2.019	-1.706	-1.497	-1.388
4571	45.70	-1.331	-1.269	-1.158	-0.995	-0.805	-0.623	-0.467	-0.321	-0.145	0.104
4581	45.80	0.446	0.860	1.294	1.687	2.006	2.260	2.500	2.787	3.157	3.598
4591	45.90	4.039	4.384	4.549	4.500	4.272	3.953	3.643	3.417	3.291	3.223
4601	46.00	3.139	2.971	2.689	2.316	1.915	1.558	1.297	1.139	1.051	0.978
4611	46.10	0.866	0.684	0.438	0.157	-0.118	-0.355	-0.540	-0.680	-0.804	-0.944
4621	46.20	-1.135	-1.390	-1.716	-2.092	-2.480	-2.834	-3.111	-3.288	-3.370	-3.394
4631	46.30	-3.417	-3.491	-3.648	-3.875	-4.118	-4.298	-4.360	-4.198	-3.879	-3.436
4641	46.40	-2.942	-2.476	-2.080	-1.755	-1.465	-1.160	-0.800	-0.374	0.096	0.568
4651	46.50	0.995	1.365	1.609	1.797	1.929	2.022	2.081	2.104	2.083	2.014
4661	46.60	1.903	1.767	1.624	1.490	1.378	1.290	1.226	1.187	1.172	1.179
4671	46.70	1.203	1.233	1.256	1.259	1.238	1.200	1.161	1.137	1.140	1.166
4681	46.80	1.197	1.204	1.165	1.070	0.930	0.775	0.667	0.583	0.603	0.705
4691	46.90	0.864	1.042	1.199	1.305	1.350	1.338	1.287	1.220	1.152	1.084
4701	47.00	1.006	0.899	0.744	0.536	0.283	0.011	-0.249	-0.473	-0.658	-0.826
4711	47.10	-1.019	-1.283	-1.661	-2.081	-2.550	-2.968	-3.253	-3.354	-3.269	-3.049
4721	47.20	-2.778	-2.540	-2.389	-2.328	-2.317	-2.288	-2.181	-1.967	-1.659	-1.301
4731	47.30	-0.948	-0.636	-0.375	-0.148	0.075	0.317	0.578	0.842	1.083	1.291
4741	47.40	1.480	1.690	1.973	2.368	2.881	3.472	4.060	4.548	4.864	4.888
4751	47.50	4.668	4.212	3.584	2.858	2.102	1.369	0.690	0.078	-0.444	-0.939
4761	47.60	-1.352	-1.712	-2.029	-2.321	-2.609	-2.909	-3.230	-3.563	-3.882	-4.154
4771	47.70	-4.349	-4.459	-4.505	-4.536	-4.615	-4.786	-5.056	-5.370	-5.629	-5.711
4781	47.80	-5.520	-5.020	-4.263	-3.375	-2.515	-1.825	-1.374	-1.135	-0.996	-0.798
4791	47.90	-0.402	0.263	1.170	2.201	3.191	3.985	4.487	4.688	4.664	4.534
4801	48.00	4.420	4.399	4.482	4.622	4.740	4.767	4.671	4.473	4.236	4.030
4811	48.10	3.905	3.861	3.852	3.800	3.632	3.329	2.901	2.421	1.982	1.656
4821	48.20	1.468	1.385	1.330	1.213	0.963	0.563	0.041	-0.531	-1.075	-1.525
4831	48.30	-1.846	-2.038	-2.119	-2.117	-2.060	-1.969	-1.862	-1.755	-1.664	-1.599
4841	48.40	-1.563	-1.553	-1.563	-1.593	-1.650	-1.747	-1.892	-2.079	-2.278	-2.447
4851	48.50	-2.543	-2.546	-2.472	-2.367	-2.293	-2.294	-2.377	-2.503	-2.602	-2.604
4861	48.60	-2.471	-2.210	-1.870	-1.507	-1.165	-0.850	-0.539	-0.207	0.148	0.485
4871	48.70	0.732	0.819	0.722	0.489	0.234	0.102	0.209	0.593	1.192	1.875
4881	48.80	2.486	2.915	3.136	3.213	3.258	3.380	3.631	3.982	4.343	4.597
4891	48.90	4.654	4.479	4.100	3.582	3.000	2.411	1.845	1.313	0.828	0.413
4901	49.00	0.101	-0.075	-0.105	-0.008	0.172	0.378	0.569	0.728	0.866	1.003
4911	49.10	1.160	1.332	1.492	1.598	1.614	1.518	1.309	0.996	0.580	0.065
4921	49.20	-0.559	-1.285	-2.080	-2.874	-3.575	-4.090	-4.363	-4.396	-4.252	-4.033
4931	49.30	-3.843	-3.748	-3.762	-3.848	-3.950	-4.027	-4.078	-4.141	-4.273	-4.506
4941	49.40	-4.831	-5.180	-5.455	-5.566	-5.466	-5.177	-4.774	-4.383	-4.018	-3.769
4951	49.50	-3.580	-3.376	-3.066	-2.604	-1.986	-1.257	-0.487	0.266	0.962	1.613
4961	49.60	2.246	2.893	3.572	4.269	4.949	5.565	6.072	6.459	6.657	6.732
4971	49.70	6.686	6.567	6.353	6.138	5.938	5.773	5.649	5.552	5.459	5.365
4981	49.80	5.193	5.003	4.791	4.574	4.367	4.172	3.983	3.792	3.599	3.414
4991	49.90	3.249	3.107	2.968	2.786	2.506	2.087	1.522	0.851	0.149	-0.501

Table 7—46—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-1.044	-1.476	-1.849	-2.244	-2.732	-3.340	-4.038	-4.746	-5.372	-5.847
5011	50.10	-6.152	-6.321	-6.416	-6.493	-6.591	-6.699	-6.794	-6.849	-6.857	-6.835
5021	50.20	-6.807	-6.788	-6.761	-6.684	-6.507	-6.193	-5.747	-5.215	-4.663	-4.156
5031	50.30	-3.726	-3.361	-3.020	-2.656	-2.243	-1.788	-1.324	-0.885	-0.490	-0.127
5041	50.40	0.239	0.638	1.079	1.530	1.937	2.245	2.435	2.537	2.629	2.803
5051	50.50	3.129	3.621	4.229	4.857	5.402	5.797	6.033	6.156	6.237	6.350
5061	50.60	6.519	6.720	6.893	6.968	6.907	6.721	6.469	6.231	6.076	6.019
5071	50.70	6.010	5.942	5.689	5.150	4.299	3.197	1.984	0.829	-0.127	-0.825
5081	50.80	-1.304	-1.686	-2.121	-2.717	-3.494	-4.369	-5.189	-5.799	-6.106	-6.129
5091	50.90	-5.982	-5.853	-5.818	-5.988	-6.277	-6.536	-6.595	-6.338	-5.750	-4.915
5101	51.00	-3.980	-3.085	-2.315	-1.679	-1.128	-0.598	-0.051	0.510	1.051	1.540
5111	51.10	1.972	2.377	2.796	3.253	3.722	4.133	4.399	4.465	4.364	4.122
5121	51.20	3.925	3.859	3.958	4.156	4.312	4.269	3.923	3.273	2.428	1.560
5131	51.30	0.844	0.396	0.235	0.295	0.458	0.602	0.636	0.516	0.236	-0.183
5141	51.40	-0.708	-1.295	-1.886	-2.416	-2.825	-3.075	-3.171	-3.165	-3.136	-3.155
5151	51.50	-3.257	-3.418	-3.566	-3.618	-3.519	-3.277	-2.961	-2.672	-2.500	-2.483
5161	51.60	-2.587	-2.728	-2.809	-2.766	-2.590	-2.333	-2.072	-1.872	-1.760	-1.711
5171	51.70	-1.670	-1.578	-1.406	-1.162	-0.887	-0.634	-0.438	-0.310	-0.231	-0.173
5181	51.80	-0.113	-0.043	0.027	0.079	0.103	0.106	0.106	0.128	0.187	0.285
5191	51.90	0.401	0.512	0.595	0.643	0.667	0.690	0.735	0.818	0.937	1.078
5201	52.00	1.225	1.368	1.508	1.658	1.831	2.032	2.246	2.447	2.599	2.678
5211	52.10	2.677	2.614	2.522	2.433	2.367	2.317	2.258	2.158	1.993	1.757
5221	52.20	1.468	1.152	0.837	0.533	0.238	-0.059	-0.362	-0.664	-0.945	-1.181
5231	52.30	-1.357	-1.476	-1.559	-1.629	-1.694	-1.740	-1.736	-1.645	-1.449	-1.161
5241	52.40	-0.825	-0.495	-0.209	0.025	0.235	0.462	0.734	1.047	1.362	1.628
5251	52.50	1.822	1.966	2.125	2.390	2.814	3.378	3.981	4.470	4.700	4.599
5261	52.60	4.200	3.635	3.075	2.658	2.434	2.343	2.259	2.051	1.652	1.092
5271	52.70	0.481	-0.043	-0.382	-0.522	-0.535	-0.540	-0.646	-0.903	-1.281	-1.696
5281	52.80	-2.053	-2.293	-2.411	-2.450	-2.471	-2.511	-2.568	-2.602	-2.563	-2.419
5291	52.90	-2.182	-1.896	-1.626	-1.423	-1.305	-1.258	-1.243	-1.224	-1.181	-1.119
5301	53.00	-1.056	-1.010	-0.988	-0.977	-0.957	-0.912	-0.840	-0.754	-0.676	-0.622
5311	53.10	-0.597	-0.587	-0.572	-0.536	-0.474	-0.397	-0.324	-0.272	-0.247	-0.236
5321	53.20	-0.218	-0.173	-0.088	0.027	0.156	0.268	0.355	0.414	0.463	0.522
5331	53.30	0.606	0.714	0.828	0.920	0.967	0.964	0.929	0.896	0.901	0.962
5341	53.40	1.067	1.176	1.232	1.183	1.006	0.712	0.347	-0.027	-0.357	-0.615
5351	53.50	-0.804	-0.950	-1.084	-1.225	-1.375	-1.521	-1.647	-1.749	-1.841	-1.945
5361	53.60	-2.085	-2.265	-2.465	-2.647	-2.770	-2.810	-2.773	-2.695	-2.627	-2.611
5371	53.70	-2.665	-2.768	-2.874	-2.930	-2.895	-2.757	-2.539	-2.282	-2.033	-1.826
5381	53.80	-1.669	-1.552	-1.449	-1.332	-1.182	-0.991	-0.766	-0.519	-0.268	-0.027
5391	53.90	0.194	0.391	0.566	0.729	0.890	1.061	1.244	1.435	1.622	1.786
5401	54.00	1.913	1.996	2.041	2.063	2.083	2.115	2.169	2.243	2.327	2.413
5411	54.10	2.492	2.566	2.638	2.711	2.784	2.854	2.913	2.957	2.987	3.011
5421	54.20	3.039	3.078	3.125	3.168	3.188	3.169	3.105	3.004	2.890	2.791
5431	54.30	2.725	2.696	2.682	2.650	2.567	2.416	2.208	1.978	1.772	1.625
5441	54.40	1.546	1.502	1.434	1.275	0.980	0.543	0.011	-0.542	-1.035	-1.417
5451	54.50	-1.685	-1.880	-2.072	-2.321	-2.651	-3.035	-3.402	-3.664	-3.751	-3.636
5461	54.60	-3.367	-2.951	-2.536	-2.176	-1.912	-1.746	-1.647	-1.572	-1.484	-1.366
5471	54.70	-1.221	-1.071	-0.937	-0.834	-0.755	-0.678	-0.569	-0.396	-0.143	0.182
5481	54.80	0.546	0.898	1.187	1.378	1.463	1.464	1.423	1.381	1.365	1.373
5491	54.90	1.383	1.362	1.290	1.166	1.016	0.872	0.761	0.688	0.625	0.540

Table 7—46—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	0.396	0.182	-0.087	-0.371	-0.633	-0.850	-1.025	-1.182	-1.352	-1.551
5511	55.10	-1.772	-1.995	-2.194	-2.362	-2.516	-2.687	-2.903	-3.166	-3.441	-3.667
5521	55.20	-3.778	-3.737	-3.552	-3.281	-3.005	-2.799	-2.697	-2.684	-2.702	-2.678
5531	55.30	-2.555	-2.315	-1.981	-1.602	-1.230	-0.901	-0.623	-0.381	-0.154	0.076
5541	55.40	0.312	0.542	0.749	0.921	1.055	1.163	1.262	1.373	1.511	1.679
5551	55.50	1.872	2.076	2.273	2.446	2.588	2.703	2.807	2.931	3.069	3.265
5561	55.60	3.510	3.795	4.103	4.422	4.742	5.057	5.358	5.622	5.818	5.906
5571	55.70	5.857	5.665	5.350	4.954	4.520	4.071	3.599	3.069	2.437	1.682
5581	55.80	0.821	-0.089	-0.969	-1.756	-2.421	-2.986	-3.501	-4.019	-4.560	-5.103
5591	55.90	-5.592	-5.975	-6.218	-6.366	-6.412	-6.473	-6.560	-6.649	-6.680	-6.583
5601	56.00	-6.320	-5.912	-5.437	-4.992	-4.654	-4.439	-4.295	-4.129	-3.851	-3.419
5611	56.10	-2.859	-2.247	-1.675	-1.206	-0.845	-0.544	-0.230	0.157	0.637	1.180
5621	56.20	1.727	2.222	2.640	2.995	3.330	3.695	4.117	4.588	5.066	5.491
5631	56.30	5.804	5.972	5.996	5.914	5.787	5.691	5.690	5.817	6.059	6.351
5641	56.40	6.596	6.680	6.532	6.139	5.562	4.921	4.348	3.939	3.713	3.611
5651	56.50	3.524	3.353	3.050	2.668	2.236	1.909	1.711	1.605	1.476	1.190
5661	56.60	0.651	-0.139	-1.078	-1.999	-2.737	-3.200	-3.394	-3.615	-3.394	-3.440
5671	56.70	-3.599	-3.850	-4.140	-4.428	-4.710	-5.020	-5.398	-5.850	-6.327	-6.735
5681	56.80	-6.978	-7.007	-6.856	-6.608	-6.411	-6.351	-6.442	-6.612	-6.755	-6.690
5691	56.90	-6.433	-6.000	-5.696	-5.038	-4.698	-4.467	-4.267	-3.998	-3.588	-3.034
5701	57.00	-2.398	-1.771	-1.222	-0.759	-0.330	0.150	0.742	1.446	2.191	2.863
5711	57.10	3.358	3.631	3.715	3.703	3.703	3.789	3.970	4.194	4.384	4.480
5721	57.20	4.469	4.388	4.294	4.235	4.219	4.208	4.151	4.007	3.775	3.494
5731	57.30	3.222	3.002	2.836	2.683	2.483	2.189	1.803	1.375	0.990	0.723
5741	57.40	0.607	0.616	0.680	0.720	0.685	0.575	0.433	0.319	0.277	0.306
5751	57.50	0.372	0.425	0.439	0.428	0.447	0.562	0.813	1.185	1.608	1.984
5761	57.60	2.227	2.300	2.234	2.106	2.003	1.980	2.039	2.130	2.183	2.149
5771	57.70	2.019	1.831	1.644	1.509	1.434	1.387	1.312	1.157	0.908	0.589
5781	57.80	0.256	-0.036	-0.261	-0.432	-0.591	-0.789	-1.055	-1.386	-1.750	-2.108
5791	57.90	-2.432	-2.722	-2.997	-3.280	-3.579	-3.876	-4.134	-4.321	-4.424	-4.464
5801	58.00	-4.486	-4.333	-4.226	-4.248	-4.854	-4.898	-4.855	-4.745	-4.629	-4.576
5811	58.10	-4.635	-4.806	-5.032	-5.229	-5.317	-5.258	-5.074	-4.834	-4.620	-4.487
5821	58.20	-4.439	-4.421	-4.345	-4.128	-3.724	-3.184	-2.448	-1.721	-1.044	-0.465
5831	58.30	0.005	0.389	0.726	1.050	1.383	1.730	2.081	2.422	2.740	3.026
5841	58.40	3.274	3.489	3.677	3.851	4.026	4.217	4.430	4.666	4.914	5.158
5851	58.50	5.382	5.576	5.729	5.843	5.913	5.931	5.886	5.766	5.560	5.278
5861	58.60	4.938	4.565	4.191	3.839	3.522	3.262	2.991	2.760	2.536	2.310
5871	58.70	2.076	1.830	1.570	1.301	1.026	0.754	0.485	0.216	-0.066	-0.376
5881	58.80	-0.726	-1.114	-1.518	-1.904	-2.234	-2.481	-2.660	-2.732	-2.791	-2.850
5891	58.90	-2.921	-2.987	-3.008	-2.938	-2.741	-2.415	-1.990	-1.522	-1.068	-0.669
5901	59.00	-0.343	-0.079	0.144	0.344	0.525	0.676	0.782	0.837	0.851	0.852
5911	59.10	0.875	0.939	1.046	1.159	1.240	1.266	1.254	0.990	0.800	0.650
5921	59.20	0.593	0.648	0.797	0.983	1.137	1.199	1.160	0.967	0.718	0.442
5931	59.30	0.179	-0.048	-0.239	-0.408	-0.570	-0.729	-0.881	-1.038	-1.136	-1.245
5941	59.40	-1.366	-1.516	-1.711	-1.935	-2.149	-2.300	-2.343	-2.253	-2.066	-1.767
5951	59.50	-1.479	-1.240	-1.077	-0.984	-0.926	-0.853	-0.724	-0.516	-0.235	0.097
5961	59.60	0.451	0.796	1.113	1.381	1.584	1.704	1.729	1.658	1.512	1.330
5971	59.70	1.165	1.060	1.037	1.082	1.153	1.193	1.152	1.011	0.786	0.521
5981	59.80	0.269	0.070	-0.067	-0.159	-0.244	-0.358	-0.517	-0.710	-0.908	-1.079
5991	59.90	-1.203	-1.283	-1.345	-1.425	-1.548	-1.717	-1.911	-2.092	-2.223	-2.285

Table 7—46—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-2.286	-2.249	-2.216	-2.210	-2.238	-2.283	-2.322	-2.334	-2.322	-2.307
6011	60.10	-2.322	-2.390	-2.504	-2.620	-2.668	-2.574	-2.293	-1.827	-1.233	-0.606
6021	60.20	-0.045	0.378	0.644	0.781	0.862	0.968	1.082	1.270	1.483	1.677
6031	60.30	1.823	1.916	1.980	2.053	2.165	2.322	2.499	2.655	2.747	2.755
6041	60.40	2.690	2.592	2.514	2.497	2.559	2.680	2.815	2.909	2.916	2.805
6051	60.50	2.585	2.281	1.934	1.584	1.264	0.989	0.758	0.559	0.371	0.174
6061	60.60	-0.044	-0.284	-0.532	-0.768	-0.964	-1.104	-1.186	-1.230	-1.273	-1.355
6071	60.70	-1.504	-1.722	-1.977	-2.212	-2.360	-2.370	-2.226	-1.956	-1.620	-1.290
6081	60.80	-1.024	-0.843	-0.726	-0.629	-0.504	-0.327	-0.115	0.082	0.201	0.194
6091	60.90	0.056	-0.177	-0.434	-0.646	-0.769	-0.803	-0.786	-0.774	-0.814	-0.918
6101	61.00	-1.063	-1.206	-1.306	-1.352	-1.360	-1.372	-1.426	-1.534	-1.679	-1.819
6111	61.10	-1.913	-1.945	-1.936	-1.934	-1.991	-2.129	-2.325	-2.514	-2.612	-2.552
6121	61.20	-2.312	-1.925	-1.469	-1.027	-0.661	-0.388	-0.180	0.012	0.233	0.500
6131	61.30	0.755	1.076	1.306	1.462	1.554	1.615	1.680	1.775	1.900	2.038
6141	61.40	2.163	2.258	2.325	2.380	2.447	2.537	2.647	2.752	2.820	2.825
6151	61.50	2.762	2.649	2.519	2.407	2.336	2.305	2.292	2.266	2.199	2.082
6161	61.60	1.927	1.758	1.607	1.493	1.423	1.388	1.374	1.370	1.377	1.405
6171	61.70	1.461	1.548	1.647	1.730	1.764	1.730	1.637	1.518	1.419	1.380
6181	61.80	1.406	1.462	1.474	1.360	1.061	0.568	-0.068	-0.745	-1.349	-1.786
6191	61.90	-2.018	-2.067	-2.004	-1.915	-1.871	-1.905	-2.007	-2.163	-2.274	-2.380
6201	62.00	-2.465	-2.551	-2.660	-2.795	-2.937	-3.043	-3.073	-3.001	-2.829	-2.592
6211	62.10	-2.338	-2.113	-1.940	-1.815	-1.708	-1.582	-1.469	-1.184	-0.927	-0.673
6221	62.20	-0.456	-0.291	-0.170	-0.059	0.083	0.294	0.590	0.962	1.379	1.799
6231	62.30	2.185	2.510	2.766	2.955	3.086	3.169	3.216	3.239	3.253	3.276
6241	62.40	3.325	3.406	3.510	3.619	3.684	3.687	3.600	3.420	3.160	2.845
6251	62.50	2.699	2.139	1.776	1.417	1.068	0.740	0.437	0.160	-0.106	-0.384
6261	62.60	-0.699	-1.066	-1.476	-1.905	-2.316	-2.686	-3.014	-3.329	-3.672	-4.074
6271	62.70	-4.536	-5.016	-5.446	-5.757	-5.912	-5.922	-5.845	-5.751	-5.694	-5.676
6281	62.80	-5.653	-5.553	-5.317	-4.932	-4.443	-3.934	-3.487	-3.143	-2.883	-2.635
6291	62.90	-2.312	-1.855	-1.260	-0.578	0.112	0.744	1.293	1.784	2.265	2.772
6301	63.00	3.295	3.778	4.133	4.286	4.212	3.953	3.602	3.267	3.024	2.892
6311	63.10	2.837	2.793	2.704	2.547	2.343	2.134	1.958	1.821	1.693	1.524
6321	63.20	1.270	0.925	0.527	0.169	-0.135	-0.277	-0.277	-0.182	-0.064	0.009
6331	63.30	0.001	-0.083	-0.203	-0.308	-0.354	-0.323	-0.224	-0.085	0.061	0.192
6341	63.40	0.302	0.398	0.492	0.588	0.684	0.766	0.816	0.825	0.793	0.735
6351	63.50	0.672	0.625	0.605	0.611	0.629	0.644	0.643	0.625	0.599	0.578
6361	63.60	0.572	0.582	0.597	0.605	0.594	0.563	0.525	0.499	0.502	0.540
6371	63.70	0.603	0.675	0.738	0.788	0.833	0.889	0.971	1.075	1.169	1.217
6381	63.80	1.176	1.025	0.776	0.469	0.158	-0.118	-0.368	-0.565	-0.824	-1.181
6391	63.90	-1.662	-2.245	-2.862	-3.421	-3.837	-4.062	-4.103	-4.017	-3.889	-3.796
6401	64.00	-3.796	-3.887	-4.031	-4.164	-4.220	-4.158	-3.973	-3.700	-3.400	-3.137
6411	64.10	-2.956	-2.866	-2.859	-2.817	-2.738	-2.557	-2.265	-1.887	-1.478	-1.094
6421	64.20	-0.773	-0.522	-0.317	-0.114	0.128	0.439	0.828	1.291	1.819	2.406
6431	64.30	3.036	3.693	4.333	4.899	5.330	5.592	5.698	5.714	5.744	5.889
6441	64.40	6.198	6.639	7.102	7.434	7.500	7.242	6.702	6.010	5.329	4.792
6451	64.50	4.449	4.253	4.089	3.836	3.416	2.832	2.157	1.491	0.916	0.444
6461	64.60	0.042	-0.367	-0.838	-1.380	-1.938	-2.421	-2.747	-2.886	-2.877	-2.820
6471	64.70	-2.828	-2.982	-3.292	-3.697	-4.085	-4.343	-4.401	-4.254	-3.960	-3.609
6481	64.80	-3.290	-3.055	-2.912	-2.832	-2.767	-2.680	-2.554	-2.394	-2.216	-2.035
6491	64.90	-1.854	-1.670	-1.479	-1.287	-1.116	-0.996	-0.953	-0.996	-1.104	-1.238

Table 7—46—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -64.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.348	-1.399	-1.388	-1.343	-1.316	-1.357	-1.490	-1.701	-1.937	-2.127
6511	65.10	-2.210	-2.154	-1.971	-1.710	-1.432	-1.190	-1.008	-0.880	-0.776	-0.659
6521	65.20	-0.501	-0.285	-0.006	0.334	0.736	1.190	1.679	2.166	2.595	2.909
6531	65.30	3.068	3.064	2.933	2.745	2.572	2.464	2.429	2.434	2.424	2.351
6541	65.40	2.207	2.019	1.841	1.722	1.676	1.670	1.641	1.524	1.285	0.941
6551	65.50	0.552	0.190	-0.093	-0.294	-0.459	-0.652	-0.922	-1.266	-1.627	-1.910
6561	65.60	-2.025	-1.928	-1.639	-1.239	-0.829	-0.498	-0.283	-0.168	-0.101	-0.025
6571	65.70	0.093	0.256	0.429	0.587	0.711	0.805	0.892	0.991	1.104	1.210
6581	65.80	1.276	1.276	1.209	1.101	0.996	0.937	0.942	0.999	1.070	1.111
6591	65.90	1.096	1.024	0.920	0.822	0.757	0.732	0.731	0.729	0.702	0.640
6601	66.00	0.551	0.450	0.351	0.259	0.165	0.063	-0.050	-0.167	-0.274	-0.359
6611	66.10	-0.422	-0.476	-0.545	-0.645	-0.775	-0.915	-1.031	-1.093	-1.088	-1.030
6621	66.20	-0.955	-0.899	-0.885	-0.911	-0.952	-0.977	-0.967	-0.926	-0.881	-0.867
6631	66.30	-0.909	-1.008	-1.138	-1.265	-1.359	-1.418	-1.462	-1.522	-1.621	-1.756
6641	66.40	-1.893	-1.981	-1.975	-1.858	-1.653	-1.407	-1.176	-0.999	-0.880	-0.791
6651	66.50	-0.691	-0.541	-0.326	-0.050	0.258	0.574	0.884	1.182	1.469	1.735
6661	66.60	1.964	2.130	2.218	2.231	2.198	2.166	2.176	2.246	2.358	2.462
6671	66.70	2.500	2.428	2.241	1.972	1.681	1.426	1.242	1.128	1.053	0.978
6681	66.80	0.872	0.729	0.568	0.417	0.295	0.206	0.134	0.054	-0.051	-0.185
6691	66.90	-0.336	-0.473	-0.583	-0.658	-0.704	-0.739	-0.781	-0.840	-0.915	-0.999
6701	67.00	-1.084	-1.165	-1.242	-1.316	-1.386	-1.448	-1.499	-1.537	-1.571	-1.613
6711	67.10	-1.674	-1.740	-1.860	-1.969	-1.999	-1.984	-1.893	-1.734	-1.531	-1.312
6721	67.20	-1.102	-0.916	-0.747	-0.595	-0.468	-0.301	-0.156	-0.013	0.124	0.257
6731	67.30	0.386	0.515	0.645	0.775	0.905	1.040	1.183	1.340	1.505	1.666
6741	67.40	1.803	1.892	1.920	1.890	1.822	1.745	1.691	1.675	1.694	1.732
6751	67.50	1.765	1.777	1.770	1.756	1.752	1.769	1.798	1.821	1.810	1.749
6761	67.60	1.638	1.496	1.352	1.232	1.145	1.084	1.029	0.963	0.879	0.785
6771	67.70	0.695	0.622	0.562	0.495	0.395	0.241	0.032	-0.213	-0.461	-0.684
6781	67.80	-0.880	-1.075	-1.317	-1.653	-2.106	-2.652	-3.225	-3.755	-4.096	-4.261
6791	67.90	-4.238	-4.085	-3.887	-3.723	-3.641	-3.637	-3.666	-3.664	-3.572	-3.368
6801	68.00	-3.066	-2.717	-2.384	-2.118	-1.961	-1.835	-1.752	-1.631	-1.423	-1.105
6811	68.10	-0.691	-0.227	0.225	0.611	0.900	1.095	1.230	1.350	1.495	1.677
6821	68.20	1.675	2.032	2.086	2.021	1.799	1.466	1.087	0.758	0.479	0.331
6831	68.30	0.279	0.278	0.277	0.239	0.157	0.046	-0.067	-0.156	-0.218	-0.263
6841	68.40	-0.317	-0.396	-0.505	-0.629	-0.743	-0.826	-0.875	-0.907	-0.951	-1.033
6851	68.50	-1.163	-1.321	-1.467	-1.552	-1.538	-1.411	-1.192	-0.922	-0.649	-0.413
6861	68.60	-0.230	-0.095	0.012	0.116	0.235	0.377	0.536	0.703	0.866	1.019
6871	68.70	1.161	1.295	1.427	1.560	1.699	1.846	1.999	2.158	2.317	2.476
6881	68.80	2.633	2.793	2.966	3.161	3.382	3.624	3.864	4.074	4.220	4.284
6891	68.90	4.265	4.182	4.068	3.952	3.868	3.744	3.605	3.392	3.074	2.651
6901	69.00	2.154	1.639	1.168	0.791	0.528	0.355	0.240	0.135	0.007	-0.156
6911	69.10	-0.361	-0.526	-0.691	-0.833	-0.967	-1.118	-1.310	-1.567	-1.808	-2.050
6921	69.20	-2.220	-2.276	-2.201	-2.012	-1.751	-1.478	-1.244	-1.078	-0.980	-0.925
6931	69.30	-0.877	-0.805	-0.695	-0.558	-0.417	-0.303	-0.234	-0.209	-0.209	-0.204
6941	69.40	-0.168	-0.086	0.034	0.168	0.279	0.338	0.326	0.242	0.104	-0.062
6951	69.50	-0.226	-0.368	-0.478	-0.559	-0.624	-0.686	-0.760	-0.850	-0.931	-1.052
6961	69.60	-1.138	-1.196	-1.225	-1.225	-1.215	-1.213	-1.233	-1.281	-1.351	-1.427
6971	69.70	-1.490	-1.522	-1.517	-1.477	-1.413	-1.340	-1.270	-1.210	-1.163	-1.125
6981	69.80	-1.094	-1.064	-1.035	-1.003	-0.967	-0.928	-0.885	-0.841	-0.801	-0.767
6991	69.90	-0.738	-0.709	-0.673	-0.625	-0.554	-0.472	-0.386	-0.308	-0.245	-0.199

Table 7—46—15

TABLE OF CORRECTED ACCELERATION RECORD

NO.15

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-0.160	-0.117	-0.059	0.017	0.102	0.182	0.243	0.277	0.287	0.286
7011	70.10	0.289	0.308	0.344	0.384	0.412	0.411	0.372	0.297	0.199	0.097
7021	70.20	0.006	-0.060	-0.101	-0.126	-0.145	-0.187	-0.272	-0.417	-0.628	-0.894
7031	70.30	-1.190	-1.477	-1.717	-1.885	-1.979	-2.021	-2.056	-2.130	-2.274	-2.488
7041	70.40	-2.737	-2.955	-3.070	-3.021	-2.778	-2.358	-1.812	-1.216	-0.648	-0.171
7051	70.50	0.185	0.421	0.564	0.656	0.736	0.832	0.953	1.092	1.235	1.368
7061	70.60	1.487	1.558	1.716	1.851	2.007	2.173	2.331	2.462	2.557	2.625
7071	70.70	2.684	2.759	2.862	2.987	3.105	3.177	3.167	3.063	2.877	2.648
7081	70.80	2.420	2.250	2.093	1.997	1.914	1.813	1.671	1.479	1.247	0.986
7091	70.90	0.712	0.438	0.174	-0.069	-0.277	-0.442	-0.565	-0.660	-0.754	-0.873
7101	71.00	-1.031	-1.221	-1.412	-1.568	-1.660	-1.686	-1.675	-1.671	-1.714	-1.811
7111	71.10	-1.928	-2.002	-1.963	-1.769	-1.426	-0.989	-0.538	-0.148	0.147	0.359
7121	71.20	0.534	0.729	0.976	1.268	1.565	1.816	1.989	2.088	2.169	2.223
7131	71.30	2.345	2.516	2.696	2.829	2.862	2.780	2.607	2.401	2.225	2.121
7141	71.40	2.098	2.129	2.167	2.173	2.125	2.029	1.903	1.771	1.644	1.521
7151	71.50	1.393	1.253	1.104	0.956	0.824	0.713	0.617	0.515	0.386	0.219
7161	71.60	0.017	-0.199	-0.402	-0.574	-0.711	-0.829	-0.951	-1.099	-1.279	-1.479
7171	71.70	-1.676	-1.846	-1.982	-2.094	-2.210	-2.357	-2.548	-2.773	-2.996	-3.172
7181	71.80	-3.263	-3.256	-3.161	-3.024	-2.893	-2.809	-2.787	-2.812	-2.851	-2.861
7191	71.90	-2.811	-2.691	-2.512	-2.301	-2.090	-1.903	-1.750	-1.627	-1.521	-1.416
7201	72.00	-1.299	-1.165	-1.015	-0.859	-0.705	-0.564	-0.441	-0.333	-0.235	-0.137
7211	72.10	-0.029	0.095	0.230	0.370	0.501	0.614	0.710	0.798	0.897	1.022
7221	72.20	1.178	1.353	1.517	1.635	1.673	1.619	1.483	1.297	1.104	0.939
7231	72.30	0.824	0.754	0.712	0.673	0.617	0.539	0.444	0.345	0.253	0.173
7241	72.40	0.103	0.034	-0.039	-0.118	-0.201	-0.282	-0.355	-0.420	-0.475	-0.524
7251	72.50	-0.570	-0.613	-0.655	-0.699	-0.750	-0.809	-0.879	-0.957	-1.042	-1.139
7261	72.60	-1.257	-1.407	-1.602	-1.837	-2.089	-2.310	-2.443	-2.438	-2.273	-1.965
7271	72.70	-1.570	-1.160	-0.805	-0.539	-0.359	-0.230	-0.101	0.065	0.279	0.527
7281	72.80	0.779	1.010	1.212	1.391	1.563	1.736	1.904	2.047	2.149	2.209
7291	72.90	2.249	2.306	2.414	2.582	2.785	2.977	3.109	3.163	3.158	3.152
7301	73.00	3.207	3.357	3.584	3.813	3.942	3.883	3.605	3.143	2.590	2.053
7311	73.10	1.611	1.288	1.047	0.820	0.546	0.202	-0.186	-0.561	-0.864	-1.065
7321	73.20	-1.178	-1.269	-1.335	-1.473	-1.671	-1.906	-2.148	-2.371	-2.571	-2.759
7331	73.30	-2.947	-3.133	-3.298	-3.614	-3.461	-3.444	-3.399	-3.377	-3.619	-3.535
7341	73.40	-3.690	-3.816	-3.838	-3.710	-3.433	-3.062	-2.677	-2.357	-2.142	-2.022
7351	73.50	-1.964	-1.842	-1.661	-1.386	-1.044	-0.685	-0.358	-0.090	0.125	0.321
7361	73.60	0.538	0.800	1.106	1.426	1.720	1.953	2.113	2.218	2.303	2.410
7371	73.70	2.566	2.773	3.007	3.230	3.403	3.499	5.513	3.462	3.371	3.274
7381	73.80	3.194	3.148	3.138	3.160	3.200	3.243	3.269	3.264	3.216	3.126
7391	73.90	3.008	2.884	2.780	2.712	2.678	2.652	2.590	2.543	2.174	1.775
7401	74.00	1.273	0.723	0.196	-0.250	-0.582	-0.801	-0.942	-1.055	-1.185	-1.360
7411	74.10	-1.577	-1.813	-2.035	-2.211	-2.329	-2.394	-2.430	-2.467	-2.530	-2.631
7421	74.20	-2.763	-2.905	-3.028	-3.107	-3.128	-3.093	-3.020	-2.935	-2.864	-2.828
7431	74.30	-2.830	-2.862	-2.907	-2.944	-2.954	-2.924	-2.850	-2.731	-2.573	-2.385
7441	74.40	-2.182	-1.981	-1.797	-1.644	-1.523	-1.425	-1.330	-1.218	-1.077	-0.907
7451	74.50	-0.726	-0.559	-0.423	-0.321	-0.236	-0.138	-0.002	0.181	0.399	0.619
7461	74.60	0.809	0.955	1.071	1.201	1.393	1.686	2.078	2.534	2.990	3.382
7471	74.70	3.676	3.873	4.008	4.132	4.280	4.457	4.636	4.770	4.819	4.765
7481	74.80	4.623	4.430	4.228	4.041	3.871	3.696	3.479	3.202	2.862	2.477
7491	74.90	2.080	1.705	1.374	1.091	0.865	0.612	0.370	0.104	-0.193	-0.512

Table 7—46—16

TABLE OF CORRECTED ACCELERATION RECORD

NO.16

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.837	-1.148	-1.429	-1.677	-1.902	-2.128	-2.386	-2.694	-3.051	-3.429
7511	75.10	-3.778	-4.041	-4.180	-4.186	-4.087	-3.935	-3.760	-3.686	-3.641	-3.639
7521	75.20	-3.652	-3.659	-3.655	-3.656	-3.669	-3.703	-3.735	-3.726	-3.632	-3.428
7531	75.30	-3.121	-2.749	-2.366	-2.025	-1.750	-1.534	-1.343	-1.138	-0.887	-0.579
7541	75.40	-0.222	0.165	0.560	0.969	1.323	1.676	2.003	2.301	2.575	2.840
7551	75.50	3.112	3.421	3.747	4.061	4.309	4.433	4.398	4.215	3.942	3.664
7561	75.60	3.464	3.380	3.397	3.443	3.425	3.266	2.937	2.461	1.900	1.328
7571	75.70	0.798	0.331	-0.077	-0.438	-0.751	-0.995	-1.162	-1.177	-1.114	-1.000
7581	75.80	-0.902	-0.877	-0.951	-1.099	-1.264	-1.381	-1.403	-1.329	-1.195	-1.060
7591	75.90	-0.976	-0.964	-1.009	-1.068	-1.094	-1.057	-0.957	-0.816	-0.672	-0.553
7601	76.00	-0.472	-0.420	-0.377	-0.324	-0.247	-0.168	-0.038	0.069	0.158	0.218
7611	76.10	0.245	0.237	0.197	0.132	0.055	-0.017	-0.072	-0.102	-0.109	-0.103
7621	76.20	-0.101	-0.114	-0.146	-0.192	-0.239	-0.273	-0.289	-0.288	-0.283	-0.289
7631	76.30	-0.319	-0.378	-0.466	-0.573	-0.692	-0.812	-0.928	-1.035	-1.131	-1.215
7641	76.40	-1.291	-1.365	-1.442	-1.530	-1.629	-1.736	-1.841	-1.935	-2.016	-2.083
7651	76.50	-2.153	-2.235	-2.335	-2.449	-2.563	-2.661	-2.739	-2.809	-2.858	-3.036
7661	76.60	-3.235	-3.427	-3.709	-3.858	-3.855	-3.665	-3.307	-2.869	-2.385	-2.000
7671	76.70	-1.734	-1.568	-1.434	-1.244	-0.932	-0.480	0.076	0.660	1.196	1.636
7681	76.80	1.979	2.265	2.546	2.859	3.208	3.568	3.905	4.204	4.480	4.779
7691	76.90	5.151	5.618	6.151	6.673	7.087	7.318	7.349	7.237	7.088	7.013
7701	77.00	7.078	7.269	7.496	7.627	7.542	7.184	6.582	5.836	5.076	4.410
7711	77.10	3.885	3.477	3.110	2.694	2.165	1.510	0.765	-0.005	-0.759	-1.358
7721	77.20	-1.876	-2.291	-2.638	-2.954	-3.273	-3.619	-4.003	-4.419	-4.840	-5.225
7731	77.30	-5.518	-5.676	-5.675	-5.536	-5.319	-5.112	-4.999	-5.030	-5.200	-5.440
7741	77.40	-5.648	-5.714	-5.569	-5.203	-4.668	-4.057	-3.470	-2.974	-2.590	-2.290
7751	77.50	-2.016	-1.717	-1.362	-0.961	-0.547	-0.162	0.166	0.461	0.694	0.970
7761	77.60	1.303	1.703	2.161	2.562	2.897	3.097	3.141	3.050	2.875	2.684
7771	77.70	2.535	2.465	2.478	2.549	2.639	2.710	2.753	2.700	2.617	2.502
7781	77.80	2.374	2.247	2.125	2.009	1.895	1.778	1.663	1.554	1.463	1.398
7791	77.90	1.364	1.358	1.371	1.386	1.390	1.373	1.337	1.290	1.248	1.222
7801	78.00	1.215	1.216	1.203	1.148	1.030	0.846	0.611	0.357	0.122	-0.061
7811	78.10	-0.179	-0.238	-0.262	-0.283	-0.324	-0.397	-0.495	-0.603	-0.704	-0.789
7821	78.20	-0.857	-0.921	-0.992	-1.078	-1.178	-1.281	-1.377	-1.458	-1.525	-1.589
7831	78.30	-1.660	-1.747	-1.850	-1 958	-2.058	-2.140	-2.202	-2.256	-2.318	-2.405
7841	78.40	-2.520	-2.654	-2.780	-2.866	-2.885	-2.826	-2.699	-2.533	-2.361	-2.215
7851	78.50	-2.109	-2.042	-1.999	-1.957	-1.899	-1.821	-1.726	-1.627	-1.537	-1.461
7861	78.60	-1.398	-1.338	-1.272	-1.195	-1.106	-1.013	-0.925	-0.849	-0.789	-0.741
7871	78.70	-0.702	-0.666	-0.624	-0.580	-0.535	-0.483	-0.431	-0.377	-0.323	-0.270
7881	78.80	-0.219	-0.170	-0.123	-0.076	-0.026	0.027	0.083	0.138	0.190	0.236
7891	78.90	0.278	0.319	0.363	0.413	0.466	0.521	0.572	0.618	0.659	0.700
7901	79.00	0.746	0.788	0.853	0.911	0.963	1.007	1.042	1.089	1.135	1.185
7911	79.10	1.231	1.261	1.269	1.255	1.233	1.222	1.242	1.296	1.372	1.461
7921	79.20	1.467	1.424	1.304	1.125	0.919	0.720	0.550	0.415	0.301	0.189
7931	79.30	0.070	-0.053	-0.160	-0.228	-0.246	-0.218	-0.169	-0.135	-0.142	-0.199
7941	79.40	-0.288	-0.376	-0.422	-0.400	-0.306	-0.158	0.012	0.175	0.312	0.419
7951	79.50	0.508	0.592	0.679	0.766	0.844	0.903	0.935	0.945	0.942	0.942
7961	79.60	0.955	0.986	1.030	1.083	1.137	1.187	1.231	1.266	1.290	1.295
7971	79.70	1.274	1.225	1.151	1.061	0.971	0.896	0.845	0.817	0.804	0.793
7981	79.80	0.767	0.720	0.669	0.560	0.464	0.370	0.284	0.206	0.134	0.061
7991	79.90	-0.015	-0.095	-0.178	-0.258	-0.333	-0.401	-0.466	-0.531	-0.603	-0.685

Table 7—46—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-0.776	-0.870	-0.957	-1.024	-1.063	-1.069	-1.043	-0.997	-0.943	-0.894
8011	80.10	-0.861	-0.849	-0.853	-0.865	-0.874	-0.874	-0.859	-0.835	-0.808	-0.787
8021	80.20	-0.777	-0.779	-0.785	-0.789	-0.780	-0.758	-0.728	-0.698	-0.682	-0.685
8031	80.30	-0.706	-0.723	-0.721	-0.677	-0.580	-0.432	-0.253	-0.070	0.091	0.214
8041	80.40	0.302	0.372	0.450	0.556	0.698	0.863	1.022	1.137	1.181	1.139
8051	80.50	1.020	0.852	0.673	0.515	0.402	0.338	0.310	0.294	0.268	0.211
8061	80.60	0.121	0.005	-0.117	-0.218	-0.274	-0.269	-0.200	-0.080	0.069	0.222
8071	80.70	0.355	0.459	0.535	0.597	0.658	0.728	0.803	0.871	0.914	0.919
8081	80.80	0.888	0.836	0.783	0.755	0.762	0.798	0.845	0.878	0.886	0.864
8091	80.90	0.836	0.815	0.824	0.861	0.911	0.954	0.971	0.960	0.935	0.918
8101	81.00	0.926	0.963	1.016	1.059	1.074	1.056	1.021	0.996	1.002	1.049
8111	81.10	1.122	1.188	1.219	1.208	1.173	1.152	1.182	1.278	1.414	1.532
8121	81.20	1.560	1.442	1.162	0.751	0.271	-0.206	-0.628	-0.978	-1.268	-1.528
8131	81.30	-1.782	-2.056	-2.288	-2.521	-2.736	-2.953	-3.200	-3.497	-3.837	-4.178
8141	81.40	-4.449	-4.583	-4.557	-4.320	-3.988	-3.629	-3.327	-3.134	-3.051	-3.037
8151	81.50	-3.029	-2.970	-2.833	-2.626	-2.302	-2.143	-1.938	-1.777	-1.646	-1.518
8161	81.60	-1.371	-1.189	-0.971	-0.729	-0.480	-0.260	-0.019	0.182	0.368	0.553
8171	81.70	0.748	0.961	1.191	1.428	1.656	1.855	2.026	2.180	2.343	2.541
8181	81.80	2.789	3.075	3.356	3.573	3.671	3.623	3.447	3.199	2.957	2.786
8191	81.90	2.711	2.706	2.704	2.623	2.402	2.028	1.540	1.016	0.542	0.183
8201	82.00	-0.037	-0.140	-0.176	-0.201	-0.260	-0.372	-0.531	-0.716	-0.903	-1.076
8211	82.10	-1.227	-1.360	-1.482	-1.599	-1.713	-1.822	-1.920	-2.002	-2.066	-2.119
8221	82.20	-2.176	-2.252	-2.365	-2.515	-2.687	-2.844	-2.938	-2.926	-2.783	-2.520
8231	82.30	-2.179	-1.821	-1.505	-1.266	-1.104	-0.988	-0.872	-0.723	-0.530	-0.312
8241	82.40	-0.105	0.063	0.185	0.283	0.393	0.550	0.759	0.994	1.204	1.336
8251	82.50	1.362	1.292	1.173	1.068	1.026	1.064	1.156	1.250	1.286	1.229
8261	82.60	1.027	0.858	0.616	0.391	0.200	0.038	-0.112	-0.264	-0.418	-0.559
8271	82.70	-0.665	-0.710	-0.697	-0.639	-0.567	-0.510	-0.487	-0.502	-0.543	-0.591
8281	82.80	-0.629	-0.668	-0.666	-0.629	-0.604	-0.575	-0.548	-0.527	-0.519	-0.522
8291	82.90	-0.561	-0.564	-0.576	-0.555	-0.481	-0.343	-0.145	0.099	0.365	0.627
8301	83.00	0.865	1.068	1.230	1.353	1.439	1.494	1.523	1.532	1.530	1.525
8311	83.10	1.520	1.512	1.493	1.452	1.382	1.283	1.169	1.058	0.971	0.924
8321	83.20	0.920	0.950	1.000	1.051	1.091	1.116	1.128	1.134	1.143	1.158
8331	83.30	1.177	1.197	1.213	1.223	1.225	1.218	1.204	1.184	1.158	1.129
8341	83.40	1.102	1.081	1.070	1.069	1.076	1.084	1.081	1.058	1.006	0.920
8351	83.50	0.801	0.654	0.487	0.315	0.156	0.021	-0.071	-0.113	-0.105	-0.058
8361	83.60	0.011	0.083	0.140	0.175	0.186	0.178	0.170	0.168	0.177	0.197
8371	83.70	0.222	0.243	0.258	0.265	0.270	0.278	0.291	0.310	0.329	0.342
8381	83.80	0.341	0.326	0.299	0.269	0.244	0.228	0.224	0.227	0.230	0.227
8391	83.90	0.216	0.198	0.179	0.164	0.158	0.159	0.162	0.162	0.154	0.136
8401	84.00	0.115	0.097	0.090	0.095	0.108	0.118	0.113	0.082	0.024	-0.057
8411	84.10	-0.148	-0.238	-0.316	-0.380	-0.434	-0.484	-0.538	-0.597	-0.661	-0.725
8421	84.20	-0.783	-0.836	-0.888	-0.944	-1.009	-1.081	-1.154	-1.214	-1.252	-1.258
8431	84.30	-1.236	-1.195	-1.150	-1.114	-1.096	-1.096	-1.106	-1.117	-1.121	-1.113
8441	84.40	-1.098	-1.081	-1.068	-1.063	-1.064	-1.066	-1.065	-1.058	-1.045	-1.031
8451	84.50	-1.020	-1.013	-1.011	-1.010	-1.006	-0.998	-0.987	-0.978	-0.976	-0.983
8461	84.60	-0.997	-1.011	-1.020	-1.019	-1.009	-0.995	-0.986	-0.988	-1.001	-1.020
8471	84.70	-1.035	-1.036	-1.010	-0.963	-0.897	-0.823	-0.751	-0.687	-0.633	-0.586
8481	84.80	-0.542	-0.497	-0.449	-0.400	-0.352	-0.306	-0.263	-0.222	-0.183	-0.144
8491	84.90	-0.107	-0.070	-0.035	0.002	0.041	0.085	0.134	0.186	0.236	0.280

Table 7—46—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1139 902-GR-1-57 LG. (HA.) NISHIARAI BRIDGE MAX. ACC. = -66.749 (GAL) T= 8.51 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.312	0.328	0.327	0.308	0.273	0.229	0.181	0.139	0.109	0.097
8511	85.10	0.102	0.114	0.123	0.117	0.087	0.035	-0.032	-0.104	-0.169	-0.226
8521	85.20	-0.278	-0.333	-0.398	-0.472	-0.547	-0.611	-0.657	-0.685	-0.707	-0.739
8531	85.30	-0.799	-0.891	-1.011	-1.145	-1.284	-1.426	-1.582	-1.767	-1.985	-2.222
8541	85.40	-2.436	-2.573	-2.579	-2.430	-2.140	-1.761	-1.366	-1.022	-0.766	-0.595
8551	85.50	-0.474	-0.354	-0.198	0.005	0.240	0.476	0.690	0.875	1.042	1.211
8561	85.60	1.397	1.596	1.788	1.953	2.078	2.172	2.264	2.385	2.553	2.758
8571	85.70	2.969	3.144	3.254	3.300	3.310	3.332	3.401	3.524	3.668	3.775
8581	85.80	3.784	3.662	3.418	3.098	2.770	2.492	2.291	2.159	2.058	1.947
8591	85.90	1.795	1.598	1.374	1.153	0.958	0.794	0.650	0.504	0.335	0.138
8601	86.00	-0.079	-0.293	-0.476	-0.605	-0.667	-0.664	-0.613	-0.540	-0.475	-0.448
8611	86.10	-0.473	-0.551	-0.663	-0.772	-0.860	-0.832	-0.732	-0.542	-0.283	0.016
8621	86.20	0.327	0.634	0.925	1.192	1.423	1.597	1.693	1.695	1.609	1.463
8631	86.30	1.302	1.172	1.105	1.100	1.132	1.154	1.126	1.028	0.866	0.671
8641	86.40	0.480	0.320	0.199	0.104	0.012	-0.093	-0.212	-0.333	-0.437	-0.512
8651	86.50	-0.557	-0.588	-0.627	-0.689	-0.777	-0.878	-0.976	-1.050	-1.107	-1.157
8661	86.60	-1.220	-1.312	-1.429	-1.548	-1.633	-1.645	-1.562	-1.385	-1.139	-0.866
8671	86.70	-0.613	-0.413	-0.279	-0.206	-0.169	-0.141	-0.096	-0.024	0.073	0.178
8681	86.80	0.266	0.313	0.301	0.226	0.097	-0.068	-0.244	-0.409	-0.551	-0.665
8691	86.90	-0.756	-0.823	-0.880	-0.925	-0.963	-0.993	-1.022	-1.056	-1.102	-1.160
8701	87.00	-1.223	-1.278	-1.308	-1.302	-1.260	-1.191	-1.114	-1.049	-1.007	-0.989
8711	87.10	-0.985	-0.982	-0.968	-0.940	-0.903	-0.867	-0.839	-0.821	-0.806	-0.786
8721	87.20	-0.750	-0.698	-0.634	-0.567	-0.507	-0.459	-0.423	-0.391	-0.356	-0.312
8731	87.30	-0.260	-0.203	-0.150	-0.106	-0.075	-0.059	-0.054	-0.057	-0.063	-0.066
8741	87.40	-0.063	-0.052	-0.033	-0.010	0.013	0.030	0.039	0.040	0.039	0.038
8751	87.50	0.041	0.046	0.049	0.045	0.034	0.020	0.010	0.012	0.026	0.045
8761	87.60	0.056	0.049	0.023	-0.010	-0.025	0.004	0.099	0.258	0.464	0.683
8771	87.70	0.883	1.040	1.150	1.222	1.272	1.309	1.331	1.330	1.300	1.245
8781	87.80	1.187	1.155	1.174	1.246	1.368	1.434	1.455	1.382	1.221	1.008
8791	87.90	0.796	0.630	0.520	0.440	0.361	0.173	-0.085	-0.419	-0.781	-1.118
8801	88.00	-1.398	-1.623	-1.830	-2.063	-2.346	-2.660	-2.945	-3.126	-3.147	-3.002
8811	88.10	-2.744	-2.466	-2.260	-2.182	-2.220	-2.308	-2.346	-2.252	-1.986	-1.572
8821	88.20	-1.077	-0.582	-0.153	0.180	0.426	0.609	0.757	0.886	0.999	1.099
8831	88.30	1.197	1.312	1.463	1.658	1.879	2.086	2.231	2.284	2.248	2.160
8841	88.40	2.080	2.057	2.110	2.214	2.313	2.345	2.272	2.103	1.880	1.668
8851	88.50	1.515	1.438	1.412	1.387	1.326	1.176	0.972	0.738	0.510	0.309
8861	88.60	0.136	-0.031	-0.214	-0.418	-0.630	-0.816	-0.942	-0.990	-0.966	-0.900
8871	88.70	-0.831	-0.791	-0.794	-0.833	-0.887	-0.937	-0.970	-0.989	-1.005	-1.033
8881	88.80	-1.079	-1.142	-1.213	-1.283	-1.346	-1.398	-1.445	-1.490	-1.539	-1.597
8891	88.90	-1.665	-1.745	-1.834	-1.925	-2.006	-2.059	-2.066	-2.018	-1.914	-1.770
8901	89.00	-1.611	-1.464	-1.351	-1.280	-1.242	-1.219	-1.181	-1.106	-0.976	-0.785
8911	89.10	-0.541	-0.259	0.041	0.335	0.603	0.830	1.005	1.126	1.197	1.227
8921	89.20	1.231	1.222	1.217	1.228	1.264	1.327	1.412	1.508	1.602	1.685
8931	89.30	1.755	1.821	1.898	1.999	2.131	2.284	2.438	2.568	2.657	2.702
8941	89.40	2.715	2.717	2.729	2.754	2.783	2.792	2.760	2.674	2.537	2.366
8951	89.50	2.181	1.998	1.823	1.657	1.498	1.346	1.202	1.062	0.912	0.728
8961	89.60	0.482	0.181	-0.147	-0.504	-0.763	-0.893	-0.880	-0.761	-0.608	-0.492
8971	89.70	-0.450	-0.665	-0.469	-0.393	-0.197	0.097	0.412	0.654	0.766	0.757
8981	89.80	0.706	0.711	0.853	1.049	1.256	1.521	1.760	1.801	0.395	0.154
8991	89.90	0.246	0.697	1.345	1.889	2.009	1.510	0.625	-0.978	-2.298	-3.155

Table 7—47—1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	6.769	4.766	1.835	-1.362	-4.114	-5.830	-6.162	-5.049	-2.712	0.415
11	0.10	5.767	6.767	8.932	9.974	9.855	8.774	7.098	5.241	3.537	2.161
21	0.20	1.112	0.264	-0.543	-1.414	-2.365	-3.329	-4.214	-4.950	-5.516	-5.920
31	0.30	-6.160	-6.196	-5.955	-5.377	-4.472	-3.364	-2.264	-1.400	-0.918	-0.807
41	0.40	-0.895	-0.932	-0.703	-0.165	0.615	1.317	1.694	1.607	1.126	0.509
51	0.50	0.081	0.085	0.561	1.319	2.021	2.317	1.994	1.044	-0.363	-1.876
61	0.60	-3.260	-4.281	-4.816	-4.802	-4.199	-2.979	-1.166	1.108	3.560	5.790
71	0.70	7.375	8.011	7.627	6.413	4.747	3.047	1.606	0.501	-0.388	-1.273
81	0.80	-2.306	-3.480	-4.619	-5.668	-5.822	-5.632	-5.015	-4.181	-3.299	-2.407
91	0.90	-1.394	-0.091	1.589	3.535	5.416	6.777	7.220	6.571	4.969	2.821
101	1.00	0.666	-1.105	-2.190	-2.610	-2.537	-2.192	-1.749	-1.293	-0.861	-0.501
111	1.10	-0.305	-0.380	-0.765	-1.360	-1.914	-2.113	-1.736	-0.802	0.368	1.243
121	1.20	1.289	0.215	-1.865	-4.429	-6.732	-8.096	-8.176	-7.095	-5.372	-3.687
131	1.30	-2.595	-2.300	-2.600	-3.009	-2.986	-2.156	-0.466	1.865	4.359	6.649
141	1.40	8.409	9.504	9.939	9.787	9.138	8.079	6.718	5.204	3.724	2.443
151	1.50	1.466	0.681	-0.026	-0.891	-2.063	-3.519	-5.043	-6.282	-6.878	-6.613
161	1.60	-5.497	-3.773	-1.825	-0.044	1.301	2.119	2.488	2.571	2.524	2.421
171	1.70	2.247	1.934	1.432	0.760	0.039	-0.538	-0.761	-0.671	0.374	1.676
181	1.80	3.198	4.617	5.591	5.850	5.269	3.917	2.049	0.054	-1.668	-2.721
191	1.90	-3.003	-2.544	-1.578	-0.430	0.597	1.316	1.705	1.878	2.018	2.276
201	2.00	2.692	3.167	3.479	3.357	2.575	1.033	-1.184	-3.807	-6.430	-8.600
211	2.10	-9.943	-10.261	-9.602	-8.251	-6.647	-5.247	-4.372	-4.109	-4.293	-4.585
221	2.20	-4.620	-4.155	-3.158	-1.799	-0.356	0.923	1.918	2.662	3.257	3.760
231	2.30	4.084	3.991	3.199	1.553	-0.821	-3.460	-5.664	-6.717	-6.145	-3.906
241	2.40	-0.422	3.556	7.206	9.888	11.315	11.564	10.955	9.860	8.547	7.113
251	2.50	5.527	3.731	1.750	-0.271	-2.103	-3.521	-4.394	-4.752	-4.655	-4.317
261	2.60	-3.825	-3.194	-2.358	-1.246	0.148	1.706	3.200	4.354	4.945	4.882
271	2.70	4.251	3.281	2.262	1.434	0.896	0.570	0.240	-0.353	-1.385	-2.851
281	2.80	-4.537	-6.076	-7.089	-7.335	-6.819	-5.804	-4.700	-3.882	-3.517	-3.476
291	2.90	-3.390	-2.851	-1.539	0.420	2.642	4.558	5.693	5.919	5.546	5.206
301	3.00	5.553	6.930	9.137	11.442	12.861	12.459	9.931	5.586	0.354	-4.560
311	3.10	-8.106	-9.726	-9.480	-7.926	-5.831	-3.858	-2.356	-1.389	-0.762	-0.304
321	3.20	0.046	0.206	0.035	-0.543	-1.458	-2.500	-3.409	-3.995	-4.219	-4.184
331	3.30	-4.057	-3.960	-3.901	-3.781	-3.474	-2.922	-2.202	-1.500	-1.017	-0.859
341	3.40	-0.957	-1.085	-0.964	-0.406	0.575	1.748	2.755	3.268	3.137	2.456
351	3.50	1.516	0.665	0.142	-0.019	0.010	-0.025	-0.308	-0.818	-1.314	-1.436
361	3.60	-0.883	0.417	2.236	4.108	5.519	6.118	5.873	5.081	4.222	3.740
371	3.70	3.819	4.293	4.701	4.509	3.322	1.104	-1.808	-4.811	-7.268	-8.729
381	3.80	-9.078	-8.530	-7.512	-6.484	-5.775	-5.503	-5.579	-5.780	-5.840	-5.523
391	3.90	-4.667	-3.203	-1.172	1.261	3.814	6.117	7.793	8.569	8.374	7.372
401	4.00	5.922	4.451	3.298	2.607	2.300	2.152	1.924	1.483	0.854	0.167
411	4.10	-0.439	-0.928	-1.401	-2.037	-2.974	-4.177	-5.388	-6.176	-6.093	-4.850
421	4.20	-2.454	0.765	4.250	7.387	9.690	10.925	11.143	10.623	9.751	8.890
431	4.30	8.270	7.925	7.693	7.269	6.299	4.515	1.848	-1.497	-5.061	-8.248
441	4.40	-10.506	-11.529	-11.370	-10.423	-9.269	-8.435	-8.170	-8.362	-8.511	-8.141
451	4.50	-6.864	-4.676	-1.964	0.636	2.491	3.243	2.921	1.918	0.800	0.071
461	4.60	-0.023	0.456	1.213	1.888	2.227	2.174	1.852	1.480	1.243	1.219
471	4.70	1.364	1.562	1.701	1.735	1.699	1.669	1.711	1.825	1.926	1.874
481	4.80	1.523	0.786	-0.516	-1.944	-2.968	-4.035	-4.844	-4.712	-4.308	-3.621
491	4.90	-2.899	-2.343	-2.034	-1.897	-1.738	-1.333	-0.537	0.644	2.048	3.418

Table 7—47—2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	4.510	5.180	5.420	5.319	4.979	4.439	3.654	2.537	1.058	-0.676
511	5.10	-2.410	-3.806	-4.579	-4.626	-4.081	-3.263	-2.540	-2.161	-2.166	-2.381
521	5.20	-2.538	-2.623	-1.991	-1.376	-0.799	-0.422	-0.233	-0.035	0.453	1.433
531	5.30	2.891	4.560	6.019	6.879	6.965	6.403	5.560	4.867	4.604	4.754
541	5.40	5.000	4.869	3.956	2.121	-0.424	-3.187	-5.576	-7.118	-7.619	-7.199
551	5.50	-6.203	-5.040	-4.025	-3.289	-2.789	-2.388	-1.962	-1.474	-0.988	-0.623
561	5.60	-0.475	-0.553	-0.764	-0.946	-0.942	-0.675	-0.183	0.388	0.863	1.018
571	5.70	0.854	0.720	-0.039	-0.481	-0.539	-0.199	0.477	1.317	2.104	2.653
581	5.80	2.866	2.750	2.393	1.905	1.368	0.814	0.234	-0.384	-1.021	-1.606
591	5.90	-2.037	-2.223	-2.124	-1.773	-1.248	-0.628	0.063	0.871	1.889	3.184
601	6.00	4.719	6.311	7.652	8.397	8.287	7.256	5.474	3.299	1.165	-0.558
611	6.10	-1.671	-2.180	-2.252	-2.119	-1.983	-1.952	-2.044	-2.228	-2.479	-2.804
621	6.20	-3.231	-3.759	-4.315	-4.741	-4.834	-4.425	-3.466	-2.080	-0.540	0.810
631	6.30	1.675	1.914	1.593	0.955	0.333	0.030	0.223	0.917	1.964	3.130
641	6.40	4.178	4.941	5.343	5.399	5.165	4.707	4.060	3.229	2.196	0.952
651	6.50	-0.481	-2.028	-3.560	-4.911	-5.904	-6.392	-6.295	-5.627	-4.505	-3.127
661	6.60	-1.730	-0.529	0.335	0.827	1.011	1.018	0.978	0.968	0.978	0.917
671	6.70	0.658	0.095	-0.796	-1.938	-3.169	-4.289	-5.131	-5.603	-5.711	-5.523
681	6.80	-5.131	-4.592	-3.910	-3.048	-1.975	-0.718	0.611	1.825	2.722	3.167
691	6.90	3.148	2.800	2.354	2.051	2.045	2.342	2.805	3.230	3.439	3.371
701	7.00	3.106	2.817	2.674	2.750	2.972	3.144	3.040	2.508	1.546	0.302
711	7.10	-0.997	-2.150	-3.068	-3.786	-4.411	-5.013	-5.542	-5.800	-5.505	-4.417
721	7.20	-2.465	0.180	3.128	5.882	7.982	9.141	9.293	8.573	7.228	5.526
731	7.30	3.692	1.886	0.216	-1.238	-2.426	-3.339	-4.031	-4.606	-5.173	-5.786
741	7.40	-6.389	-6.815	-6.850	-6.340	-5.283	-3.864	-2.409	-1.251	-0.592	-0.422
751	7.50	-0.523	-0.592	-0.395	0.106	0.720	1.111	0.958	0.119	-1.285	-2.904
761	7.60	-4.287	-5.059	-5.052	-4.351	-3.251	-2.032	-1.028	-0.338	0.076	0.356
771	7.70	0.666	1.118	1.738	2.465	3.188	3.786	4.165	4.298	4.234	4.098
781	7.80	4.058	4.258	4.745	5.403	5.847	5.998	5.228	3.526	1.122	-1.416
791	7.90	-3.318	-5.865	-2.658	0.200	4.091	8.056	11.092	12.468	11.935	9.760
801	8.00	6.586	3.187	0.215	-1.953	-3.256	-3.861	-4.038	-4.042	-4.054	-4.190
811	8.10	-4.518	-5.091	-5.925	-6.974	-8.098	-9.073	-9.654	-9.660	-9.058	-7.985
821	8.20	-6.709	-5.519	-4.602	-3.955	-3.375	-2.534	-1.115	1.042	3.848	6.951
831	8.30	9.824	11.910	12.788	12.293	10.559	7.970	5.040	2.262	-0.022	-1.682
841	8.40	-2.793	-3.547	-4.144	-4.695	-5.178	-5.656	-5.355	-4.759	-3.681	-2.281
851	8.50	-0.833	0.363	1.069	1.180	0.746	-0.049	-0.950	-1.698	-2.090	-2.015
861	8.60	-1.457	-0.475	0.831	2.353	3.998	5.690	7.349	8.863	10.063	10.733
871	8.70	10.653	9.680	7.837	5.352	2.641	0.193	-1.586	-2.511	-2.701	-2.505
881	8.80	-2.350	-2.535	-3.088	-3.755	-4.132	-3.894	-2.996	-1.744	-0.677	-0.305
891	8.90	-0.830	-1.983	-3.083	-3.310	-2.089	0.607	4.162	7.501	9.478	9.302
901	9.00	6.819	2.535	-2.608	-7.592	-11.664	-14.384	-15.769	-15.898	-14.830	-12.514
911	9.10	-8.888	-4.070	1.480	6.946	11.342	13.826	14.012	12.126	8.930	5.460
921	9.20	2.556	0.775	0.077	0.043	0.105	-0.190	-1.011	-2.235	-3.566	-4.702
931	9.30	-5.453	-5.774	-5.706	-5.305	-4.584	-3.532	-2.176	-0.634	0.866	2.047
941	9.40	2.682	2.688	2.158	1.324	0.444	-0.258	-0.861	-1.333	-1.851	-2.499
951	9.50	-3.232	-3.867	-4.146	-3.836	-2.827	-1.193	0.823	2.874	4.601	5.732
961	9.60	6.140	5.863	5.075	4.030	2.987	2.151	1.632	1.438	1.498	1.701
971	9.70	1.937	2.115	2.166	2.035	1.664	1.007	0.057	-1.123	-2.374	-3.463
981	9.80	-4.149	-4.264	-3.786	-2.859	-1.745	-0.722	0.022	0.462	0.723	1.002
991	9.90	1.451	2.090	2.788	3.320	3.481	3.181	2.489	1.594	0.709	-0.030

Table 7—47—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-0.615	-1.140	-1.720	-2.394	-3.078	-3.587	-3.730	-3.423	-2.760	-2.008
1011	10.10	-1.507	-1.548	-2.227	-3.403	-4.726	-5.743	-6.073	-5.511	-4.109	-2.157
1021	10.20	-0.099	1.598	2.580	2.701	2.071	1.023	0.016	-0.499	-0.216	0.929
1031	10.30	2.739	4.817	6.690	7.965	8.334	7.807	6.475	4.542	2.230	-0.261
1041	10.40	-2.741	-5.017	-6.884	-8.158	-8.741	-8.672	-8.130	-7.364	-6.575	-5.797
1051	10.50	-4.867	-5.500	-1.456	1.272	4.361	7.204	9.111	9.579	8.505	6.244
1061	10.60	3.478	0.962	-0.855	-1.790	-2.099	-2.187	-2.386	-2.782	-3.196	-3.333
1071	10.70	-2.978	-2.158	-1.144	-0.324	0.069	-0.192	-0.709	-1.151	-1.357	-1.157
1081	10.80	-0.795	-0.602	-0.829	-1.484	-2.315	-2.949	-3.113	-2.809	-2.325	-2.065
1091	10.90	-2.278	-2.839	-3.223	-2.710	-0.745	2.721	7.091	11.273	14.085	14.719
1101	11.00	13.078	9.811	6.042	2.907	1.128	0.787	1.409	2.259	2.718	2.537
1111	11.10	1.868	1.096	0.576	0.439	0.557	0.685	0.662	0.560	0.683	1.398
1121	11.20	2.899	5.037	7.304	9.003	9.536	8.641	6.529	3.769	1.067	-1.016
1131	11.30	-2.245	-2.735	-2.817	-2.827	-2.963	-3.128	-3.212	-3.059	-2.653	-2.241
1141	11.40	-2.160	-2.726	-4.059	-5.991	-8.095	-9.825	-10.696	-10.448	-9.119	-7.018
1151	11.50	-4.611	-2.380	-0.694	0.761	0.487	0.138	-0.551	-1.333	-2.003	-2.430
1161	11.60	-2.573	-2.472	-2.231	-1.979	-1.829	-1.861	-1.993	-2.179	-2.231	-1.970
1171	11.70	-1.264	-0.080	1.479	3.181	4.712	5.760	6.104	5.699	4.706	3.664
1181	11.80	2.393	1.865	2.085	3.005	4.369	5.685	6.570	6.689	5.949	4.495
1191	11.90	2.643	0.777	-0.765	-1.759	-2.120	-1.880	-1.144	-0.064	1.183	2.401
1201	12.00	3.386	3.967	4.057	3.694	3.051	2.382	1.927	1.802	1.927	2.037
1211	12.10	1.770	0.822	-0.919	-3.294	-5.905	-8.234	-9.811	-10.358	-9.857	-8.520
1221	12.20	-6.696	-4.742	-2.941	-1.457	-0.353	0.369	0.741	0.826	0.729	0.607
1231	12.30	0.639	0.972	1.644	2.533	3.374	3.832	3.630	2.659	1.040	-0.909
1241	12.40	-2.781	-4.218	-5.021	-5.194	-4.895	-4.365	-3.726	-3.121	-2.521	-1.875
1251	12.50	-1.159	-0.408	0.287	0.828	1.157	1.283	1.263	1.150	0.944	0.579
1261	12.60	-0.042	-0.974	-2.162	-3.411	-4.435	-4.955	-4.813	-4.059	-2.942	-1.832
1271	12.70	-1.074	-0.855	-1.135	-1.663	-2.081	-2.064	-1.445	-0.268	1.241	2.762
1281	12.80	3.998	4.762	5.017	4.854	4.441	3.953	3.523	3.224	3.066	3.018
1291	12.90	3.026	3.030	2.980	2.843	2.610	2.298	1.943	1.583	1.238	0.904
1301	13.00	0.553	0.148	-0.322	-0.835	-1.330	-1.735	-2.009	-2.171	-2.308	-2.548
1311	13.10	-2.994	-3.673	-4.490	-5.263	-5.677	-5.568	-4.803	-3.422	-1.613	0.343
1321	13.20	2.153	3.581	4.500	4.903	4.884	4.607	4.269	4.057	4.115	4.500
1331	13.30	5.156	5.899	6.453	6.519	5.873	4.456	2.427	0.131	-1.998	-3.575
1341	13.40	-4.392	-4.475	-4.069	-3.440	-2.923	-2.617	-2.463	-2.280	-1.883	-1.189
1351	13.50	-0.276	0.660	1.396	1.804	1.914	1.902	2.006	2.393	3.096	3.943
1361	13.60	4.667	4.998	4.775	4.001	2.813	1.406	-0.068	-1.546	-3.047	-4.611
1371	13.70	-6.213	-7.729	-8.968	-9.669	-9.687	-9.054	-7.865	-6.298	-4.503	-2.543
1381	13.80	-0.490	1.952	4.451	6.878	8.870	10.020	10.035	8.864	6.762	4.216
1391	13.90	1.791	-0.061	-1.147	-1.556	-1.580	-1.546	-1.666	-1.948	-2.231	-2.295
1401	14.00	-2.005	-1.398	-0.674	-0.096	0.157	0.100	-0.040	0.083	0.773	2.132
1411	14.10	3.983	5.911	7.619	8.113	7.856	6.807	5.328	3.817	2.522	1.438
1421	14.20	0.329	-1.143	-3.220	-5.887	-8.823	-11.468	-13.211	-13.606	-12.529	-10.234
1431	14.30	-7.267	-4.289	-1.873	-0.350	0.247	0.136	-0.337	-0.833	-1.131	-1.157
1441	14.40	-0.964	-0.660	-0.342	-0.050	0.235	0.560	0.957	1.413	1.857	2.180
1451	14.50	2.273	2.067	1.566	0.857	0.096	-0.523	-0.824	-0.700	-0.154	0.685
1461	14.60	1.585	2.268	2.695	2.787	2.275	0.704	-1.034	-1.796	-1.961	-1.410
1471	14.70	-0.337	1.000	2.281	3.260	3.833	4.054	4.086	4.109	4.241	4.489
1481	14.80	4.759	4.913	4.838	4.497	3.944	3.291	2.656	2.116	1.689	1.344
1491	14.90	1.031	0.715	0.387	0.052	-0.290	-0.666	-1.117	-1.684	-2.365	-3.106

Table 7—47—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-3.806	-4.353	-4.672	-4.755	-4.661	-4.475	-4.253	-3.983	-3.575	-2.911
1511	15.10	-1.910	-0.596	0.883	2.284	3.352	3.911	3.928	3.513	2.866	2.186
1521	15.20	1.597	1.105	0.634	0.086	-0.587	-1.340	-2.052	-2.584	-2.868	-2.856
1531	15.30	-2.712	-2.569	-2.559	-2.686	-2.904	-3.066	-3.018	-2.681	-2.076	-1.321
1541	15.40	-0.581	-0.004	0.325	0.598	0.767	0.802	-0.339	-0.725	-1.144	-1.571
1551	15.50	-1.957	-2.228	-2.306	-2.145	-1.755	-1.207	-0.611	-0.072	0.345	0.643
1561	15.60	0.883	1.154	1.534	2.066	2.653	3.259	3.749	4.018	4.006	3.708
1571	15.70	3.166	2.456	1.655	0.830	0.026	-0.731	-1.426	-2.059	-2.560	-2.883
1581	15.80	-3.015	-2.880	-2.442	-1.696	-0.683	0.504	1.727	2.823	3.631	4.031
1591	15.90	3.972	3.491	2.707	1.785	0.899	0.177	-0.330	-0.653	-0.878	-1.104
1601	16.00	-1.388	-1.719	-2.017	-2.170	-2.084	-1.738	-1.197	-0.596	-0.087	0.223
1611	16.10	0.318	0.272	0.211	0.250	0.434	0.712	0.962	1.057	0.932	0.630
1621	16.20	0.294	0.109	0.216	0.637	1.250	1.823	2.100	1.897	1.172	0.010
1631	16.30	-1.272	-2.502	-3.434	-3.945	-4.007	-3.657	-2.957	-1.970	-0.742	0.568
1641	16.40	1.875	2.974	3.676	3.859	3.514	2.783	1.897	1.119	0.649	0.550
1651	16.50	0.746	1.063	1.312	1.373	1.235	0.983	0.744	0.617	0.630	0.729
1661	16.60	0.823	0.839	0.763	0.650	0.592	0.664	0.880	1.175	1.435	1.546
1671	16.70	1.444	1.142	0.711	0.244	-0.189	-0.575	-0.941	-1.330	-1.756	-2.180
1681	16.80	-2.539	-2.767	-2.856	-2.877	-2.965	-3.271	-3.886	-4.786	-5.820	-6.750
1691	16.90	-7.326	-7.376	-6.863	-5.889	-4.651	-3.363	-2.184	-1.171	-0.286	0.564
1701	17.00	1.469	2.465	3.515	4.520	5.359	5.921	6.135	5.978	5.469	4.656
1711	17.10	3.609	2.422	1.216	0.128	-0.696	-1.141	-1.168	-0.740	-0.021	0.856
1721	17.20	1.728	2.473	3.039	3.444	3.753	4.031	4.311	4.567	4.720	4.674
1731	17.30	4.348	3.719	2.831	1.790	0.739	-0.183	-0.871	-1.274	-1.408	-1.309
1741	17.40	-1.087	-0.833	-0.627	-0.523	-0.538	-0.655	-0.832	-1.025	-1.200	-1.348
1751	17.50	-1.489	-1.660	-1.895	-2.208	-2.580	-2.966	-3.304	-3.555	-3.695	-3.746
1761	17.60	-3.751	-3.750	-3.755	-3.733	-3.606	-3.279	-2.668	-1.745	-0.559	0.767
1771	17.70	2.049	3.091	3.729	3.871	3.521	2.773	1.786	0.737	-0.226	-1.023
1781	17.80	-1.669	-2.161	-2.631	-3.101	-3.547	-3.875	-3.951	-3.656	-2.944	-1.879
1791	17.90	-0.623	0.605	1.603	2.250	2.546	2.598	2.575	2.637	2.884	3.320
1801	18.00	3.871	4.613	4.817	4.976	4.823	4.327	3.495	2.369	1.036	-0.369
1811	18.10	-1.681	-2.730	-3.393	-3.632	-3.508	-3.164	-2.769	-2.460	-2.295	-2.241
1821	18.20	-2.202	-2.072	-1.789	-1.359	-0.851	-0.371	-0.013	0.163	0.164	-0.067
1831	18.30	-0.365	-0.755	-1.150	-1.473	-1.658	-1.578	-1.267	-0.747	-0.124	0.658
1841	18.40	0.881	1.098	1.164	1.213	1.397	1.806	2.417	3.085	3.595	3.752
1851	18.50	3.459	2.763	1.832	0.889	0.122	-0.373	-0.619	-0.720	-0.796	-0.932
1861	18.60	-1.140	-1.369	-1.541	-1.589	-1.484	-1.259	-0.891	-0.494	-0.101	0.229
1871	18.70	0.436	0.460	0.266	-0.134	-0.669	-1.219	-1.651	-1.868	-1.856	-1.686
1881	18.80	-1.490	-1.397	-1.476	-1.659	-1.949	-2.066	-1.903	-1.393	-0.549	0.567
1891	18.90	1.783	3.053	4.276	5.388	6.324	7.009	7.370	7.359	6.991	6.365
1901	19.00	5.549	4.725	3.936	3.182	2.311	1.277	0.009	-1.442	-2.915	-4.193
1911	19.10	-5.086	-5.492	-5.650	-5.091	-4.581	-4.039	-3.692	-2.885	-2.134	-1.203
1921	19.20	-0.159	0.837	1.577	1.897	1.749	1.223	0.519	-0.138	-0.586	-0.776
1931	19.30	-0.772	-0.702	-0.685	-0.763	-0.897	-0.987	-0.937	-0.712	-0.360	0.003
1941	19.40	0.245	0.275	0.082	-0.267	-0.658	-0.981	-1.161	-1.185	-1.078	-0.884
1951	19.50	-0.638	-0.351	-0.020	0.355	0.758	1.149	1.481	1.711	1.820	1.813
1961	19.60	1.714	1.549	1.341	1.106	0.862	0.643	0.497	0.478	0.615	0.899
1971	19.70	1.261	1.589	1.759	1.669	1.279	0.620	-0.223	-1.135	-2.015	-2.794
1981	19.80	-3.441	-3.947	-4.310	-4.511	-4.523	-4.323	-3.913	-3.337	-2.672	-2.014
1991	19.90	-1.446	-1.010	-0.708	-0.494	-0.327	-0.168	-0.010	0.134	0.245	0.323

Table 7--47—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.391	0.490	0.657	0.994	1.161	1.384	1.480	1.400	1.153	0.804
2011	20.10	0.449	0.170	-0.008	-0.126	-0.271	-0.524	-0.906	-1.337	-1.657	-1.668
2021	20.20	-1.216	-0.259	1.093	2.606	3.985	4.965	5.386	5.232	4.615	3.721
2031	20.30	2.751	1.858	1.124	0.562	0.140	-0.197	-0.506	-0.836	-1.219	-1.668
2041	20.40	-2.164	-2.456	-3.051	-3.256	-3.191	-2.823	-2.176	-1.338	-0.412	0.505
2051	20.50	1.352	2.097	2.722	3.197	3.462	3.469	3.109	2.456	1.576	0.627
2061	20.60	-0.231	-0.884	-1.313	-1.589	-1.831	-2.137	-2.532	-2.946	-3.257	-3.356
2071	20.70	-3.213	-2.898	-2.550	-2.302	-2.208	-2.199	-2.115	-1.776	-1.086	-0.093
2081	20.80	1.005	1.938	2.466	2.472	2.026	1.326	0.627	0.130	-0.088	-0.080
2091	20.90	0.012	0.047	-0.053	-0.271	-0.519	-0.692	-0.721	-0.606	-0.399	-0.169
2101	21.00	0.038	0.228	0.448	0.755	1.176	1.685	2.215	2.672	3.002	3.197
2111	21.10	3.312	3.433	3.638	3.951	4.316	4.607	4.662	4.340	3.573	2.404
2121	21.20	0.982	-0.466	-1.696	-2.518	-2.840	-2.696	-2.223	-1.618	-1.075	-0.726
2131	21.30	-0.620	-0.715	-0.916	-1.113	-1.216	-1.184	-1.018	-0.753	-0.442	-0.133
2141	21.40	0.130	0.314	0.401	0.387	0.287	0.134	-0.029	-0.165	-0.256	-0.313
2151	21.50	-0.362	-0.434	-0.540	-0.662	-0.757	-0.784	-0.725	-0.613	-0.521	-0.538
2161	21.60	-0.729	-1.100	-1.591	-2.099	-2.513	-2.765	-2.851	-2.819	-2.737	-2.647
2171	21.70	-2.528	-2.302	-1.865	-1.140	-0.126	1.077	2.288	3.291	3.900	4.014
2181	21.80	3.647	2.917	2.012	1.136	0.455	0.060	-0.059	0.044	0.211	0.315
2191	21.90	0.257	0.004	-0.397	-0.847	-1.228	-1.454	-1.508	-1.441	-1.358	-1.357
2201	22.00	-1.490	-1.725	-1.958	-2.058	-1.924	-1.538	-0.974	-0.378	0.105	0.386
2211	22.10	0.480	0.699	0.603	0.928	1.523	2.326	3.183	3.909	4.356	4.462
2221	22.20	4.265	3.865	3.381	2.898	2.444	2.000	1.530	1.019	0.491	-0.001
2231	22.30	-0.398	-0.670	-0.839	-0.964	-1.119	-1.351	-1.652	-1.959	-2.178	-2.227
2241	22.40	-2.075	-1.750	-1.348	-0.976	-0.723	-0.626	-0.668	-0.798	-0.961	-1.124
2251	22.50	-1.294	-1.497	-1.758	-2.077	-2.418	-2.716	-2.906	-2.942	-2.818	-2.561
2261	22.60	-2.214	-1.815	-1.378	-0.894	-0.344	0.284	0.980	1.706	2.407	3.026
2271	22.70	3.521	3.868	4.065	4.122	4.057	3.891	3.651	3.363	3.044	2.694
2281	22.80	2.289	1.782	1.124	0.296	-0.669	-1.672	-2.567	-3.209	-3.503	-3.445
2291	22.90	-3.133	-2.726	-2.389	-2.224	-2.235	-2.353	-2.386	-2.281	-1.982	-1.547
2301	23.00	-1.099	-0.774	-0.655	-0.741	-0.950	-1.160	-1.266	-1.223	-1.053	-0.828
2311	23.10	-0.629	-0.506	-0.467	-0.484	-0.518	-0.549	-0.575	-0.609	-0.651	-0.674
2321	23.20	-0.621	-0.431	-0.065	0.467	1.099	1.735	2.281	2.680	2.925	3.054
2331	23.30	3.121	3.161	3.177	3.141	3.022	2.810	2.530	2.241	2.002	1.845
2341	23.40	1.755	1.673	1.525	1.262	0.888	0.471	0.113	-0.087	-0.079	0.113
2351	23.50	0.401	0.659	0.776	0.691	0.413	0.007	-0.434	-0.828	-1.133	-1.352
2361	23.60	-1.522	-1.687	-1.879	-2.098	-2.319	-2.501	-2.604	-2.605	-2.494	-2.276
2371	23.70	-1.957	-1.543	-1.044	-0.475	0.125	0.697	1.166	1.463	1.545	1.417
2381	23.80	1.131	0.777	0.450	0.216	0.095	0.054	0.030	-0.041	-0.189	-0.395
2391	23.90	-0.602	-0.737	-0.755	-0.655	-0.490	-0.340	-0.277	-0.329	-0.466	-0.607
2401	24.00	-0.657	-0.544	-0.248	0.189	0.687	1.155	1.525	1.766	1.882	1.900
2411	24.10	1.867	1.739	1.587	1.399	1.188	0.974	0.768	0.569	0.354	0.093
2421	24.20	-0.228	-0.592	-0.933	-1.157	-1.169	-0.920	-0.427	0.217	0.880	1.428
2431	24.30	1.775	1.900	1.842	1.660	1.401	1.071	0.663	0.087	-0.596	-1.335
2441	24.40	-2.019	-2.508	-2.701	-2.573	-2.196	-1.706	-1.265	-1.000	-0.952	-1.080
2451	24.50	-1.283	-1.449	-1.499	-1.413	-1.227	-1.005	-0.801	-0.642	-0.519	-0.400
2461	24.60	-0.260	-0.104	0.036	0.108	0.068	-0.086	-0.304	-0.488	-0.516	-0.285
2471	24.70	0.256	1.079	2.077	3.089	3.941	4.489	4.657	4.453	3.963	3.320
2481	24.80	2.661	2.091	1.653	1.326	1.043	0.721	0.302	-0.222	-0.804	-1.356
2491	24.90	-1.776	-2.004	-2.023	-1.881	-1.665	-1.473	-1.373	-1.385	-1.477	-1.588

Table 7—47—6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.660	-1.661	-1.604	-1.529	-1.482	-1.489	-1.561	-1.602	-1.630	-1.604
2511	25.10	-1.535	-1.465	-1.436	-1.465	-1.525	-1.553	-1.478	-1.258	-0.907	-0.495
2521	25.20	-0.115	0.156	0.294	0.341	0.373	0.460	0.626	0.852	0.996	1.048
2531	25.30	0.971	0.825	0.726	0.788	1.066	1.519	2.023	2.427	2.630	2.633
2541	25.40	2.549	2.548	2.776	3.274	3.942	4.569	4.900	4.741	4.021	2.819
2551	25.50	1.325	-0.227	-1.633	-2.769	-3.592	-4.129	-4.432	-4.555	-4.538	-4.406
2561	25.60	-4.176	-3.852	-3.424	-2.870	-2.160	-1.280	-0.260	0.813	1.802	2.555
2571	25.70	2.954	2.958	2.624	2.082	1.488	0.965	0.560	0.242	-0.074	-0.473
2581	25.80	-1.000	-1.637	-2.311	-2.932	-3.419	-3.727	-3.866	-3.789	-3.574	-3.215
2591	25.90	-2.728	-2.141	-1.507	-0.892	-0.365	0.026	0.277	0.422	0.523	0.643
2601	26.00	0.823	1.048	1.357	1.656	1.935	2.174	2.363	2.496	2.556	2.525
2611	26.10	2.388	2.154	1.858	1.562	1.339	1.249	1.316	1.526	1.827	2.147
2621	26.20	2.416	2.579	2.605	2.481	2.206	1.785	1.226	0.543	-0.245	-1.108
2631	26.30	-2.009	-2.902	-3.738	-4.463	-5.020	-5.358	-5.440	-5.251	-4.813	-4.180
2641	26.40	-3.429	-2.644	-1.887	-1.189	-0.566	0.066	0.665	1.245	1.765	2.162
2651	26.50	2.373	2.371	2.180	1.874	1.558	1.329	1.262	1.290	1.416	1.537
2661	26.60	1.586	1.537	1.419	1.294	1.223	1.238	1.323	1.419	1.462	1.411
2671	26.70	1.280	1.131	1.048	1.087	1.238	1.414	1.471	1.262	0.702	-0.190
2681	26.80	-1.279	-2.357	-3.202	-3.657	-3.668	-3.300	-2.698	-2.031	-1.439	-0.996
2691	26.90	-0.710	-0.544	-0.445	-0.376	-0.316	-0.253	-0.176	-0.066	0.095	0.308
2701	27.00	0.565	0.744	0.829	0.737	0.443	-0.019	-0.569	-1.105	-1.535	-1.802
2711	27.10	-1.887	-1.803	-1.577	-1.231	-0.783	-0.253	0.329	0.915	1.466	1.876
2721	27.20	2.179	2.364	2.459	2.494	2.484	2.416	2.268	2.031	1.731	1.434
2731	27.30	1.224	1.168	1.271	1.463	1.617	1.595	1.314	0.781	0.103	-0.552
2741	27.40	-1.024	-1.222	-1.157	-0.925	-0.665	-0.486	-0.429	-0.458	-0.487	-0.435
2751	27.50	-0.269	-0.018	0.241	0.425	0.487	0.434	0.317	0.202	0.133	0.117
2761	27.60	0.125	0.119	0.080	0.016	-0.042	-0.062	-0.037	0.011	0.041	0.018
2771	27.70	-0.063	-0.170	-0.251	-0.263	-0.202	-0.109	-0.049	-0.079	-0.204	-0.375
2781	27.80	-0.503	-0.512	-0.384	-0.188	-0.062	-0.155	-0.555	-1.261	-2.066	-2.806
2791	27.90	-3.242	-3.264	-2.823	-2.130	-1.397	-0.853	-0.637	-0.762	-1.116	-1.520
2801	28.00	-1.796	-1.821	-1.575	-1.110	-0.532	0.052	0.563	0.962	1.249	1.446
2811	28.10	1.575	1.668	1.750	1.843	1.966	2.127	2.311	2.486	2.605	2.630
2821	28.20	2.550	2.391	2.213	2.090	2.073	2.163	2.301	2.379	2.276	1.906
2831	28.30	1.251	0.375	-0.593	-1.498	-2.209	-2.651	-2.825	-2.789	-2.634	-2.444
2841	28.40	-2.278	-2.157	-2.075	-2.014	-1.956	-1.887	-1.799	-1.680	-1.515	-1.293
2851	28.50	-1.010	-0.675	-0.311	0.056	0.408	0.739	1.054	1.355	1.630	1.848
2861	28.60	1.966	1.966	1.851	1.677	1.521	1.450	1.477	1.563	1.524	1.284
2871	28.70	0.739	-0.091	-1.068	-1.982	-2.622	-2.868	-2.738	-2.377	-1.999	-1.791
2881	28.80	-1.835	-2.079	-2.373	-2.548	-2.494	-2.212	-1.806	-1.419	-1.164	-1.061
2891	28.90	-1.035	-0.956	-0.711	-0.260	0.341	0.968	1.489	1.819	1.950	1.936
2901	29.00	1.853	1.752	1.636	1.460	1.193	0.828	0.420	0.062	-0.151	-0.170
2911	29.10	-0.015	0.234	0.475	0.629	0.676	0.669	0.613	0.620	0.682	0.766
2921	29.20	0.821	0.806	0.719	0.594	0.483	0.413	0.368	0.287	0.094	-0.256
2931	29.30	-0.765	-1.283	-1.730	-1.956	-1.883	-1.524	-0.975	-0.379	0.126	0.458
2941	29.40	0.607	0.627	0.596	0.579	0.593	0.607	0.564	0.413	0.142	-0.205
2951	29.50	-0.545	-0.782	-0.845	-0.720	-0.455	-0.139	0.126	0.269	0.274	0.174
2961	29.60	0.039	-0.062	-0.092	-0.055	0.010	0.056	0.054	0.009	-0.049	-0.080
2971	29.70	-0.068	-0.029	-0.007	-0.054	-0.190	-0.393	-0.600	-0.760	-0.764	-0.678
2981	29.80	-0.542	-0.435	-0.415	-0.480	-0.561	-0.551	-0.355	0.057	0.634	1.257
2991	29.90	1.798	2.172	2.378	2.489	2.607	2.805	3.078	3.338	3.455	3.316

Table 7—47—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	2.889	2.238	1.506	0.857	0.413	0.217	0.231	0.372	0.559	0.761
3011	30.10	0.912	1.083	1.253	1.394	1.451	1.371	1.130	0.755	0.313	-0.113
3021	30.20	-0.463	-0.723	-0.919	-1.100	-1.304	-1.541	-1.796	-2.037	-2.260	-2.482
3031	30.30	-2.738	-3.051	-3.404	-3.728	-3.917	-3.876	-3.550	-2.973	-2.241	-1.486
3041	30.40	-0.821	-0.297	0.105	0.454	0.825	1.256	1.729	2.177	2.526	2.722
3051	30.50	2.765	2.699	2.591	2.496	2.434	2.387	2.320	2.198	2.011	1.772
3061	30.60	1.510	1.245	0.982	0.705	0.396	0.052	-0.306	-0.638	-0.897	-1.055
3071	30.70	-1.122	-1.139	-1.169	-1.271	-1.479	-1.797	-2.200	-2.647	-3.097	-3.512
3081	30.80	-3.854	-4.083	-4.159	-4.044	-3.729	-3.242	-2.656	-2.073	-1.593	-1.282
3091	30.90	-1.143	-1.122	-1.128	-1.074	-0.914	-0.657	-0.359	-0.086	0.118	0.253
3101	31.00	0.352	0.460	0.588	0.704	0.739	0.625	0.348	-0.024	-0.344	-0.660
3111	31.10	-0.181	0.453	1.351	2.298	3.055	3.446	3.425	3.087	2.617	2.206
3121	31.20	1.971	1.907	1.905	1.811	1.500	0.936	0.183	-0.629	-1.366	-1.938
3131	31.30	-2.323	-2.554	-2.676	-2.708	-2.628	-2.389	-1.958	-1.348	-0.638	0.052
3141	31.40	0.604	0.946	1.082	1.085	1.063	1.110	1.269	1.520	1.793	2.003
3151	31.50	2.086	2.021	1.831	1.572	1.306	1.088	0.944	0.878	0.865	0.864
3161	31.60	0.828	0.716	0.506	0.210	-0.129	-0.439	-0.646	-0.695	-0.574	-0.313
3171	31.70	0.025	0.373	0.681	0.933	1.140	1.319	1.475	1.582	1.598	1.479
3181	31.80	1.209	0.817	0.372	-0.037	-0.333	-0.481	-0.500	-0.447	-0.398	-0.618
3191	31.90	-0.537	-0.752	-1.031	-1.328	-1.604	-1.827	-1.981	-2.062	-2.074	-2.033
3201	32.00	-1.958	-1.876	-1.806	-1.758	-1.730	-1.705	-1.666	-1.604	-1.520	-1.426
3211	32.10	-1.536	-1.252	-1.161	-1.042	-0.874	-0.655	-0.405	-0.158	0.051	0.206
3221	32.20	0.319	0.421	0.562	0.690	0.841	0.963	0.943	0.811	0.563	0.251
3231	32.30	-0.058	-0.312	-0.506	-0.672	-0.862	-1.107	-1.389	-1.634	-1.736	-1.604
3241	32.40	-1.209	-0.601	0.099	0.744	1.216	1.473	1.553	1.560	1.611	1.793
3251	32.50	2.131	2.590	3.101	3.586	3.995	4.306	4.514	4.632	4.653	4.565
3261	32.60	4.355	4.020	3.582	3.079	2.556	2.046	1.560	1.087	0.607	0.106
3271	32.70	-0.413	-0.920	-1.376	-1.742	-1.996	-2.161	-2.199	-2.205	-2.191	-2.177
3281	32.80	-2.169	-2.163	-2.146	-2.109	-2.043	-1.947	-1.824	-1.681	-1.532	-1.389
3291	32.90	-1.265	-1.163	-1.079	-0.998	-0.902	-0.779	-0.630	-0.469	-0.321	-0.206
3301	33.00	-0.131	-0.079	-0.014	0.108	0.318	0.624	1.000	1.399	1.762	2.039
3311	33.10	2.201	2.239	2.164	1.992	1.742	1.436	1.090	0.734	0.395	0.095
3321	33.20	-0.157	-0.373	-0.581	-0.810	-1.074	-1.360	-1.630	-1.829	-1.916	-1.879
3331	33.30	-1.743	-1.560	-1.582	-1.234	-1.103	-0.943	-0.706	-0.375	0.016	0.378
3341	33.40	0.599	0.589	0.318	-0.162	-0.734	-1.256	-1.610	-1.749	-1.701	-1.555
3351	33.50	-1.417	-1.368	-1.439	-1.604	-1.803	-1.969	-2.055	-2.039	-1.922	-1.715
3361	33.60	-1.423	-1.051	-0.607	-0.116	0.373	0.797	1.094	1.226	1.195	1.042
3371	33.70	0.829	0.620	0.452	0.327	0.216	0.086	-0.088	-0.291	-0.480	-0.594
3381	33.80	-0.576	-0.402	-0.089	0.308	0.712	1.049	1.268	1.355	1.326	1.220
3391	33.90	1.080	0.942	0.825	0.733	0.661	0.601	0.548	0.498	0.452	0.404
3401	34.00	0.351	0.288	0.211	0.127	0.047	-0.011	-0.031	-0.006	0.061	0.154
3411	34.10	0.251	0.333	0.388	0.417	0.432	0.448	0.478	0.525	0.583	0.639
3421	34.20	0.676	0.684	0.660	0.613	0.558	0.514	0.501	0.533	0.623	0.720
3431	34.30	0.966	1.189	1.408	1.582	1.667	1.631	1.458	1.157	0.756	0.302
3441	34.40	-0.158	-0.582	-0.946	-1.237	-1.461	-1.623	-1.726	-1.769	-1.751	-1.675
3451	34.50	-1.559	-1.429	-1.317	-1.251	-1.238	-1.266	-1.300	-1.299	-1.234	-1.096
3461	34.60	-0.903	-0.693	-0.509	-0.378	-0.305	-0.271	-0.244	-0.195	-0.107	0.014
3471	34.70	0.154	0.299	0.445	0.602	0.785	1.003	1.244	1.475	1.656	1.760
3481	34.80	1.786	1.770	1.767	1.833	1.989	2.209	2.420	2.533	2.476	2.223
3491	34.90	1.810	1.321	0.851	0.474	0.216	0.053	-0.068	-0.195	-0.348	-0.509

Table 7—47—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.634	-0.682	-0.636	-0.521	-0.389	-0.296	-0.278	-0.330	-0.412	-0.467
3511	35.10	-0.453	-0.360	-0.218	-0.083	-0.012	-0.041	-0.167	-0.358	-0.569	-0.761
3521	35.20	-0.920	-1.053	-1.182	-1.326	-1.486	-1.643	-1.757	-1.835	-1.840	-1.801
3531	35.30	-1.754	-1.734	-1.753	-1.794	-1.810	-1.736	-1.521	-1.149	-0.651	-0.100
3541	35.40	0.408	0.786	0.986	1.010	0.915	0.777	0.680	0.672	0.757	0.899
3551	35.50	1.040	1.126	1.128	1.052	0.928	0.794	0.682	0.600	0.540	0.484
3561	35.60	0.420	0.368	0.284	0.245	0.241	0.268	0.307	0.336	0.336	0.304
3571	35.70	0.269	0.189	0.137	0.095	0.052	-0.004	-0.085	-0.191	-0.312	-0.433
3581	35.80	-0.545	-0.645	-0.742	-0.842	-0.947	-1.044	-1.116	-1.145	-1.123	-1.044
3591	35.90	-0.994	-0.943	-0.932	-0.962	-1.017	-1.063	-1.072	-1.022	-0.913	-0.755
3601	36.00	-0.568	-0.371	-0.185	-0.024	0.094	0.159	0.169	0.139	0.105	0.117
3611	36.10	0.221	0.445	0.777	1.174	1.570	1.903	2.142	2.295	2.401	2.509
3621	36.20	2.666	2.798	2.914	2.928	2.784	2.469	2.019	1.508	1.017	0.607
3631	36.30	0.300	0.079	-0.094	-0.255	-0.423	-0.594	-0.755	-0.891	-1.003	-1.104
3641	36.40	-1.208	-1.324	-1.442	-1.545	-1.616	-1.654	-1.678	-1.719	-1.803	-1.935
3651	36.50	-2.088	-2.213	-2.258	-2.195	-2.032	-1.814	-1.603	-1.450	-1.327	-1.361
3661	36.60	-1.353	-1.297	-1.158	-0.932	-0.667	-0.346	-0.056	0.203	0.441	0.678
3671	36.70	0.923	1.168	1.380	1.518	1.550	1.471	1.308	1.110	0.934	0.822
3681	36.80	0.783	0.795	0.813	0.794	0.711	0.571	0.415	0.303	0.300	0.449
3691	36.90	0.760	1.201	1.706	2.193	2.581	2.816	2.872	2.773	2.564	2.305
3701	37.00	2.046	1.815	1.611	1.409	1.177	0.889	0.543	0.163	-0.208	-0.522
3711	37.10	-0.739	-0.846	-0.852	-0.790	-0.702	-0.626	-0.582	-0.578	-0.603	-0.642
3721	37.20	-0.682	-0.715	-0.740	-0.760	-0.780	-0.800	-0.820	-0.838	-0.855	-0.871
3731	37.30	-0.891	-0.916	-0.946	-0.980	-1.013	-1.044	-1.073	-1.104	-1.140	-1.184
3741	37.40	-1.233	-1.280	-1.319	-1.366	-1.363	-1.377	-1.400	-1.436	-1.488	-1.549
3751	37.50	-1.609	-1.657	-1.685	-1.684	-1.643	-1.562	-1.358	-1.066	-0.654	-0.133
3761	37.60	0.460	1.061	1.596	2.002	2.238	2.294	2.196	1.974	1.666	1.302
3771	37.70	0.904	0.494	0.097	-0.254	-0.529	-0.707	-0.790	-0.804	-0.788	-0.784
3781	37.80	-0.813	-0.872	-0.939	-0.984	-0.988	-0.948	-0.879	-0.795	-0.700	-0.578
3791	37.90	-0.397	-0.133	0.221	0.638	1.068	1.457	1.765	1.986	2.142	2.266
3801	38.00	2.374	2.451	2.452	2.326	2.031	1.590	1.065	0.554	0.155	-0.078
3811	38.10	-0.144	-0.110	-0.065	-0.093	-0.234	-0.473	-0.751	-0.989	-1.119	-1.109
3821	38.20	-0.967	-0.731	-0.455	-0.185	0.049	0.239	0.393	0.527	0.663	0.816
3831	38.30	0.996	1.202	1.421	1.628	1.789	1.868	1.834	1.688	1.374	0.972
3841	38.40	0.505	0.026	-0.405	-0.735	-0.928	-0.968	-0.871	-0.673	-0.427	-0.189
3851	38.50	0.002	0.128	0.192	0.211	0.204	0.177	0.127	0.042	-0.083	-0.238
3861	38.60	-0.400	-0.543	-0.659	-0.766	-0.912	-1.154	-1.525	-2.011	-2.533	-2.972
3871	38.70	-3.200	-3.132	-2.761	-2.168	-1.495	-0.891	-0.466	-0.239	-0.161	-0.124
3881	38.80	-0.022	0.206	0.551	0.940	1.272	1.663	1.476	1.338	1.123	0.919
3891	38.90	0.793	0.770	0.827	0.915	0.974	0.977	0.923	0.861	0.771	0.745
3901	39.00	0.769	0.822	0.871	0.884	0.847	0.775	0.700	0.657	0.666	0.719
3911	39.10	0.786	0.826	0.810	0.733	0.615	0.491	0.390	0.316	0.247	0.150
3921	39.20	0.000	-0.193	-0.386	-0.514	-0.529	-0.428	-0.272	-0.170	-0.238	-0.546
3931	39.30	-1.082	-1.743	-2.369	-2.803	-2.944	-2.785	-2.604	-1.926	-1.468	-1.093
3941	39.40	-0.800	-0.539	-0.257	0.074	0.437	0.782	1.062	1.255	1.380	1.486
3951	39.50	1.616	1.789	1.985	2.157	2.268	2.307	2.304	2.310	2.366	2.470
3961	39.60	2.570	2.582	2.432	2.091	1.602	1.057	0.565	0.200	-0.027	-0.170
3971	39.70	-0.316	-0.536	-0.847	-1.214	-1.584	-1.829	-1.987	-2.076	-2.174	-2.357
3981	39.80	-2.659	-3.067	-3.433	-3.704	-3.773	-3.615	-3.271	-2.833	-2.404	-2.063
3991	39.90	-1.836	-1.703	-1.612	-1.508	-1.356	-1.152	-0.917	-0.686	-0.490	-0.347

Table 7—47—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.254	-0.190	-0.126	-0.033	0.105	0.289	0.495	0.686	0.819	0.862
4011	40.10	0.802	0.655	0.459	0.257	0.087	-0.032	-0.103	-0.141	-0.161	-0.170
4021	40.20	-0.164	-0.140	-0.097	-0.048	-0.013	-0.007	-0.028	-0.055	-0.052	0.012
4031	40.30	0.146	0.322	0.494	0.611	0.649	0.625	0.590	0.604	0.703	0.879
4041	40.40	1.073	1.209	1.227	1.114	0.918	0.722	0.611	0.629	0.767	0.970
4051	40.50	1.176	1.352	1.514	1.717	2.018	2.433	2.916	3.359	3.630	3.633
4061	40.60	3.340	2.814	2.176	1.564	1.076	0.743	0.524	0.343	0.123	-0.177
4071	40.70	-0.553	-0.965	-1.352	-1.677	-1.920	-2.083	-2.176	-2.209	-2.181	-2.085
4081	40.80	-1.913	-1.667	-1.354	-0.989	-0.589	-0.166	0.264	0.684	1.072	1.401
4091	40.90	1.651	1.811	1.883	1.881	1.817	1.700	1.529	1.297	1.007	0.676
4101	41.00	0.337	0.027	-0.226	-0.424	-0.593	-0.778	-1.013	-1.302	-1.609	-1.865
4111	41.10	-1.996	-1.955	-1.750	-1.436	-1.101	-0.831	-0.672	-0.616	-0.613	-0.596
4121	41.20	-0.507	-0.345	-0.148	0.013	0.067	-0.028	-0.270	-0.614	-0.991	-1.335
4131	41.30	-1.597	-1.758	-1.823	-1.806	-1.723	-1.584	-1.398	-1.178	-0.967	-0.735
4141	41.40	-0.570	-0.466	-0.416	-0.391	-0.352	-0.267	-0.123	0.062	0.251	0.403
4151	41.50	0.493	0.526	0.536	0.572	0.672	0.844	1.051	1.226	1.290	1.189
4161	41.60	0.911	0.501	0.001	-0.359	-0.629	-0.726	-0.665	-0.499	-0.300	-0.132
4171	41.70	-0.027	0.018	0.053	0.063	0.146	0.302	0.520	0.768	1.002	1.174
4181	41.80	1.251	1.219	1.090	0.894	0.673	0.465	0.293	0.162	0.058	-0.063
4191	41.90	-0.160	-0.298	-0.445	-0.576	-0.660	-0.673	-0.605	-0.462	-0.255	-0.003
4201	42.00	0.282	0.588	0.903	1.210	1.483	1.703	1.843	1.900	1.882	1.811
4211	42.10	1.711	1.600	1.487	1.369	1.240	1.096	0.941	0.784	0.634	0.493
4221	42.20	0.359	0.223	0.080	-0.072	-0.227	-0.375	-0.512	-0.644	-0.780	-0.928
4231	42.30	-1.088	-1.248	-1.386	-1.483	-1.535	-1.559	-1.582	-1.635	-1.733	-1.864
4241	42.40	-1.998	-2.101	-2.150	-2.148	-2.122	-2.101	-2.101	-2.104	-2.068	-1.941
4251	42.50	-1.689	-1.319	-0.879	-0.438	-0.055	0.246	0.489	0.731	1.023	1.382
4261	42.60	1.713	2.115	2.322	2.336	2.159	1.854	1.523	1.261	1.122	1.100
4271	42.70	1.143	1.181	1.159	1.065	0.924	0.781	0.678	0.628	0.614	0.601
4281	42.80	0.557	0.471	0.355	0.239	0.148	0.096	0.069	0.042	-0.010	-0.098
4291	42.90	-0.213	-0.328	-0.413	-0.450	-0.437	-0.390	-0.336	-0.296	-0.280	-0.286
4301	43.00	-0.302	-0.314	-0.314	-0.303	-0.289	-0.279	-0.278	-0.287	-0.300	-0.309
4311	43.10	-0.308	-0.296	-0.274	-0.243	-0.207	-0.165	-0.118	-0.066	-0.011	0.041
4321	43.20	0.084	0.111	0.116	0.097	0.059	0.007	-0.051	-0.104	-0.148	-0.179
4331	43.30	-0.199	-0.210	-0.218	-0.226	-0.235	-0.246	-0.256	-0.265	-0.271	-0.273
4341	43.40	-0.274	-0.272	-0.269	-0.264	-0.259	-0.252	-0.247	-0.241	-0.235	-0.222
4351	43.50	-0.194	-0.145	-0.069	0.027	0.132	0.225	0.285	0.293	0.244	0.146
4361	43.60	0.017	-0.118	-0.236	-0.316	-0.358	-0.363	-0.339	-0.299	-0.247	-0.193
4371	43.70	-0.142	-0.100	-0.070	-0.057	-0.057	-0.060	-0.069	-0.008	0.073	0.192
4381	43.80	0.333	0.467	0.565	0.604	0.571	0.467	0.302	0.092	-0.148	-0.402
4391	43.90	-0.646	-0.850	-0.974	-0.980	-0.842	-0.562	-0.177	0.244	0.618	0.873
4401	44.00	0.971	0.918	0.762	0.571	0.410	0.318	0.296	0.319	0.346	0.348
4411	44.10	0.314	0.256	0.196	0.157	0.147	0.157	0.172	0.177	0.164	0.141
4421	44.20	0.119	0.108	0.109	0.115	0.114	0.099	0.072	0.044	0.027	0.029
4431	44.30	0.043	0.055	0.050	0.019	-0.029	-0.073	-0.087	-0.052	0.033	0.154
4441	44.40	0.283	0.396	0.483	0.554	0.627	0.721	0.839	0.958	1.039	1.033
4451	44.50	0.903	0.639	0.268	-0.157	-0.566	-0.895	-1.102	-1.176	-1.139	-1.032
4461	44.60	-0.907	-0.807	-0.756	-0.758	-0.795	-0.842	-0.872	-0.870	-0.832	-0.764
4471	44.70	-0.680	-0.592	-0.507	-0.426	-0.366	-0.267	-0.194	-0.132	-0.084	-0.047
4481	44.80	-0.010	0.044	0.130	0.250	0.392	0.535	0.655	0.740	0.795	0.861
4491	44.90	0.906	1.006	1.136	1.266	1.353	1.358	1.262	1.077	0.844	0.609

Table 7—47—10 TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.411	0.266	0.160	0.069	-0.033	-0.154	-0.279	-0.381	-0.433	-0.423
4511	45.10	-0.362	-0.280	-0.213	-0.183	-0.198	-0.240	-0.287	-0.317	-0.319	-0.302
4521	45.20	-0.279	-0.267	-0.273	-0.294	-0.319	-0.337	-0.342	-0.336	-0.327	-0.323
4531	45.30	-0.327	-0.339	-0.355	-0.367	-0.375	-0.378	-0.377	-0.373	-0.365	-0.350
4541	45.40	-0.328	-0.302	-0.277	-0.257	-0.244	-0.238	-0.232	-0.221	-0.203	-0.181
4551	45.50	-0.160	-0.146	-0.141	-0.139	-0.132	-0.114	-0.084	-0.051	-0.028	-0.030
4561	45.60	-0.059	-0.110	-0.167	-0.213	-0.240	-0.251	-0.262	-0.291	-0.351	-0.441
4571	45.70	-0.548	-0.650	-0.728	-0.777	-0.804	-0.827	-0.864	-0.918	-0.980	-1.025
4581	45.80	-1.026	-0.966	-0.844	-0.679	-0.500	-0.337	-0.212	-0.126	-0.068	-0.018
4591	45.90	0.045	0.131	0.241	0.366	0.491	0.599	0.678	0.724	0.735	0.718
4601	46.00	0.680	0.634	0.592	0.563	0.556	0.575	0.621	0.693	0.788	0.902
4611	46.10	1.030	1.166	1.296	1.405	1.477	1.499	1.468	1.392	1.287	1.177
4621	46.20	1.083	1.016	0.927	0.857	0.841	0.916	0.877	0.825	0.768	0.716
4631	46.30	0.670	0.634	0.601	0.565	0.520	0.467	0.408	0.351	0.299	0.255
4641	46.40	0.215	0.176	0.133	0.084	0.032	-0.022	-0.073	-0.120	-0.163	-0.205
4651	46.50	-0.249	-0.296	-0.346	-0.398	-0.449	-0.497	-0.542	-0.586	-0.631	-0.678
4661	46.60	-0.728	-0.779	-0.830	-0.875	-0.912	-0.936	-0.949	-0.954	-0.959	-0.972
4671	46.70	-1.002	-1.049	-1.107	-1.160	-1.188	-1.171	-1.098	-0.970	-0.805	-0.629
4681	46.80	-0.468	-0.364	-0.261	-0.205	-0.153	-0.074	0.054	0.236	0.461	0.700
4691	46.90	0.913	1.068	1.140	1.125	1.040	0.915	0.785	0.682	0.622	0.606
4701	47.00	0.616	0.631	0.630	0.602	0.551	0.491	0.440	0.411	0.403	0.404
4711	47.10	0.400	0.375	0.328	0.268	0.213	0.178	0.166	0.169	0.167	0.144
4721	47.20	0.092	0.022	-0.065	-0.083	-0.077	-0.031	0.037	0.102	0.145	0.163
4731	47.30	0.167	0.177	0.209	0.242	0.319	0.359	0.367	0.345	0.313	0.300
4741	47.40	0.323	0.383	0.453	0.499	0.490	0.418	0.305	0.189	0.104	0.060
4751	47.50	0.033	-0.025	-0.159	-0.391	-0.699	-1.022	-1.287	-1.436	-1.455	-1.379
4761	47.60	-1.278	-1.223	-1.258	-1.378	-1.537	-1.669	-1.720	-1.669	-1.536	-1.367
4771	47.70	-1.213	-1.108	-1.056	-1.039	-1.026	-0.994	-0.933	-0.851	-0.764	-0.687
4781	47.80	-0.628	-0.586	-0.559	-0.545	-0.545	-0.560	-0.587	-0.615	-0.633	-0.629
4791	47.90	-0.604	-0.568	-0.540	-0.535	-0.562	-0.603	-0.633	-0.623	-0.553	-0.419
4801	48.00	-0.238	-0.035	0.167	0.354	0.526	0.688	0.846	0.993	1.112	1.183
4811	48.10	1.192	1.140	1.045	0.934	0.833	0.755	0.695	0.639	0.565	0.462
4821	48.20	0.330	0.184	0.039	-0.089	-0.197	-0.288	-0.369	-0.444	-0.510	-0.560
4831	48.30	-0.588	-0.595	-0.590	-0.587	-0.591	-0.597	-0.584	-0.523	-0.392	-0.187
4841	48.40	0.068	0.331	0.556	0.711	0.799	0.853	0.925	1.067	1.301	1.608
4851	48.50	1.935	2.208	2.361	2.361	2.216	1.971	1.687	1.419	1.199	1.029
4861	48.60	0.890	0.753	0.598	0.416	0.212	-0.003	-0.226	-0.454	-0.691	-0.931
4871	48.70	-1.155	-1.331	-1.426	-1.413	-1.292	-1.090	-0.859	-0.652	-0.511	-0.446
4881	48.80	-0.436	-0.443	-0.427	-0.363	-0.257	-0.133	-0.023	0.069	0.082	0.099
4891	48.90	0.128	0.196	0.299	0.422	0.526	0.577	0.557	0.475	0.364	0.262
4901	49.00	0.201	0.187	0.204	0.224	0.219	0.178	0.111	0.043	0.003	0.005
4911	49.10	0.043	0.096	0.136	0.138	0.108	0.062	0.033	0.051	0.133	0.276
4921	49.20	0.466	0.675	0.890	1.099	1.300	1.490	1.661	1.796	1.875	1.881
4931	49.30	1.817	1.702	1.570	1.460	1.399	1.392	1.422	1.455	1.458	1.408
4941	49.40	1.303	1.160	1.002	0.855	0.733	0.635	0.552	0.470	0.379	0.279
4951	49.50	0.172	0.065	-0.037	-0.134	-0.229	-0.325	-0.424	-0.526	-0.626	-0.724
4961	49.60	-0.818	-0.913	-1.013	-1.121	-1.233	-1.343	-1.440	-1.513	-1.555	-1.566
4971	49.70	-1.554	-1.531	-1.512	-1.509	-1.528	-1.568	-1.619	-1.670	-1.709	-1.730
4981	49.80	-1.731	-1.720	-1.706	-1.696	-1.691	-1.687	-1.675	-1.650	-1.616	-1.586
4991	49.90	-1.581	-1.617	-1.699	-1.807	-1.903	-1.941	-1.880	-1.705	-1.433	-1.107

Table 7—47—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.783	-0.505	-0.293	-0.132	0.014	0.185	0.405	0.670	0.944	1.182
5011	50.10	1.340	1.401	1.376	1.302	1.225	1.182	1.191	1.245	1.323	1.403
5021	50.20	1.467	1.569	1.532	1.540	1.536	1.513	1.467	1.396	1.301	1.202
5031	50.30	1.115	1.052	1.016	0.998	0.981	0.950	0.897	0.825	0.747	0.680
5041	50.40	0.632	0.604	0.585	0.559	0.511	0.436	0.337	0.226	0.116	0.019
5051	50.50	-0.066	-0.143	-0.222	-0.309	-0.405	-0.505	-0.600	-0.682	-0.753	-0.819
5061	50.60	-0.892	-0.982	-1.092	-1.214	-1.329	-1.414	-1.469	-1.476	-1.450	-1.242
5071	50.70	-1.128	-1.031	-0.965	-0.930	-0.915	-0.902	-0.880	-0.840	-0.788	-0.734
5081	50.80	-0.688	-0.655	-0.639	-0.628	-0.616	-0.595	-0.566	-0.527	-0.489	-0.452
5091	50.90	-0.413	-0.367	-0.305	-0.223	-0.127	-0.026	0.065	0.139	0.194	0.243
5101	51.00	0.302	0.388	0.507	0.651	0.800	0.929	1.020	1.067	1.084	1.095
5111	51.10	1.123	1.183	1.268	1.356	1.410	1.408	1.336	1.204	1.039	0.874
5121	51.20	0.734	0.630	0.557	0.497	0.432	0.352	0.259	0.160	0.065	-0.019
5131	51.30	-0.097	-0.175	-0.259	-0.351	-0.446	-0.535	-0.614	-0.685	-0.755	-0.837
5141	51.40	-0.934	-1.042	-1.147	-1.235	-1.300	-1.349	-1.403	-1.485	-1.607	-1.759
5151	51.50	-1.905	-1.997	-1.989	-1.859	-1.620	-1.313	-0.995	-0.716	-0.501	-0.350
5161	51.60	-0.239	-0.139	-0.031	0.089	0.211	0.325	0.428	0.528	0.641	0.775
5171	51.70	0.924	1.064	1.164	1.196	1.156	1.064	0.959	0.880	0.853	0.877
5181	51.80	0.926	0.968	0.978	0.948	0.894	0.840	0.806	0.798	0.806	0.809
5191	51.90	0.792	0.755	0.708	0.670	0.654	0.658	0.669	0.667	0.642	0.595
5201	52.00	0.545	0.511	0.504	0.520	0.537	0.531	0.491	0.429	0.367	0.345
5211	52.10	0.383	0.476	0.592	0.690	0.740	0.736	0.707	0.694	0.733	0.832
5221	52.20	0.961	1.067	1.095	1.014	0.835	0.600	0.363	0.162	-0.001	-0.153
5231	52.30	-0.359	-0.586	-0.889	-1.201	-1.455	-1.592	-1.586	-1.456	-1.257	-1.051
5241	52.40	-0.878	-0.740	-0.603	-0.420	-0.155	0.190	0.575	0.943	1.232	1.415
5251	52.50	1.499	1.522	1.531	1.557	1.605	1.655	1.671	1.628	1.516	1.352
5261	52.60	1.164	0.980	0.815	0.671	0.535	0.398	0.256	0.114	-0.017	-0.130
5271	52.70	-0.229	-0.325	-0.432	-0.556	-0.692	-0.823	-0.928	-0.989	-1.007	-0.997
5281	52.80	-0.983	-0.989	-1.028	-1.097	-1.176	-1.247	-1.294	-1.317	-1.328	-1.349
5291	52.90	-1.395	-1.470	-1.561	-1.644	-1.689	-1.671	-1.582	-1.428	-1.232	-1.022
5301	53.00	-0.827	-0.668	-0.553	-0.476	-0.425	-0.382	-0.334	-0.273	-0.203	-0.135
5311	53.10	-0.081	-0.051	-0.068	-0.067	-0.097	-0.126	-0.146	-0.153	-0.151	-0.146
5321	53.20	-0.142	-0.141	-0.141	-0.141	-0.138	-0.136	-0.133	-0.135	-0.141	-0.148
5331	53.30	-0.151	-0.147	-0.137	-0.126	-0.122	-0.128	-0.143	-0.160	-0.172	-0.172
5341	53.40	-0.161	-0.149	-0.144	-0.154	-0.176	-0.202	-0.217	-0.213	-0.189	-0.159
5351	53.50	-0.141	-0.155	-0.208	-0.300	-0.417	-0.546	-0.678	-0.811	-0.942	-1.065
5361	53.60	-1.165	-1.216	-1.199	-1.105	-0.953	-0.780	-0.633	-0.547	-0.529	-0.553
5371	53.70	-0.572	-0.563	-0.449	-0.312	-0.180	-0.105	-0.111	-0.177	-0.237	-0.209
5381	53.80	-0.031	0.303	0.740	1.179	1.518	1.691	1.701	1.607	1.502	1.466
5391	53.90	1.531	1.670	1.814	1.883	1.832	1.662	1.420	1.171	0.972	0.841
5401	54.00	0.763	0.701	0.626	0.531	0.442	0.396	0.421	0.522	0.667	0.809
5411	54.10	0.901	0.925	0.894	0.848	0.831	0.868	0.955	1.057	1.128	1.133
5421	54.20	1.066	0.940	0.801	0.683	0.607	0.570	0.550	0.521	0.466	0.357
5431	54.30	0.300	0.225	0.172	0.139	0.112	0.071	0.007	-0.077	-0.166	-0.236
5441	54.40	-0.281	-0.306	-0.328	-0.369	-0.444	-0.547	-0.653	-0.728	-0.740	-0.677
5451	54.50	-0.551	-0.395	-0.247	-0.135	-0.069	-0.031	0.004	0.061	0.148	0.252
5461	54.60	0.345	0.395	0.384	0.315	0.213	0.110	0.037	0.005	0.007	0.022
5471	54.70	0.023	-0.008	-0.075	-0.169	-0.275	-0.382	-0.486	-0.590	-0.700	-0.814
5481	54.80	-0.922	-1.004	-1.042	-1.023	-0.951	-0.864	-0.728	-0.630	-0.566	-0.533
5491	54.90	-0.520	-0.506	-0.478	-0.433	-0.380	-0.336	-0.321	-0.343	-0.398	-0.469

Table 7—47—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC.= -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-0.534	-0.575	-0.585	-0.571	-0.551	-0.543	-0.559	-0.599	-0.648	-0.685
5511	55.10	-0.693	-0.669	-0.624	-0.582	-0.566	-0.590	-0.646	-0.711	-0.750	-0.735
5521	55.20	-0.654	-0.517	-0.350	-0.181	-0.028	0.109	0.242	0.389	0.551	0.712
5531	55.30	0.837	0.890	0.847	0.713	0.522	0.326	0.170	0.081	0.050	0.043
5541	55.40	0.019	-0.055	-0.189	-0.373	-0.583	-0.801	-1.024	-1.257	-1.509	-1.771
5551	55.50	-2.010	-2.174	-2.209	-2.080	-1.789	-1.380	-0.926	-0.503	-0.168	0.055
5561	55.60	0.181	0.242	0.279	0.317	0.368	0.426	0.483	0.535	0.585	0.644
5571	55.70	0.721	0.822	0.947	1.094	1.257	1.431	1.606	1.767	1.894	1.963
5581	55.80	1.960	1.885	1.757	1.612	1.488	1.410	1.385	1.396	1.413	1.407
5591	55.90	1.365	1.295	1.218	1.159	1.130	1.128	1.131	1.114	1.059	0.966
5601	56.00	0.868	0.727	0.623	0.562	0.477	0.413	0.338	0.269	0.152	0.059
5611	56.10	-0.020	-0.086	-0.147	-0.215	-0.299	-0.398	-0.502	-0.595	-0.648	-0.723
5621	56.20	-0.778	-0.835	-0.924	-1.042	-1.172	-1.288	-1.358	-1.361	-1.291	-1.156
5631	56.30	-0.982	-0.797	-0.627	-0.487	-0.384	-0.312	-0.259	-0.208	-0.144	-0.053
5641	56.40	0.065	0.204	0.345	0.466	0.541	0.559	0.518	0.432	0.326	0.222
5651	56.50	0.136	0.072	0.023	-0.022	-0.070	-0.118	-0.135	-0.166	-0.134	-0.064
5661	56.60	0.035	0.143	0.243	0.325	0.386	0.434	0.476	0.513	0.542	0.553
5671	56.70	0.538	0.498	0.443	0.389	0.354	0.344	0.355	0.371	0.372	0.345
5681	56.80	0.285	0.199	0.102	0.006	-0.079	-0.153	-0.219	-0.281	-0.336	-0.376
5691	56.90	-0.394	-0.386	-0.356	-0.315	-0.278	-0.258	-0.259	-0.274	-0.294	-0.307
5701	57.00	-0.308	-0.299	-0.286	-0.277	-0.277	-0.285	-0.294	-0.299	-0.298	-0.292
5711	57.10	-0.286	-0.284	-0.288	-0.294	-0.298	-0.298	-0.293	-0.288	-0.286	-0.290
5721	57.20	-0.298	-0.306	-0.307	-0.302	-0.292	-0.283	-0.281	-0.291	-0.312	-0.341
5731	57.30	-0.375	-0.414	-0.458	-0.509	-0.563	-0.614	-0.652	-0.673	-0.681	-0.688
5741	57.40	-0.711	-0.763	-0.840	-0.921	-0.973	-0.961	-0.867	-0.700	-0.492	-0.285
5751	57.50	-0.117	-0.002	0.073	0.136	0.218	0.335	0.478	0.622	0.712	0.830
5761	57.60	0.900	0.980	1.098	1.260	1.440	1.589	1.657	1.614	1.472	1.281
5771	57.70	1.103	0.991	0.959	0.976	0.982	0.916	0.746	0.481	0.169	-0.129
5781	57.80	-0.369	-0.539	-0.666	-0.797	-0.972	-1.206	-1.475	-1.732	-1.918	-1.994
5791	57.90	-1.947	-1.793	-1.572	-1.328	-1.102	-0.922	-0.806	-0.755	-0.756	-0.778
5801	58.00	-0.774	-0.693	-0.492	-0.159	0.277	0.743	1.145	1.394	1.443	1.299
5811	58.10	1.028	0.726	0.483	0.355	0.340	0.396	0.455	0.484	0.403	0.289
5821	58.20	0.163	0.069	0.027	0.027	0.038	0.026	-0.029	-0.122	-0.226	-0.308
5831	58.30	-0.342	-0.345	-0.321	-0.305	-0.318	-0.345	-0.430	-0.488	-0.519	-0.520
5841	58.40	-0.505	-0.499	-0.523	-0.582	-0.662	-0.732	-0.761	-0.729	-0.636	-0.501
5851	58.50	-0.353	-0.214	-0.099	-0.005	0.078	0.162	0.251	0.338	0.411	0.459
5861	58.60	0.480	0.481	0.478	0.487	0.518	0.570	0.629	0.677	0.659	0.585
5871	58.70	0.439	0.573	0.503	0.445	0.406	0.387	0.381	0.377	0.364	0.338
5881	58.80	0.299	0.256	0.217	0.190	0.176	0.170	0.162	0.142	0.104	0.053
5891	58.90	0.003	-0.030	-0.030	0.006	0.071	0.149	0.221	0.273	0.305	0.324
5901	59.00	0.345	0.377	0.422	0.473	0.519	0.552	0.573	0.590	0.616	0.657
5911	59.10	0.712	0.770	0.816	0.844	0.852	0.869	0.893	0.935	0.987	1.026
5921	59.20	1.033	0.999	0.939	0.885	0.875	0.927	1.026	1.130	1.168	1.082
5931	59.30	0.851	0.897	0.882	-0.318	-0.444	-0.877	-1.041	-1.186	-1.358	-1.580
5941	59.40	-1.835	-2.078	-2.256	-2.335	-2.312	-2.215	-2.083	-1.951	-1.830	-1.705
5951	59.50	-1.543	-1.316	-1.001	-0.606	-0.152	0.329	0.802	1.232	1.589	1.842
5961	59.60	1.968	1.960	1.831	1.621	1.387	1.188	1.066	1.024	1.040	1.065
5971	59.70	1.051	0.988	0.818	0.629	0.441	0.282	0.161	0.068	-0.021	-0.121
5981	59.80	-0.230	-0.330	-0.393	-0.404	-0.362	-0.291	-0.226	-0.196	-0.202	-0.250
5991	59.90	-0.309	-0.354	-0.368	-0.354	-0.328	-0.311	-0.316	-0.345	-0.384	-0.417

Table 7—47—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	-0.433	-0.431	-0.417	-0.406	-0.406	-0.419	-0.437	-0.452	-0.455	-0.447
6011	60.10	-0.436	-0.424	-0.424	-0.436	-0.453	-0.467	-0.474	-0.470	-0.461	-0.452
6021	60.20	-0.451	-0.458	-0.471	-0.486	-0.497	-0.504	-0.508	-0.512	-0.520	-0.532
6031	60.30	-0.549	-0.566	-0.580	-0.588	-0.591	-0.590	-0.591	-0.598	-0.613	-0.636
6041	60.40	-0.682	-0.683	-0.689	-0.669	-0.617	-0.535	-0.430	-0.316	-0.210	-0.123
6051	60.50	-0.059	-0.011	0.031	0.082	0.150	0.231	0.317	0.391	0.440	0.460
6061	60.60	0.458	0.451	0.457	0.487	0.544	0.614	0.679	0.717	0.716	0.676
6071	60.70	0.608	0.531	0.462	0.410	0.374	0.348	0.321	0.287	0.246	0.204
6081	60.80	0.167	0.138	0.115	0.089	0.053	0.004	-0.054	-0.107	-0.142	-0.146
6091	60.90	-0.119	-0.067	-0.006	0.051	0.095	0.128	0.155	0.186	0.224	0.262
6101	61.00	0.288	0.287	0.247	0.171	0.067	-0.045	-0.149	-0.233	-0.293	-0.335
6111	61.10	-0.368	-0.400	-0.440	-0.489	-0.548	-0.616	-0.691	-0.766	-0.832	-0.876
6121	61.20	-0.886	-0.849	-0.771	-0.660	-0.535	-0.418	-0.326	-0.264	-0.226	-0.199
6131	61.30	-0.168	-0.120	-0.054	0.026	0.109	0.185	0.246	0.290	0.315	0.325
6141	61.40	0.321	0.308	0.290	0.271	0.259	0.257	0.265	0.281	0.298	0.309
6151	61.50	0.313	0.310	0.304	0.301	0.306	0.316	0.328	0.338	0.341	0.340
6161	61.60	0.337	0.336	0.341	0.350	0.361	0.368	0.370	0.368	0.366	0.368
6171	61.70	0.375	0.385	0.394	0.398	0.396	0.388	0.380	0.376	0.376	0.381
6181	61.80	0.386	0.386	0.382	0.375	0.370	0.369	0.373	0.379	0.383	0.382
6191	61.90	0.375	0.365	0.360	0.361	0.368	0.377	0.381	0.377	0.368	0.353
6201	62.00	0.347	0.350	0.363	0.376	0.382	0.374	0.354	0.333	0.324	0.336
6211	62.10	0.365	0.397	0.408	0.374	0.285	0.147	-0.019	-0.183	-0.319	-0.419
6221	62.20	-0.489	-0.552	-0.633	-0.745	-0.883	-1.024	-1.133	-1.177	-1.139	-1.024
6231	62.30	-0.858	-0.680	-0.527	-0.420	-0.362	-0.338	-0.320	-0.284	-0.216	-0.121
6241	62.40	-0.012	0.088	0.166	0.213	0.243	0.275	0.328	0.414	0.527	0.649
6251	62.50	0.751	0.806	0.799	0.728	0.608	0.462	0.315	0.184	0.078	-0.006
6261	62.60	-0.074	-0.134	-0.193	-0.256	-0.325	-0.404	-0.495	-0.597	-0.702	-0.799
6271	62.70	-0.870	-0.900	-0.879	-0.813	-0.716	-0.612	-0.521	-0.457	-0.422	-0.406
6281	62.80	-0.394	-0.372	-0.336	-0.287	-0.233	-0.185	-0.146	-0.114	-0.085	-0.053
6291	62.90	-0.014	0.028	0.071	0.110	0.145	0.179	0.219	0.265	0.314	0.355
6301	63.00	0.377	0.369	0.329	0.266	0.194	0.131	0.089	0.069	0.064	0.061
6311	63.10	0.049	0.021	-0.019	-0.063	-0.100	-0.125	-0.138	-0.148	-0.162	-0.188
6321	63.20	-0.225	-0.267	-0.305	-0.331	-0.345	-0.352	-0.363	-0.387	-0.428	-0.481
6331	63.30	-0.531	-0.560	-0.554	-0.505	-0.421	-0.316	-0.210	-0.119	-0.051	-0.004
6341	63.40	0.031	0.069	0.118	0.181	0.252	0.322	0.382	0.430	0.470	0.512
6351	63.50	0.565	0.634	0.715	0.793	0.852	0.876	0.860	0.809	0.735	0.658
6361	63.60	0.594	0.551	0.530	0.522	0.515	0.500	0.472	0.436	0.396	0.360
6371	63.70	0.332	0.312	0.295	0.277	0.252	0.221	0.185	0.150	0.120	0.097
6381	63.80	0.078	0.060	0.038	0.008	-0.026	-0.062	-0.092	-0.116	-0.132	-0.147
6391	63.90	-0.165	-0.193	-0.229	-0.269	-0.305	-0.351	-0.343	-0.369	-0.359	-0.385
6401	64.00	-0.433	-0.501	-0.579	-0.656	-0.720	-0.772	-0.819	-0.873	-0.943	-1.030
6411	64.10	-1.117	-1.180	-1.194	-1.145	-1.037	-0.891	-0.739	-0.609	-0.519	-0.464
6421	64.20	-0.427	-0.384	-0.320	-0.235	-0.143	-0.069	-0.033	-0.040	-0.078	-0.125
6431	64.30	-0.156	-0.157	-0.129	-0.085	-0.047	-0.027	-0.030	-0.046	-0.058	-0.052
6441	64.40	-0.028	0.007	0.037	0.046	0.029	-0.005	-0.040	-0.060	-0.055	-0.029
6451	64.50	0.001	0.017	0.006	-0.031	-0.076	-0.107	-0.101	-0.065	0.056	0.189
6461	64.60	0.331	0.467	0.590	0.704	0.816	0.931	1.041	1.133	1.186	1.188
6471	64.70	1.136	1.046	0.943	0.854	0.798	0.779	0.784	0.793	0.787	0.754
6481	64.80	0.704	0.643	0.589	0.551	0.530	0.516	0.499	0.468	0.425	0.376
6491	64.90	0.330	0.296	0.273	0.255	0.234	0.202	0.159	0.112	0.068	0.036

Table 7—47—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	0.014	-0.004	-0.027	-0.061	-0.105	-0.153	-0.195	-0.226	-0.245	-0.261
6511	65.10	-0.285	-0.319	-0.368	-0.421	-0.465	-0.489	-0.492	-0.481	-0.469	-0.469
6521	65.20	-0.485	-0.514	-0.543	-0.561	-0.562	-0.551	-0.541	-0.546	-0.573	-0.618
6531	65.30	-0.687	-0.698	-0.692	-0.637	-0.533	-0.387	-0.213	-0.025	0.163	0.340
6541	65.40	0.496	0.622	0.714	0.773	0.808	0.836	0.874	0.930	1.001	1.070
6551	65.50	1.112	1.101	1.025	0.889	0.712	0.522	0.346	0.198	0.080	-0.016
6561	65.60	-0.101	-0.178	-0.244	-0.290	-0.308	-0.296	-0.263	-0.228	-0.207	-0.211
6571	65.70	-0.240	-0.284	-0.327	-0.356	-0.368	-0.365	-0.360	-0.363	-0.379	-0.407
6581	65.80	-0.439	-0.467	-0.484	-0.492	-0.493	-0.497	-0.507	-0.526	-0.553	-0.582
6591	65.90	-0.608	-0.625	-0.632	-0.625	-0.603	-0.569	-0.525	-0.476	-0.428	-0.388
6601	66.00	-0.354	-0.331	-0.313	-0.295	-0.272	-0.242	-0.207	-0.171	-0.137	-0.110
6611	66.10	-0.086	-0.064	-0.039	-0.011	0.022	0.055	0.087	0.116	0.143	0.171
6621	66.20	0.200	0.233	0.268	0.302	0.335	0.365	0.395	0.426	0.457	0.486
6631	66.30	0.507	0.516	0.513	0.501	0.491	0.491	0.508	0.540	0.574	0.595
6641	66.40	0.584	0.533	0.464	0.330	0.214	0.113	0.040	-0.007	-0.061	-0.080
6651	66.50	-0.136	-0.214	-0.307	-0.397	-0.466	-0.498	-0.489	-0.448	-0.391	-0.334
6661	66.60	-0.293	-0.271	-0.267	-0.270	-0.271	-0.265	-0.249	-0.227	-0.206	-0.190
6671	66.70	-0.180	-0.174	-0.168	-0.158	-0.143	-0.125	-0.107	-0.093	-0.083	-0.075
6681	66.80	-0.066	-0.055	-0.040	-0.023	-0.006	0.008	0.018	0.026	0.035	0.047
6691	66.90	0.063	0.081	0.097	0.108	0.115	0.120	0.125	0.134	0.148	0.164
6701	67.00	0.179	0.191	0.198	0.203	0.209	0.219	0.233	0.251	0.267	0.279
6711	67.10	0.284	0.287	0.291	0.300	0.317	0.338	0.358	0.372	0.376	0.370
6721	67.20	0.357	0.342	0.326	0.310	0.291	0.270	0.248	0.228	0.217	0.216
6731	67.30	0.222	0.225	0.215	0.183	0.126	0.069	-0.035	-0.115	-0.182	-0.237
6741	67.40	-0.285	-0.335	-0.392	-0.436	-0.521	-0.579	-0.627	-0.667	-0.710	-0.767
6751	67.50	-0.842	-0.930	-1.014	-1.071	-1.079	-1.030	-0.930	-0.796	-0.654	-0.528
6761	67.60	-0.432	-0.367	-0.323	-0.285	-0.240	-0.180	-0.104	-0.018	0.072	0.157
6771	67.70	0.229	0.284	0.318	0.329	0.321	0.298	0.270	0.244	0.229	0.227
6781	67.80	0.237	0.254	0.269	0.278	0.280	0.275	0.268	0.264	0.266	0.272
6791	67.90	0.282	0.290	0.295	0.295	0.292	0.288	0.285	0.288	0.295	0.306
6801	68.00	0.316	0.320	0.313	0.292	0.259	0.217	0.175	0.139	0.113	0.096
6811	68.10	0.083	0.068	0.045	0.012	-0.028	-0.065	-0.090	-0.094	-0.072	-0.027
6821	68.20	0.035	0.102	0.162	0.204	0.224	0.218	0.191	0.152	0.111	0.079
6831	68.30	0.063	0.065	0.078	0.092	0.094	0.078	0.045	0.005	-0.024	-0.028
6841	68.40	0.005	0.027	0.070	0.126	0.206	0.309	0.470	0.569	0.620	0.689
6851	68.50	0.825	0.887	0.943	0.996	1.056	1.133	1.231	1.341	1.442	1.504
6861	68.60	1.497	1.403	1.226	0.987	0.725	0.480	0.282	0.162	0.051	-0.019
6871	68.70	-0.099	-0.215	-0.375	-0.570	-0.774	-0.953	-1.078	-1.132	-1.116	-1.048
6881	68.80	-0.956	-0.868	-0.803	-0.769	-0.759	-0.761	-0.761	-0.755	-0.737	-0.717
6891	68.90	-0.701	-0.689	-0.678	-0.662	-0.638	-0.608	-0.579	-0.567	-0.580	-0.623
6901	69.00	-0.690	-0.769	-0.847	-0.917	-0.978	-1.035	-1.093	-1.150	-1.195	-1.211
6911	69.10	-1.185	-1.114	-1.008	-0.890	-0.784	-0.708	-0.663	-0.639	-0.617	-0.581
6921	69.20	-0.525	-0.456	-0.388	-0.330	-0.285	-0.242	-0.188	-0.141	-0.011	0.102
6931	69.30	0.210	0.298	0.362	0.414	0.470	0.544	0.638	0.739	0.825	0.877
6941	69.40	0.894	0.892	0.899	0.942	1.031	1.152	1.268	1.330	1.306	1.183
6951	69.50	0.982	0.766	0.513	0.360	0.176	0.058	-0.050	-0.172	-0.309	-0.445
6961	69.60	-0.553	-0.608	-0.600	-0.543	-0.444	-0.396	-0.366	-0.381	-0.430	-0.488
6971	69.70	-0.532	-0.566	-0.532	-0.503	-0.481	-0.480	-0.508	-0.555	-0.603	-0.634
6981	69.80	-0.631	-0.591	-0.520	-0.431	-0.338	-0.250	-0.173	-0.102	-0.055	0.031
6991	69.90	0.097	0.160	0.217	0.269	0.322	0.380	0.449	0.527	0.608	0.682

Table 7—47—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	0.741	0.785	0.821	0.864	0.927	1.015	1.119	1.215	1.275	1.275
7011	70.10	1.208	1.085	0.931	0.779	0.651	0.556	0.487	0.426	0.358	0.280
7021	70.20	0.199	0.135	0.106	0.115	0.159	0.217	0.267	0.290	0.285	0.256
7031	70.30	0.226	0.210	0.213	0.231	0.253	0.265	0.261	0.244	0.225	0.216
7041	70.40	0.222	0.241	0.262	0.270	0.256	0.209	0.143	0.066	-0.009	-0.072
7051	70.50	-0.121	-0.159	-0.193	-0.230	-0.274	-0.323	-0.376	-0.428	-0.477	-0.520
7061	70.60	-0.559	-0.598	-0.641	-0.688	-0.740	-0.793	-0.845	-0.890	-0.928	-0.961
7071	70.70	-0.996	-1.041	-1.100	-1.169	-1.237	-1.286	-1.297	-1.260	-1.176	-1.059
7081	70.80	-0.934	-0.825	-0.746	-0.700	-0.673	-0.648	-0.607	-0.543	-0.465	-0.384
7091	70.90	-0.316	-0.267	-0.231	-0.195	-0.147	-0.080	-0.001	0.076	0.139	0.182
7101	71.00	0.212	0.247	0.304	0.387	0.485	0.568	0.603	0.569	0.468	0.325
7111	71.10	0.181	0.073	0.021	0.012	0.016	-0.005	-0.074	-0.186	-0.307	-0.386
7121	71.20	-0.382	-0.277	-0.087	0.144	0.367	0.545	0.667	0.749	0.824	0.917
7131	71.30	1.040	1.183	1.322	1.440	1.531	1.613	1.711	1.844	2.011	2.185
7141	71.40	2.318	2.362	2.290	2.107	1.854	1.588	1.361	1.205	1.116	1.065
7151	71.50	1.013	0.927	0.798	0.640	0.478	0.338	0.231	0.150	0.074	-0.020
7161	71.60	-0.143	-0.291	-0.445	-0.584	-0.694	-0.776	-0.845	-0.923	-1.028	-1.163
7171	71.70	-1.315	-1.458	-1.562	-1.607	-1.587	-1.513	-1.408	-1.299	-1.208	-1.148
7181	71.80	-1.121	-1.122	-1.142	-1.176	-1.210	-1.243	-1.268	-1.280	-1.276	-1.254
7191	71.90	-1.212	-1.154	-1.080	-0.993	-0.896	-0.792	-0.685	-0.581	-0.485	-0.399
7201	72.00	-0.319	-0.233	-0.125	0.016	0.194	0.394	0.586	0.728	0.784	0.733
7211	72.10	0.583	0.373	0.158	-0.003	-0.065	-0.018	0.120	0.305	0.485	0.619
7221	72.20	0.686	0.691	0.660	0.619	0.592	0.589	0.603	0.624	0.639	0.643
7231	72.30	0.637	0.631	0.633	0.647	0.671	0.697	0.715	0.716	0.696	0.657
7241	72.40	0.601	0.536	0.468	0.402	0.344	0.296	0.258	0.226	0.195	0.159
7251	72.50	0.114	0.060	0.001	-0.055	-0.100	-0.127	-0.138	-0.135	-0.128	-0.122
7261	72.60	-0.124	-0.133	-0.148	-0.163	-0.177	-0.188	-0.198	-0.209	-0.221	-0.233
7271	72.70	-0.245	-0.256	-0.265	-0.274	-0.285	-0.298	-0.313	-0.327	-0.339	-0.348
7281	72.80	-0.354	-0.361	-0.371	-0.386	-0.404	-0.422	-0.437	-0.446	-0.442	-0.432
7291	72.90	-0.415	-0.394	-0.372	-0.350	-0.329	-0.311	-0.298	-0.289	-0.283	-0.278
7301	73.00	-0.270	-0.256	-0.236	-0.213	-0.192	-0.178	-0.173	-0.173	-0.173	-0.164
7311	73.10	-0.142	-0.109	-0.074	-0.049	-0.046	-0.070	-0.119	-0.186	-0.261	-0.336
7321	73.20	-0.407	-0.476	-0.545	-0.612	-0.672	-0.712	-0.720	-0.687	-0.614	-0.511
7331	73.30	-0.396	-0.288	-0.201	-0.142	-0.104	-0.077	-0.047	-0.004	0.056	0.129
7341	73.40	0.208	0.283	0.345	0.388	0.410	0.412	0.397	0.372	0.343	0.317
7351	73.50	0.299	0.292	0.294	0.302	0.310	0.316	0.312	0.303	0.293	0.284
7361	73.60	0.280	0.282	0.286	0.290	0.290	0.286	0.278	0.270	0.265	0.265
7371	73.70	0.268	0.273	0.275	0.274	0.267	0.257	0.245	0.231	0.216	0.200
7381	73.80	0.183	0.166	0.149	0.135	0.124	0.115	0.107	0.097	0.084	0.068
7391	73.90	0.050	0.034	0.021	0.013	0.007	0.003	-0.003	-0.011	-0.019	-0.027
7401	74.00	-0.032	-0.036	-0.036	-0.040	-0.047	-0.057	-0.071	-0.081	-0.086	-0.086
7411	74.10	-0.085	-0.087	-0.094	-0.106	-0.121	-0.133	-0.137	-0.136	-0.131	-0.130
7421	74.20	-0.136	-0.151	-0.170	-0.185	-0.190	-0.183	-0.171	-0.164	-0.170	-0.193
7431	74.30	-0.225	-0.253	-0.259	-0.230	-0.162	-0.066	0.045	0.152	0.244	0.320
7441	74.40	0.386	0.448	0.514	0.584	0.653	0.719	0.780	0.842	0.912	0.995
7451	74.50	1.089	1.181	1.252	1.282	1.260	1.188	1.084	0.972	0.877	0.811
7461	74.60	0.775	0.759	0.745	0.719	0.677	0.622	0.562	0.508	0.465	0.431
7471	74.70	0.402	0.369	0.330	0.282	0.231	0.181	0.136	0.098	0.062	0.028
7481	74.80	-0.011	-0.053	-0.100	-0.149	-0.196	-0.239	-0.278	-0.313	-0.346	-0.380
7491	74.90	-0.416	-0.456	-0.498	-0.540	-0.579	-0.614	-0.643	-0.672	-0.704	-0.746

Table 7—47—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.797	-0.853	-0.905	-0.941	-0.948	-0.921	-0.865	-0.784	-0.700	-0.624
7511	75.10	-0.566	-0.528	-0.503	-0.482	-0.457	-0.422	-0.377	-0.326	-0.275	-0.229
7521	75.20	-0.190	-0.159	-0.134	-0.112	-0.091	-0.071	-0.051	-0.031	-0.012	0.008
7531	75.30	0.028	0.050	0.075	0.101	0.128	0.153	0.176	0.196	0.214	0.233
7541	75.40	0.256	0.281	0.311	0.339	0.359	0.366	0.355	0.332	0.302	0.278
7551	75.50	0.268	0.274	0.294	0.315	0.325	0.313	0.273	0.206	0.118	0.019
7561	75.60	-0.086	-0.185	-0.279	-0.363	-0.435	-0.496	-0.549	-0.601	-0.662	-0.761
7571	75.70	-0.858	-0.947	-1.048	-1.120	-1.147	-1.123	-1.057	-0.970	-0.884	-0.820
7581	75.80	-0.781	-0.761	-0.747	-0.726	-0.695	-0.659	-0.628	-0.606	-0.592	-0.571
7591	75.90	-0.529	-0.455	-0.349	-0.226	-0.107	-0.007	0.068	0.129	0.194	0.279
7601	76.00	0.387	0.502	0.596	0.642	0.624	0.546	0.433	0.318	0.229	0.177
7611	76.10	0.156	0.145	0.127	0.091	0.044	0.002	-0.018	-0.007	0.028	0.073
7621	76.20	0.109	0.124	0.118	0.103	0.090	0.090	0.102	0.120	0.132	0.136
7631	76.30	0.132	0.130	0.135	0.149	0.163	0.162	0.135	0.077	-0.004	-0.091
7641	76.40	-0.164	-0.214	-0.241	-0.259	-0.286	-0.331	-0.397	-0.468	-0.525	-0.550
7651	76.50	-0.535	-0.485	-0.418	-0.354	-0.307	-0.281	-0.272	-0.267	-0.258	-0.238
7661	76.60	-0.210	-0.180	-0.153	-0.132	-0.116	-0.101	-0.083	-0.060	-0.033	-0.007
7671	76.70	0.016	0.033	0.046	0.060	0.081	0.115	0.167	0.236	0.318	0.407
7681	76.80	0.494	0.571	0.633	0.683	0.727	0.774	0.832	0.902	0.981	1.057
7691	76.90	1.124	1.178	1.229	1.296	1.399	1.551	1.743	1.951	2.132	2.241
7701	77.00	2.247	2.144	1.951	1.710	1.466	1.256	1.099	0.989	0.908	0.831
7711	77.10	0.740	0.627	0.497	0.359	0.224	0.097	-0.020	-0.129	-0.234	-0.337
7721	77.20	-0.444	-0.559	-0.686	-0.825	-0.971	-1.110	-1.222	-1.287	-1.293	-1.242
7731	77.30	-1.151	-1.047	-0.959	-0.906	-0.891	-0.902	-0.919	-0.922	-0.903	-0.866
7741	77.40	-0.819	-0.781	-0.759	-0.752	-0.751	-0.745	-0.725	-0.692	-0.654	-0.621
7751	77.50	-0.600	-0.591	-0.588	-0.581	-0.559	-0.521	-0.467	-0.405	-0.342	-0.282
7761	77.60	-0.227	-0.176	-0.125	-0.075	-0.027	0.020	0.066	0.111	0.160	0.214
7771	77.70	0.270	0.326	0.377	0.421	0.460	0.501	0.549	0.610	0.679	0.747
7781	77.80	0.799	0.823	0.811	0.768	0.705	0.639	0.586	0.549	0.533	0.528
7791	77.90	0.523	0.510	0.487	0.457	0.425	0.397	0.377	0.361	0.347	0.331
7801	78.00	0.310	0.284	0.257	0.232	0.211	0.193	0.176	0.159	0.139	0.115
7811	78.10	0.091	0.067	0.045	0.026	0.008	-0.010	-0.029	-0.051	-0.074	-0.097
7821	78.20	-0.119	-0.140	-0.158	-0.176	-0.194	-0.214	-0.236	-0.260	-0.284	-0.305
7831	78.30	-0.324	-0.340	-0.356	-0.374	-0.395	-0.421	-0.450	-0.478	-0.497	-0.504
7841	78.40	-0.494	-0.469	-0.432	-0.393	-0.357	-0.331	-0.316	-0.309	-0.303	-0.294
7851	78.50	-0.278	-0.255	-0.229	-0.205	-0.188	-0.176	-0.169	-0.160	-0.145	-0.121
7861	78.60	-0.092	-0.064	-0.045	-0.042	-0.055	-0.082	-0.116	-0.149	-0.173	-0.189
7871	78.70	-0.199	-0.207	-0.218	-0.233	-0.251	-0.269	-0.284	-0.296	-0.303	-0.315
7881	78.80	-0.332	-0.355	-0.379	-0.396	-0.400	-0.386	-0.355	-0.314	-0.273	-0.238
7891	78.90	-0.214	-0.199	-0.189	-0.178	-0.161	-0.138	-0.113	-0.089	-0.069	-0.054
7901	79.00	-0.041	-0.024	-0.005	0.021	0.048	0.070	0.081	0.079	0.063	0.041
7911	79.10	-0.018	0.001	-0.010	-0.013	-0.013	-0.013	-0.017	-0.025	-0.035	-0.046
7921	79.20	-0.054	-0.060	-0.064	-0.068	-0.073	-0.080	-0.088	-0.098	-0.107	-0.114
7931	79.30	-0.119	-0.124	-0.128	-0.135	-0.143	-0.153	-0.163	-0.171	-0.178	-0.182
7941	79.40	-0.185	-0.190	-0.198	-0.210	-0.224	-0.237	-0.245	-0.243	-0.228	-0.201
7951	79.50	-0.167	-0.130	-0.098	-0.073	-0.056	-0.044	-0.032	-0.017	0.003	0.026
7961	79.60	0.050	0.072	0.090	0.105	0.119	0.135	0.155	0.177	0.200	0.221
7971	79.70	0.238	0.253	0.267	0.283	0.303	0.325	0.348	0.368	0.382	0.391
7981	79.80	0.398	0.406	0.419	0.436	0.456	0.474	0.488	0.497	0.504	0.513
7991	79.90	0.527	0.546	0.568	0.587	0.600	0.606	0.608	0.613	0.627	0.652

Table 7—47—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	0.683	0.710	0.723	0.712	0.673	0.611	0.535	0.459	0.391	0.336
8011	80.10	0.292	0.256	0.222	0.186	0.142	0.096	0.046	-0.006	-0.058	-0.109
8021	80.20	-0.153	-0.185	-0.206	-0.207	-0.199	-0.188	-0.182	-0.187	-0.204	-0.228
8031	80.30	-0.250	-0.265	-0.270	-0.270	-0.274	-0.288	-0.314	-0.364	-0.365	-0.362
8041	80.40	-0.326	-0.259	-0.173	-0.085	-0.012	0.039	0.070	0.093	0.123	0.170
8051	80.50	0.232	0.298	0.356	0.385	0.385	0.358	0.318	0.278	0.252	0.243
8061	80.60	0.267	0.256	0.261	0.258	0.246	0.232	0.220	0.216	0.213	0.216
8071	80.70	0.213	0.208	0.198	0.187	0.178	0.172	0.170	0.169	0.166	0.161
8081	80.80	0.151	0.141	0.132	0.126	0.123	0.123	0.122	0.116	0.103	0.084
8091	80.90	0.058	0.029	0.000	-0.026	-0.050	-0.069	-0.086	-0.104	-0.122	-0.144
8101	81.00	-0.167	-0.191	-0.214	-0.234	-0.252	-0.270	-0.289	-0.310	-0.334	-0.360
8111	81.10	-0.386	-0.405	-0.421	-0.435	-0.452	-0.473	-0.502	-0.535	-0.566	-0.587
8121	81.20	-0.591	-0.575	-0.540	-0.496	-0.446	-0.403	-0.372	-0.351	-0.338	-0.326
8131	81.30	-0.310	-0.289	-0.262	-0.232	-0.205	-0.181	-0.161	-0.144	-0.127	-0.107
8141	81.40	-0.083	-0.055	-0.028	-0.003	0.017	0.034	0.050	0.069	0.094	0.124
8151	81.50	0.156	0.183	0.197	0.193	0.171	0.139	0.105	0.078	0.065	0.064
8161	81.60	0.068	0.069	0.058	0.037	0.013	-0.000	0.008	0.043	0.099	0.164
8171	81.70	0.217	0.242	0.230	0.184	0.115	0.037	-0.037	-0.099	-0.148	-0.190
8181	81.80	-0.228	-0.265	-0.303	-0.341	-0.378	-0.418	-0.464	-0.516	-0.574	-0.628
8191	81.90	-0.670	-0.687	-0.676	-0.639	-0.584	-0.526	-0.477	-0.443	-0.425	-0.416
8201	82.00	-0.409	-0.397	-0.377	-0.351	-0.322	-0.296	-0.273	-0.255	-0.238	-0.221
8211	82.10	-0.202	-0.180	-0.158	-0.136	-0.111	-0.088	-0.067	-0.047	-0.029	-0.011
8221	82.20	0.008	0.029	0.054	0.081	0.107	0.129	0.145	0.157	0.170	0.190
8231	82.30	0.219	0.256	0.293	0.318	0.321	0.297	0.249	0.190	0.133	0.089
8241	82.40	0.063	0.047	0.031	0.006	-0.032	-0.076	-0.111	-0.121	-0.098	-0.044
8251	82.50	0.030	0.107	0.171	0.215	0.242	0.260	0.281	0.311	0.350	0.394
8261	82.60	0.455	0.471	0.502	0.533	0.569	0.609	0.649	0.678	0.688	0.678
8271	82.70	0.650	0.617	0.590	0.579	0.583	0.596	0.609	0.613	0.605	0.591
8281	82.80	0.577	0.571	0.575	0.584	0.592	0.592	0.581	0.566	0.554	0.555
8291	82.90	0.568	0.587	0.595	0.577	0.522	0.431	0.316	0.197	0.093	0.016
8301	83.00	-0.036	-0.075	-0.118	-0.180	-0.264	-0.364	-0.460	-0.533	-0.567	-0.559
8311	83.10	-0.517	-0.457	-0.398	-0.355	-0.332	-0.327	-0.331	-0.333	-0.327	-0.311
8321	83.20	-0.290	-0.269	-0.252	-0.241	-0.234	-0.227	-0.218	-0.204	-0.187	-0.169
8331	83.30	-0.152	-0.140	-0.130	-0.122	-0.113	-0.100	-0.084	-0.065	-0.047	-0.031
8341	83.40	-0.020	-0.015	-0.016	-0.022	-0.032	-0.042	-0.051	-0.058	-0.061	-0.062
8351	83.50	-0.061	-0.060	-0.061	-0.063	-0.067	-0.072	-0.076	-0.078	-0.079	-0.079
8361	83.60	-0.079	-0.081	-0.085	-0.088	-0.092	-0.094	-0.095	-0.095	-0.096	-0.097
8371	83.70	-0.100	-0.104	-0.108	-0.110	-0.110	-0.108	-0.105	-0.102	-0.099	-0.097
8381	83.80	-0.095	-0.094	-0.093	-0.092	-0.090	-0.088	-0.087	-0.085	-0.084	-0.083
8391	83.90	-0.081	-0.079	-0.077	-0.076	-0.074	-0.073	-0.071	-0.069	-0.067	-0.066
8401	84.00	-0.064	-0.063	-0.061	-0.060	-0.058	-0.055	-0.053	-0.051	-0.050	-0.049
8411	84.10	-0.049	-0.050	-0.052	-0.054	-0.056	-0.057	-0.058	-0.059	-0.059	-0.059
8421	84.20	-0.059	-0.059	-0.060	-0.062	-0.063	-0.065	-0.065	-0.065	-0.064	-0.064
8431	84.30	-0.065	-0.067	-0.069	-0.071	-0.071	-0.070	-0.069	-0.069	-0.070	-0.072
8441	84.40	-0.075	-0.077	-0.078	-0.077	-0.075	-0.074	-0.074	-0.077	-0.081	-0.084
8451	84.50	-0.085	-0.084	-0.081	-0.078	-0.079	-0.082	-0.088	-0.093	-0.096	-0.093
8461	84.60	-0.088	-0.081	-0.079	-0.083	-0.095	-0.110	-0.121	-0.119	-0.095	-0.044
8471	84.70	0.033	0.129	0.235	0.336	0.424	0.493	0.543	0.583	0.624	0.677
8481	84.80	0.750	0.841	0.939	1.028	1.089	1.108	1.079	1.009	0.915	0.817
8491	84.90	0.733	0.673	0.637	0.616	0.599	0.573	0.535	0.486	0.432	0.382

Table 7—47—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	0.340	0.306	0.276	0.244	0.206	0.162	0.114	0.068	0.027	-0.010
8511	85.10	-0.046	-0.086	-0.135	-0.194	-0.259	-0.323	-0.381	-0.429	-0.469	-0.507
8521	85.20	-0.550	-0.602	-0.663	-0.727	-0.788	-0.838	-0.877	-0.910	-0.947	-0.997
8531	85.30	-1.066	-1.146	-1.222	-1.275	-1.287	-1.248	-1.163	-1.050	-0.931	-0.829
8541	85.40	-0.756	-0.711	-0.682	-0.655	-0.615	-0.559	-0.489	-0.417	-0.354	-0.303
8551	85.50	-0.262	-0.224	-0.179	-0.123	-0.057	0.010	0.071	0.121	0.163	0.203
8561	85.60	0.250	0.307	0.371	0.437	0.495	0.543	0.590	0.649	0.738	0.867
8571	85.70	1.028	1.202	1.353	1.446	1.456	1.375	1.217	1.015	0.806	0.622
8581	85.80	0.482	0.388	0.325	0.272	0.208	0.120	0.004	-0.131	-0.268	-0.390
8591	85.90	-0.480	-0.531	-0.544	-0.528	-0.497	-0.467	-0.450	-0.450	-0.466	-0.491
8601	86.00	-0.515	-0.532	-0.541	-0.546	-0.553	-0.567	-0.588	-0.612	-0.628	-0.624
8611	86.10	-0.595	-0.540	-0.466	-0.387	-0.316	-0.257	-0.218	-0.193	-0.167	-0.137
8621	86.20	-0.095	-0.043	0.013	0.067	0.112	0.148	0.178	0.208	0.246	0.296
8631	86.30	0.369	0.405	0.455	0.493	0.521	0.544	0.578	0.624	0.685	0.755
8641	86.40	0.818	0.859	0.865	0.832	0.767	0.684	0.600	0.528	0.475	0.439
8651	86.50	0.612	0.568	0.535	0.517	0.493	0.228	0.184	0.142	0.103	0.065
8661	86.60	0.027	-0.010	-0.046	-0.082	-0.120	-0.161	-0.208	-0.258	-0.307	-0.344
8671	86.70	-0.363	-0.359	-0.333	-0.292	-0.246	-0.206	-0.179	-0.165	-0.161	-0.160
8681	86.80	-0.154	-0.145	-0.126	-0.104	-0.082	-0.064	-0.051	-0.042	-0.034	-0.025
8691	86.90	-0.011	0.006	0.026	0.046	0.063	0.076	0.085	0.093	0.102	0.116
8701	87.00	0.135	0.158	0.181	0.199	0.209	0.209	0.203	0.192	0.181	0.172
8711	87.10	0.165	0.158	0.150	0.141	0.133	0.128	0.128	0.131	0.134	0.131
8721	87.20	0.121	0.105	0.090	0.081	0.082	0.092	0.102	0.105	0.093	0.069
8731	87.30	0.042	0.026	0.029	0.052	0.084	0.103	0.089	0.031	-0.022	-0.206
8741	87.40	-0.350	-0.489	-0.616	-0.736	-0.856	-0.981	-1.101	-1.197	-1.244	-1.221
8751	87.50	-1.128	-0.983	-0.821	-0.678	-0.579	-0.530	-0.513	-0.503	-0.472	-0.408
8761	87.60	-0.319	-0.222	-0.143	-0.097	-0.087	-0.101	-0.120	-0.129	-0.119	-0.093
8771	87.70	-0.060	-0.031	-0.011	0.000	0.008	0.019	0.037	0.051	0.086	0.110
8781	87.80	0.128	0.141	0.154	0.167	0.184	0.204	0.225	0.246	0.267	0.287
8791	87.90	0.306	0.321	0.329	0.325	0.308	0.279	0.245	0.212	0.187	0.173
8801	88.00	0.167	0.166	0.161	0.149	0.129	0.106	0.084	0.068	0.058	0.052
8811	88.10	0.066	0.034	0.016	-0.007	-0.028	-0.045	-0.055	-0.061	-0.067	-0.078
8821	88.20	-0.098	-0.125	-0.152	-0.170	-0.172	-0.155	-0.121	-0.078	-0.036	-0.002
8831	88.30	0.020	0.033	0.044	0.057	0.077	0.102	0.127	0.150	0.168	0.181
8841	88.40	0.196	0.215	0.239	0.265	0.287	0.303	0.312	0.322	0.347	0.395
8851	88.50	0.472	0.572	0.680	0.777	0.851	0.899	0.932	0.968	1.025	1.111
8861	88.60	1.217	1.320	1.392	1.408	1.359	1.257	1.124	0.991	0.882	0.806
8871	88.70	0.758	0.725	0.690	0.641	0.577	0.503	0.430	0.364	0.308	0.259
8881	88.80	0.209	0.155	0.093	0.025	-0.044	-0.108	-0.166	-0.215	-0.257	-0.294
8891	88.90	-0.328	-0.360	-0.393	-0.429	-0.470	-0.516	-0.564	-0.612	-0.656	-0.693
8901	89.00	-0.726	-0.759	-0.799	-0.848	-0.904	-0.961	-1.006	-1.028	-1.022	-0.990
8911	89.10	-0.942	-0.893	-0.854	-0.831	-0.824	-0.826	-0.823	-0.814	-0.796	-0.774
8921	89.20	-0.752	-0.735	-0.725	-0.718	-0.710	-0.696	-0.678	-0.658	-0.640	-0.626
8931	89.30	-0.617	-0.609	-0.598	-0.582	-0.561	-0.539	-0.525	-0.515	-0.515	-0.520
8941	89.40	-0.525	-0.526	-0.522	-0.517	-0.512	-0.512	-0.514	-0.516	-0.513	-0.503
8951	89.50	-0.490	-0.479	-0.477	-0.486	-0.503	-0.516	-0.512	-0.477	-0.407	-0.304
8961	89.60	-0.179	-0.048	0.076	0.179	0.265	0.335	0.398	0.462	0.535	0.620
8971	89.70	0.718	0.822	0.936	1.035	1.109	1.146	1.139	1.090	1.010	0.919
8981	89.80	0.836	0.776	0.743	0.734	0.736	0.735	0.723	0.696	0.656	0.605
8991	89.90	0.542	0.460	0.369	0.282	0.202	0.122	-0.176	-0.370	-0.530	-0.632	-0.663

Table 7—47—19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1140 902-GR-1-57 U-D (U-D) NISHIARAI BRIDGE MAX. ACC. = -15.898 (GAL) T= 9.08 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
9001	90.00	-0.625	-0.537	-0.424	-0.311	-0.217	-0.150	-0.109	-0.086	-0.070	-0.053
9011	90.10	-0.032	-0.007	0.039	0.045	0.070	0.096	0.124	0.151	0.173	0.181
9021	90.20	0.166	0.124	0.057	-0.026	-0.110	-0.178	-0.221	-0.240	-0.246	-0.252
9031	90.30	-0.278	-0.329	-0.400	-0.475	-0.535	-0.563	-0.553	-0.511	-0.458	-0.392
9041	90.40	-0.340	-0.299	-0.263	-0.226	-0.185	-0.163	-0.106	-0.082	-0.071	-0.045
9051	90.50	-0.049	-0.009	0.084	0.168	0.296	0.426	0.552	0.666	0.770	0.872
9061	90.60	0.979	1.093	1.212	1.322	1.410	1.462	1.467	1.423	1.338	1.229
9071	90.70	1.117	1.026	0.973	0.961	0.980	1.005	1.010	0.976	0.903	0.810
9081	90.80	0.729	0.687	0.694	0.733	0.767	0.758	0.688	0.572	0.456	0.395
9091	90.90	0.425	0.540	0.680	0.757	0.686	0.629	0.017	-0.457	-0.867	-1.106

Table 7—48—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 6.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-2.967	-0.460	2.295	4.360	5.216	4.951	4.129	3.418	3.188	3.328
11	0.10	3.353	2.757	1.368	-0.474	-2.058	-2.668	-1.981	-0.257	1.772	3.281
21	0.20	3.764	3.265	2.302	1.518	1.285	1.474	1.534	0.834	-0.922	-3.452
31	0.30	-5.971	-7.535	-7.488	-5.755	-2.845	0.433	3.359	5.572	7.087	8.078
41	0.40	8.586	8.370	7.020	4.272	0.343	-3.949	-7.403	-8.922	-8.034	-5.158
51	0.50	-1.460	1.672	3.275	3.250	2.370	1.835	2.401	4.811	7.648	9.665
61	0.60	9.464	6.380	0.852	-5.691	-11.367	-14.561	-14.498	-11.456	-6.568	-1.347
71	0.70	2.845	5.175	5.473	4.126	1.853	-0.547	-2.393	-3.244	-2.966	-1.734
81	0.80	0.031	1.787	3.047	3.545	3.321	2.671	1.971	1.467	1.138	0.720
91	0.90	-0.109	-1.486	-3.189	-4.654	-5.262	-4.556	-2.608	0.012	2.446	3.933
101	1.00	4.153	3.351	2.176	1.317	1.131	1.464	1.759	1.393	0.056	-2.039
111	1.10	-4.221	-5.681	-5.862	-4.724	-2.746	-0.672	0.842	1.506	1.449	1.057
121	1.20	0.701	0.533	0.453	0.251	-0.186	-0.737	-1.109	-1.007	-0.346	0.653
131	1.30	1.578	2.077	2.100	1.981	2.270	3.389	5.300	7.385	8.655	8.199
141	1.40	5.680	1.805	-2.796	-6.048	-7.062	-5.611	-2.426	1.154	3.792	4.740
151	1.50	4.117	2.747	1.668	1.556	2.365	3.357	3.497	2.000	-1.235	-5.534
161	1.60	-9.710	-12.563	-13.354	-12.059	-9.294	-5.999	-3.048	-0.974	0.089	0.310
171	1.70	-0.043	-0.728	-1.544	-2.276	-2.661	-2.341	-1.213	0.601	2.575	3.926
181	1.80	3.917	2.223	-0.825	-4.274	-6.879	-7.619	-6.157	-3.034	0.526	3.110
191	1.90	3.714	2.158	-0.864	-4.112	-6.352	-6.879	-5.755	-3.695	-1.660	-0.380
201	2.00	-0.039	-0.265	-0.394	0.134	1.467	3.265	4.383	5.708	5.454	4.297
211	2.10	2.763	1.474	0.866	1.032	1.741	2.604	3.272	3.577	3.550	3.342
221	2.20	3.116	2.980	2.985	3.161	5.539	4.120	4.823	5.438	5.671	5.279
231	2.30	4.269	2.863	1.728	1.458	2.388	4.304	6.405	7.556	6.747	3.573
241	2.40	-1.503	-7.252	-12.113	-14.793	-14.741	-12.406	-8.811	-5.242	-2.617	-1.191
251	2.50	-0.589	-0.142	0.660	1.974	3.349	4.502	4.064	2.873	1.004	-0.939
261	2.60	-2.451	-3.369	-3.894	-4.389	-5.061	-5.743	-5.897	-4.885	-2.357	-1.444
271	2.70	5.636	8.979	10.354	9.247	5.988	1.649	-2.377	-4.916	-5.442	-4.228
281	2.80	-2.158	-0.518	0.458	-0.115	-1.727	-3.669	-5.159	-5.655	-5.036	-3.596
291	2.90	-1.888	-0.492	0.200	0.119	-0.472	-1.080	-1.159	-0.320	1.511	4.018
301	3.00	6.557	8.364	8.714	7.373	4.539	0.915	-2.521	-4.830	-5.425	-4.252
311	3.10	-1.802	1.101	3.594	5.065	5.323	4.591	3.343	2.079	1.120	0.521
321	3.20	0.107	-0.392	-1.175	-2.263	-3.475	-4.505	-5.042	-4.906	-4.111	-2.861
331	3.30	-1.465	-0.223	0.680	1.225	1.550	1.779	2.114	2.571	3.066	3.453
341	3.40	3.614	3.531	3.303	3.090	3.010	3.061	3.098	2.919	2.403	1.640
351	3.50	0.968	0.868	1.745	3.492	6.351	8.943	10.618	10.604	8.710	5.353
361	3.60	1.436	-1.983	-4.090	-4.604	-3.834	-2.491	-1.334	-0.948	-1.367	-2.317
371	3.70	-3.312	-3.935	-4.011	-3.647	-3.121	-2.723	-2.621	-2.826	-3.261	-3.752
381	3.80	-4.300	-4.880	-5.501	-6.135	-6.708	-7.137	-7.393	-7.538	-7.691	-7.942
391	3.90	-8.260	-8.451	-8.222	-7.326	-5.718	-3.631	-1.518	0.128	1.003	1.149
401	4.00	0.959	1.007	1.786	3.468	5.808	8.231	10.054	10.761	10.187	8.549
411	4.10	6.340	4.128	2.381	1.365	1.141	1.617	2.617	3.906	5.204	6.194
421	4.20	6.563	6.089	4.736	2.695	0.358	-1.805	-3.402	-4.238	-4.351	-3.940
431	4.30	-3.231	-2.366	-1.359	-0.155	1.257	2.763	4.014	4.711	4.572	3.568
441	4.40	1.980	0.218	-1.152	-1.812	-1.711	-1.088	-0.366	0.127	0.118	-0.352
451	4.50	-1.075	-1.774	-2.224	-2.337	-2.140	-1.735	-1.222	-0.669	-0.120	0.366
461	4.60	0.688	0.717	0.356	-0.394	-1.591	-2.380	-3.085	-3.325	-3.101	-2.604
471	4.70	-2.126	-1.916	-2.047	-2.359	-2.522	-2.189	-1.186	0.373	2.072	3.353
481	4.80	3.729	3.002	1.366	-0.650	-2.390	-3.332	-3.293	-2.490	-1.425	-0.643
491	4.90	-0.484	-0.937	-1.659	-2.161	-2.058	-1.259	-0.023	1.176	1.873	1.840

Table 7—48—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.193	0.325	-0.299	-0.376	0.088	0.767	1.286	1.250	0.622	-0.347
511	5.10	-1.222	-1.607	-1.335	-0.533	0.462	1.298	1.792	2.012	2.199	2.597
521	5.20	3.270	4.037	4.547	4.487	3.781	2.684	1.697	1.331	1.843	3.076
531	5.30	4.498	5.435	5.378	4.227	2.325	0.288	-1.307	-2.197	-2.537	-2.772
541	5.40	-3.356	-4.438	-5.752	-6.695	-6.668	-5.328	-3.006	-0.463	1.326	1.622
551	5.50	0.284	-2.135	-4.606	-6.057	-5.840	-4.000	-1.233	1.442	3.133	3.451
561	5.60	2.623	1.323	0.314	0.083	0.664	1.592	2.354	2.497	1.935	0.938
571	5.70	-0.046	-0.638	-0.713	-0.433	-0.126	-0.100	-0.495	-1.266	-2.275	-3.438
581	5.80	-4.777	-6.372	-8.208	-10.027	-11.307	-11.428	-9.972	-7.012	-3.225	0.288
591	5.90	2.424	2.577	0.969	-1.361	-2.971	-2.643	0.027	4.368	8.851	11.702
601	6.00	11.659	8.548	3.399	-1.931	-5.497	-6.026	-3.394	1.373	6.552	10.412
611	6.10	11.846	10.688	7.652	3.917	0.628	-1.501	-2.340	-2.226	-1.696	-1.215
621	6.20	-1.010	-1.068	-1.242	-1.388	-1.450	-1.470	-1.535	-1.709	-2.000	-2.365
631	6.30	-2.741	-3.075	-3.324	-3.443	-3.366	-3.009	-2.329	-1.352	-0.212	0.881
641	6.40	1.701	2.106	2.100	1.833	1.536	1.613	1.546	1.862	2.176	2.293
651	6.50	2.125	1.753	1.408	1.382	1.898	2.995	4.493	6.033	7.191	7.621
661	6.60	7.159	5.883	4.078	2.153	0.523	-0.497	-0.753	-0.261	0.834	2.334
671	6.70	4.048	5.832	7.574	9.146	10.345	10.877	10.398	8.630	5.516	1.340
681	6.80	-3.248	-7.346	-10.047	-10.727	-9.289	-6.235	-2.537	0.667	2.443	2.353
691	6.90	0.564	-2.282	-5.351	-7.955	-9.777	-10.910	-11.702	-12.494	-13.395	-14.195
701	7.00	-16.464	-13.785	-12.008	-9.380	-6.495	-4.064	-2.614	-2.244	-2.556	-2.807
711	7.10	-2.220	-0.338	2.739	6.320	9.326	10.654	9.579	6.045	0.736	-5.091
721	7.20	-9.972	-12.669	-12.546	-9.752	-5.167	-0.115	4.065	6.342	6.469	4.849
731	7.30	2.451	0.438	-0.243	0.822	3.389	6.669	9.620	11.323	11.301	9.662
741	7.40	7.045	4.367	2.503	1.992	2.892	4.824	7.163	9.311	10.925	12.003
751	7.50	12.804	13.649	14.691	15.743	16.565	16.563	15.709	14.331	13.238	13.386
761	7.60	15.378	18.980	22.916	25.116	25.389	24.345	21.110	-11.388	-26.958	-39.103
771	7.70	-45.295	-44.885	-39.319	-31.519	-24.690	-21.062	-21.124	-23.654	-26.520	-27.820
781	7.80	-26.805	-24.125	-21.299	-19.701	-19.606	-19.868	-18.290	-12.942	-3.171	9.613
791	7.90	22.191	30.667	32.025	25.443	12.786	-1.961	-14.058	-19.627	-16.861	-6.420
801	8.00	9.056	26.006	41.098	52.048	57.926	58.981	56.233	51.058	44.685	38.997
811	8.10	34.358	31.404	29.865	28.715	26.410	21.387	12.687	0.467	-13.855	-27.933
821	8.20	-39.192	-45.627	-46.378	-41.879	-33.546	-23.200	-12.488	-2.562	6.643	12.993
831	8.30	18.092	21.048	21.554	19.484	15.065	8.904	1.805	-5.527	-12.750	-19.965
841	8.40	-27.567	-35.913	-44.981	-54.181	-62.430	-68.458	-71.241	-70.355	-66.129	-59.504
851	8.50	-51.677	-43.675	-36.034	-28.720	-21.335	-13.512	-5.320	2.525	6.770	12.064
861	8.60	11.560	7.408	0.901	-5.872	-10.781	-12.512	-11.555	-8.210	-5.930	-6.231
871	8.70	-9.634	-14.735	-18.506	-17.389	-8.768	7.788	30.056	53.702	73.650	85.732
881	8.80	87.993	81.141	68.054	52.602	38.308	27.374	20.361	16.518	14.488	13.018
891	8.90	11.397	9.538	7.789	6.655	6.576	7.821	10.465	14.386	19.267	24.614
901	9.00	29.866	34.443	38.109	40.823	42.721	43.835	43.822	41.864	36.991	28.389
911	9.10	16.152	1.497	-13.375	-25.918	-34.136	-37.326	-36.333	-33.170	-30.202	-29.252
921	9.20	-31.066	-35.324	-41.117	-47.542	-54.046	-60.313	-65.825	-69.436	-69.370	-65.820
931	9.30	-51.922	-46.650	-15.059	2.423	13.685	15.603	9.160	-2.695	-15.093	-23.577
941	9.40	-25.768	-22.200	-15.803	-10.335	-8.698	-10.653	-14.706	-17.197	-15.042	-7.080
951	9.50	5.313	18.789	29.496	34.750	33.999	29.076	23.047	18.880	16.161	20.557
961	9.60	24.171	26.536	25.746	21.262	13.919	5.638	-1.581	-6.289	-7.981	-7.023
971	9.70	-4.268	-0.590	3.436	7.613	11.975	14.540	21.211	25.535	28.991	31.094
981	9.80	31.606	30.468	28.797	26.745	25.261	24.806	25.352	26.317	26.713	25.488
991	9.90	21.935	16.022	8.511	0.761	-5.800	-9.988	-11.397	-10.330	-7.521	-3.684

Table 7—48—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1141 902-GR-1-57 TR. (HD.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	0.828	6.038	11.988	18.197	23.274	25.012	21.096	10.203	-6.964	-27.278
1011	10.10	-45.792	-57.279	-58.197	-48.282	-31.017	-12.660	0.045	2.229	-6.998	-24.214
1021	10.20	-42.948	-56.162	-58.949	-50.316	-33.356	-13.790	2.442	11.471	12.714	8.582
1031	10.30	2.940	-0.850	-1.382	0.491	2.544	2.673	0.204	-5.708	-6.750	-6.826
1041	10.40	-3.385	2.049	6.450	6.741	1.414	-8.476	-19.469	-26.980	-27.140	-18.399
1051	10.50	-2.174	17.670	36.269	49.360	54.612	52.015	43.322	31.199	18.302	6.734
1061	10.60	-2.066	-7.214	-8.336	-5.698	-0.473	5.219	8.688	7.556	0.845	-10.243
1071	10.70	-22.330	-30.854	-31.752	-23.198	-6.593	13.683	31.763	42.441	43.097	34.563
1081	10.80	20.571	6.044	-4.983	-10.894	-12.813	-13.624	-16.238	-21.941	-29.648	-36.395
1091	10.90	-38.827	-34.946	-25.259	-12.759	-1.701	4.258	3.737	-1.679	-8.049	-10.745
1101	11.00	-6.463	5.288	21.869	38.466	49.918	52.642	45.865	31.730	14.295	-2.073
1111	11.10	-14.214	-20.996	-23.213	-22.724	-21.340	-19.999	-18.569	-16.297	-12.575	-7.566
1121	11.20	-2.349	1.519	2.782	1.194	-2.223	-5.541	-6.757	-4.698	0.618	7.037
1131	11.30	12.918	16.046	15.401	11.241	4.796	-2.391	-9.141	-14.970	-19.936	-24.146
1141	11.40	-27.252	-28.267	-25.879	-19.139	-8.194	5.342	18.631	28.447	32.281	29.265
1151	11.50	20.520	8.775	-2.592	-10.690	-14.000	-12.691	-8.321	-3.104	0.919	2.489
1161	11.60	1.347	-1.931	-6.342	-10.885	-14.863	-17.990	-20.319	-22.075	-23.474	-24.585
1171	11.70	-25.266	-25.180	-23.881	-20.947	-16.135	-9.504	-1.451	7.340	16.038	23.861
1181	11.80	30.106	34.414	36.569	36.466	34.270	30.285	25.107	19.638	14.961	12.078
1191	11.90	11.564	13.286	16.356	19.372	20.931	20.149	17.046	12.560	8.087	5.085
1201	12.00	4.320	5.684	8.292	10.908	12.484	12.544	11.260	9.233	7.112	5.287
1211	12.10	3.782	2.396	0.954	-0.506	-1.731	-2.456	-2.679	-2.814	-3.607	-5.785
1221	12.20	-9.602	-14.543	-19.285	-22.127	-21.611	-17.173	-9.488	-0.365	7.813	12.880
1231	12.30	13.626	10.166	3.820	-3.408	-9.605	-13.585	-15.194	-15.174	-14.675	-14.650
1241	12.40	-15.406	-16.517	-17.124	-16.471	-14.426	-11.695	-9.612	-9.532	-12.113	-16.799
1251	12.50	-21.814	-24.727	-23.619	-17.048	-6.593	5.322	15.312	20.491	19.594	13.481
1261	12.60	4.780	-3.188	-7.764	-7.978	-4.835	-0.723	1.763	1.049	-2.694	-7.647
1271	12.70	-11.197	-11.148	-6.731	1.027	9.732	16.617	19.660	18.330	13.669	7.731
1281	12.80	2.676	-0.074	-0.255	1.352	3.453	4.892	5.127	4.334	3.171	2.361
1291	12.90	2.323	3.020	4.059	4.956	5.402	5.416	5.308	5.520	6.430	8.222
1301	13.00	10.866	14.173	17.870	21.634	25.063	27.648	28.783	27.693	24.654	19.231
1311	13.10	12.404	5.501	0.078	-2.552	-1.800	1.914	7.207	12.123	14.771	13.961
1321	13.20	9.623	2.828	-4.401	-10.750	-14.288	-14.914	-13.406	-11.243	-10.018	-10.806
1331	13.30	-13.791	-18.253	-22.896	-26.576	-27.797	-26.991	-24.499	-21.284	-16.333	-16.306
1341	13.40	-15.371	-15.250	-15.436	-15.463	-15.101	-14.619	-13.693	-13.228	-13.170	-13.597
1351	13.50	-13.530	-13.069	-11.609	-9.040	-5.680	-2.252	0.294	1.089	-0.330	-3.763
1361	13.60	-8.307	-12.542	-14.940	-14.352	-10.422	-3.762	4.303	11.980	17.775	20.879
1371	13.70	21.391	20.184	18.476	17.314	17.167	17.821	18.579	18.682	17.726	15.892
1381	13.80	13.852	12.448	12.257	13.276	14.876	16.079	15.969	14.111	10.744	6.671
1391	13.90	2.908	0.251	-1.028	-1.235	-1.039	-1.125	-1.864	-3.179	-4.629	-5.657
1401	14.00	-5.854	-5.117	-3.627	-1.711	0.319	2.234	3.836	4.850	4.869	3.441
1411	14.10	0.319	-4.252	-9.382	-13.652	-15.542	-14.021	-9.053	-1.767	5.842	11.598
1421	14.20	13.954	12.585	8.489	3.556	-0.225	-1.580	-0.426	2.169	4.526	5.104
1431	14.30	3.141	-1.085	-6.467	-11.594	-15.334	-17.205	-17.391	-16.467	-15.006	-13.288
1441	14.40	-11.261	-8.720	-5.598	-2.168	0.960	3.051	3.557	2.367	-0.125	-3.174
1451	14.50	-5.957	-7.857	-8.608	-8.283	-7.157	-5.543	-3.698	-1.822	-0.127	1.122
1461	14.60	1.667	1.274	0.078	-1.545	-2.959	-3.511	-2.816	-0.968	1.449	3.571
1471	14.70	4.622	4.276	2.841	1.163	0.270	0.915	3.200	6.498	9.692	11.669
1481	14.80	11.832	10.404	8.364	7.021	7.408	9.759	13.335	16.681	18.236	17.034
1491	14.90	13.186	7.799	2.709	-0.472	-0.958	0.851	3.566	5.457	5.258	2.781

Table 7—48—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1141 902-GR-1-57 TR. (HD.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-0.966	-4.207	-5.190	-2.991	2.025	8.289	13.601	15.963	14.288	8.732
1511	15.10	0.535	-8.496	-16.616	-22.615	-25.975	-26.738	-25.230	-21.816	-16.828	-10.619
1521	15.20	-3.854	2.726	8.116	11.458	12.310	10.839	7.801	4.298	1.417	-0.109
1531	15.30	-0.076	1.211	3.145	5.079	6.561	7.330	7.485	7.171	6.557	5.748
1541	15.40	4.776	3.641	2.362	1.002	-0.345	-1.602	-2.766	-3.938	-5.319	-7.143
1551	15.50	-9.582	-12.635	-16.067	-19.416	-22.105	-23.632	-23.764	-22.664	-20.868	-19.110
1561	15.60	-18.029	-17.906	-18.527	-19.264	-19.349	-18.227	-15.807	-12.501	-9.023	-6.022
1571	15.70	-3.769	-2.030	-0.230	2.188	5.389	8.955	12.022	13.674	13.439	11.602
1581	15.80	9.181	7.542	7.811	10.357	14.598	19.229	22.763	24.157	23.222	20.656
1591	15.90	17.695	15.560	14.962	15.868	17.608	19.229	19.909	19.262	17.396	14.788
1601	16.00	12.068	9.716	8.162	7.578	8.022	9.436	11.516	14.181	16.591	18.249
1611	16.10	18.673	17.678	15.460	12.534	9.562	7.011	5.158	3.841	2.645	1.077
1621	16.20	-1.255	-4.516	-8.633	-13.346	-18.272	-22.963	-26.925	-29.669	-30.801	-30.153
1631	16.30	-27.911	-24.653	-21.232	-18.539	-17.200	-17.373	-18.718	-20.593	-22.361	-23.679
1641	16.40	-24.590	-25.392	-26.319	-27.244	-27.558	-26.339	-22.769	-16.592	-8.398	0.442
1651	16.50	8.203	13.418	15.424	14.587	12.110	9.511	8.003	8.051	9.295	10.831
1661	16.60	11.711	11.594	9.955	7.967	6.159	5.030	4.634	4.622	4.520	4.057
1671	16.70	3.382	3.031	3.665	5.712	9.087	13.142	16.875	19.307	19.849	18.502
1681	16.80	15.817	12.627	9.708	7.505	6.041	5.013	4.009	2.728	1.086	-0.791
1691	16.90	-2.682	-4.388	-5.785	-6.803	-7.345	-7.245	-6.296	-4.378	-1.607	1.576
1701	17.00	4.468	6.204	6.236	4.384	1.031	-3.000	-6.726	-9.331	-10.414	-10.060
1711	17.10	-8.703	-6.895	-5.075	-3.466	-2.125	-1.088	-0.506	-0.657	-1.814	-4.011
1721	17.20	-6.864	-9.550	-11.018	-10.361	-7.206	-1.922	4.441	10.505	15.054	17.447
1731	17.30	17.786	16.769	15.292	14.008	13.047	12.016	10.275	7.348	3.249	-1.435
1741	17.40	-5.736	-8.705	-9.805	-9.128	-7.335	-5.358	-4.001	-3.643	-4.144	-4.999
1751	17.50	-5.638	-5.712	-5.247	-4.590	-4.212	-4.462	-5.413	-6.845	-8.380	-9.461
1761	17.60	-10.504	-10.933	-11.112	-11.204	-11.256	-11.152	-10.666	-9.559	-7.694	-5.092
1771	17.70	-1.925	1.537	4.991	8.150	10.763	12.631	13.620	13.713	13.047	11.934
1781	17.80	10.814	10.137	10.209	11.055	12.367	13.575	14.025	13.214	10.982	7.599
1791	17.90	3.697	0.084	-2.510	-3.643	-3.275	-1.745	0.376	2.480	4.114	5.098
1801	18.00	5.535	5.727	6.019	6.445	7.601	8.610	9.183	8.770	6.958	3.653
1811	18.10	-0.817	-5.729	-10.135	-13.123	-14.106	-13.015	-10.359	-7.057	-4.149	-2.458
1821	18.20	-2.320	-3.510	-5.363	-7.093	-7.995	-7.947	-7.197	-6.346	-6.023	-6.594
1831	18.30	-7.977	-9.666	-10.945	-11.188	-10.128	-7.974	-5.324	-2.918	-1.344	-0.821
1841	18.40	-1.142	-1.804	-2.244	-2.073	-1.218	0.103	1.518	2.701	3.511	4.019
1851	18.50	4.418	4.857	5.304	5.512	5.090	3.680	1.134	-2.376	-6.371	-10.194
1861	18.60	-13.202	-14.948	-15.290	-14.392	-12.644	-10.532	-8.513	-6.917	-5.898	-5.422
1871	18.70	-5.282	-5.144	-4.632	-3.435	-1.436	1.216	4.068	6.492	7.866	7.810
1881	18.80	6.368	4.066	1.678	0.147	0.073	1.574	4.221	7.197	9.605	10.806
1891	18.90	10.641	9.472	8.006	7.015	7.039	8.213	10.250	12.582	14.584	15.778
1901	19.00	15.966	15.239	13.910	12.390	11.052	10.162	9.766	9.729	9.754	9.472
1911	19.10	8.583	6.986	4.874	2.727	1.179	0.796	1.827	4.057	6.826	9.244
1921	19.20	10.516	10.260	8.653	6.351	4.184	2.780	2.268	2.222	1.845	0.453
1931	19.30	-2.339	-6.243	-10.525	-13.614	-15.243	-14.945	-13.138	-10.748	-8.840	-8.212
1941	19.40	-9.129	-11.292	-14.030	-16.605	-18.469	-19.510	-19.812	-19.708	-19.487	-19.291
1951	19.50	-19.085	-18.717	-18.017	-16.886	-15.327	-13.664	-11.495	-9.462	-8.210	-7.328
1961	19.60	-7.079	-7.331	-7.719	-7.695	-6.659	-4.171	-0.150	5.007	10.469	15.184
1971	19.70	18.191	18.942	17.489	14.486	10.979	8.081	6.633	6.971	8.878	11.710
1981	19.80	14.636	16.915	18.091	18.083	17.141	15.705	14.231	13.045	12.263	11.795
1991	19.90	11.425	10.930	10.176	9.177	8.069	7.031	6.176	5.488	4.811	3.935

Table 7—48—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1141 902-GR-1-57 FR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.714	1.204	-0.317	-1.415	-1.672	-0.892	0.751	2.699	4.157	4.354
2011	20.10	2.830	-0.371	-4.676	-9.137	-12.737	-14.693	-14.693	-12.965	-10.174	-7.197
2021	20.20	-4.850	-3.674	-3.822	-5.080	-6.983	-8.979	-10.596	-11.546	-11.761	-11.382
2031	20.30	-10.657	-9.862	-9.203	-8.770	-8.521	-8.317	-7.979	-7.358	-6.388	-5.111
2041	20.40	-3.871	-2.271	-1.115	-0.362	0.020	0.074	0.046	0.179	0.706	1.708
2051	20.50	3.078	4.543	5.718	6.415	6.488	6.187	5.999	6.464	7.838	10.063
2061	20.60	12.490	14.126	15.953	17.367	6.513	0.385	-5.411	-9.167	-9.672	-6.692
2071	20.70	-1.103	5.366	10.714	13.351	12.620	8.970	3.722	-1.464	-5.196	-6.793
2081	20.80	-6.416	-4.853	-3.106	-1.953	-1.693	-2.133	-2.809	-3.289	-3.413	-3.355
2091	20.90	-3.488	-4.139	-5.387	-6.968	-8.384	-9.127	-8.925	-7.876	-6.407	-5.076
2101	21.00	-4.299	-4.164	-4.364	-4.350	-3.584	-1.807	0.818	3.736	6.205	7.577
2111	21.10	7.535	6.197	4.041	1.705	-0.240	-1.462	-1.902	-1.697	-1.061	-0.072
2121	21.20	1.149	2.578	4.077	5.342	5.922	5.355	3.360	0.017	-4.175	-8.382
2131	21.30	-11.672	-13.300	-12.967	-10.823	-7.585	-4.108	-1.202	0.462	1.369	1.327
2141	21.40	1.096	1.263	2.221	4.051	6.523	9.199	11.523	13.231	13.941	13.701
2151	21.50	12.708	11.294	9.861	8.689	8.069	8.046	8.507	9.179	9.696	9.700
2161	21.60	8.950	7.615	5.303	3.009	0.999	-0.360	-0.830	-0.556	0.177	0.968
2171	21.70	1.471	1.594	1.030	0.185	-0.932	-2.295	-3.968	-6.011	-8.344	-10.638
2181	21.80	-12.324	-12.756	-11.463	-8.413	-4.136	0.373	3.927	5.572	4.929	2.362
2191	21.90	-1.235	-4.591	-6.684	-6.988	-5.426	-3.244	-0.712	1.218	2.143	2.070
2201	22.00	1.306	0.255	-0.752	-1.544	-2.089	-2.627	-2.601	-2.651	-2.655	-2.766
2211	22.10	-3.197	-4.145	-5.665	-7.583	-9.489	-10.870	-11.298	-10.621	-9.041	-7.038
2221	22.20	-5.175	-3.858	-3.184	-2.961	-2.753	-2.300	-1.490	-0.496	0.362	0.826
2231	22.30	0.886	0.826	1.116	2.178	4.152	6.781	9.488	11.605	12.661	12.585
2241	22.40	11.727	10.693	10.056	10.091	10.635	11.258	11.292	10.332	8.281	5.517
2251	22.50	2.642	0.315	-1.019	-1.375	-0.937	-0.215	0.299	0.276	-0.375	-1.526
2261	22.60	-2.923	-4.297	-5.442	-6.251	-6.700	-6.820	-6.675	-6.349	-5.940	-5.565
2271	22.70	-5.243	-5.053	-4.925	-4.744	-4.384	-3.772	-2.936	-2.018	-1.230	-0.760
2281	22.80	-0.681	-0.903	-1.182	-1.217	-0.770	0.221	1.604	3.055	4.196	4.738
2291	22.90	4.588	3.870	2.863	1.870	1.089	0.535	0.053	-0.586	-1.552	-2.838
2301	23.00	-4.233	-5.371	-5.878	-5.516	-4.302	-2.518	-0.626	0.893	1.711	1.766
2311	23.10	1.275	0.650	0.336	0.645	1.667	3.148	4.767	6.074	6.736	6.619
2321	23.20	5.818	4.599	3.302	2.219	1.514	1.193	1.132	1.152	1.091	0.872
2331	23.30	0.515	0.119	-0.193	-0.332	-0.283	-0.108	0.082	0.181	0.143	0.009
2341	23.40	-0.107	-0.064	0.230	0.757	1.371	1.823	1.847	1.266	0.065	-1.555
2351	23. 0	-3.237	-4.561	-5.181	-4.929	-3.875	-2.299	-0.594	0.859	1.808	2.189
2361	23.60	2.421	1.838	1.586	1.535	1.717	2.024	2.280	2.204	1.697	0.685
2371	23.70	-0.758	-2.451	-4.156	-5.634	-6.692	-7.217	-7.178	-6.621	-5.642	-4.375
2381	23.80	-2.979	-1.629	-0.501	0.246	0.519	0.326	-0.198	-0.808	-1.216	-1.192
2391	23.90	-0.662	0.233	1.160	1.699	1.511	0.488	-1.162	-2.948	-4.248	-4.522
2401	24.00	-3.504	-1.305	1.617	4.625	7.109	8.680	9.261	9.052	8.400	7.639
2411	24.10	6.963	6.388	5.804	5.076	4.134	3.015	1.859	0.735	-0.225	-1.067
2421	24.20	-1.889	-2.795	-3.818	-4.884	-5.826	-6.451	-6.629	-6.355	-5.771	-5.108
2431	24.30	-4.599	-4.388	-4.470	-4.703	-4.878	-4.818	-4.463	-3.915	-3.391	-3.144
2441	24.40	-3.339	-3.980	-4.895	-5.803	-6.431	-6.631	-6.448	-6.059	-5.675	-5.383
2451	24.50	-5.033	-4.241	-2.530	0.450	4.692	9.706	14.585	18.241	19.753	18.702
2461	24.60	15.336	10.520	5.662	1.327	-1.118	-1.702	-0.813	0.819	2.427	3.477
2471	24.70	3.784	3.475	2.835	2.128	1.498	0.961	0.486	0.091	-0.124	-0.020
2481	24.80	0.478	1.275	2.087	2.516	2.315	1.052	-0.798	-2.892	-4.682	-5.727
2491	24.90	-5.861	-5.245	-4.267	-3.352	-2.772	-2.532	-2.404	-2.061	-1.256	0.068

Table 7—48—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	1.668	3.305	4.700	5.760	6.582	7.362	8.229	9.108	9.687	9.513
2511	25.10	8.204	5.658	2.174	-1.597	-4.853	-6.924	-7.515	-6.809	-5.374	-3.926
2521	25.20	-3.046	-2.966	-3.505	-4.187	-4.463	-3.948	-2.565	-0.562	1.609	3.471
2531	25.30	4.684	5.130	4.894	4.187	3.238	2.223	1.250	0.376	-0.358	-0.897
2541	25.40	-1.196	-1.244	-1.090	-0.834	-0.598	-0.471	-0.471	-0.537	-0.561	-0.546
2551	25.50	-0.157	0.256	0.672	0.945	0.955	0.637	-0.012	-0.954	-2.135	-3.494
2561	25.60	-4.956	-6.413	-7.714	-8.686	-9.171	-9.080	-8.427	-7.328	-5.961	-4.496
2571	25.70	-3.041	-1.625	-0.224	1.178	2.534	3.723	4.586	5.007	4.982	4.665
2581	25.80	4.215	3.885	3.700	3.495	2.924	1.609	-0.673	-3.821	-7.366	-10.570
2591	25.90	-12.659	-13.097	-11.784	-9.110	-5.821	-2.755	-0.559	0.508	0.612	0.211
2601	26.00	-0.178	-0.196	0.233	0.928	1.585	1.959	1.986	1.800	1.662	1.718
2611	26.10	2.079	2.593	3.019	3.149	2.939	2.569	2.387	2.771	3.963	5.950
2621	26.20	8.448	10.995	13.103	14.420	14.825	14.431	13.500	12.331	11.143	10.030
2631	26.30	8.963	7.854	6.623	5.249	3.782	2.314	0.930	-0.327	-1.478	-2.589
2641	26.40	-3.729	-4.926	-6.123	-7.179	-7.895	-8.074	-7.597	-6.473	-4.871	-3.086
2651	26.50	-1.468	-0.332	0.735	-0.088	-0.859	-1.939	-3.078	-4.097	-4.923	-5.588
2661	26.60	-6.173	-6.752	-7.344	-7.905	-8.353	-8.613	-8.646	-8.472	-8.149	-7.747
2671	26.70	-7.325	-6.917	-6.541	-6.203	-5.906	-5.633	-5.339	-4.922	-4.256	-3.224
2681	26.80	-1.776	0.020	1.969	3.786	5.183	5.959	6.021	5.652	4.958	4.287
2691	26.90	3.860	3.853	4.188	4.763	5.417	6.016	6.484	6.812	7.029	7.174
2701	27.00	7.266	7.297	7.242	7.067	6.750	6.278	5.650	4.871	3.948	2.893
2711	27.10	1.721	0.460	-0.858	-2.199	-3.528	-4.810	-6.006	-7.065	-7.922	-8.492
2721	27.20	-8.687	-8.432	-7.689	-6.483	-4.916	-3.164	-1.452	-0.015	0.964	1.397
2731	27.30	1.527	0.909	0.370	-0.064	-0.247	-0.150	0.140	0.467	0.688	0.735
2741	27.40	0.642	0.521	0.494	0.626	0.884	1.151	1.291	1.239	0.956	0.618
2751	27.50	0.360	0.289	0.405	0.594	0.696	0.592	0.283	-0.097	-0.345	-0.310
2761	27.60	0.011	0.625	0.612	0.254	-0.807	-2.473	-4.403	-6.130	-7.226	-7.457
2771	27.70	-6.828	-5.561	-3.858	-1.977	0.031	2.186	4.484	6.777	8.734	9.908
2781	27.80	9.909	8.600	6.221	3.361	0.782	-0.857	-1.253	-0.588	0.536	1.332
2791	27.90	1.143	-0.288	-2.712	-5.457	-7.687	-8.705	-8.214	-6.401	-3.849	-1.308
2801	28.00	0.578	1.477	1.437	0.815	0.082	-0.352	-0.301	0.180	0.865	1.492
2811	28.10	1.888	2.037	2.062	2.146	2.430	2.951	3.635	4.360	5.035	5.667
2821	28.20	6.364	7.281	8.517	10.033	11.613	12.923	13.620	13.489	12.565	11.036
2831	28.30	9.365	7.936	6.998	6.554	6.357	6.021	5.173	3.615	1.401	-1.170
2841	28.40	-3.671	-5.692	-6.982	-7.517	-7.678	-7.162	-6.847	-6.697	-6.713	-6.767
2851	28.50	-6.677	-6.311	-5.651	-4.812	-4.000	-3.435	-3.274	-3.552	-4.181	-4.979
2861	28.60	-5.739	-6.291	-6.542	-6.519	-6.294	-6.000	-5.752	-5.619	-5.600	-5.630
2871	28.70	-5.605	-5.428	-5.018	-4.405	-3.666	-2.940	-2.375	-2.072	-2.047	-2.226
2881	28.80	-2.666	-2.618	-2.587	-2.372	-2.063	-1.794	-1.677	-1.739	-1.910	-2.055
2891	28.90	-2.047	-1.840	-1.503	-1.192	-1.076	-1.234	-1.594	-1.946	-2.019	-1.606
2901	29.00	-0.673	0.609	1.917	2.904	3.342	3.209	2.689	2.074	1.629	1.473
2911	29.10	1.569	1.672	1.656	1.425	1.067	0.801	0.867	1.404	2.370	3.554
2921	29.20	4.670	5.486	5.924	6.087	6.198	6.483	7.055	7.857	8.684	9.270
2931	29.30	9.397	8.979	8.079	6.866	5.535	4.258	3.043	1.941	0.888	-0.158
2941	29.40	-1.205	-2.234	-3.217	-4.138	-4.999	-5.811	-6.572	-7.247	-7.770	-8.058
2951	29.50	-8.045	-7.708	-7.085	-6.270	-5.389	-4.572	-3.916	-3.643	-3.187	-3.002
2961	29.60	-2.783	-2.398	-1.746	-0.792	0.418	1.767	3.096	4.247	5.123	5.695
2971	29.70	6.006	6.145	6.203	6.239	6.266	6.245	6.205	6.067	5.858	5.598
2981	29.80	5.306	4.979	4.588	4.093	3.458	2.673	1.750	0.713	-0.417	-1.634
2991	29.90	-2.935	-4.301	-5.669	-6.927	-7.932	-8.553	-8.724	-8.479	-7.949	-7.329

Table 7—48—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.61 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-6.811	-6.522	-6.491	-6.651	-6.878	-7.040	-7.015	-6.860	-6.305	-6.034
3011	30.10	-5.513	-5.008	-4.574	-4.256	-4.073	-4.007	-3.985	-3.886	-3.562	-2.890
3021	30.20	-1.819	-0.407	1.183	2.732	4.030	4.946	5.467	5.686	5.760	5.845
3031	30.30	6.039	6.363	6.771	7.188	7.548	7.817	7.997	8.105	8.163	8.182
3041	30.40	8.170	8.137	8.100	8.080	8.088	8.112	8.110	8.028	7.812	7.633
3051	30.50	6.891	6.212	5.433	4.586	3.700	2.807	1.957	1.217	0.646	0.269
3061	30.60	0.041	-0.156	-0.482	-1.074	-1.980	-3.123	-4.306	-5.291	-5.879	-5.998
3071	30.70	-5.722	-5.233	-4.742	-4.395	-4.231	-4.185	-4.148	-4.036	-3.821	-3.561
3081	30.80	-3.234	-2.895	-2.462	-1.843	-0.992	0.033	1.058	1.851	2.236	2.185
3091	30.90	1.858	1.536	1.474	1.755	2.202	2.428	1.998	0.442	-1.581	-4.260
3101	31.00	-6.759	-8.462	-9.006	-8.424	-7.101	-5.606	-4.442	-3.862	-3.810	-4.010
3111	31.10	-4.143	-4.016	-3.662	-3.195	-2.885	-2.816	-2.918	-2.981	-2.773	-2.163
3121	31.20	-1.199	-0.084	0.924	1.636	2.017	2.182	2.321	2.584	3.003	3.478
3131	31.30	3.836	3.920	3.667	3.151	2.449	1.775	1.218	0.821	0.575	0.453
3141	31.40	0.436	0.507	0.632	0.737	0.719	0.484	0.010	-0.615	-1.196	-1.501
3151	31.50	-1.353	-0.716	0.284	1.397	2.365	3.028	3.386	3.582	3.818	4.243
3161	31.60	4.869	5.564	6.105	6.291	6.028	5.372	4.500	3.634	2.952	2.536
3171	31.70	2.368	2.365	2.430	2.495	2.517	2.472	2.325	2.023	1.512	0.760
3181	31.80	-0.220	-1.367	-2.592	-3.810	-4.962	-6.018	-6.960	-7.763	-8.375	-8.755
3191	31.90	-8.799	-8.572	-8.126	-7.579	-7.058	-6.647	-6.362	-6.145	-5.904	-5.557
3201	32.00	-5.066	-4.455	-3.784	-3.124	-2.513	-1.957	-1.440	-0.941	-0.453	0.018
3211	32.10	0.462	0.889	1.327	1.816	2.378	2.999	3.621	4.165	4.567	4.808
3221	32.20	4.927	5.000	5.103	5.276	5.504	5.732	5.902	5.987	6.000	5.977
3231	32.30	5.934	5.830	5.569	5.028	4.121	2.860	1.376	-0.114	-1.378	-2.255
3241	32.40	-2.705	-2.813	-2.734	-2.615	-2.536	-2.487	-2.408	-2.264	-2.004	-1.768
3251	32.50	-1.651	-1.739	-2.033	-2.433	-2.775	-2.911	-2.780	-2.439	-2.040	-1.754
3261	32.60	-1.687	-1.828	-2.051	-2.178	-2.062	-1.659	-1.052	-0.411	0.082	0.307
3271	32.70	0.256	0.018	-0.270	-0.489	-0.597	-0.641	-0.726	-0.963	-1.404	-2.012
3281	32.80	-2.665	-3.188	-3.416	-3.245	-2.672	-1.790	-0.766	0.220	1.021	1.574
3291	32.90	1.906	2.118	2.340	2.678	3.179	3.817	4.518	5.199	5.808	6.339
3301	33.00	6.813	7.249	7.620	7.868	7.826	7.471	6.780	5.852	4.858	3.971
3311	33.10	3.283	2.750	2.199	1.402	0.190	-1.461	-3.388	-5.293	-6.850	-7.828
3321	33.20	-8.173	-8.015	-7.592	-7.148	-6.836	-6.684	-6.621	-6.556	-6.432	-6.279
3331	33.30	-6.161	-6.132	-6.175	-6.188	-6.034	-5.605	-4.900	-4.042	-3.228	-2.662
3341	33.40	-2.353	-2.265	-2.143	-1.701	-0.727	0.823	2.798	4.894	6.762	8.120
3351	33.50	8.838	8.949	8.618	8.057	7.459	6.945	6.558	6.279	6.065	5.874
3361	33.60	5.687	5.504	5.338	5.208	5.128	5.099	5.103	5.103	5.043	4.861
3371	33.70	4.507	3.958	3.225	2.355	1.412	0.461	-0.450	-1.286	-2.025	-2.642
3381	33.80	-3.103	-3.374	-3.438	-3.313	-3.062	-2.772	-2.530	-2.382	-2.306	-2.218
3391	33.90	-2.001	-1.560	-0.867	0.010	0.922	1.683	2.124	2.166	1.819	1.185
3401	34.00	0.411	-0.370	-1.076	-1.694	-2.268	-2.859	-3.510	-4.220	-4.963	-5.608
3411	34.10	-6.157	-6.567	-6.867	-7.113	-7.360	-7.624	-7.857	-7.950	-7.775	-7.222
3421	34.20	-6.269	-4.992	-3.562	-2.190	-1.062	-0.272	0.208	0.518	0.852	1.381
3431	34.30	2.186	3.221	4.332	5.310	5.976	6.243	6.147	5.837	5.512	5.349
3441	34.40	5.438	5.751	6.150	6.443	6.465	6.042	5.226	4.088	2.784	1.485
3451	34.50	0.326	-0.621	-1.347	-1.885	-2.279	-2.565	-2.761	-2.883	-2.965	-3.063
3461	34.60	-3.254	-3.598	-4.103	-4.701	-5.244	-5.550	-5.465	-4.927	-4.005	-2.884
3471	34.70	-1.809	-0.999	-0.565	-0.479	-0.593	-0.700	-0.631	-0.311	0.209	0.789
3481	34.80	1.267	1.523	1.535	1.370	1.148	0.989	0.960	1.059	1.234	1.413
3491	34.90	1.547	1.626	1.675	1.731	1.821	1.962	2.071	2.182	2.258	2.312

Table 7—48—8 TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.370	2.459	2.587	2.753	2.856	2.906	2.856	2.707	2.492	2.263
3511	35.10	2.071	1.946	1.893	1.896	1.927	1.960	1.976	1.956	1.897	1.787
3521	35.20	1.620	1.393	1.118	0.818	0.522	0.258	0.038	-0.142	-0.300	-0.458
3531	35.30	-0.626	-0.799	-0.954	-1.071	-1.143	-1.187	-1.245	-1.368	-1.591	-1.915
3541	35.40	-2.299	-2.677	-2.982	-3.184	-3.303	-3.418	-3.632	-4.041	-4.688	-5.544
3551	35.50	-6.511	-7.451	-8.230	-8.753	-8.983	-8.937	-8.662	-8.210	-7.622	-6.926
3561	35.60	-6.150	-5.336	-4.543	-3.830	-3.226	-2.710	-2.197	-1.565	-0.701	0.449
3571	35.70	1.837	3.317	4.684	5.743	6.379	6.597	6.519	6.331	6.213	6.269
3581	35.80	6.499	6.809	7.067	7.168	7.074	6.832	6.539	6.291	6.138	6.059
3591	35.90	5.979	5.802	5.466	4.970	4.376	3.776	3.249	2.824	2.465	2.082
3601	36.00	1.577	0.888	0.022	-0.937	-1.844	-2.537	-2.881	-2.809	-2.339	-1.568
3611	36.10	-0.648	0.256	1.009	1.530	1.808	1.893	1.864	1.795	1.728	1.660
3621	36.20	1.556	1.372	1.091	0.733	0.356	0.018	-0.241	-0.446	-0.668	-1.015
3631	36.30	-1.571	-2.353	-3.300	-4.281	-5.153	-5.808	-6.221	-6.447	-6.591	-6.753
3641	36.40	-6.987	-7.278	-7.566	-7.774	-7.869	-7.853	-7.761	-7.621	-7.422	-7.111
3651	36.50	-6.616	-5.898	-4.990	-4.006	-3.090	-2.373	-1.879	-1.532	-1.083	-0.392
3661	36.60	0.660	2.097	3.671	5.119	6.174	6.683	6.662	6.275	5.761	5.330
3671	36.70	5.096	5.045	5.080	5.084	4.987	4.793	4.567	4.379	4.259	4.168
3681	36.80	4.018	3.713	3.206	2.526	1.771	1.072	0.558	0.212	0.066	0.020
3691	36.90	-0.012	-0.085	-0.203	-0.329	-0.452	-0.424	-0.377	-0.313	-0.289	-0.338
3701	37.00	-0.456	-0.601	-0.715	-0.752	-0.699	-0.585	-0.462	-0.380	-0.361	-0.390
3711	37.10	-0.424	-0.417	-0.346	-0.220	-0.075	0.047	0.128	0.181	0.250	0.380
3721	37.20	0.593	0.866	1.147	1.379	1.540	1.665	1.840	2.160	2.671	3.332
3731	37.30	4.001	4.481	4.596	4.267	3.558	2.665	1.813	1.313	1.174	1.365
3741	37.40	1.696	1.913	1.816	1.306	0.425	-0.679	-1.814	-2.807	-3.558	-4.012
3751	37.50	-4.300	-4.406	-4.434	-4.442	-4.461	-4.494	-4.518	-4.490	-4.366	-4.119
3761	37.60	-3.758	-3.339	-2.942	-2.644	-2.468	-2.362	-2.206	-1.860	-1.231	-0.335
3771	37.70	0.693	1.641	2.302	2.562	2.449	2.118	1.779	1.600	1.645	1.864
3781	37.80	2.166	2.402	2.619	2.865	3.231	3.745	4.316	4.746	4.814	4.395
3791	37.90	3.550	2.526	1.663	1.237	1.319	1.716	2.042	1.885	0.988	-0.603
3801	38.00	-2.562	-4.398	-5.651	-6.070	-5.692	-4.795	-3.762	-2.921	-2.434	-2.287
3811	38.10	-2.355	-2.506	-2.676	-2.880	-3.167	-3.541	-3.926	-4.166	-4.113	-3.696
3821	38.20	-2.981	-2.166	-1.507	-1.212	-1.359	-1.862	-2.507	-3.037	-3.243	-3.023
3831	38.30	-2.397	-1.475	-0.405	0.672	1.650	2.464	3.088	3.524	3.808	4.006
3841	38.40	4.199	4.460	4.828	5.277	5.725	6.047	6.134	5.932	5.454	4.788
3851	38.50	4.056	3.375	2.815	2.398	2.095	1.862	1.649	1.421	1.151	0.819
3861	38.60	0.411	-0.079	-0.637	-1.223	-1.790	-2.295	-2.718	-3.086	-3.447	-3.847
3871	38.70	-4.301	-4.781	-5.220	-5.567	-5.727	-5.776	-5.758	-5.740	-5.743	-5.720
3881	38.80	-5.553	-5.114	-4.326	-3.221	-1.952	-0.749	0.166	0.661	0.743	0.548
3891	38.90	0.278	0.108	0.125	0.300	0.531	0.706	0.773	0.769	0.790	0.943
3901	39.00	1.272	1.736	2.221	2.596	2.780	2.781	2.690	2.628	2.687	2.876
3911	39.10	3.126	3.329	3.409	3.331	3.190	3.089	3.106	3.235	3.371	3.554
3921	39.20	3.047	2.418	1.572	0.720	0.099	-0.133	0.030	0.463	0.866	1.072
3931	39.30	0.939	0.495	-0.110	-0.684	-1.084	-1.285	-1.367	-1.481	-1.744	-2.185
3941	39.40	-2.721	-3.201	-3.476	-3.473	-3.226	-2.857	-2.511	-2.287	-2.195	-2.157
3951	39.50	-2.057	-1.804	-1.383	-0.868	-0.386	-0.061	0.036	-0.081	-0.331	-0.605
3961	39.60	-0.809	-0.899	-0.878	-0.780	-0.639	-0.470	-0.265	-0.012	0.290	0.625
3971	39.70	0.962	1.274	1.553	1.816	2.087	2.378	2.647	2.900	3.000	2.906
3981	39.80	2.595	2.099	1.488	0.866	0.240	-0.298	-0.765	-1.161	-1.466	-1.628
3991	39.90	-1.573	-1.237	-0.607	0.262	1.250	2.207	2.998	3.548	3.851	3.961

Table 7—48—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	3.950	3.877	3.761	3.586	3.323	2.960	2.517	2.044	1.598	1.219
4011	40.10	0.913	0.655	0.411	0.170	-0.044	-0.172	-0.168	0.066	0.452	0.926
4021	40.20	1.363	1.629	1.632	1.343	0.808	0.127	-0.582	-1.214	-1.705	-2.034
4031	40.30	-2.219	-2.303	-2.333	-2.348	-2.378	-2.436	-2.521	-2.621	-2.720	-2.804
4041	40.40	-2.866	-2.913	-2.962	-3.035	-3.142	-3.277	-3.410	-3.497	-3.492	-3.366
4051	40.50	-3.123	-2.798	-2.447	-2.130	-1.890	-1.736	-1.650	-1.588	-1.569	-1.382
4061	40.60	-1.203	-0.991	-0.780	-0.602	-0.476	-0.401	-0.354	-0.306	-0.225	-0.093
4071	40.70	0.089	0.302	0.516	0.699	0.830	0.905	0.941	0.970	1.028	1.145
4081	40.80	1.335	1.594	1.903	2.240	2.586	2.926	3.263	3.596	3.916	4.201
4091	40.90	4.418	4.530	4.514	4.370	4.130	3.849	3.589	3.403	3.310	3.294
4101	41.00	3.306	3.279	3.150	2.878	2.447	1.869	1.175	0.400	-0.416	-1.241
4111	41.10	-2.040	-2.781	-3.437	-3.991	-4.444	-4.810	-5.118	-5.388	-5.625	-5.806
4121	41.20	-5.893	-5.844	-5.648	-5.335	-4.973	-4.654	-4.452	-4.387	-4.415	-4.638
4131	41.30	-4.344	-4.060	-3.584	-2.989	-2.397	-1.918	-1.603	-1.414	-1.241	-0.948
4141	41.40	-0.440	0.295	1.172	2.042	2.752	3.203	3.381	3.356	3.242	3.142
4151	41.50	3.114	3.156	3.226	3.271	3.263	3.207	3.130	3.062	3.010	2.958
4161	41.60	2.875	2.758	2.551	2.344	2.161	2.039	1.981	1.964	1.962	1.878
4171	41.70	1.761	1.616	1.466	1.418	1.434	1.526	1.664	1.816	1.968	2.131
4181	41.80	2.332	2.598	2.927	3.283	3.597	3.789	3.796	3.590	3.189	2.647
4191	41.90	2.036	1.422	0.852	0.349	-0.087	-0.474	-0.836	-1.202	-1.601	-2.058
4201	42.00	-2.587	-3.184	-3.826	-4.466	-5.050	-5.523	-5.848	-6.016	-6.046	-5.972
4211	42.10	-5.834	-5.657	-5.440	-5.160	-4.787	-4.299	-3.706	-3.049	-2.401	-1.835
4221	42.20	-1.393	-1.072	-0.815	-0.534	-0.148	0.374	0.998	1.626	2.138	2.438
4231	42.30	2.500	2.382	2.200	2.077	2.091	2.237	2.437	2.578	2.573	2.404
4241	42.40	2.130	1.856	1.674	1.619	1.644	1.651	1.561	1.265	0.854	0.394
4251	42.50	-0.020	-0.342	-0.602	-0.886	-1.280	-1.798	-2.355	-2.779	-2.886	-2.566
4261	42.60	-1.856	-0.939	-0.089	0.442	0.520	0.186	-0.368	-0.890	-1.171	-1.133
4271	42.70	-0.866	-0.478	-0.213	-0.160	-0.319	-0.591	-0.845	-0.985	-0.993	-0.931
4281	42.80	-0.894	-0.959	-1.317	-1.324	-1.486	-1.516	-1.400	-1.176	-0.928	-0.736
4291	42.90	-0.637	-0.617	-0.618	-0.575	-0.448	-0.235	0.029	0.300	0.549	0.771
4301	43.00	0.978	1.183	1.381	1.545	1.644	1.657	1.603	1.518	1.477	1.528
4311	43.10	1.689	1.933	2.207	2.456	2.647	2.782	2.886	2.976	3.043	3.064
4321	43.20	2.918	2.623	2.169	1.623	1.095	0.692	0.469	0.402	0.403	0.353
4331	43.30	0.167	-0.168	-0.583	-0.965	-1.215	-1.298	-1.268	-1.246	-1.356	-1.666
4341	43.40	-2.150	-2.691	-3.132	-3.351	-3.312	-3.088	-2.823	-2.675	-2.762	-3.025
4351	43.50	-3.426	-3.792	-3.974	-3.877	-3.488	-2.860	-2.088	-1.263	-0.452	0.315
4361	43.60	1.035	1.722	2.390	3.052	3.714	4.374	5.017	5.615	6.114	6.466
4371	43.70	6.621	6.557	6.283	5.834	5.264	4.623	3.954	3.285	2.648	2.075
4381	43.80	1.604	1.262	1.037	0.871	0.659	0.281	-0.347	-1.235	-2.294	-3.358
4391	43.90	-4.235	-4.771	-4.908	-4.695	-4.268	-3.793	-3.405	-3.169	-3.071	-3.041
4401	44.00	-2.999	-2.886	-2.688	-2.427	-2.141	-1.866	-1.617	-1.387	-1.157	-0.903
4411	44.10	-0.606	-0.257	0.139	0.563	0.979	1.337	1.586	1.688	1.632	1.449
4421	44.20	1.195	0.931	0.700	0.504	0.307	0.063	-0.257	-0.637	-1.010	-1.286
4431	44.30	-1.390	-1.303	-1.074	-0.806	-0.614	-0.575	-0.701	-0.940	-1.202	-1.404
4441	44.40	-1.498	-1.472	-1.336	-1.092	-0.718	-0.177	0.548	1.423	2.344	3.157
4451	44.50	3.702	3.879	3.689	3.235	2.690	2.222	1.938	1.849	1.882	1.929
4461	44.60	1.898	1.761	1.550	1.333	1.173	1.088	1.049	0.996	0.874	0.666
4471	44.70	0.396	0.117	-0.119	-0.289	-0.407	-0.514	-0.651	-0.837	-1.058	-1.281
4481	44.80	-1.471	-1.615	-1.728	-1.844	-1.997	-2.195	-2.420	-2.627	-2.771	-2.823
4491	44.90	-2.784	-2.679	-2.542	-2.394	-2.232	-2.031	-1.754	-1.377	-0.899	-0.343

Table 7—48—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	0.250	0.838	1.390	1.896	2.353	2.764	3.124	3.416	3.622	3.725
4511	45.10	3.724	3.635	3.483	3.301	3.112	2.929	2.754	2.584	2.418	2.255
4521	45.20	2.100	1.952	1.810	1.683	1.507	1.340	1.173	1.022	0.901	0.808
4531	45.30	0.718	0.584	0.344	-0.055	-0.636	-1.377	-2.215	-3.056	-3.805	-4.384
4541	45.40	-4.768	-4.970	-5.039	-5.038	-5.015	-4.995	-4.973	-4.925	-4.827	-4.666
4551	45.50	-4.469	-4.198	-3.941	-3.696	-3.467	-3.242	-3.007	-2.755	-2.492	-2.240
4561	45.60	-2.019	-1.834	-1.667	-1.473	-1.195	-0.790	-0.248	0.397	1.075	1.704
4571	45.70	2.220	2.603	2.877	3.098	3.321	3.570	3.823	4.020	4.090	3.988
4581	45.80	3.721	3.567	2.958	2.638	2.433	2.327	2.260	2.152	1.944	1.622
4591	45.90	1.222	0.808	0.440	0.169	-0.077	-0.280	-0.507	-0.785	-1.104	-1.426
4601	46.00	-1.702	-1.890	-1.979	-1.979	-1.921	-1.830	-1.723	-1.604	-1.472	-1.329
4611	46.10	-1.188	-1.065	-0.970	-0.902	-0.842	-0.764	-0.649	-0.498	-0.333	-0.195
4621	46.20	-0.124	-0.165	-0.259	-0.446	-0.673	-0.906	-1.117	-1.285	-1.390	-1.412
4631	46.30	-1.334	-1.169	-0.874	-0.551	-0.241	-0.002	0.126	0.140	0.067	-0.046
4641	46.40	-0.158	-0.250	-0.322	-0.384	-0.433	-0.441	-0.352	-0.109	0.323	0.929
4651	46.50	1.667	2.390	3.078	3.681	4.225	4.775	5.396	6.102	6.833	7.460
4661	46.60	7.826	7.810	7.374	6.586	5.600	4.599	3.736	3.081	2.613	2.241
4671	46.70	1.857	1.381	0.797	0.155	-0.461	-0.970	-1.326	-1.542	-1.674	-1.801
4681	46.80	-1.993	-2.280	-2.649	-3.045	-3.390	-3.614	-3.674	-3.566	-3.329	-3.030
4691	46.90	-2.740	-2.516	-2.377	-2.302	-2.239	-2.127	-1.925	-1.631	-1.290	-0.978
4701	47.00	-0.773	-0.724	-0.828	-1.032	-1.249	-1.395	-1.413	-1.297	-1.083	-0.833
4711	47.10	-0.601	-0.417	-0.281	-0.173	-0.075	0.019	0.095	0.133	0.121	0.066
4721	47.20	-0.001	-0.040	-0.023	0.054	0.163	0.261	0.313	0.305	0.257	0.210
4731	47.30	0.206	0.267	0.387	0.539	0.695	0.851	1.037	1.302	1.694	2.225
4741	47.40	2.850	3.471	3.987	4.232	4.216	3.947	3.536	3.050	2.668	2.421
4751	47.50	2.321	2.306	2.296	2.221	2.051	1.807	1.546	1.332	1.208	1.172
4761	47.60	1.177	1.145	0.997	0.686	0.203	-0.403	-1.058	-1.687	-2.242	-2.721
4771	47.70	-3.162	-3.626	-4.169	-4.810	-5.523	-6.260	-6.876	-7.360	-7.654	-7.766
4781	47.80	-7.740	-7.633	-7.500	-7.374	-7.263	-7.158	-7.040	-6.885	-6.666	-6.350
4791	47.90	-5.898	-5.278	-4.677	-3.516	-2.657	-1.393	-0.422	0.376	0.963	1.352
4801	48.00	1.590	1.737	1.840	1.926	2.000	2.066	2.132	2.219	2.349	2.526
4811	48.10	2.720	2.874	2.922	2.825	2.597	2.312	2.085	2.028	2.200	2.570
4821	48.20	3.066	3.520	3.812	3.874	3.724	3.451	3.174	2.992	2.944	3.002
4831	48.30	3.086	3.108	3.008	2.782	2.474	2.163	1.922	1.798	1.794	1.874
4841	48.40	1.986	2.065	2.072	1.983	1.799	1.536	1.224	0.897	0.583	0.305
4851	48.50	0.070	-0.132	-0.326	-0.541	-0.797	-1.093	-1.402	-1.670	-1.840	-1.868
4861	48.60	-1.751	-1.524	-1.283	-1.068	-0.939	-0.947	-1.030	-1.106	-1.087	-0.921
4871	48.70	-0.610	-0.216	0.171	0.469	0.645	0.728	0.796	0.932	1.180	1.511
4881	48.80	1.835	2.036	2.031	1.821	1.518	1.286	1.300	1.659	2.329	3.148
4891	48.90	3.874	4.278	4.222	3.718	2.931	2.026	1.277	0.794	0.585	0.556
4901	49.00	0.563	0.480	0.266	-0.117	-0.536	-0.921	-1.213	-1.400	-1.512	-1.595
4911	49.10	-1.687	-1.803	-1.932	-2.059	-2.172	-2.275	-2.384	-2.509	-2.581	-2.798
4921	49.20	-2.933	-3.047	-3.145	-3.249	-3.375	-3.521	-3.656	-3.724	-3.682	-3.653
4931	49.30	-3.098	-2.667	-2.255	-1.950	-1.796	-1.771	-1.805	-1.798	-1.667	-1.374
4941	49.40	-0.961	-0.634	0.067	0.503	0.850	1.122	1.353	1.573	1.795	2.020
4951	49.50	2.260	2.464	2.715	3.028	3.423	3.885	4.369	4.716	4.875	4.749
4961	49.60	4.323	3.656	2.861	2.074	1.407	0.920	0.607	0.414	0.265	0.089
4971	49.70	-0.136	-0.479	-0.865	-1.286	-1.718	-2.146	-2.565	-2.974	-3.374	-3.763
4981	49.80	-4.131	-4.463	-4.733	-4.912	-4.988	-4.978	-4.831	-4.254	-3.774	-3.246
4991	49.90	-2.723	-2.241	-1.818	-1.454	-1.137	-0.860	-0.621	-0.425	-0.275	-0.159

Table 7—48—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1141 902-GR-1-57 TR. (HD.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5001	50.00	-0.053	0.076	0.257	0.495	0.770	1.042	1.267	1.420	1.503	1.549
5011	50.10	1.600	1.690	1.825	1.983	2.127	2.224	2.268	2.281	2.302	2.368
5021	50.20	2.487	2.628	2.735	2.744	2.619	2.364	2.032	1.704	1.465	1.377
5031	50.30	1.456	1.681	1.996	2.337	2.651	2.904	3.093	3.235	3.358	3.492
5041	50.40	3.650	3.827	3.989	4.081	4.040	3.815	3.383	2.761	2.009	1.214
5051	50.50	0.463	-0.175	-0.674	-1.051	-1.355	-1.648	-1.982	-2.386	-2.857	-3.368
5061	50.60	-3.800	-4.356	-4.767	-5.105	-5.373	-5.588	-5.768	-5.927	-6.066	-6.172
5071	50.70	-6.215	-6.161	-5.982	-5.668	-5.237	-4.734	-4.216	-3.735	-3.320	-2.967
5081	50.80	-2.642	-2.293	-1.875	-1.363	-0.759	-0.091	0.598	1.267	1.880	2.414
5091	50.90	2.846	3.161	3.345	3.393	3.314	3.137	2.902	2.649	2.409	2.191
5101	51.00	1.988	1.782	1.564	1.364	1.150	1.016	0.970	1.012	1.114	1.227
5111	51.10	1.302	1.306	1.243	1.145	1.064	1.048	1.123	1.283	1.492	1.700
5121	51.20	1.857	1.927	1.898	1.778	1.592	1.371	1.144	0.934	0.753	0.600
5131	51.30	0.466	0.324	0.164	-0.024	-0.229	-0.423	-0.570	-0.638	-0.617	-0.526
5141	51.40	-0.411	-0.334	-0.356	-0.474	-0.704	-0.990	-1.265	-1.468	-1.565	-1.554
5151	51.50	-1.463	-1.337	-1.219	-1.134	-1.092	-1.084	-1.097	-1.116	-1.129	-1.129
5161	51.60	-1.104	-1.046	-0.965	-0.803	-0.630	-0.451	-0.289	-0.161	-0.068	0.007
5171	51.70	0.092	0.208	0.358	0.522	0.663	0.763	0.763	0.673	0.557	0.469
5181	51.80	0.412	0.403	0.424	0.442	0.431	0.391	0.349	0.347	0.420	0.574
5191	51.90	0.784	1.001	1.179	1.299	1.374	1.444	1.541	1.667	1.780	1.806
5201	52.00	1.678	1.377	0.959	0.545	0.288	0.308	0.642	1.227	1.918	2.548
5211	52.10	2.987	3.196	3.225	3.186	3.189	3.289	3.463	3.622	3.656	3.486
5221	52.20	3.107	2.582	2.022	1.534	1.182	0.964	0.823	0.678	0.454	0.110
5231	52.30	-0.356	-0.916	-1.528	-2.149	-2.742	-3.274	-3.716	-4.048	-4.267	-4.392
5241	52.40	-4.467	-4.543	-4.663	-4.840	-5.054	-5.253	-5.387	-5.429	-5.389	-5.313
5251	52.50	-5.251	-5.223	-5.201	-5.102	-4.823	-4.286	-3.481	-2.489	-1.460	-0.571
5261	52.60	0.037	0.309	0.290	0.105	-0.088	-0.165	-0.066	0.186	0.511	0.813
5271	52.70	1.021	1.111	1.112	1.076	1.058	1.086	1.158	1.249	1.332	1.391
5281	52.80	1.429	1.464	1.518	1.596	1.691	1.780	1.838	1.857	1.846	1.823
5291	52.90	1.822	1.856	1.917	1.978	1.997	1.943	1.808	1.614	1.408	1.246
5301	53.00	1.172	1.199	1.309	1.458	1.596	1.683	1.702	1.662	1.585	1.497
5311	53.10	1.416	1.340	1.269	1.197	1.124	1.059	1.011	0.983	0.964	0.933
5321	53.20	0.868	0.757	0.608	0.445	0.301	0.199	0.137	0.090	0.015	-0.130
5331	53.30	-0.361	-0.668	-1.011	-1.340	-1.621	-1.848	-2.048	-2.265	-2.543	-2.901
5341	53.40	-3.323	-3.767	-4.177	-4.505	-4.725	-4.836	-4.855	-4.802	-4.690	-4.529
5351	53.50	-4.320	-4.071	-3.797	-3.514	-3.234	-2.956	-2.659	-2.316	-1.900	-1.405
5361	53.60	-0.849	-0.273	0.274	0.757	1.162	1.499	1.793	2.064	2.317	2.541
5371	53.70	2.719	2.845	2.936	3.036	3.190	3.429	3.741	4.071	4.333	4.450
5381	53.80	4.382	4.152	3.839	3.544	3.345	3.256	3.222	3.137	2.893	2.439
5391	53.90	1.806	1.113	0.515	0.150	0.077	0.255	0.561	0.859	0.970	0.909
5401	54.00	0.703	0.454	0.269	0.208	0.257	0.347	0.388	0.322	0.169	-0.073
5411	54.10	-0.261	-0.352	-0.337	-0.264	-0.217	-0.269	-0.439	-0.686	-0.916	-1.027
5421	54.20	-0.956	-0.707	-0.353	-0.010	0.208	0.222	0.016	-0.372	-0.866	-1.381
5431	54.30	-1.847	-2.218	-2.477	-2.627	-2.685	-2.681	-2.646	-2.605	-2.572	-2.533
5441	54.40	-2.456	-2.294	-2.009	-1.588	-1.067	-0.519	-0.038	0.287	0.411	0.342
5451	54.50	0.142	-0.095	-0.272	-0.323	-0.226	-0.002	0.293	0.595	0.847	1.016
5461	54.60	1.093	1.094	1.049	0.993	0.952	0.939	0.950	0.967	0.971	0.953
5471	54.70	0.918	0.887	0.883	0.916	0.968	0.994	0.937	0.757	0.460	0.112
5481	54.80	-0.169	-0.254	-0.045	0.472	1.218	2.033	2.724	3.128	3.163	2.846
5491	54.90	2.283	1.617	0.982	0.454	0.041	-0.305	-0.654	-1.056	-1.523	-2.018

Table 7—48—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
5501	55.00	-2.479	-2.844	-3.080	-3.191	-3.219	-3.222	-3.250	-3.323	-3.429	-3.556
5511	55.10	-3.596	-3.590	-3.514	-3.389	-3.242	-3.086	-2.908	-2.669	-2.326	-1.849
5521	55.20	-1.247	-0.570	0.109	0.722	1.235	1.661	2.049	2.454	2.902	3.368
5531	55.30	3.788	4.085	4.215	4.193	4.097	4.030	4.075	4.250	4.501	4.729
5541	55.40	4.838	4.792	4.628	4.437	4.309	4.275	4.275	4.181	3.853	3.214
5551	55.50	2.301	1.262	0.300	-0.413	-0.807	-0.944	-0.981	-1.096	-1.404	-1.905
5561	55.60	-2.492	-3.010	-3.328	-3.400	-3.283	-3.095	-2.957	-2.936	-3.019	-3.135
5571	55.70	-3.198	-3.160	-3.030	-2.870	-2.753	-2.722	-2.767	-2.831	-2.844	-2.756
5581	55.80	-2.569	-2.333	-2.116	-1.976	-1.924	-1.921	-1.896	-1.775	-1.513	-1.114
5591	55.90	-0.628	-0.132	0.296	0.601	0.768	0.818	0.800	0.769	0.768	0.813
5601	56.00	0.891	0.962	0.982	0.919	0.777	0.592	0.430	0.353	0.390	0.524
5611	56.10	0.682	0.769	0.698	0.436	0.014	-0.474	-0.911	-1.201	-1.307	-1.260
5621	56.20	-1.146	-1.059	-1.066	-1.176	-1.343	-1.489	-1.544	-1.473	-1.290	-1.048
5631	56.30	-0.811	-0.625	-0.508	-0.443	-0.397	-0.336	-0.245	-0.127	0.003	0.129
5641	56.40	0.248	0.367	0.499	0.653	0.828	1.012	1.186	1.337	1.463	1.577
5651	56.50	1.700	1.851	2.031	2.222	2.387	2.487	2.492	2.397	2.229	2.037
5661	56.60	1.872	1.775	1.753	1.783	1.820	1.821	1.761	1.651	1.525	1.430
5671	56.70	1.396	1.421	1.475	1.500	1.462	1.352	1.206	1.090	1.070	1.176
5681	56.80	1.380	1.509	1.723	1.656	1.382	0.878	0.308	-0.218	-0.588	-0.748
5691	56.90	-0.719	-0.578	-0.425	-0.344	-0.375	-0.502	-0.682	-0.859	-0.993	-1.072
5701	57.00	-1.112	-1.136	-1.163	-1.197	-1.227	-1.236	-1.217	-1.175	-1.121	-1.085
5711	57.10	-1.081	-1.113	-1.173	-1.244	-1.309	-1.360	-1.401	-1.439	-1.486	-1.544
5721	57.20	-1.609	-1.673	-1.725	-1.763	-1.790	-1.818	-1.857	-1.912	-1.979	-2.035
5731	57.30	-2.099	-2.133	-2.160	-2.203	-2.296	-2.472	-2.740	-3.081	-3.441	-3.742
5741	57.40	-3.901	-3.853	-3.574	-3.088	-2.470	-1.815	-1.221	-0.751	-0.420	-0.192
5751	57.50	0.006	0.241	0.571	0.999	1.483	1.950	2.324	2.555	2.638	2.615
5761	57.60	2.553	2.523	2.568	2.690	2.856	3.016	3.127	3.173	3.174	3.170
5771	57.70	3.202	3.292	3.426	3.558	3.632	3.601	3.450	3.198	2.891	2.583
5781	57.80	2.313	2.095	1.920	1.766	1.615	1.446	1.334	1.243	1.209	1.233
5791	57.90	1.292	1.354	1.385	1.364	1.294	1.190	1.078	0.977	0.892	0.820
5801	58.00	0.746	0.662	0.586	0.486	0.372	0.293	0.227	0.165	0.092	0.014
5811	58.10	-0.081	-0.181	-0.274	-0.352	-0.438	-0.481	-0.553	-0.639	-0.738	-0.837
5821	58.20	-0.923	-0.985	-1.024	-1.051	-1.082	-1.129	-1.196	-1.276	-1.353	-1.416
5831	58.30	-1.462	-1.499	-1.539	-1.595	-1.670	-1.756	-1.837	-1.900	-1.940	-1.947
5841	58.40	-2.000	-2.057	-2.147	-2.257	-2.361	-2.424	-2.419	-2.335	-2.185	-1.999
5851	58.50	-1.810	-1.649	-1.526	-1.437	-1.366	-1.296	-1.212	-1.115	-1.010	-0.909
5861	58.60	-0.824	-0.781	-0.717	-0.683	-0.644	-0.582	-0.481	-0.330	-0.131	0.103
5871	58.70	0.362	0.551	0.695	0.758	0.744	0.684	0.625	0.615	0.683	0.831
5881	58.80	1.033	1.240	1.405	1.492	1.492	1.417	1.294	1.167	0.985	0.806
5891	58.90	0.595	0.343	0.050	-0.262	-0.558	-0.800	-0.958	-1.022	-1.003	-0.929
5901	59.00	-0.838	-0.768	-0.745	-0.779	-0.866	-0.983	-1.097	-1.173	-1.176	-1.084
5911	59.10	-0.891	-0.812	-0.277	0.075	0.407	0.695	0.930	1.123	1.293	1.461
5921	59.20	1.643	1.840	2.046	2.245	2.426	2.580	2.703	2.795	2.853	2.869
5931	59.30	2.833	2.734	2.567	2.336	2.058	1.756	1.453	1.168	0.906	0.680
5941	59.40	0.416	0.154	-0.138	-0.465	-0.816	-1.174	-1.516	-1.820	-2.073	-2.266
5951	59.50	-2.403	-2.492	-2.547	-2.584	-2.622	-2.676	-2.756	-2.860	-2.976	-3.076
5961	59.60	-3.129	-3.105	-2.984	-2.771	-2.489	-2.174	-1.865	-1.591	-1.359	-1.180
5971	59.70	-0.973	-0.777	-0.562	-0.332	-0.100	0.121	0.327	0.522	0.722	0.939
5981	59.80	1.174	1.419	1.654	1.861	2.032	2.173	2.301	2.434	2.582	2.740
5991	59.90	2.891	3.020	3.114	3.176	3.219	3.251	3.270	3.256	3.180	3.015

Table 7—48—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6001	60.00	2.752	2.413	2.042	1.692	1.404	1.188	1.025	0.876	0.703	0.489
6011	60.10	0.244	-0.009	-0.211	-0.374	-0.501	-0.628	-0.794	-1.020	-1.292	-1.568
6021	60.20	-1.786	-1.897	-1.882	-1.762	-1.587	-1.418	-1.299	-1.248	-1.251	-1.273
6031	60.30	-1.283	-1.263	-1.214	-1.153	-1.100	-1.067	-1.053	-1.064	-1.028	-0.997
6041	60.40	-0.952	-0.905	-0.867	-0.843	-0.828	-0.812	-0.783	-0.733	-0.666	-0.590
6051	60.50	-0.519	-0.458	-0.411	-0.369	-0.326	-0.277	-0.220	-0.164	-0.115	-0.078
6061	60.60	-0.054	-0.037	-0.019	0.008	0.046	0.095	0.151	0.214	0.285	0.366
6071	60.70	0.458	0.556	0.653	0.735	0.792	0.819	0.824	0.819	0.822	0.841
6081	60.80	0.879	0.926	0.971	1.002	1.019	1.030	1.049	1.087	1.143	1.206
6091	60.90	1.246	1.246	1.191	1.086	0.951	0.814	0.700	0.620	0.568	0.528
6101	61.00	0.480	0.415	0.332	0.243	0.162	0.096	0.038	-0.018	-0.085	-0.164
6111	61.10	-0.250	-0.323	-0.369	-0.380	-0.362	-0.336	-0.325	-0.343	-0.391	-0.453
6121	61.20	-0.507	-0.534	-0.532	-0.514	-0.506	-0.531	-0.601	-0.711	-0.841	-0.967
6131	61.30	-1.073	-1.159	-1.239	-1.335	-1.451	-1.589	-1.722	-1.810	-1.815	-1.714
6141	61.40	-1.508	-1.225	-0.910	-0.612	-0.370	-0.202	-0.105	-0.055	-0.023	0.014
6151	61.50	0.070	0.142	0.217	0.282	0.329	0.363	0.399	0.456	0.546	0.667
6161	61.60	0.799	0.907	0.956	0.918	0.787	0.576	0.315	0.040	-0.219	-0.445
6171	61.70	-0.631	-0.781	-0.896	-0.974	-1.012	-1.005	-0.959	-0.892	-0.827	-0.789
6181	61.80	-0.792	-0.832	-0.890	-0.939	-0.960	-0.945	-0.909	-0.880	-0.883	-0.930
6191	61.90	-1.009	-1.033	-1.102	-1.022	-0.819	-0.504	-0.114	0.295	0.668	0.972
6201	62.00	1.201	1.380	1.548	1.744	1.989	2.277	2.582	2.872	3.123	3.333
6211	62.10	3.523	3.726	3.966	4.246	4.530	4.766	4.890	4.857	4.656	4.317
6221	62.20	3.898	3.462	3.057	2.700	2.382	2.075	1.756	1.415	1.058	0.698
6231	62.30	0.346	0.001	-0.347	-0.710	-1.087	-1.462	-1.809	-2.106	-2.347	-2.549
6241	62.40	-2.748	-2.980	-3.260	-3.574	-3.880	-4.131	-4.293	-4.366	-4.372	-4.363
6251	62.50	-4.370	-4.402	-4.430	-4.409	-4.300	-4.090	-3.803	-3.489	-3.201	-2.970
6261	62.60	-2.792	-2.633	-2.448	-2.204	-1.896	-1.546	-1.192	-0.867	-0.588	-0.353
6271	62.70	-0.145	0.047	0.231	0.407	0.573	0.739	0.923	1.145	1.415	1.721
6281	62.80	2.032	2.306	2.517	2.664	2.777	2.902	3.076	3.304	3.551	3.753
6291	62.90	3.843	3.781	3.574	3.272	2.951	2.680	2.495	2.393	2.341	2.295
6301	63.00	2.221	2.107	1.960	1.794	1.614	1.416	1.189	0.926	0.635	0.337
6311	63.10	0.058	-0.181	-0.383	-0.567	-0.762	-0.990	-1.253	-1.531	-1.788	-1.997
6321	63.20	-2.167	-2.255	-2.358	-2.484	-2.652	-2.848	-3.032	-3.158	-3.193	-3.132
6331	63.30	-3.003	-2.851	-2.728	-2.665	-2.668	-2.716	-2.722	-2.800	-2.775	-2.694
6341	63.40	-2.570	-2.424	-2.279	-2.149	-2.037	-1.939	-1.844	-1.743	-1.635	-1.522
6351	63.50	-1.414	-1.320	-1.246	-1.193	-1.151	-1.108	-1.052	-0.979	-0.891	-0.801
6361	63.60	-0.722	-0.664	-0.623	-0.584	-0.522	-0.416	-0.253	-0.039	0.204	0.447
6371	63.70	0.668	0.855	1.014	1.164	1.321	1.497	1.688	1.880	2.058	2.216
6381	63.80	2.358	2.501	2.662	2.847	3.047	3.237	3.386	3.472	3.493	3.471
6391	63.90	3.445	3.452	3.515	3.627	3.757	3.855	3.878	3.804	3.640	3.420
6401	64.00	3.194	3.006	2.882	2.818	2.786	2.748	2.665	2.516	2.302	2.041
6411	64.10	1.763	1.498	1.263	1.061	0.881	0.706	0.511	0.295	0.060	-0.176
6421	64.20	-0.388	-0.555	-0.662	-0.712	-0.722	-0.719	-0.731	-0.781	-0.875	-1.003
6431	64.30	-1.143	-1.265	-1.334	-1.367	-1.332	-1.256	-1.153	-1.054	-0.972	-0.916
6441	64.40	-0.883	-0.865	-0.850	-0.828	-0.795	-0.747	-0.696	-0.668	-0.607	-0.577
6451	64.50	-0.552	-0.528	-0.496	-0.454	-0.403	-0.351	-0.308	-0.284	-0.282	-0.300
6461	64.60	-0.328	-0.355	-0.369	-0.369	-0.358	-0.344	-0.336	-0.340	-0.356	-0.380
6471	64.70	-0.405	-0.429	-0.452	-0.476	-0.504	-0.533	-0.559	-0.578	-0.586	-0.588
6481	64.80	-0.597	-0.630	-0.698	-0.805	-0.941	-1.083	-1.209	-1.302	-1.362	-1.405
6491	64.90	-1.456	-1.538	-1.658	-1.803	-1.960	-2.029	-2.037	-1.951	-1.785	-1.572

Table 7—48—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
6501	65.00	-1.356	-1.172	-1.036	-0.939	-0.854	-0.746	-0.591	-0.381	-0.133	0.123
6511	65.10	0.352	0.528	0.647	0.724	0.799	0.899	1.051	1.255	1.484	1.694
6521	65.20	1.837	1.874	1.794	1.614	1.374	1.126	0.915	0.766	0.674	0.621
6531	65.30	0.572	0.498	0.386	0.243	0.093	-0.036	-0.119	-0.151	-0.139	-0.106
6541	65.40	-0.076	-0.067	-0.089	-0.136	-0.190	-0.242	-0.279	-0.295	-0.294	-0.282
6551	65.50	-0.266	-0.250	-0.237	-0.225	-0.213	-0.202	-0.193	-0.186	-0.183	-0.183
6561	65.60	-0.185	-0.185	-0.180	-0.170	-0.155	-0.138	-0.126	-0.125	-0.140	-0.174
6571	65.70	-0.224	-0.286	-0.352	-0.415	-0.468	-0.511	-0.545	-0.575	-0.606	-0.642
6581	65.80	-0.684	-0.731	-0.780	-0.831	-0.880	-0.925	-0.960	-0.977	-0.966	-0.924
6591	65.90	-0.854	-0.766	-0.680	-0.612	-0.574	-0.563	-0.565	-0.561	-0.534	-0.480
6601	66.00	-0.409	-0.361	-0.296	-0.281	-0.288	-0.293	-0.271	-0.204	-0.094	0.043
6611	66.10	0.178	0.291	0.375	0.441	0.510	0.599	0.712	0.835	0.949	1.035
6621	66.20	1.093	1.139	1.199	1.291	1.420	1.567	1.712	1.842	1.968	2.122
6631	66.30	2.343	2.446	3.001	3.332	3.533	3.510	3.223	2.702	2.047	1.386
6641	66.40	0.831	0.431	0.165	-0.042	-0.278	-0.599	-1.003	-1.439	-1.835	-2.138
6651	66.50	-2.342	-2.488	-2.642	-2.856	-3.142	-3.459	-3.731	-3.884	-3.873	-3.707
6661	66.60	-3.440	-3.149	-2.905	-2.747	-2.679	-2.675	-2.693	-2.694	-2.648	-2.537
6671	66.70	-2.350	-2.089	-1.763	-1.395	-1.019	-0.669	-0.370	-0.123	0.097	0.328
6681	66.80	0.609	0.957	1.352	1.746	2.080	2.302	2.394	2.375	2.286	2.191
6691	66.90	2.132	2.134	2.195	2.294	2.411	2.524	2.632	2.726	2.812	2.895
6701	67.00	2.983	3.083	3.206	3.356	3.514	3.659	3.746	3.735	3.596	3.338
6711	67.10	2.996	2.629	2.297	2.038	1.858	1.731	1.615	1.471	1.282	1.054
6721	67.20	0.816	0.590	0.400	0.241	0.098	-0.048	-0.210	-0.386	-0.565	-0.738
6731	67.30	-0.940	-1.057	-1.219	-1.393	-1.578	-1.762	-1.933	-2.085	-2.225	-2.375
6741	67.40	-2.559	-2.787	-3.044	-3.291	-3.471	-3.535	-3.455	-3.240	-2.932	-2.593
6751	67.50	-2.280	-2.023	-1.821	-1.642	-1.462	-1.187	-0.872	-0.522	-0.185	0.089
6761	67.60	0.275	0.383	0.466	0.598	0.849	1.257	1.801	2.405	2.952	3.323
6771	67.70	3.435	3.270	2.883	2.385	1.906	1.552	1.376	1.363	1.448	1.543
6781	67.80	1.576	1.513	1.363	1.167	0.971	0.804	0.670	0.545	0.400	0.219
6791	67.90	0.008	-0.201	-0.369	-0.460	-0.466	-0.401	-0.303	-0.212	-0.158	-0.152
6801	68.00	-0.181	-0.221	-0.247	-0.244	-0.208	-0.150	-0.085	-0.029	0.013	0.040
6811	68.10	0.058	0.076	0.100	0.135	0.179	0.228	0.272	0.302	0.307	0.284
6821	68.20	0.234	0.166	0.095	0.033	-0.013	-0.044	-0.072	-0.113	-0.179	-0.276
6831	68.30	-0.396	-0.520	-0.628	-0.704	-0.748	-0.775	-0.809	-0.878	-1.003	-1.186
6841	68.40	-1.415	-1.645	-1.888	-2.123	-2.306	-2.446	-2.618	-2.789	-2.987	-3.208
6851	68.50	-3.431	-3.640	-3.739	-3.761	-3.682	-3.522	-3.327	-3.148	-3.034	-3.006
6861	68.60	-3.056	-3.140	-3.197	-3.170	-3.019	-2.745	-2.379	-1.976	-1.591	-1.261
6871	68.70	-0.992	-0.762	-0.538	-0.289	-0.008	0.291	0.576	0.817	1.000	1.138
6881	68.80	1.258	1.395	1.569	1.775	1.975	2.136	2.215	2.208	2.134	2.037
6891	68.90	1.968	1.958	2.015	2.112	2.208	2.262	2.251	2.177	2.062	1.941
6901	69.00	1.840	1.749	1.725	1.690	1.648	1.592	1.524	1.453	1.390	1.338
6911	69.10	1.296	1.249	1.196	1.133	1.064	0.998	0.960	0.891	0.844	0.793
6921	69.20	0.735	0.668	0.606	0.559	0.535	0.531	0.537	0.536	0.517	0.476
6931	69.30	0.422	0.369	0.333	0.316	0.313	0.308	0.286	0.241	0.180	0.121
6941	69.40	0.083	0.082	0.116	0.172	0.229	0.271	0.294	0.303	0.313	0.335
6951	69.50	0.370	0.411	0.442	0.453	0.448	0.441	0.452	0.493	0.560	0.630
6961	69.60	0.665	0.633	0.529	0.335	0.116	-0.104	-0.286	-0.417	-0.515	-0.605
6971	69.70	-0.712	-0.846	-0.997	-1.144	-1.265	-1.351	-1.410	-1.461	-1.526	-1.614
6981	69.80	-1.718	-1.822	-1.910	-1.979	-2.040	-2.115	-2.220	-2.355	-2.494	-2.597
6991	69.90	-2.623	-2.550	-2.386	-2.167	-1.945	-1.761	-1.636	-1.561	-1.508	-1.445

Table 7—48—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7001	70.00	-1.353	-1.234	-1.105	-0.989	-0.895	-0.819	-0.758	-0.627	-0.473	-0.277
7011	70.10	-0.057	0.162	0.362	0.537	0.693	0.865	1.003	1.171	1.344	1.514
7021	70.20	1.679	1.846	2.024	2.216	2.413	2.590	2.714	2.759	2.719	2.615
7031	70.30	2.488	2.385	2.341	2.361	2.422	2.487	2.518	2.500	2.466	2.389
7041	70.40	2.362	2.385	2.448	2.515	2.538	2.481	2.332	2.110	1.856	1.611
7051	70.50	1.409	1.256	1.136	1.021	0.887	0.728	0.552	0.379	0.231	0.118
7061	70.60	0.033	-0.038	-0.116	-0.212	-0.328	-0.456	-0.581	-0.695	-0.795	-0.888
7071	70.70	-0.986	-1.096	-1.221	-1.352	-1.478	-1.555	-1.662	-1.708	-1.727	-1.726
7081	70.80	-1.716	-1.710	-1.716	-1.741	-1.749	-1.854	-1.926	-1.987	-2.016	-1.994
7091	70.90	-1.912	-1.773	-1.594	-1.402	-1.224	-1.081	-0.982	-0.920	-0.881	-0.847
7101	71.00	-0.805	-0.748	-0.679	-0.604	-0.532	-0.469	-0.414	-0.367	-0.324	-0.282
7111	71.10	-0.238	-0.193	-0.146	-0.100	-0.056	-0.013	0.030	0.081	0.152	0.257
7121	71.20	0.411	0.618	0.868	1.133	1.368	1.525	1.566	1.479	1.280	1.016
7131	71.30	0.745	0.519	0.367	0.285	0.242	0.196	0.112	-0.019	-0.182	-0.339
7141	71.40	-0.456	-0.503	-0.491	-0.446	-0.406	-0.404	-0.451	-0.536	-0.628	-0.696
7151	71.50	-0.720	-0.699	-0.653	-0.608	-0.584	-0.588	-0.606	-0.614	-0.586	-0.497
7161	71.60	-0.344	-0.130	0.131	0.420	0.715	0.994	1.230	1.398	1.483	1.479
7171	71.70	1.402	1.282	1.158	1.066	1.024	1.028	1.058	1.084	1.088	1.063
7181	71.80	1.022	0.984	0.967	0.973	0.989	0.996	0.979	0.938	0.890	0.861
7191	71.90	0.867	0.905	0.949	0.955	0.883	0.711	0.450	0.138	-0.173	-0.443
7201	72.00	-0.654	-0.817	-0.964	-1.125	-1.318	-1.538	-1.761	-1.965	-2.142	-2.302
7211	72.10	-2.474	-2.679	-2.924	-3.181	-3.399	-3.520	-3.506	-3.355	-3.109	-2.837
7221	72.20	-2.610	-2.476	-2.438	-2.459	-2.481	-2.451	-2.363	-2.173	-1.982	-1.822
7231	72.30	-1.724	-1.685	-1.664	-1.602	-1.446	-1.165	-0.783	-0.367	0.079	0.442
7241	72.40	0.727	0.956	1.170	1.424	1.741	2.110	2.484	2.802	3.012	3.095
7251	72.50	3.075	3.006	2.950	2.953	3.024	3.134	3.234	3.275	3.236	3.121
7261	72.60	2.980	2.862	2.807	2.822	2.881	2.934	2.926	2.820	2.611	2.321
7271	72.70	1.994	1.673	1.387	1.153	0.955	0.776	0.596	0.401	0.189	-0.038
7281	72.80	-0.274	-0.512	-0.744	-0.964	-1.162	-1.325	-1.445	-1.516	-1.544	-1.547
7291	72.90	-1.548	-1.573	-1.660	-1.752	-1.897	-2.047	-2.171	-2.240	-2.237	-2.164
7301	73.00	-2.036	-1.881	-1.725	-1.591	-1.488	-1.413	-1.355	-1.300	-1.238	-1.167
7311	73.10	-1.087	-1.004	-0.919	-0.832	-0.739	-0.637	-0.526	-0.410	-0.297	-0.192
7321	73.20	-0.097	-0.006	0.088	0.192	0.307	0.424	0.529	0.606	0.646	0.648
7331	73.30	0.626	0.597	0.580	0.586	0.615	0.658	0.702	0.737	0.760	0.772
7341	73.40	0.780	0.792	0.813	0.842	0.876	0.911	0.940	0.959	0.968	0.963
7351	73.50	0.948	0.926	0.902	0.882	0.869	0.864	0.865	0.868	0.867	0.861
7361	73.60	0.849	0.833	0.814	0.788	0.750	0.694	0.621	0.539	0.461	0.402
7371	73.70	0.370	0.362	0.361	0.343	0.287	0.183	0.036	-0.137	-0.315	-0.484
7381	73.80	-0.640	-0.788	-0.936	-1.087	-1.236	-1.374	-1.494	-1.600	-1.710	-1.844
7391	73.90	-2.014	-2.213	-2.411	-2.563	-2.629	-2.589	-2.459	-2.279	-2.103	-1.974
7401	74.00	-1.908	-1.888	-1.880	-1.852	-1.787	-1.697	-1.607	-1.545	-1.521	-1.520
7411	74.10	-1.509	-1.450	-1.319	-1.113	-0.851	-0.562	-0.273	-0.000	0.252	0.485
7421	74.20	0.700	0.898	1.078	1.250	1.432	1.647	1.911	2.225	2.566	2.901
7431	74.30	3.200	3.456	3.692	3.948	4.258	4.627	5.012	5.339	5.530	5.541
7441	74.40	5.392	5.162	4.957	4.865	4.907	5.029	5.114	5.041	4.732	4.194
7451	74.50	3.512	2.814	2.214	1.767	1.452	1.194	0.902	0.522	0.052	-0.657
7461	74.60	-0.936	-1.333	-1.636	-1.874	-2.091	-2.324	-2.581	-2.846	-3.096	-3.325
7471	74.70	-3.554	-3.820	-4.152	-4.541	-4.930	-5.228	-5.345	-5.232	-4.906	-4.447
7481	74.80	-3.968	-3.571	-3.308	-3.168	-3.094	-3.014	-2.877	-2.676	-2.442	-2.221
7491	74.90	-2.046	-1.922	-1.825	-1.716	-1.571	-1.385	-1.179	-0.982	-0.815	-0.680

Table 7—48—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1141 902-GR-1-57 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
7501	75.00	-0.557	-0.423	-0.262	-0.076	0.116	0.293	0.443	0.573	0.700	0.844
7511	75.10	1.011	1.191	1.362	1.506	1.622	1.732	1.865	2.043	2.263	2.489
7521	75.20	2.663	2.727	2.655	2.457	2.185	1.908	1.684	1.540	1.465	1.422
7531	75.30	1.367	1.276	1.167	1.000	0.862	0.749	0.659	0.575	0.480	0.365
7541	75.40	0.235	0.108	-0.002	-0.091	-0.171	-0.266	-0.396	-0.566	-0.767	-0.973
7551	75.50	-1.163	-1.329	-1.479	-1.636	-1.814	-2.019	-2.229	-2.402	-2.495	-2.481
7561	75.60	-2.362	-2.172	-1.960	-1.780	-1.663	-1.613	-1.608	-1.611	-1.591	-1.532
7571	75.70	-1.437	-1.328	-1.228	-1.155	-1.112	-1.090	-1.067	-1.024	-0.948	-0.840
7581	75.80	-0.708	-0.567	-0.428	-0.301	-0.183	-0.070	0.045	0.167	0.294	0.420
7591	75.90	0.539	0.648	0.748	0.847	0.955	1.079	1.216	1.357	1.489	1.602
7601	76.00	1.698	1.789	1.899	2.046	2.235	2.446	2.640	2.766	2.778	2.656
7611	76.10	2.412	2.091	1.752	1.452	1.225	1.073	0.971	0.880	0.763	0.602
7621	76.20	0.403	0.188	-0.013	-0.182	-0.319	-0.439	-0.566	-0.723	-0.914	-1.129
7631	76.30	-1.339	-1.513	-1.624	-1.666	-1.663	-1.586	-1.526	-1.491	-1.497	-1.544
7641	76.40	-1.617	-1.693	-1.748	-1.766	-1.732	-1.653	-1.537	-1.396	-1.267	-1.104
7651	76.50	-0.978	-0.877	-0.802	-0.746	-0.695	-0.632	-0.541	-0.411	-0.244	-0.050
7661	76.60	0.150	0.338	0.505	0.651	0.791	0.940	1.112	1.304	1.496	1.660
7671	76.70	1.763	1.789	1.740	1.641	1.529	1.442	1.400	1.407	1.445	1.486
7681	76.80	1.507	1.497	1.463	1.425	1.397	1.398	1.421	1.451	1.464	1.441
7691	76.90	1.375	1.273	1.155	1.042	0.950	0.884	0.835	0.791	0.737	0.668
7701	77.00	0.585	0.499	0.420	0.355	0.302	0.254	0.200	0.133	0.051	-0.039
7711	77.10	-0.126	-0.199	-0.252	-0.283	-0.299	-0.306	-0.309	-0.311	-0.312	-0.311
7721	77.20	-0.311	-0.312	-0.334	-0.363	-0.400	-0.435	-0.457	-0.467	-0.469	-0.434
7731	77.30	-0.434	-0.460	-0.514	-0.580	-0.631	-0.638	-0.579	-0.453	-0.276	-0.075
7741	77.40	0.122	0.299	0.453	0.595	0.729	0.863	0.985	1.080	1.133	1.145
7751	77.50	1.128	1.109	1.114	1.153	1.217	1.275	1.291	1.236	1.105	0.918
7761	77.60	0.712	0.527	0.390	0.303	0.250	0.201	0.130	0.026	-0.106	-0.248
7771	77.70	-0.379	-0.486	-0.563	-0.619	-0.662	-0.701	-0.738	-0.773	-0.805	-0.835
7781	77.80	-0.868	-0.910	-0.966	-1.026	-1.090	-1.147	-1.191	-1.225	-1.256	-1.294
7791	77.90	-1.365	-1.409	-1.476	-1.535	-1.575	-1.595	-1.602	-1.608	-1.624	-1.656
7801	78.00	-1.699	-1.742	-1.775	-1.792	-1.799	-1.809	-1.835	-1.885	-1.951	-2.015
7811	78.10	-2.047	-2.023	-1.930	-1.771	-1.571	-1.361	-1.172	-1.024	-0.917	-0.837
7821	78.20	-0.762	-0.670	-0.552	-0.408	-0.252	-0.100	0.037	0.157	0.268	0.383
7831	78.30	0.511	0.655	0.806	0.953	1.084	1.196	1.297	1.403	1.530	1.685
7841	78.40	1.860	2.031	2.165	2.233	2.221	2.134	2.001	1.858	1.741	1.669
7851	78.50	1.644	1.649	1.658	1.648	1.609	1.543	1.466	1.386	1.316	1.255
7861	78.60	1.193	1.121	1.036	0.945	0.859	0.789	0.737	0.694	0.646	0.578
7871	78.70	0.488	0.386	0.292	0.226	0.192	0.174	0.136	0.039	-0.146	-0.412
7881	78.80	-0.731	-1.052	-1.325	-1.529	-1.675	-1.805	-1.921	-2.203	-2.495	-2.798
7891	78.90	-3.040	-3.155	-3.110	-2.922	-2.654	-2.385	-2.185	-2.083	-2.063	-2.074
7901	79.00	-2.057	-1.970	-1.806	-1.587	-1.355	-1.166	-0.977	-0.842	-0.718	-0.584
7911	79.10	-0.427	-0.251	-0.074	0.088	0.222	0.330	0.421	0.507	0.596	0.692
7921	79.20	0.793	0.898	1.008	1.125	1.246	1.371	1.491	1.598	1.689	1.771
7931	79.30	1.860	1.973	2.116	2.281	2.438	2.569	2.578	2.509	2.352	2.139
7941	79.40	1.916	1.723	1.581	1.491	1.431	1.377	1.307	1.215	1.105	0.987
7951	79.50	0.868	0.749	0.621	0.475	0.306	0.120	-0.070	-0.243	-0.384	-0.481
7961	79.60	-0.536	-0.569	-0.538	-0.512	-0.479	-0.447	-0.425	-0.417	-0.430	-0.466
7971	79.70	-0.521	-0.590	-0.662	-0.727	-0.779	-0.814	-0.833	-0.839	-0.840	-0.840
7981	79.80	-0.848	-0.871	-0.920	-0.998	-1.107	-1.239	-1.376	-1.495	-1.576	-1.601
7991	79.90	-1.575	-1.516	-1.454	-1.425	-1.449	-1.540	-1.680	-1.835	-1.957	-2.002

Table 7—48—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1141 902-GR-1-S7 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8001	80.00	-1.943	-1.776	-1.523	-1.222	-0.920	-0.654	-0.446	-0.293	-0.178	-0.072
8011	80.10	0.069	0.197	0.370	0.552	0.721	0.858	0.951	1.004	1.029	1.045
8021	80.20	1.073	1.127	1.212	1.326	1.459	1.598	1.732	1.854	1.964	2.067
8031	80.30	2.174	2.292	2.425	2.566	2.702	2.812	2.878	2.888	2.844	2.759
8041	80.40	2.655	2.558	2.489	2.461	2.474	2.514	2.558	2.577	2.542	2.429
8051	80.50	2.227	1.965	1.605	1.267	0.910	0.624	0.393	0.195	-0.013	-0.276
8061	80.60	-0.621	-1.043	-1.498	-1.921	-2.244	-2.428	-2.476	-2.432	-2.364	-2.333
8071	80.70	-2.371	-2.468	-2.581	-2.658	-2.662	-2.591	-2.476	-2.362	-2.291	-2.273
8081	80.80	-2.295	-2.300	-2.258	-2.142	-1.959	-1.739	-1.522	-1.339	-1.198	-1.086
8091	80.90	-0.976	-0.853	-0.752	-0.560	-0.416	-0.290	-0.184	-0.087	0.015	0.131
8101	81.00	0.258	0.386	0.504	0.609	0.709	0.819	0.952	1.105	1.261	1.387
8111	81.10	1.455	1.449	1.376	1.263	1.146	1.054	1.002	0.986	0.989	0.997
8121	81.20	1.000	1.000	1.002	1.010	1.021	1.030	1.033	1.036	1.055	1.108
8131	81.30	1.206	1.362	1.487	1.603	1.657	1.635	1.550	1.434	1.324	1.243
8141	81.40	1.191	1.168	1.087	0.993	0.867	0.728	0.593	0.461	0.306	0.082
8151	81.50	-0.257	-0.727	-1.300	-1.905	-2.450	-2.857	-3.096	-3.179	-3.181	-3.177
8161	81.60	-3.228	-3.352	-3.521	-3.686	-3.799	-3.839	-3.821	-3.781	-3.753	-3.751
8171	81.70	-3.756	-3.727	-3.621	-3.418	-3.129	-2.795	-2.469	-2.195	-1.988	-1.836
8181	81.80	-1.706	-1.561	-1.382	-1.167	-0.935	-0.709	-0.507	-0.332	-0.178	-0.031
8191	81.90	0.117	0.266	0.410	0.545	0.673	0.805	0.959	1.151	1.387	1.652
8201	82.00	1.920	2.155	2.327	2.423	2.453	2.442	2.427	2.440	2.499	2.602
8211	82.10	2.729	2.853	2.951	3.011	3.037	3.045	3.055	3.080	3.121	3.166
8221	82.20	3.193	3.179	3.111	2.990	2.832	2.662	2.505	2.380	2.290	2.228
8231	82.30	2.178	2.122	2.042	1.928	1.775	1.582	1.352	1.093	0.818	0.542
8241	82.40	0.283	0.055	-0.140	-0.309	-0.474	-0.658	-0.879	-1.138	-1.417	-1.683
8251	82.50	-1.897	-2.028	-2.068	-2.032	-1.956	-1.877	-1.832	-1.834	-1.877	-1.939
8261	82.60	-1.998	-2.038	-2.058	-2.068	-2.079	-2.100	-2.128	-2.155	-2.169	-2.171
8271	82.70	-2.167	-2.175	-2.208	-2.246	-2.328	-2.361	-2.322	-2.183	-1.939	-1.615
8281	82.80	-1.258	-0.924	-0.658	-0.486	-0.408	-0.402	-0.460	-0.492	-0.538	-0.564
8291	82.90	-0.565	-0.541	-0.494	-0.432	-0.367	-0.316	-0.284	-0.276	-0.278	-0.268
8301	83.00	-0.224	-0.135	-0.004	0.143	0.279	0.382	0.448	0.496	0.554	0.652
8311	83.10	0.798	0.979	1.166	1.329	1.455	1.555	1.658	1.800	1.997	2.241
8321	83.20	2.495	2.716	2.866	2.937	2.946	2.929	2.918	2.925	2.941	2.937
8331	83.30	2.885	2.773	2.611	2.426	2.238	2.065	1.899	1.719	1.506	1.246
8341	83.40	0.956	0.656	0.373	0.118	-0.115	-0.348	-0.605	-0.905	-1.250	-1.626
8351	83.50	-2.014	-2.392	-2.746	-3.061	-3.334	-3.547	-3.700	-3.799	-3.868	-3.941
8361	83.60	-4.049	-4.200	-4.369	-4.492	-4.494	-4.311	-3.928	-3.390	-2.788	-2.231
8371	83.70	-1.800	-1.522	-1.357	-1.230	-1.066	-0.817	-0.502	-0.170	0.119	0.334
8381	83.80	0.496	0.675	0.953	1.392	1.994	2.699	3.406	4.002	4.410	4.607
8391	83.90	4.628	4.543	4.430	4.348	4.326	4.358	4.416	4.463	4.461	4.386
8401	84.00	4.223	3.977	3.672	3.365	3.036	2.780	2.590	2.450	2.322	2.163
8411	84.10	1.940	1.667	1.308	0.962	0.648	0.377	0.134	-0.116	-0.411	-0.765
8421	84.20	-1.162	-1.557	-1.900	-2.160	-2.336	-2.460	-2.575	-2.715	-2.886	-3.063
8431	84.30	-3.202	-3.267	-3.249	-3.167	-3.064	-2.982	-2.941	-2.935	-2.932	-2.898
8441	84.40	-2.815	-2.688	-2.546	-2.423	-2.336	-2.283	-2.239	-2.173	-2.065	-1.920
8451	84.50	-1.761	-1.618	-1.511	-1.436	-1.370	-1.283	-1.157	-0.995	-0.822	-0.672
8461	84.60	-0.565	-0.495	-0.429	-0.324	-0.146	0.108	0.409	0.707	0.957	1.145
8471	84.70	1.290	1.442	1.651	1.939	2.283	2.622	2.877	2.989	2.946	2.782
8481	84.80	2.571	2.387	2.277	2.242	2.245	2.236	2.177	2.064	1.923	1.795
8491	84.90	1.707	1.656	1.606	1.503	1.307	1.011	0.647	0.272	-0.057	-0.312

Table 7—48—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1141 902-GR-1-S7 TR. (HB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
8501	85.00	-0.501	-0.664	-0.846	-1.075	-1.342	-1.612	-1.833	-1.971	-2.018	-2.000
8511	85.10	-1.958	-1.929	-1.928	-1.945	-1.954	-1.929	-1.859	-1.752	-1.624	-1.488
8521	85.20	-1.343	-1.175	-0.970	-0.728	-0.472	-0.243	-0.085	-0.019	-0.036	-0.084
8531	85.30	-0.109	-0.062	0.073	0.273	0.489	0.675	0.810	0.907	1.003	1.140
8541	85.40	1.337	1.576	1.810	1.986	2.066	2.049	1.967	1.869	1.795	1.758
8551	85.50	1.740	1.706	1.621	1.472	1.274	1.057	0.857	0.693	0.561	0.444
8561	85.60	0.320	0.175	0.011	-0.160	-0.327	-0.489	-0.657	-0.847	-1.065	-1.307
8571	85.70	-1.551	-1.772	-1.953	-2.095	-2.218	-2.350	-2.512	-2.699	-2.884	-3.027
8581	85.80	-3.088	-3.047	-2.914	-2.723	-2.517	-2.332	-2.186	-2.073	-1.974	-1.862
8591	85.90	-1.715	-1.521	-1.274	-0.978	-0.644	-0.293	0.044	0.326	0.516	0.591
8601	86.00	0.557	0.448	0.319	0.225	0.201	0.248	0.330	0.397	0.405	0.343
8611	86.10	0.236	0.141	0.117	0.201	0.390	0.642	0.897	1.099	1.222	1.278
8621	86.20	1.306	1.354	1.449	1.594	1.759	1.906	2.001	2.035	2.025	2.003
8631	86.30	2.002	2.040	2.113	2.204	2.287	2.348	2.384	2.407	2.428	2.448
8641	86.40	2.455	2.422	2.321	2.135	1.870	1.551	1.217	0.907	0.644	0.425
8651	86.50	0.231	0.032	-0.197	-0.463	-0.750	-1.029	-1.266	-1.439	-1.548	-1.614
8661	86.60	-1.674	-1.765	-1.911	-2.111	-2.340	-2.556	-2.716	-2.788	-2.763	-2.658
8671	86.70	-2.512	-2.368	-2.262	-2.211	-2.207	-2.223	-2.224	-2.180	-2.081	-1.935
8681	86.80	-1.768	-1.609	-1.477	-1.377	-1.291	-1.194	-1.058	-0.872	-0.663	-0.395
8691	86.90	-0.158	0.045	0.205	0.332	0.448	0.577	0.735	0.924	1.134	1.352
8701	87.00	1.566	1.773	1.977	2.181	2.383	2.574	2.735	2.847	2.895	2.876
8711	87.10	2.794	2.663	2.499	2.320	2.146	1.994	1.884	1.830	1.835	1.885
8721	87.20	1.952	1.997	1.987	1.908	1.762	1.583	1.405	1.250	1.122	0.996
8731	87.30	0.840	0.626	0.350	0.033	-0.283	-0.560	-0.781	-0.955	-1.112	-1.281
8741	87.40	-1.475	-1.677	-1.847	-1.967	-1.956	-1.890	-1.793	-1.716	-1.692	-1.716
8751	87.50	-1.742	-1.711	-1.577	-1.335	-1.027	-0.729	-0.520	-0.444	-0.498	-0.632
8761	87.60	-0.778	-0.876	-0.897	-0.859	-0.799	-0.755	-0.744	-0.753	-0.747	-0.691
8771	87.70	-0.565	-0.377	-0.157	0.058	0.239	0.374	0.469	0.536	0.583	0.610
8781	87.80	0.611	0.580	0.522	0.453	0.395	0.367	0.374	0.406	0.443	0.466
8791	87.90	0.465	0.442	0.407	0.376	0.352	0.335	0.314	0.281	0.234	0.181
8801	88.00	0.133	0.099	0.079	0.067	0.050	0.021	-0.021	-0.068	-0.109	-0.137
8811	88.10	-0.155	-0.171	-0.199	-0.244	-0.299	-0.345	-0.362	-0.334	-0.261	-0.159
8821	88.20	-0.055	0.030	0.083	0.109	0.124	0.147	0.189	0.248	0.315	0.375
8831	88.30	0.419	0.448	0.470	0.500	0.544	0.606	0.680	0.761	0.846	0.941
8841	88.40	1.050	1.127	1.215	1.413	1.537	1.575	1.566	1.462	1.369	1.241
8851	88.50	1.167	1.185	1.132	1.125	1.077	0.961	0.771	0.523	0.253	0.001
8861	88.60	-0.204	-0.351	-0.450	-0.530	-0.620	-0.741	-0.897	-1.074	-1.244	-1.377
8871	88.70	-1.452	-1.485	-1.429	-1.367	-1.307	-1.267	-1.258	-1.274	-1.304	-1.336
8881	88.80	-1.353	-1.357	-1.349	-1.333	-1.314	-1.295	-1.277	-1.258	-1.241	-1.226
8891	88.90	-1.216	-1.210	-1.206	-1.199	-1.187	-1.168	-1.147	-1.129	-1.118	-1.116
8901	89.00	-1.117	-1.113	-1.097	-1.066	-1.024	-0.979	-0.941	-0.915	-0.899	-0.886
8911	89.10	-0.865	-0.832	-0.790	-0.747	-0.713	-0.695	-0.689	-0.683	-0.664	-0.625
8921	89.20	-0.568	-0.509	-0.466	-0.455	-0.472	-0.504	-0.516	-0.471	-0.336	-0.096
8931	89.30	0.243	0.660	1.120	1.586	2.010	2.364	2.614	2.742	2.744	2.637
8941	89.40	2.456	2.253	2.080	1.976	1.956	2.003	2.076	2.125	2.108	2.006
8951	89.50	1.827	1.599	1.358	1.135	0.943	0.781	0.634	0.486	0.328	0.164
8961	89.60	0.002	-0.165	-0.270	-0.371	-0.456	-0.534	-0.616	-0.708	-0.812	-0.928
8971	89.70	-1.052	-1.181	-1.309	-1.427	-1.526	-1.596	-1.625	-1.619	-1.585	-1.536
8981	89.80	-1.492	-1.468	-1.472	-1.501	-1.547	-1.594	-1.623	-1.621	-1.580	-1.499
8991	89.90	-1.385	-1.269	-1.108	-0.974	-0.858	-0.761	-0.677	-0.592	-0.492	-0.367

Table 7—48—19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1141 902-GR-1-57 TR. (NB.) NISHIARAI BRIDGE MAX. ACC. = 87.993 (GAL) T= 8.81 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
9001	90.00	-0.218	-0.059	0.090	0.202	0.262	0.268	0.230	0.174	0.125	0.096
9011	90.10	0.091	0.095	0.088	0.056	-0.009	-0.089	-0.162	-0.201	-0.192	-0.136
9021	90.20	-0.049	0.040	0.109	0.145	0.152	0.147	0.148	0.170	0.215	0.273
9031	90.30	0.329	0.372	0.396	0.406	0.412	0.427	0.459	0.514	0.593	0.700
9041	90.40	0.835	0.999	1.187	1.383	1.570	1.725	1.838	1.911	1.966	2.023
9051	90.50	2.110	2.236	2.387	2.539	2.662	2.739	2.777	2.798	2.838	2.922
9061	90.60	3.053	3.207	3.342	3.408	3.374	3.232	3.001	2.719	2.430	2.166
9071	90.70	1.945	1.767	1.621	1.491	1.364	1.229	1.084	0.931	0.778	0.638
9081	90.80	0.520	0.429	0.358	0.291	0.202	0.071	-0.106	-0.308	-0.496	-0.629
9091	90.90	-0.679	-0.654	-0.600	-0.584	-0.669	-0.885	-1.206	-1.562	-1.857	-2.012

Table 7—49—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	6.428	8.101	8.187	6.768	4.336	1.799	-0.000	-0.481	0.478	2.530
11	0.10	5.013	7.189	8.498	8.708	7.950	6.628	5.254	4.283	3.990	4.426
21	0.20	5.428	6.690	7.844	8.561	8.527	7.701	6.153	5.165	2.167	0.660
31	0.30	-0.014	0.588	1.734	3.616	5.436	6.596	6.698	5.686	3.878	1.652
41	0.40	0.243	-0.490	-0.220	0.820	2.152	3.243	3.810	3.760	3.275	2.771
51	0.50	2.526	2.629	2.256	1.502	0.881	0.173	1.161	0.235	-0.184	0.146
61	0.60	1.152	2.654	3.512	3.862	3.320	2.071	0.589	-0.569	-0.994	-0.596
71	0.70	0.390	1.534	2.421	2.836	2.827	2.646	2.566	2.685	2.898	2.892
81	0.80	2.366	1.123	-0.606	-2.373	-3.583	-3.750	-2.707	-0.689	1.760	3.899
91	0.90	5.227	5.462	4.681	3.212	1.474	-0.177	-1.525	-2.476	-2.993	-3.036
101	1.00	-2.565	-1.597	-0.304	0.970	1.768	1.690	0.584	-1.327	-3.466	-5.098
111	1.10	-5.624	-4.852	-3.113	-1.156	0.159	0.217	-1.072	-3.232	-5.425	-6.813
121	1.20	-6.923	-5.833	-4.108	-2.509	-1.629	-1.624	-2.174	-2.684	-2.629	-1.851
131	1.30	-0.668	0.276	0.342	-0.765	-2.702	-4.765	-6.002	-5.734	-3.867	-0.965
141	1.40	1.960	3.858	4.074	2.598	0.046	-2.619	-4.490	-5.057	-4.330	-2.879
151	1.50	-1.270	-0.056	0.566	0.734	0.760	0.905	1.401	1.425	1.205	0.271
161	1.60	-4.386	-5.415	-5.186	-6.010	-5.407	-3.323	-0.199	3.118	5.634	6.515
171	1.70	5.377	2.437	-1.511	-5.322	-7.869	-8.318	-6.608	-3.317	0.415	3.296
181	1.80	6.350	3.290	0.653	-2.395	-4.504	-4.690	-2.757	0.591	4.016	6.091
191	1.90	5.900	3.448	-0.323	-3.912	-5.897	-5.547	-3.138	0.153	2.754	3.377
201	2.00	1.568	-2.089	-6.226	-9.249	-10.002	-8.195	-4.482	-0.151	3.411	5.230
211	2.10	5.031	3.222	0.611	-1.960	-3.906	-5.003	-5.317	-5.052	-4.315	-3.272
221	2.20	-2.003	-0.681	0.432	1.059	1.054	0.527	-0.141	-0.437	0.059	1.439
231	2.30	3.370	5.192	6.168	5.800	4.050	1.364	-1.496	-3.756	-4.906	-4.861
241	2.40	-3.841	-2.360	-0.817	0.540	1.533	2.848	3.885	4.747	5.263	5.132
251	2.50	4.271	4.828	4.195	-0.114	-0.649	-0.200	1.115	2.890	4.560	5.582
261	2.60	5.598	4.524	2.556	0.111	-2.283	-4.106	-4.961	-4.666	-3.307	-1.232
271	2.70	1.016	2.833	3.719	3.431	2.075	0.089	-1.878	-3.161	-3.287	-2.121
281	2.80	0.091	2.807	5.356	7.133	7.765	7.182	5.602	3.429	1.124	-0.915
291	2.90	-2.424	-3.286	-3.509	-3.176	-2.415	-1.386	-0.281	0.690	1.319	1.462
301	3.00	1.092	0.338	-0.542	-1.238	-1.505	-1.259	-0.612	0.179	0.839	1.202
311	3.10	1.284	1.253	1.308	1.531	1.795	1.806	1.252	0.013	-1.696	-3.345
321	3.20	-4.275	-4.005	-2.485	-0.184	2.066	3.409	3.342	1.938	-0.189	-2.164
331	3.30	-3.261	-3.210	-2.289	-1.119	-0.315	-0.149	-0.423	-0.614	-0.204	0.975
341	3.40	2.590	3.938	4.297	3.318	1.256	-1.110	-2.818	-3.179	-2.102	-0.142
351	3.50	1.705	2.748	2.392	0.906	-1.020	-2.573	-3.210	-2.856	-2.026	-1.258
361	3.60	-1.078	-1.600	-2.513	-3.260	-3.321	-2.469	-0.877	0.965	2.452	3.110
371	3.70	2.768	1.609	0.086	-1.227	-1.825	-1.431	-0.093	1.807	3.644	4.738
381	3.80	4.592	3.105	0.669	-1.915	-3.708	-3.988	-2.564	0.115	3.119	5.414
391	3.90	6.290	5.648	4.004	2.207	1.010	0.715	1.060	1.423	1.206	0.205
401	4.00	-1.250	-2.459	-2.747	-1.858	-0.136	1.625	2.587	2.330	1.099	-0.294
411	4.10	-0.883	-0.070	2.031	4.601	6.497	6.805	5.292	2.528	-0.394	-2.576
421	4.20	-2.822	-1.871	-0.253	1.135	1.698	1.414	0.765	0.399	0.710	1.582
431	4.30	2.440	2.571	1.546	-0.505	-2.889	-5.672	-5.118	-4.052	-1.948	0.285
441	4.40	1.723	1.841	0.720	-1.021	-2.531	-3.117	-2.525	-1.015	0.787	2.170
451	4.50	2.617	1.982	0.513	-1.263	-2.729	-3.371	-2.932	-1.491	0.556	2.593
461	4.60	3.987	4.282	3.392	1.655	-0.262	-1.614	-1.885	-1.020	0.534	2.015
471	4.70	2.699	2.241	0.856	-0.777	-1.855	-1.863	-0.856	0.533	1.398	1.024
481	4.80	-0.722	-3.270	-5.570	-5.622	-5.895	-3.685	-0.978	0.905	1.269	-0.310
491	4.90	-3.104	-5.914	-7.534	-7.275	-5.246	-2.274	0.490	2.069	2.051	0.690

Table 7—49—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.279	-3.013	-3.931	-3.887	-3.155	-2.192	-1.389	-0.872	-0.500	0.004
511	5.10	0.843	1.987	3.138	3.839	3.669	2.447	0.340	-2.158	-4.383	-5.723
521	5.20	-5.836	-4.759	-2.888	-0.817	0.884	1.886	2.201	2.135	2.108	2.421
531	5.30	3.079	3.764	3.983	3.327	1.723	-0.450	-2.459	-3.509	-3.090	-1.232
541	5.40	1.466	4.065	5.668	5.793	4.554	2.578	0.691	-0.458	-0.677	-0.259
551	5.50	0.214	0.202	-0.513	-1.727	-2.936	-3.611	-3.452	-2.538	-1.237	-0.114
561	5.60	0.512	0.504	0.005	-0.708	-1.379	-1.880	-2.207	-2.398	-2.455	-2.308
571	5.70	-1.887	-1.205	-0.420	0.191	0.362	-0.012	-0.780	-1.571	-1.954	-1.644
581	5.80	-0.658	0.681	1.896	2.577	2.582	2.094	1.515	1.255	1.521	2.212
591	5.90	2.969	3.346	3.005	1.860	0.097	-1.908	-3.716	-4.947	-5.346	-4.812
601	6.00	-3.402	-1.344	0.970	3.031	4.330	4.524	3.594	1.904	0.100	-1.136
611	6.10	-1.378	-0.660	0.522	1.440	1.693	0.523	-1.071	-2.508	-2.992	-2.122
621	6.20	-0.118	2.243	3.963	4.265	2.934	0.392	-2.505	-4.845	-6.010	-5.849
631	6.30	-4.610	-2.733	-0.628	1.417	3.195	4.453	4.852	4.059	1.972	-1.059
641	6.40	-4.195	-6.537	-6.568	-4.618	-1.095	2.675	5.176	5.378	3.236	-0.247
651	6.50	-3.451	-4.882	-3.871	-0.889	2.869	5.154	5.436	3.422	0.065	-3.130
661	6.60	-4.837	-4.515	-2.609	-0.245	1.373	1.557	0.428	-1.235	-2.456	-2.585
671	6.70	-1.599	-0.034	1.361	2.052	1.975	1.488	1.080	1.021	1.182	1.127
681	6.80	0.428	-0.996	-2.733	-4.027	-4.154	-2.835	-0.430	2.193	4.070	4.616
691	6.90	3.908	2.625	1.675	1.702	2.745	4.236	5.320	5.348	4.237	2.528
701	7.00	1.089	0.628	1.291	2.558	3.510	3.324	1.746	-0.736	-3.082	-4.210
711	7.10	-3.512	-1.158	1.984	4.771	6.331	6.457	5.653	4.836	4.830	5.927
721	7.20	7.722	9.302	9.479	8.253	5.146	1.121	-2.491	-5.263	-6.044	-5.267
731	7.30	-3.553	-2.008	-1.523	-2.562	-4.975	-8.042	-10.699	-11.880	-10.862	-7.525
741	7.40	-2.444	3.237	8.117	10.957	11.082	8.820	4.599	0.004	-3.399	-4.830
751	7.50	-4.185	-1.965	0.624	2.520	3.052	2.207	0.589	-0.885	-1.387	-0.514
761	7.60	1.565	4.209	6.570	7.904	7.815	6.332	3.852	0.977	-1.674	-3.604
771	7.70	-4.521	-4.357	-3.256	-1.522	0.434	2.177	3.334	3.671	3.130	1.824
781	7.80	-0.013	-2.097	-4.161	-5.880	-7.062	-7.453	-6.865	-5.246	-2.767	0.120
791	7.90	2.730	4.309	4.286	2.509	-0.630	-4.271	-7.342	-8.928	-8.604	-6.596
801	8.00	-3.705	-1.009	0.530	0.415	-1.224	-3.693	-6.000	-7.193	-6.670	-4.362
811	8.10	-0.621	3.720	7.769	10.688	11.884	11.111	8.510	4.580	0.096	-4.042
821	8.20	-7.007	-8.245	-7.632	-5.508	-2.546	0.368	2.604	3.791	3.983	3.529
831	8.30	2.862	2.273	1.789	1.197	0.215	-1.309	-3.269	-5.220	-6.891	-7.741
841	8.40	-7.752	-7.149	-6.326	-5.631	-5.183	-4.845	-4.299	-3.298	-1.859	-0.223
851	8.50	1.085	1.595	1.219	0.162	-1.081	-1.994	-2.300	-2.089	-1.743	-1.681
861	8.60	-2.078	-2.726	-3.103	-2.659	-1.154	1.144	3.521	5.130	5.414	4.411
871	8.70	2.774	1.471	1.302	2.474	4.659	6.222	6.723	5.466	2.697	-0.496
881	8.80	-2.859	-3.366	-1.896	0.878	3.705	5.337	5.681	3.069	0.166	-2.565
891	8.90	-4.173	-4.401	-3.633	-2.650	-2.199	-2.616	-3.669	-4.692	-4.912	-3.814
901	9.00	-1.392	1.883	5.139	7.495	8.284	7.240	4.537	0.714	-3.665	-7.178
911	9.10	-9.716	-10.620	-9.783	-7.481	-4.301	-0.985	1.780	3.555	4.250	4.088
921	9.20	3.463	2.754	2.189	1.810	1.569	1.345	1.222	1.276	1.567	2.013
931	9.30	2.334	2.145	1.149	-0.648	-2.838	-4.703	-5.484	-4.722	-2.697	0.560
941	9.40	3.399	5.449	5.980	5.263	3.956	2.850	2.506	2.982	3.845	4.524
951	9.50	4.671	3.628	2.353	1.232	0.733	0.956	1.541	1.906	1.567	0.469
961	9.60	-0.952	-1.945	-1.823	-0.537	2.143	4.760	6.533	6.790	5.455	3.048
971	9.70	0.411	-1.688	-2.881	-3.281	-3.514	-3.508	-3.702	-3.984	-3.844	-2.957
981	9.80	-1.344	0.581	2.193	2.992	2.891	2.501	1.935	2.425	3.950	6.076
991	9.90	7.907	8.496	7.309	4.521	0.982	-2.127	-5.804	-8.639	-1.963	0.344

Table 7—49—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.260	3.051	2.521	0.986	-0.958	-2.749	-4.060	-4.830	-5.130	-5.005
1011	10.10	-4.408	-3.273	-1.675	0.047	1.320	1.560	0.472	-1.213	-4.246	-6.128
1021	10.20	-6.552	-5.290	-2.836	-0.201	1.559	1.836	0.758	-0.901	-2.140	-2.261
1031	10.30	-1.240	0.268	1.302	1.138	-0.279	-2.258	-3.709	-3.716	-2.061	0.609
1041	10.40	3.077	4.168	3.366	1.109	-1.421	-2.898	-2.566	-0.647	1.747	3.205
1051	10.50	2.792	0.600	-2.233	-4.082	-3.694	-0.928	3.055	6.266	6.838	3.983
1061	10.60	-1.514	-7.551	-11.611	-11.904	-8.201	-1.961	4.315	8.193	8.364	5.152
1071	10.70	0.257	-4.103	-6.239	-5.699	-3.346	-0.794	0.461	-0.205	-2.296	-4.507
1081	10.80	-5.451	-4.361	-1.467	2.178	4.995	6.037	4.947	2.279	-0.876	-5.403
1091	10.90	-4.619	-4.468	-3.417	-2.157	-1.273	-1.038	-1.398	-2.085	-2.768	-3.196
1101	11.00	-3.217	-2.788	-1.960	-0.874	0.233	1.065	1.369	0.946	-0.067	-1.409
1111	11.10	-2.700	-3.639	-4.137	-4.335	-4.484	-4.751	-5.075	-5.165	-4.671	-3.441
1121	11.20	-1.704	-0.042	0.865	0.631	-0.533	-1.786	-1.969	-0.153	3.842	9.219
1131	11.30	14.430	17.788	18.191	15.637	11.256	8.845	4.107	3.945	6.167	9.574
1141	11.40	12.768	14.531	14.565	13.283	11.533	10.062	9.147	8.562	7.878	6.874
1151	11.50	5.705	5.222	5.772	7.520	9.792	11.310	10.765	7.522	2.101	-3.865
1161	11.60	-8.237	-9.307	-6.623	-1.294	4.405	7.992	7.815	3.863	-2.311	-8.239
1171	11.70	-11.633	-11.362	-7.888	-2.976	1.139	2.732	1.249	-2.616	-7.396	-11.612
1181	11.80	-14.397	-15.726	-16.163	-16.380	-16.681	-16.862	-16.428	-15.036	-12.849	-10.599
1191	11.90	-9.278	-9.617	-11.862	-14.561	-17.061	-17.877	-16.352	-12.694	-7.831	-2.940
1201	12.00	1.069	3.861	5.624	6.751	7.370	7.371	6.364	4.167	1.141	-1.737
1211	12.10	-3.216	-2.384	0.769	5.167	9.019	10.617	9.173	5.285	0.734	-2.313
1221	12.20	-2.327	0.845	5.906	10.764	13.578	13.662	11.776	9.647	8.965	10.392
1231	12.30	15.128	15.288	14.923	11.133	4.703	-2.143	-6.766	-7.433	-4.246	0.805
1241	12.40	4.741	5.017	0.777	-6.689	-14.519	-19.616	-20.088	-16.102	-9.739	-3.940
1251	12.50	-1.081	-1.876	-5.122	-8.377	-9.203	-6.344	-0.279	7.077	13.321	16.652
1261	12.60	16.573	13.908	10.195	6.855	4.445	2.721	0.833	-1.940	-5.683	-9.719
1271	12.70	-12.929	-14.314	-13.689	-10.859	-7.610	-4.250	-2.153	-1.319	-1.431	-1.924
1281	12.80	-2.288	-2.253	-1.786	-0.979	0.074	1.317	2.676	3.994	5.034	5.579
1291	12.90	5.587	5.280	5.087	5.429	6.466	7.944	9.257	9.733	8.979	7.117
1301	13.00	4.758	2.709	1.582	1.505	2.106	2.783	3.068	2.880	2.484	2.127
1311	13.10	1.913	1.128	-1.041	-5.210	-11.146	-17.491	-22.071	-22.744	-18.437	-9.861
1321	13.20	0.523	9.353	13.720	12.598	6.383	-1.548	-8.062	-10.704	-8.871	-3.887
1331	13.30	1.800	5.868	7.151	5.977	3.689	1.704	0.658	0.141	-0.865	-3.129
1341	13.40	-6.441	-9.482	-10.435	-8.024	-2.407	4.634	10.376	12.443	10.061	4.490
1351	13.50	-1.278	-4.062	-1.938	4.757	13.503	20.710	23.350	20.298	12.758	3.584
1361	13.60	-4.124	-8.455	-9.424	-8.705	-8.530	-10.377	-14.132	-18.166	-20.259	-18.889
1371	13.70	-14.177	-7.992	-3.102	-1.800	-4.664	-10.106	-14.961	-15.892	-10.973	-0.709
1381	13.80	11.996	22.939	28.351	26.461	18.254	7.082	-2.714	-7.542	-5.946	0.945
1391	13.90	10.040	17.662	21.046	19.313	13.546	6.030	-0.933	-6.024	-9.265	-11.628
1401	14.00	-14.155	-17.092	-19.529	-19.754	-16.144	-8.151	3.162	15.315	25.298	30.727
1411	14.10	30.737	26.196	19.147	11.922	6.013	1.837	-1.129	-3.666	-6.014	-7.787
1421	14.20	-8.079	-6.259	-2.616	1.464	3.992	3.339	-0.822	-7.128	-12.980	-15.683
1431	14.30	-13.755	-7.741	-0.095	5.875	7.512	4.078	-2.849	-10.049	-14.095	-12.889
1441	14.40	-6.595	2.441	10.726	15.095	13.973	7.894	-0.888	-9.602	-15.126	-16.769
1451	14.50	-14.465	-9.403	-3.193	2.694	7.217	9.780	10.123	8.267	4.562	-0.201
1461	14.60	-4.806	-7.851	-8.200	-5.483	-0.372	5.536	10.248	12.123	10.520	6.046
1471	14.70	0.296	-4.825	-7.877	-8.434	-7.162	-5.414	-4.561	-5.350	-7.598	-10.326
1481	14.80	-12.256	-12.419	-10.589	-7.368	-3.880	-1.254	-0.118	-0.354	-1.188	-1.573
1491	14.90	-0.679	1.744	5.271	9.013	12.023	13.692	13.963	13.269	12.247	11.364

Table 7—49—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	10.660	9.732	7.969	4.936	0.701	-4.044	-8.170	-10.510	-10.328	-7.634
1511	15.10	-3.202	1.707	5.817	8.282	8.928	8.192	6.806	5.380	4.106	2.696
1521	15.20	0.611	-2.555	-6.709	-11.106	-14.509	-15.617	-13.593	-8.466	-1.234	6.405
1531	15.30	12.603	15.968	16.012	13.237	8.871	4.352	0.807	-1.264	-1.991	-1.858
1541	15.40	-1.348	-0.692	0.129	1.159	2.187	2.617	1.660	-1.340	-6.235	-12.046
1551	15.50	-17.081	-19.602	-18.636	-14.547	-9.026	-4.437	-2.759	-4.627	-8.976	-13.501
1561	15.60	-15.727	-14.495	-10.179	-4.990	-1.638	-1.937	-5.726	-10.750	-13.633	-11.521
1571	15.70	-3.588	8.354	20.499	28.461	30.123	24.808	15.237	5.300	-1.534	-3.672
1581	15.80	-1.843	1.621	4.216	4.620	3.250	1.281	1.957	4.397	8.098	10.927
1591	15.90	10.825	7.056	0.779	-5.398	-8.683	-7.520	-2.618	4.259	9.428	10.771
1601	16.00	7.797	1.966	-4.148	-8.184	-9.093	-7.652	-4.926	-3.165	-2.868	-3.351
1611	16.10	-3.223	-1.154	3.119	8.497	12.963	14.566	12.401	7.076	0.451	-5.222
1621	16.20	-8.265	-8.195	-5.708	-2.127	1.341	4.110	6.266	8.182	10.017	11.418
1631	16.30	11.627	9.933	6.179	1.018	-4.271	-8.317	-10.271	-10.174	-8.869	-7.512
1641	16.40	-6.937	-7.233	-7.622	-7.069	-4.714	-0.501	4.677	9.255	11.597	10.641
1651	16.50	6.311	-0.447	-8.010	-14.619	-18.903	-20.202	-18.615	-14.806	-9.696	-4.171
1661	16.60	1.093	5.665	9.286	11.760	12.898	12.560	10.778	7.908	4.689	2.144
1671	16.70	1.283	2.705	6.262	10.852	14.867	16.569	14.896	9.971	3.188	-3.252
1681	16.80	-7.213	-7.541	-6.607	-0.198	5.246	3.751	0.661	-6.934	-10.671	-14.088
1691	16.90	-13.727	-9.885	-4.534	-0.442	0.111	-3.577	-10.248	-17.186	-21.380	-20.811
1701	17.00	-15.285	-6.464	2.884	10.044	13.370	12.749	9.372	5.011	1.197	-1.303
1711	17.10	-2.525	-2.953	-3.040	-2.916	-2.413	-1.369	0.061	1.297	1.568	0.364
1721	17.20	-2.151	-5.038	-6.921	-6.628	-3.843	0.594	4.936	7.262	6.366	2.385
1731	17.30	-3.169	-7.999	-10.005	-8.195	-3.104	3.461	9.236	12.479	12.652	10.519
1741	17.40	7.623	5.463	4.768	5.231	5.808	5.400	3.529	0.665	-1.978	-3.033
1751	17.50	-1.696	1.854	6.507	10.712	13.135	13.173	11.056	7.566	3.548	-0.486
1761	17.60	-4.442	-8.418	-12.339	-15.728	-17.791	-17.815	-15.640	-11.929	-8.000	-5.266
1771	17.70	-4.512	-5.421	-6.607	-6.219	-2.857	3.654	12.008	19.870	24.829	25.433
1781	17.80	21.805	15.554	9.019	4.216	1.995	1.779	2.008	1.016	-2.096	-7.005
1791	17.90	-12.382	-16.456	-18.038	-16.869	-13.741	-10.012	-6.916	-5.011	-4.031	-3.185
1801	18.00	-1.694	0.730	3.720	6.476	8.231	8.682	8.159	7.423	7.223	7.837
1811	18.10	8.863	9.372	8.360	5.274	0.342	-5.454	-10.757	-14.392	-15.838	-15.407
1821	18.20	-14.068	-12.883	-12.697	-13.600	-15.001	-15.887	-15.256	-12.525	-7.736	-1.522
1831	18.30	5.128	11.172	15.772	18.430	19.016	17.725	15.026	11.589	8.225	5.716
1841	18.40	6.620	5.058	6.611	8.405	9.422	8.931	6.869	3.962	1.485	0.712
1851	18.50	2.266	5.687	9.448	11.482	10.050	4.568	-3.977	-13.257	-20.427	-23.217
1861	18.60	-20.832	-14.247	-5.787	1.845	6.635	7.961	6.622	4.225	2.258	1.318
1871	18.70	0.883	-0.286	-3.320	-8.434	-14.570	-19.711	-21.720	-19.344	-12.884	-4.203
1881	18.80	3.948	9.008	9.608	6.062	0.156	-5.646	-9.219	-9.572	-7.091	-3.196
1891	18.90	0.416	2.530	2.900	2.228	1.717	2.627	4.738	8.148	11.477	13.358
1901	19.00	12.799	9.587	4.373	-1.555	-6.710	-9.873	-10.423	-8.429	-4.522	0.375
1911	19.10	5.343	9.623	12.945	14.987	15.790	15.617	13.979	11.653	8.711	5.523
1921	19.20	2.491	-0.043	-1.899	-3.092	-3.783	-4.163	-4.332	-4.266	-5.814	-7.898
1931	19.30	-1.619	-0.340	0.393	0.058	-1.573	-3.256	-7.263	-9.601	-10.369	-9.124
1941	19.40	-6.097	-2.153	1.494	3.705	3.828	1.930	-1.231	-4.458	-6.508	-6.481
1951	19.50	-4.079	0.324	5.811	11.193	15.339	17.479	17.395	15.450	12.451	9.368
1961	19.60	7.014	5.783	5.551	5.787	5.821	5.162	3.716	1.796	-0.081	-1.511
1971	19.70	-2.454	-3.293	-4.625	-6.896	-10.056	-13.442	-15.980	-16.864	-14.964	-11.323
1981	19.80	-6.877	-3.094	-1.131	-1.312	-2.991	-4.850	-5.525	-4.266	-1.201	2.544
1991	19.90	5.528	6.555	5.205	1.997	-1.872	-5.040	-6.520	-6.006	-3.870	-0.889

Table 7—49—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	2.113	4.539	6.102	6.743	6.494	5.386	3.484	0.975	-1.745	-4.101
2011	20.10	-5.484	-5.466	-3.975	-1.332	1.843	4.838	7.041	8.056	7.713	6.044
2021	20.20	3.222	-0.414	-4.335	-7.825	-10.091	-10.479	-8.726	-5.127	-0.511	4.005
2031	20.30	7.307	9.039	8.960	7.651	5.807	3.974	2.325	0.667	-1.332	-3.853
2041	20.40	-6.722	-9.417	-11.276	-11.786	-10.802	-8.608	-5.706	-2.638	0.241	2.796
2051	20.50	5.011	6.828	8.057	8.422	7.731	6.055	3.795	1.560	0.019	-0.546
2061	20.60	-0.168	0.787	1.853	2.768	3.487	4.206	5.086	6.036	6.665	6.616
2071	20.70	4.893	2.144	-1.246	-4.358	-6.331	-6.781	-5.986	-4.752	-3.998	-4.271
2081	20.80	-5.448	-6.788	-7.309	-6.309	-3.745	-0.405	2.587	4.044	3.399	0.697
2091	20.90	-3.300	-7.568	-11.193	-13.639	-14.783	-14.779	-13.875	-12.305	-10.292	-8.121
2101	21.00	-6.159	-4.765	-4.108	-4.005	-3.909	-3.108	-1.077	2.202	6.112	9.591
2111	21.10	11.562	11.403	9.239	5.888	2.491	0.007	-1.170	-1.295	-1.030	-1.037
2121	21.20	-1.623	-2.545	-3.696	-4.441	-4.886	-5.395	-6.437	-8.203	-10.328	-11.906
2131	21.30	-11.850	-9.424	-4.684	1.403	7.272	11.362	12.751	11.518	8.681	5.744
2141	21.40	4.064	4.330	6.366	9.304	12.014	13.568	13.547	12.077	9.664	6.921
2151	21.50	4.361	2.302	0.906	0.258	0.421	1.425	3.203	5.534	8.042	10.261
2161	21.60	11.752	12.223	11.591	9.988	7.710	5.140	2.659	0.584	-0.891	-1.729
2171	21.70	-2.047	-2.074	-2.077	-2.254	-2.663	-3.209	-3.706	-3.986	-4.002	-3.868
2181	21.80	-3.804	-4.015	-4.572	-5.364	-6.156	-6.720	-6.972	-7.022	-7.115	-7.473
2191	21.90	-8.145	-8.943	-9.525	-9.570	-8.965	-7.873	-6.655	-5.657	-5.005	-4.517
2201	22.00	-3.800	-2.492	-0.506	1.864	4.060	5.553	6.156	6.173	6.279	7.157
2211	22.10	9.081	11.655	13.896	16.629	13.054	9.183	3.941	-1.950	-4.573	-5.622
2221	22.20	-3.742	-0.439	3.177	5.982	7.477	7.873	7.806	7.862	8.172	8.314
2231	22.30	7.547	5.278	1.468	-3.113	-7.293	-9.790	-9.847	-7.536	-3.722	0.317
2241	22.40	3.428	5.019	5.218	4.692	4.250	4.440	5.332	6.572	7.647	8.200
2251	22.50	8.228	8.052	8.098	8.616	9.491	10.252	10.292	9.161	6.806	3.631
2261	22.60	0.329	-2.401	-4.152	-4.952	-5.218	-5.534	-6.371	-7.872	-9.804	-11.667
2271	22.70	-12.919	-13.200	-12.476	-11.042	-9.422	-8.188	-7.791	-8.453	-10.091	-12.373
2281	22.80	-14.784	-16.757	-17.802	-17.632	-16.216	-13.769	-10.638	-7.157	-3.500	0.358
2291	22.90	4.566	9.210	14.117	18.759	22.341	24.066	23.490	20.772	16.700	12.433
2301	23.00	9.032	7.019	6.139	5.502	4.027	1.021	-3.404	-8.278	-12.153	-13.726
2311	23.10	-12.450	-8.817	-4.182	-0.206	1.834	1.522	-0.607	-3.415	-5.733	-6.861
2321	23.20	-6.765	-5.913	-4.858	-3.867	-2.777	-1.197	1.108	3.874	6.283	7.263
2331	23.30	6.031	2.577	-2.171	-6.638	-9.247	-9.101	-6.396	-2.322	1.493	3.736
2341	23.40	3.995	2.889	1.685	1.602	3.148	5.828	8.358	9.280	7.663	3.553
2351	23.50	-2.042	-7.616	-11.826	-14.036	-14.495	-14.076	-13.755	-14.081	-14.916	-15.540
2361	23.60	-15.047	-12.820	-8.845	-3.720	1.600	6.204	9.538	11.523	12.434	12.659
2371	23.70	12.460	11.883	10.816	9.159	6.965	4.687	2.095	0.123	-1.256	-2.066
2381	23.80	-2.435	-2.475	-2.168	-1.377	0.038	2.052	4.361	6.399	7.505	7.175
2391	23.90	5.293	2.220	-1.304	-4.415	-6.427	-7.067	-5.531	-5.365	-4.207	-3.556
2401	24.00	-3.589	-4.161	-4.926	-5.520	-5.713	-5.466	-4.886	-4.131	-3.308	-2.446
2411	24.10	-1.528	-0.564	0.349	1.040	1.336	1.170	0.651	0.055	-0.279	-0.109
2421	24.20	0.582	1.549	2.385	2.707	2.357	1.509	0.625	0.274	0.881	2.524
2431	24.30	4.888	7.373	9.341	10.356	10.329	9.492	8.233	6.877	5.542	4.131
2441	24.40	2.471	0.504	-1.580	-3.359	-4.353	-4.278	-3.237	-1.750	-0.572	-0.377
2451	24.50	-1.656	-3.571	-6.042	-8.045	-8.967	-8.669	-7.515	-6.176	-5.289	-5.147
2461	24.60	-5.576	-6.041	-5.933	-4.889	-2.985	-0.713	1.242	2.322	2.339	1.559
2471	24.70	0.566	0.009	0.331	1.611	3.570	5.717	7.551	8.720	9.088	8.704
2481	24.80	7.719	6.303	4.606	2.763	0.906	-0.834	-2.357	-3.635	-4.722	-5.731
2491	24.90	-6.758	-7.803	-8.721	-9.252	-9.110	-8.104	-6.234	-3.718	-0.923	1.742

Table 7—49—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.959	5.577	6.620	7.234	7.606	7.879	8.132	8.368	8.550	8.663
2511	25.10	8.635	8.552	8.448	8.395	8.452	8.647	8.956	9.301	9.575	9.693
2521	25.20	9.665	9.536	9.561	9.929	10.741	11.889	13.030	13.669	13.334	11.788
2531	25.30	9.159	5.936	2.807	0.593	-0.995	-1.435	-1.405	-1.467	-2.028	-3.133
2541	25.40	-4.448	-5.419	-5.556	-4.672	-3.001	-1.112	0.315	0.749	-0.012	-1.818
2551	25.50	-4.282	-6.969	-9.555	-11.891	-13.961	-15.794	-17.376	-18.629	-19.452	-19.782
2561	25.60	-19.625	-19.037	-18.058	-16.653	-14.721	-12.162	-8.994	-5.440	-1.929	1.027
2571	25.70	3.012	3.883	3.840	3.347	2.937	2.974	3.506	4.249	4.744	4.583
2581	25.80	3.624	2.068	0.378	-0.922	-1.485	-1.296	-0.674	-0.127	-0.124	-0.876
2591	25.90	-2.234	-3.732	-4.758	-4.788	-3.583	-1.279	1.659	4.601	6.954	8.367
2601	26.00	8.707	8.237	7.280	6.167	5.088	4.052	2.951	1.679	0.260	-1.101
2611	26.10	-2.072	-2.327	-1.718	-0.378	1.293	2.776	3.663	3.754	3.314	2.786
2621	26.20	2.663	3.218	4.349	5.592	6.317	5.994	4.437	1.877	-1.144	-4.014
2631	26.30	-6.301	-7.892	-8.953	-9.744	-10.407	-10.816	-10.638	-9.522	-7.351	-4.404
2641	26.40	-1.361	1.021	2.023	1.443	-0.413	-2.838	-5.018	-6.349	-6.637	-6.089
2651	26.50	-5.125	-4.120	-3.207	-2.250	-0.978	0.804	3.045	5.424	7.477	8.815
2661	26.60	9.304	9.109	8.593	8.105	7.796	7.549	7.078	6.118	4.623	2.844
2671	26.70	1.252	0.323	0.319	1.155	2.437	3.638	4.322	4.315	3.717	2.790
2681	26.80	1.782	0.795	-0.224	-1.376	-2.640	-3.777	-4.354	-3.917	-2.221	0.588
2691	26.90	3.951	7.048	9.065	9.475	8.183	5.514	2.040	-1.644	-5.093	-8.072
2701	27.00	-10.496	-12.327	-13.490	-13.873	-13.402	-12.126	-10.256	-8.113	-6.011	-4.134
2711	27.10	-2.489	-0.953	0.592	2.129	3.458	4.258	4.254	3.386	1.884	0.207
2721	27.20	-1.147	-1.857	-1.918	-1.625	-1.398	-1.549	-2.104	-2.778	-3.124	-2.776
2731	27.30	-1.661	-0.064	1.499	2.584	2.829	2.584	2.338	2.715	4.125	6.562
2741	27.40	9.485	12.200	13.962	14.357	13.425	11.591	9.460	7.550	6.109	5.072
2751	27.50	4.170	3.105	1.716	0.044	-1.701	-3.237	-4.325	-4.821	-4.691	-3.980
2761	27.60	-2.795	-1.316	0.184	1.344	1.779	1.213	-0.374	-2.453	-4.977	-6.562
2771	27.70	-6.756	-5.304	-2.482	0.972	4.110	6.110	6.561	5.574	3.672	1.526
2781	27.80	-0.348	-1.781	-2.947	-4.195	-5.788	-7.710	-9.623	-11.005	-11.401	-10.647
2791	27.90	-8.961	-6.858	-4.926	-3.580	-2.918	-2.761	-2.717	-2.605	-2.401	-2.340
2801	28.00	-2.744	-3.808	-5.430	-7.194	-8.512	-8.874	-8.067	-6.262	-3.933	-1.652
2811	28.10	0.240	1.582	2.564	3.467	4.482	5.575	6.500	6.951	6.761	6.031
2821	28.20	5.105	4.402	4.176	4.347	4.509	4.115	2.777	0.518	-2.152	-4.400
2831	28.30	-5.404	-4.715	-2.469	0.639	3.639	5.666	6.296	5.665	4.346	3.042
2841	28.40	2.256	2.104	2.321	2.471	2.215	1.511	0.645	0.087	0.261	1.361
2851	28.50	3.178	5.371	7.444	9.015	9.888	10.038	9.525	8.411	6.762	4.595
2861	28.60	2.160	-0.230	-2.159	-3.272	-3.438	-2.846	-1.957	-1.333	-1.390	-2.229
2871	28.70	-3.591	-4.994	-5.969	-6.291	-6.077	-5.714	-5.449	-6.155	-7.179	-8.362
2881	28.80	-9.210	-9.327	-8.596	-7.218	-5.601	-4.162	-3.138	-2.512	-2.065	-1.528
2891	28.90	-0.742	0.263	1.285	2.079	2.484	2.520	2.381	2.345	2.652	3.411
2901	29.00	4.560	5.911	7.221	8.271	8.912	9.076	8.768	8.042	6.999	5.774
2911	29.10	4.523	3.395	2.489	1.827	1.344	0.917	0.404	-0.308	-1.274	-2.494
2921	29.20	-3.918	-5.464	-7.008	-8.382	-9.382	-9.811	-9.549	-8.637	-7.311	-5.966
2931	29.30	-5.036	-4.827	-5.387	-6.463	-7.589	-8.262	-8.138	-7.158	-5.538	-3.645
2941	29.40	-1.812	-0.199	1.235	2.653	4.187	5.826	7.390	8.628	9.360	9.594
2951	29.50	9.561	9.501	9.700	10.151	10.637	10.823	10.447	9.485	8.186	6.966
2961	29.60	6.196	5.998	6.168	6.247	5.857	4.640	2.786	0.698	-1.096	-2.205
2971	29.70	-2.553	-2.391	-2.136	-2.143	-2.505	-3.013	-3.274	-2.939	-1.908	-0.415
2981	29.80	1.057	1.996	2.077	1.335	0.123	-1.038	-1.683	-1.593	-0.859	0.192
2991	29.90	1.156	1.737	1.847	1.617	1.311	1.190	1.403	1.930	2.587	3.145

Table 7—49—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	3.325	2.979	2.092	0.791	-0.693	-2.099	-3.229	-4.021	-4.583	-5.148
3011	30.10	-5.989	-7.285	-9.012	-10.891	-12.450	-13.163	-12.643	-10.790	-7.859	-4.397
3021	30.20	-1.681	1.487	2.967	3.255	2.644	1.506	0.245	-0.836	-1.587	-1.994
3031	30.30	-2.119	-2.048	-1.850	-1.569	-1.235	-0.869	-0.485	-0.076	0.393	0.979
3041	30.40	1.730	2.656	3.697	4.714	5.523	5.938	5.833	5.185	4.087	2.731
3051	30.50	1.370	0.252	-0.428	-0.569	-0.187	0.599	1.594	2.572	3.330	3.733
3061	30.60	3.734	3.376	2.768	2.046	1.339	0.768	0.329	0.102	0.052	0.132
3071	30.70	0.268	0.364	0.328	0.100	-0.313	-0.821	-1.269	-1.487	-1.360	-0.894
3081	30.80	-0.235	0.360	0.615	0.326	-0.552	-1.890	-3.435	-4.901	-6.082	-6.912
3091	30.90	-7.475	-7.943	-8.486	-9.183	-9.983	-10.719	-11.171	-11.146	-10.549	-9.415
3101	31.00	-7.892	-6.199	-4.556	-3.127	-1.972	-1.038	-0.174	0.819	2.120	3.818
3111	31.10	5.857	8.029	10.011	11.454	12.090	11.821	10.761	9.199	7.509	6.027
3121	31.20	4.946	4.271	3.843	3.422	2.796	1.864	0.676	-0.602	-1.753	-2.600
3131	31.30	-3.068	-3.213	-3.191	-3.196	-3.386	-3.812	-4.390	-4.913	-5.107	-4.728
3141	31.40	-3.644	-1.906	0.247	2.439	4.271	5.440	5.838	5.581	4.959	4.323
3151	31.50	3.951	3.949	4.225	4.535	4.590	4.163	3.166	1.666	-0.233	-2.279
3161	31.60	-4.317	-6.214	-7.877	-9.232	-10.217	-10.794	-10.971	-10.817	-10.447	-9.978
3171	31.70	-9.478	-8.930	-8.246	-7.321	-6.113	-4.695	-3.252	-2.020	-1.178	-0.767
3181	31.80	-0.651	-0.580	-0.292	0.363	1.357	2.493	3.500	4.161	4.409	4.354
3191	31.90	4.224	4.253	4.577	5.176	5.892	6.509	6.849	6.838	6.515	5.986
3201	32.00	5.360	4.696	3.992	3.219	2.375	1.527	0.815	0.414	0.459	0.978
3211	32.10	1.842	2.783	3.458	3.645	2.860	1.436	-0.458	-2.368	-3.771	-4.239
3221	32.20	-3.576	-1.904	0.361	2.626	4.309	5.026	4.701	3.569	2.059	0.616
3231	32.30	-0.456	-1.070	-1.311	-1.310	-1.102	-0.561	0.536	2.455	5.119	8.204
3241	32.40	11.061	12.936	13.230	11.771	8.912	5.442	2.326	0.358	-0.112	0.709
3251	32.50	2.163	3.409	3.736	2.809	0.749	-1.958	-4.682	-6.878	-8.260	-8.864
3261	32.60	-8.873	-8.675	-8.519	-8.537	-8.713	-8.942	-9.109	-9.143	-9.032	-8.788
3271	32.70	-8.398	-7.778	-6.778	-5.230	-3.024	-0.191	3.058	6.348	9.223	11.274
3281	32.80	12.251	12.144	11.166	9.670	8.029	6.500	5.170	3.970	2.772	1.507
3291	32.90	0.252	-0.764	-1.238	-0.928	0.234	2.086	4.291	6.467	8.326	9.773
3301	33.00	10.898	11.868	12.787	13.578	13.971	13.600	12.168	9.612	6.175	2.352
3311	33.10	-1.269	-4.205	-6.225	-7.389	-7.968	-8.289	-8.594	-8.960	-9.329	-9.593
3321	33.20	-9.702	-9.705	-9.734	-9.907	-10.243	-10.621	-10.816	-10.691	-9.864	-8.671
3331	33.30	-7.256	-5.920	-4.917	-4.344	-4.119	-4.022	-3.795	-3.237	-2.266	-0.917
3341	33.40	0.673	2.326	3.846	5.032	5.694	5.675	4.912	3.497	1.706	-0.031
3351	33.50	-1.232	-1.512	-0.731	0.948	3.090	5.133	6.572	7.110	6.724	5.621
3361	33.60	4.108	2.461	0.838	-0.719	-2.212	-3.592	-4.707	-5.323	-5.232	-4.320
3371	33.70	-2.750	-0.857	0.894	2.077	2.442	1.999	0.993	-0.209	-1.261	-1.961
3381	33.80	-2.310	-2.464	-2.661	-2.997	-3.542	-4.125	-4.493	-4.400	-3.720	-2.513
3391	33.90	-1.029	0.369	1.334	1.652	1.330	0.589	-0.218	-0.739	-0.766	-0.310
3401	34.00	0.403	1.036	1.287	1.026	0.354	-0.440	-1.002	-1.076	-0.621	0.162
3411	34.10	0.914	1.264	0.980	0.048	-1.336	-2.872	-4.283	-5.410	-6.235	-6.816
3421	34.20	-7.196	-7.334	-7.105	-6.373	-5.108	-3.463	-1.776	-0.479	0.063	-0.308
3431	34.30	-1.471	-3.071	-4.654	-5.833	-6.403	-6.368	-5.865	-5.069	-3.990	-2.655
3441	34.40	-0.970	1.074	3.330	5.487	7.455	8.609	7.921	7.019	5.636	4.166
3451	34.50	2.935	2.077	1.551	1.220	0.980	0.838	0.913	1.352	2.210	3.366
3461	34.60	4.536	5.376	5.634	5.276	4.514	3.727	3.296	3.447	4.168	5.233
3471	34.70	6.321	7.157	7.609	7.697	7.516	7.132	6.518	5.564	4.558	3.285
3481	34.80	0.089	-2.156	-4.149	-5.689	-6.756	-7.506	-8.165	-8.899	-9.706	-10.412
3491	34.90	-10.757	-10.539	-9.730	-8.511	-7.185	-6.043	-5.219	-4.643	-4.090	-3.322

Table 7—49—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 30.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-2.230	-0.914	0.358	1.274	1.644	1.509	1.138	0.916	1.181	2.069
3511	35.10	3.460	5.034	6.405	7.277	7.544	7.296	6.743	6.102	5.492	4.908
3521	35.20	4.247	3.392	2.286	0.973	-0.415	-1.717	-2.804	-3.622	-4.195	-4.589
3531	35.30	-4.861	-5.017	-5.009	-4.756	-4.194	-3.316	-2.192	-0.944	0.292	1.417
3541	35.40	2.402	3.280	4.108	4.916	5.671	6.280	6.632	6.673	6.456	6.157
3551	35.50	6.017	6.245	6.912	7.695	8.904	9.586	9.665	9.061	7.914	6.523
3561	35.60	5.204	4.151	3.361	2.665	1.844	0.771	-0.503	-1.757	-2.713	-3.185
3571	35.70	-3.195	-2.980	-2.889	-3.219	-4.068	-5.289	-6.562	-7.555	-8.084	-8.195
3581	35.80	-8.127	-8.172	-8.513	-9.119	-9.751	-10.033	-9.854	-8.990	-7.626	-6.026
3591	35.90	-4.653	-3.052	-1.816	-0.639	0.579	1.853	3.093	4.166	5.003	5.671
3601	36.00	6.370	7.342	8.222	10.425	12.121	13.328	13.596	12.693	10.722	8.097
3611	36.10	5.410	3.216	1.850	1.338	1.618	1.685	1.755	1.412	0.669	-0.266
3621	36.20	-1.087	-1.515	-1.391	-0.727	0.315	1.480	2.695	3.142	3.304	2.982
3631	36.30	2.293	1.383	0.482	-0.246	-0.693	-0.828	-0.702	-0.416	-0.094	0.149
3641	36.40	0.225	0.080	-0.316	-0.972	-1.886	-3.031	-4.348	-5.751	-7.039	-8.113
3651	36.50	-8.822	-9.100	-8.972	-8.550	-7.993	-7.448	-6.990	-6.592	-6.136	-5.426
3661	36.60	-4.516	-3.271	-1.906	-0.680	0.142	0.394	0.091	-0.557	-1.213	-1.527
3671	36.70	-1.265	-0.386	0.951	2.456	3.822	4.827	5.392	5.572	5.495	5.287
3681	36.80	5.016	4.686	4.259	3.699	2.998	2.178	1.267	0.274	-0.817	-2.018
3691	36.90	-3.304	-4.576	-5.665	-6.380	-6.579	-6.228	-5.427	-4.372	-3.281	-2.306
3701	37.00	-1.490	-0.772	-0.058	0.697	1.428	1.964	2.096	1.686	0.753	-0.491
3711	37.10	-1.695	-2.492	-2.635	-2.102	-1.116	-0.085	0.630	0.678	0.013	-1.176
3721	37.20	-2.528	-3.636	-4.198	-4.108	-3.479	-2.578	-1.710	-1.101	-0.826	-0.797
3731	37.30	-0.823	-0.703	-0.310	0.368	1.240	2.165	3.011	3.706	4.234	4.618
3741	37.40	4.881	5.029	5.052	4.954	4.764	4.529	4.281	3.986	3.520	2.699
3751	37.50	1.359	-0.538	-2.825	-5.136	-7.012	-8.062	-8.143	-7.430	-6.378	-5.537
3761	37.60	-5.332	-5.876	-6.920	-7.961	-8.665	-9.100	-8.877	-8.137	-7.391	-6.091
3771	37.70	-1.647	-1.366	-1.542	-1.629	-1.425	-0.956	-0.434	-0.114	-0.127	-0.388
3781	37.80	-0.613	-0.459	0.307	1.681	3.402	5.059	6.261	6.802	6.730	6.308
3791	37.90	5.879	5.703	5.844	6.160	6.376	6.224	5.561	4.435	3.057	1.718
3801	38.00	0.673	0.044	-0.115	0.013	0.278	0.529	0.690	0.767	0.835	1.002
3811	38.10	1.365	1.984	2.869	3.971	5.194	6.408	7.470	8.249	8.650	8.628
3821	38.20	8.198	7.425	6.395	5.195	3.890	2.511	1.067	-0.432	-1.951	-3.616
3831	38.30	-4.711	-5.706	-6.290	-6.606	-6.677	-6.406	-6.553	-6.699	-6.000	-2.560
3841	38.40	-2.413	-2.529	-2.832	-3.222	-3.597	-3.871	-3.980	-3.897	-3.631	-3.233
3851	38.50	-2.786	-2.386	-2.112	-1.993	-1.997	-2.031	-1.977	-1.740	-1.290	-0.688
3861	38.60	-0.062	0.437	0.699	0.706	0.543	0.365	0.328	0.527	0.952	1.499
3871	38.70	2.016	2.375	2.530	2.525	2.468	2.468	2.575	2.755	2.906	2.914
3881	38.80	2.715	2.326	1.844	1.397	1.090	0.961	0.984	1.104	1.280	1.522
3891	38.90	1.873	2.361	2.940	3.460	3.692	3.412	2.509	1.062	-0.653	-2.241
3901	39.00	-3.331	-3.712	-3.406	-2.647	-1.763	-1.026	-0.549	-0.258	0.022	0.439
3911	39.10	0.993	1.509	1.707	1.355	0.611	-0.912	-2.206	-3.024	-3.075	-2.355
3921	39.20	-1.144	0.111	0.996	1.300	1.084	0.613	0.197	0.034	0.116	0.266
3931	39.30	0.276	0.039	-0.343	-0.622	-0.536	0.018	0.880	1.660	1.905	1.320
3941	39.40	-0.060	-1.842	-3.617	-4.214	-3.948	-2.741	-1.074	0.436	1.297	1.350
3951	39.50	0.808	0.122	-0.256	-0.081	0.564	1.366	1.866	1.861	1.345	0.590
3961	39.60	-0.013	-0.145	0.286	1.120	2.061	2.742	3.072	3.086	2.977	2.953
3971	39.70	3.086	3.270	3.274	2.880	2.019	0.838	-0.353	-1.226	-1.595	-1.520
3981	39.80	-1.279	-1.237	-1.656	-2.557	-3.690	-4.666	-5.044	-4.716	-3.790	-2.641
3991	39.90	-1.721	-1.358	-1.618	-2.286	-2.979	-3.323	-3.118	-2.404	-1.413	-0.433

Table 7—49—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1142 1017-GR-1-7 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 39.737 (GAL) T= 14.11 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 0.03 (GAL)	* 0.04 (GAL)	* 0.05 (GAL)	* 0.06 (GAL)	* 0.07 (GAL)	* 0.08 (GAL)	* 0.09 (GAL)	* 0.10 (GAL)
4001	40.00	0.537	0.872	1.306	1.833	2.576	3.500	4.429	5.108	5.341	5.082
4011	40.10	4.652	3.683	2.997	2.511	2.192	1.892	1.448	0.775	-0.073	-0.928
4021	40.20	-1.590	-1.926	-1.937	-1.778	-1.679	-1.850	-2.388	-3.233	-4.188	-4.992
4031	40.30	-5.414	-5.327	-4.739	-3.781	-2.556	-1.575	-0.712	-0.172	0.013	-0.131
4041	40.40	-0.535	-1.117	-1.793	-2.492	-3.156	-3.742	-4.206	-4.504	-4.586	-4.505
4051	40.50	-3.935	-3.186	-2.217	-1.129	-0.054	0.878	1.558	1.918	1.961	1.853
4061	40.60	1.119	0.433	-0.287	-0.916	-1.361	-1.489	-1.351	-0.990	-0.524	-0.086
4071	40.70	0.221	0.368	0.398	0.404	0.476	0.656	0.908	1.166	1.362	1.492
4081	40.80	1.637	1.937	2.522	3.430	4.567	5.718	6.623	7.084	7.049	6.637
4091	40.90	6.082	5.628	5.416	5.423	5.474	5.335	4.824	3.904	2.701	1.449
4101	41.00	0.385	-0.352	-0.777	-1.046	-1.377	-1.961	-2.880	-4.086	-5.425	-6.691
4111	41.10	-7.693	-8.288	-8.604	-8.034	-7.233	-6.108	-4.811	-3.519	-2.397	-1.550
4121	41.20	-0.982	-0.590	-0.202	0.356	1.179	2.229	3.346	4.308	4.929	5.139
4131	41.30	5.015	4.737	4.499	4.410	4.443	4.450	4.241	3.683	2.780	1.671
4141	41.40	0.570	-0.336	-0.977	-1.424	-1.840	-2.385	-3.115	-3.942	-4.665	-5.074
4151	41.50	-5.052	-4.669	-4.066	-3.559	-3.321	-3.385	-3.611	-3.755	-3.600	-3.070
4161	41.60	-2.283	-1.496	-0.978	-0.888	-1.172	-1.588	-1.812	-1.593	-0.874	0.169
4171	41.70	1.206	1.897	2.046	1.694	1.095	0.605	0.526	0.978	1.865	2.927
4181	41.80	3.869	4.486	4.738	4.730	4.637	4.592	4.618	4.624	4.465	4.033
4191	41.90	3.330	2.477	1.658	1.031	0.644	0.409	0.143	-0.342	-1.141	-2.199
4201	42.00	-3.327	-4.279	-4.855	-4.988	-4.765	-4.389	-4.086	-4.009	-4.185	-4.519
4211	42.10	-4.854	-5.054	-5.078	-4.995	-4.958	-5.127	-5.597	-6.352	-7.263	-8.136
4221	42.20	-8.775	-9.037	-8.864	-8.272	-7.324	-6.102	-4.684	-3.158	-1.631	-0.238
4231	42.30	0.873	1.585	1.865	1.796	1.580	1.473	1.705	2.379	3.424	4.601
4241	42.40	5.583	6.082	5.957	5.275	4.291	3.358	2.795	2.775	3.282	4.128
4251	42.50	5.066	5.799	6.256	6.427	6.420	6.379	6.411	6.551	6.760	6.987
4261	42.60	7.107	7.157	7.138	7.090	7.054	7.045	7.052	7.046	6.990	6.860
4271	42.70	6.546	6.051	5.302	4.279	3.026	1.669	0.400	-0.574	-1.105	-1.177
4281	42.80	-0.924	-0.604	-0.502	-0.826	-1.622	-2.750	-3.938	-4.886	-5.375	-5.361
4291	42.90	-4.876	-4.167	-3.406	-2.715	-2.113	-1.544	-0.937	-0.270	0.410	0.999
4301	43.00	1.396	1.545	1.480	1.300	1.132	1.033	1.057	1.157	1.273	1.365
4311	43.10	1.442	1.550	1.732	1.988	2.246	2.386	2.293	1.927	1.378	0.859
4321	43.20	0.648	0.985	1.973	3.513	5.315	6.974	8.097	8.422	7.898	6.699
4331	43.30	5.157	3.664	2.551	2.003	2.028	2.475	3.101	3.647	3.915	3.805
4341	43.40	3.328	2.583	1.716	0.876	0.177	-0.321	-0.616	-0.755	-0.812	-0.868
4351	43.50	-1.002	-1.285	-1.780	-2.538	-3.586	-4.904	-6.397	-7.880	-9.095	-9.763
4361	43.60	-9.686	-8.736	-7.112	-5.136	-3.270	-1.961	-1.487	-1.867	-2.846	-3.994
4371	43.70	-4.874	-5.212	-4.998	-4.473	-4.010	-3.935	-4.367	-5.166	-5.985	-6.431
4381	43.80	-6.242	-5.406	-4.166	-2.916	-2.035	-1.740	-2.026	-2.703	-3.521	-4.288
4391	43.90	-4.963	-5.562	-6.173	-6.872	-7.563	-8.095	-8.319	-8.183	-7.775	-7.292
4401	44.00	-6.935	-6.803	-6.837	-6.839	-6.586	-5.948	-4.978	-3.898	-3.010	-2.552
4411	44.10	-2.599	-3.037	-3.633	-4.160	-4.505	-4.696	-4.848	-5.052	-5.220	-5.315
4421	44.20	-4.920	-3.876	-2.164	-0.012						

Table 7—50—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	7.708	8.535	8.088	6.521	4.330	2.209	0.830	0.630	1.667	3.593
11	0.10	5.771	7.475	8.146	7.585	6.030	4.075	2.450	1.728	2.091	3.234
21	0.20	4.486	5.099	4.593	3.011	0.946	-0.688	-1.066	0.142	2.553	5.182
31	0.30	6.838	6.651	4.493	1.073	-2.341	-4.471	-4.597	-2.871	-0.234	2.047
41	0.40	2.990	2.365	0.791	-0.587	-0.694	0.906	3.753	6.664	8.269	7.655
51	0.50	4.808	0.653	-3.326	-5.710	-5.723	-3.517	-0.070	3.267	5.207	5.166
61	0.60	3.224	0.112	-3.116	-5.449	-6.203	-5.185	-2.711	0.477	3.395	5.065
71	0.70	4.805	2.498	-1.272	-5.308	-8.140	-8.541	-6.048	-1.240	4.359	8.789
81	0.80	10.377	8.402	3.616	-2.937	-8.522	-11.504	-10.986	-7.269	-1.661	4.163
91	0.90	8.581	10.682	10.314	7.957	4.432	0.600	-2.820	-5.320	-6.605	-6.596
101	1.00	-5.444	-3.532	-1.334	0.490	1.297	2.565	3.085	3.678	4.405	6.896
111	1.10	4.643	2.369	-1.494	-6.462	-11.055	-13.490	-12.460	-7.837	-0.934	5.865
121	1.20	10.004	9.825	5.512	-1.844	-8.918	-13.275	-13.455	-9.729	-3.892	1.591
131	1.30	4.663	4.498	1.705	-2.118	-5.225	-6.522	-5.959	-4.380	-2.963	-2.573
141	1.40	-3.359	-4.769	-5.927	-6.131	-5.210	-3.570	-1.926	-0.909	-0.748	-1.194
151	1.50	-1.703	-1.741	-1.075	0.125	1.573	2.101	1.907	0.716	-1.192	-3.284
161	1.60	-4.929	-5.582	-4.940	-3.058	-0.386	2.291	4.053	4.151	2.353	-0.955
171	1.70	-4.610	-7.220	-7.613	-5.400	-1.251	3.267	6.279	6.393	3.337	-1.749
181	1.80	-6.695	-9.930	-9.506	-5.675	0.104	5.583	8.669	8.299	4.862	-0.125
191	1.90	-4.541	-6.747	-6.124	-3.232	0.564	3.778	5.432	5.372	4.164	2.677
201	2.00	1.590	1.098	0.907	0.504	-0.470	-1.967	-3.502	-4.369	-5.976	-2.163
211	2.10	0.773	3.980	6.512	7.550	6.695	4.092	0.388	-3.462	-6.368	-7.583
221	2.20	-6.739	-4.053	-0.261	3.582	6.417	7.500	6.628	4.175	0.943	-2.133
231	2.30	-4.276	-5.072	-4.502	-2.827	-0.431	2.302	5.007	7.285	8.654	8.614
241	2.40	6.818	3.313	-1.291	-5.874	-9.090	-9.340	-7.713	-5.209	2.383	7.437
251	2.50	10.564	11.096	9.252	5.957	2.407	-0.398	-1.953	-2.267	-1.665	-0.519
261	2.60	0.930	2.571	4.282	5.796	6.676	6.485	5.041	2.623	-0.029	-1.963
271	2.70	-2.426	-1.233	1.100	3.545	5.000	4.784	2.926	0.142	-2.526	-4.196
281	2.80	-4.535	-3.859	-2.915	-2.469	-2.811	-3.773	-4.660	-4.706	-3.457	-1.025
291	2.90	1.932	4.483	5.797	5.465	3.626	0.867	-2.020	-4.310	-5.539	-5.557
301	3.00	-4.491	-2.661	-0.395	1.838	3.677	4.833	5.171	4.721	3.916	3.007
311	3.10	2.405	2.271	2.485	2.690	2.459	1.523	-0.066	-1.908	-3.396	-3.971
321	3.20	-3.373	-1.775	0.270	2.033	2.904	2.615	1.338	-0.408	-1.968	-2.797
331	3.30	-2.646	-1.613	-0.082	1.436	2.470	2.723	2.142	0.916	-0.568	-1.822
341	3.40	-2.369	-1.883	-0.304	2.088	4.691	6.722	7.443	6.426	3.758	0.082
351	3.50	-3.551	-6.006	-5.454	-4.675	-1.179	2.969	6.399	8.086	7.507	4.901
361	3.60	1.130	-2.642	-5.355	-6.387	-5.696	-3.747	-1.280	0.979	2.524	3.158
371	3.70	2.943	2.081	0.809	-0.647	-2.058	-3.161	-3.661	-3.311	-2.036	-0.038
381	3.80	2.184	3.949	4.617	3.838	1.717	-1.188	-4.046	-6.046	-6.682	-5.909
391	3.90	-4.120	-1.948	-0.006	1.334	2.011	2.212	2.194	2.119	1.971	1.596
401	4.00	0.830	-0.358	-1.799	-3.159	-4.067	-4.278	-3.774	-2.780	-1.669	-0.815
411	4.10	-0.456	-0.612	-1.106	-1.634	-1.888	-1.661	-0.913	0.202	1.367	2.173
421	4.20	2.230	1.302	-0.576	-3.032	-5.407	-6.918	-6.926	-5.203	-2.102	1.476
431	4.30	4.342	5.432	4.227	1.004	-3.204	-6.953	-8.914	-8.375	-5.517	-1.340
441	4.40	2.727	5.379	5.913	4.442	1.771	-0.989	-2.887	-3.474	-2.880	-1.632
451	4.50	-0.345	0.578	1.069	1.215	1.252	1.189	0.879	0.162	-1.007	-2.198
461	4.60	-2.738	-1.992	0.410	4.061	7.837	10.223	9.916	6.464	0.619	-5.794
471	4.70	-10.498	-11.645	-8.597	-2.261	5.203	11.186	13.649	11.908	6.070	0.626
481	4.80	-4.429	-6.550	-5.286	-1.551	2.872	6.139	7.102	5.691	2.799	-0.233
491	4.90	-2.251	-2.749	-1.975	-0.668	0.378	0.704	0.329	-0.379	-1.001	-1.344

Table 7—50—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-1.536	-1.893	-2.653	-3.740	-4.712	-4.951	-3.992	-1.829	0.977	3.478
511	5.10	4.725	4.212	2.136	-0.632	-2.886	-3.577	-2.262	0.705	4.297	7.213
521	5.20	8.373	7.308	4.309	0.284	-3.585	-6.255	-7.136	-6.220	-4.014	-1.301
531	5.30	1.135	2.750	3.364	3.153	2.516	1.886	1.557	1.469	1.412	0.955
541	5.40	-0.243	-2.243	-4.703	-6.937	-8.120	-7.616	-5.259	-1.501	2.685	6.104
551	5.50	7.746	7.137	4.496	0.668	-3.287	-6.268	-7.651	-7.324	-5.641	-3.222
561	5.60	-0.711	1.399	2.837	3.538	3.572	3.089	2.279	1.366	0.474	-0.223
571	5.70	-0.741	-1.176	-1.660	-2.234	-2.755	-2.887	-2.222	-0.502	2.157	5.179
581	5.80	7.650	8.632	7.557	4.506	0.241	-4.065	-7.280	-8.750	-8.521	-7.236
591	5.90	-5.764	-4.758	-4.350	-4.152	-3.545	-2.099	0.104	2.435	3.977	3.982
601	6.00	2.262	-0.666	-3.775	-5.964	-6.512	-5.353	-3.028	-0.380	1.843	3.269
611	6.10	3.932	4.092	3.954	3.497	2.509	0.809	-1.485	-3.826	-5.367	-5.512
621	6.20	-3.328	0.199	4.219	7.391	8.617	7.687	4.435	0.524	-3.017	-5.299
631	6.30	-6.066	-5.675	-4.778	-3.924	-3.275	-2.586	-1.451	0.346	2.584	4.608
641	6.40	5.609	5.036	2.927	-0.020	-2.704	-4.085	-3.647	-1.628	1.084	3.363
651	6.50	4.351	3.827	2.267	0.569	-0.416	-0.318	0.572	1.453	1.433	0.004
661	6.60	-2.653	-5.681	-7.880	-8.214	-6.254	-2.378	2.369	6.671	9.419	10.084
671	6.70	8.819	6.313	3.467	1.061	-0.458	-1.014	-0.792	-0.084	0.844	1.791
681	6.80	2.604	3.154	3.330	3.096	2.532	1.852	1.331	1.185	1.455	1.971
691	6.90	2.426	2.539	2.220	1.662	1.157	1.098	1.558	2.271	2.692	2.246
701	7.00	0.653	-1.853	-4.516	-6.321	-6.409	-4.472	-0.940	3.139	6.481	8.055
711	7.10	7.476	5.117	1.937	-0.925	-2.576	-2.658	-1.395	0.587	2.559	3.962
721	7.20	4.548	4.368	3.651	2.663	1.619	0.666	-0.079	-0.305	-0.516	-0.085
731	7.30	0.696	1.612	2.379	2.767	2.704	2.322	1.909	1.778	2.106	2.837
741	7.40	3.674	4.180	3.952	2.776	0.723	-1.863	-4.455	-6.495	-7.526	-7.297
751	7.50	-5.809	-3.320	-0.304	2.625	4.820	5.749	5.136	3.076	0.052	-3.170
761	7.60	-5.745	-7.014	-6.712	-5.050	-2.615	-0.140	1.774	2.862	3.228	3.213
771	7.70	3.151	3.163	3.086	2.588	1.405	-0.417	-2.433	-3.931	-4.242	-3.095
781	7.80	-0.821	1.712	3.438	3.574	2.007	-0.607	-3.105	-4.340	-3.736	-1.596
791	7.90	0.991	2.613	2.191	-0.511	-4.734	-9.025	-11.849	-12.233	-10.146	-6.454
801	8.00	-2.494	0.522	1.971	1.963	1.116	0.132	-0.595	-1.130	-1.865	-3.067
811	8.10	-4.746	-6.447	-7.351	-6.838	-4.768	-1.654	1.506	3.638	4.063	2.784
821	8.20	0.466	-1.882	-3.351	-3.497	-2.461	-0.816	0.758	1.790	2.179	2.141
831	8.30	2.007	1.994	2.081	2.065	1.610	0.627	-0.817	-2.420	-3.780	-4.549
841	8.40	-4.550	-3.820	-2.574	-1.136	0.159	1.018	1.271	0.910	0.118	-0.772
851	8.50	-1.371	-1.393	-0.804	0.109	0.820	0.781	-0.296	-2.236	-4.395	-5.882
861	8.60	-5.939	-4.313	-1.428	1.733	4.012	4.563	3.211	0.530	-2.411	-4.500
871	8.70	-5.041	-4.002	-1.952	0.237	1.795	2.349	1.998	1.165	0.339	-0.162
881	8.80	-0.280	-0.168	-0.040	-0.047	-0.226	-0.536	-0.925	-1.354	-1.764	-2.016
891	8.90	-1.861	-1.032	0.608	2.885	5.253	6.918	7.129	5.532	2.402	-1.382
901	9.00	-4.631	-6.315	-5.978	-3.917	-1.026	1.625	3.269	3.752	3.530	3.347
911	9.10	5.789	4.925	6.234	6.886	6.169	3.944	0.782	-2.229	-3.957	-3.767
921	9.20	-1.843	0.842	2.938	3.313	1.571	-1.740	-5.339	-7.736	-7.862	-5.516
931	9.30	-1.459	2.900	6.058	7.008	5.595	2.522	-0.956	-3.595	-4.587	-3.840
941	9.40	-1.919	0.258	1.833	2.340	1.834	0.788	-0.170	-0.551	-0.189	0.783
951	9.50	1.989	3.091	3.899	4.409	4.721	4.897	4.671	4.456	3.665	1.878
961	9.60	-0.047	-1.793	-2.754	-2.488	-0.938	1.485	4.017	5.810	6.253	5.200
971	9.70	3.018	0.636	-1.734	-2.880	-2.773	-1.574	0.280	2.266	3.926	4.941
981	9.80	5.130	4.413	2.815	0.504	-2.156	-4.598	-6.166	-6.522	-6.901	-7.266
991	9.90	0.724	2.981	3.612	2.323	-0.381	-3.332	-5.133	-4.761	-2.047	2.164

Table 7—50—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	6.298	8.671	8.199	4.902	-0.053	-4.786	-7.459	-7.025	-3.654	1.352
1011	10.10	6.114	8.961	9.087	6.812	3.346	0.184	-1.570	-1.630	-0.541	0.717
1021	10.20	1.299	0.936	0.036	-0.595	-0.280	1.102	2.972	4.322	4.256	2.519
1031	10.30	-0.258	-2.785	-3.699	-2.259	1.208	5.345	8.306	8.579	5.696	0.512
1041	10.40	-5.108	-9.057	-9.879	-7.385	-2.724	2.123	5.189	5.328	2.645	-1.626
1051	10.50	-5.696	-7.984	-7.747	-5.276	-1.685	1.630	3.555	3.638	2.142	-0.107
1061	10.60	-2.543	-4.292	-5.222	-5.450	-5.253	-4.873	-4.412	-3.838	-3.085	-2.163
1071	10.70	-1.210	-0.473	-0.206	-0.557	-1.492	-2.782	-4.072	-4.988	-5.264	-4.823
1081	10.80	-3.800	-2.489	-1.237	-0.315	0.182	0.361	0.457	0.702	1.166	1.676
1091	10.90	1.850	1.269	-0.282	-2.623	-5.132	-6.919	-7.170	-5.520	-2.299	1.509
1101	11.00	4.597	5.854	6.854	2.086	-1.190	-3.443	-3.517	-1.155	2.839	6.885
1111	11.10	9.260	8.821	5.506	0.407	-4.612	-7.639	-7.445	-3.961	1.696	7.637
1121	11.20	11.890	13.093	10.937	6.205	0.439	-4.628	-7.645	-8.026	-6.033	-2.575
1131	11.30	1.168	4.137	5.671	5.603	4.191	1.948	-0.531	-2.703	-4.138	-4.560
1141	11.40	-3.875	-2.226	-0.021	2.088	3.354	3.171	1.348	-1.709	-5.029	-7.344
1151	11.50	-7.561	-5.230	-0.821	4.350	8.562	10.343	9.069	5.244	0.326	-3.858
1161	11.60	-5.845	-5.125	-2.301	1.226	3.900	4.689	3.487	1.066	-1.372	-2.802
1171	11.70	-2.852	-1.920	-0.900	-0.671	-1.629	-3.482	-5.409	-6.481	-6.124	-4.396
1181	11.80	-1.950	0.271	1.453	1.232	-0.218	-2.333	-4.438	-6.013	-6.822	-6.884
1191	11.90	-6.348	-5.373	-4.077	-2.566	-0.991	0.418	1.410	1.808	1.568	0.947
1201	12.00	0.144	-0.514	-0.823	-0.706	-0.189	0.655	1.735	2.912	3.951	4.504
1211	12.10	4.190	2.764	0.314	-2.650	-5.277	-6.661	-6.203	-3.900	-0.393	3.264
1221	12.20	6.017	7.223	6.854	5.402	3.558	1.843	0.400	-0.944	-2.395	-3.882
1231	12.30	-4.933	-4.852	-5.120	0.180	4.209	7.395	9.013	7.822	4.454	0.304
1241	12.40	-2.855	-3.682	-1.916	1.463	4.767	6.237	5.063	1.696	-2.336	-5.153
1251	12.50	-5.411	-2.936	1.206	5.225	7.441	7.038	4.394	0.844	-1.962	-2.798
1261	12.60	-1.343	1.783	5.395	8.304	9.789	9.770	8.668	7.067	5.401	3.807
1271	12.70	2.193	0.419	-1.515	-3.428	-5.033	-6.099	-6.558	-6.501	-6.072	-5.321
1281	12.80	-4.169	-2.365	0.146	3.248	6.486	9.176	10.634	10.433	8.575	5.486
1291	12.90	1.855	-1.601	-4.362	-6.080	-6.737	-6.340	-4.948	-2.669	0.249	3.327
1301	13.00	5.866	7.106	6.502	4.004	0.195	-3.812	-6.711	-7.459	-5.675	-1.814
1311	13.10	2.968	7.204	9.608	9.491	6.948	2.766	-1.885	-5.847	-8.311	-8.999
1321	13.20	-8.165	-6.437	-4.585	-3.279	-2.895	-3.417	-4.432	-5.261	-5.170	-3.642
1331	13.30	-0.617	3.401	7.424	10.277	10.999	9.224	5.373	0.549	-3.834	-6.559
1341	13.40	-7.036	-5.692	-2.817	-0.172	1.481	1.714	0.686	-1.051	-2.886	-4.421
1351	13.50	-5.547	-6.321	-6.752	-6.656	-5.712	-3.696	-0.765	2.410	4.798	5.422
1361	13.60	3.866	0.592	-3.125	-5.670	-5.787	-3.179	1.299	5.972	9.066	9.480
1371	13.70	7.245	3.443	-0.373	-2.967	-3.904	-3.827	-3.818	-4.770	-6.754	-8.871
1381	13.80	-9.668	-7.927	-3.424	2.756	8.532	11.675	10.780	5.927	-1.294	-8.410
1391	13.90	-13.046	-13.813	-10.742	-5.083	1.339	6.903	10.711	12.677	13.215	12.776
1401	14.00	11.516	9.279	5.860	1.365	-3.571	-7.884	-10.449	-10.552	-8.216	-4.217
1411	14.10	0.229	3.942	6.198	6.900	6.458	5.468	4.378	3.308	2.097	0.506
1421	14.20	-1.549	-3.875	-6.060	-7.668	-8.353	-8.164	-7.327	-6.204	-5.113	-4.226
1431	14.30	-3.581	-3.144	-2.904	-2.885	-3.106	-3.501	-3.875	-3.941	-3.445	-2.303
1441	14.40	-0.692	0.989	2.259	2.757	2.395	1.398	0.200	-0.736	-1.107	-0.864
1451	14.50	-0.196	0.584	1.193	1.473	1.427	1.166	0.819	0.488	0.204	-0.042
1461	14.60	-0.271	-0.485	-0.873	-0.809	-0.876	-0.857	-0.728	-0.455	-0.022	0.536
1471	14.70	1.094	1.443	1.343	0.624	-0.725	-2.518	-4.419	-6.064	-7.190	-7.720
1481	14.80	-7.728	-7.326	-6.516	-5.112	-2.799	0.685	5.301	10.549	15.483	18.952
1491	14.90	19.982	18.162	13.861	8.162	2.537	-1.651	-3.497	-2.990	-0.768	2.076

Table 7—50—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	4.430	5.531	5.161	3.629	1.565	-0.337	-1.557	-1.866	-1.328	-0.201
1511	15.10	1.176	2.492	3.517	4.115	4.218	3.801	2.852	1.379	-0.583	-2.924
1521	15.20	-5.435	-7.794	-9.602	-10.473	-10.158	-8.669	-6.228	-3.407	-0.767	1.244
1531	15.30	2.471	3.089	3.692	4.071	4.979	6.017	6.691	6.447	4.969	2.612
1541	15.40	-0.573	-3.031	-4.058	-3.167	-0.505	3.175	6.770	9.208	9.799	8.414
1551	15.50	5.470	1.724	-1.991	-5.001	-6.930	-7.715	-7.540	-6.737	-5.670	-4.637
1561	15.60	-3.783	-3.057	-2.230	-0.999	0.845	3.239	5.765	7.732	8.432	7.486
1571	15.70	5.102	2.134	-0.204	-0.829	0.697	3.873	7.380	9.598	9.321	6.340
1581	15.80	1.614	-3.092	-5.960	-5.936	-3.219	0.799	4.149	5.166	3.238	-0.923
1591	15.90	-5.614	-8.901	-9.468	-7.145	-2.913	1.601	4.866	6.070	5.363	3.636
1601	16.00	2.009	5.281	1.631	2.646	3.625	3.965	3.412	2.091	0.342	-1.503
1611	16.10	-3.254	-4.842	-6.221	-7.206	-7.520	-6.908	-5.337	-3.137	-0.956	0.464
1621	16.20	0.596	-0.634	-2.811	-5.219	-7.169	-8.286	-8.610	-8.671	-8.216	-7.938
1631	16.30	-7.411	-6.217	-4.059	-1.047	2.209	4.773	5.767	4.781	2.108	-1.330
1641	16.40	-4.340	-5.961	-5.740	-4.053	-1.696	0.422	1.712	2.133	2.142	2.405
1651	16.50	3.425	5.273	7.540	9.527	10.566	10.320	8.918	6.886	4.903	3.508
1661	16.60	2.892	2.852	2.930	2.646	1.742	0.308	-1.252	-2.405	-2.741	-2.190
1671	16.70	-1.100	-0.131	0.005	-1.144	-3.532	-6.577	-9.343	-10.903	-10.722	-8.895
1681	16.80	-6.126	-3.439	-1.735	-1.409	-2.197	-3.346	-4.020	-3.752	-2.696	-1.546
1691	16.90	-1.130	-11.917	-3.643	-5.340	-5.753	-3.983	-0.025	5.083	9.629	11.960
1701	17.00	11.252	7.927	3.490	-0.161	-1.638	-0.739	1.451	3.101	2.563	-0.745
1711	17.10	-5.962	-11.091	-13.878	-12.838	-7.955	-0.718	6.505	11.458	12.883	10.934
1721	17.20	6.944	2.581	-0.655	-2.245	-2.513	-2.243	-2.102	-2.236	-2.236	-1.452
1731	17.30	0.513	3.482	6.661	8.950	9.103	7.634	3.948	-0.797	-5.526	-9.278
1741	17.40	-11.402	-11.587	-9.800	-6.234	-1.337	4.127	9.088	12.345	12.923	10.483
1751	17.50	5.573	-0.432	-5.755	-8.858	-9.021	-6.608	-2.873	0.592	2.537	2.516
1761	17.60	0.961	-1.150	-2.831	-3.549	-3.375	-2.788	-2.229	-1.994	-1.637	-0.681
1771	17.70	1.269	4.033	6.989	9.123	9.582	8.080	5.051	1.472	-1.586	-3.421
1781	17.80	-3.963	-3.701	-3.344	-3.396	-3.893	-4.426	-4.423	-3.521	-1.817	0.151
1791	17.90	1.678	2.277	1.953	1.228	0.874	1.521	3.305	5.768	8.041	9.215
1801	18.00	8.739	6.634	3.442	-0.041	-5.119	-5.450	-7.104	-8.403	-9.664	-10.963
1811	18.10	-12.066	-12.530	-11.935	-10.122	-7.319	-4.096	-1.174	0.842	1.680	1.483
1821	18.20	0.729	0.025	-0.142	0.415	1.526	2.774	3.698	4.019	3.777	3.326
1831	18.30	3.174	3.740	5.135	7.067	8.920	9.990	9.772	8.179	5.590	2.715
1841	18.40	0.320	-1.069	-1.241	-0.504	0.671	1.772	2.468	2.587	2.262	1.628
1851	18.50	0.818	-0.087	-1.014	-1.845	-2.396	-2.446	-1.899	-0.823	0.510	1.721
1861	18.60	2.501	2.762	2.688	2.639	2.951	3.723	4.722	5.452	5.372	4.163
1871	18.70	1.901	-0.935	-3.643	-5.555	-6.273	-5.757	-4.246	-2.190	0.116	2.411
1881	18.80	4.540	6.338	7.566	7.929	7.186	5.303	2.538	-0.585	-3.430	-5.458
1891	18.90	-6.396	-6.275	-5.369	-4.017	-2.686	-0.909	0.682	2.265	3.754	4.992
1901	19.00	5.800	6.060	5.756	4.949	3.713	2.087	0.088	-2.195	-4.508	-6.401
1911	19.10	-7.363	-6.953	-5.237	-2.722	-0.317	1.032	0.787	-0.861	-2.988	-4.289
1921	19.20	-3.670	-0.807	3.601	8.038	10.779	10.628	7.469	2.364	-2.972	-6.718
1931	19.30	-7.873	-6.562	-3.818	-1.221	0.012	-0.541	-2.386	-4.434	-5.611	-5.371
1941	19.40	-3.940	-2.144	-0.953	-0.983	-2.200	-3.969	-5.390	-5.746	-4.852	-3.010
1951	19.50	-0.987	0.569	1.253	1.238	0.955	0.911	1.388	2.311	3.307	3.931
1961	19.60	3.913	3.302	2.437	1.771	1.436	2.083	2.858	3.561	3.747	3.314
1971	19.70	2.371	1.268	0.412	0.087	0.341	0.986	1.696	2.165	2.126	1.586
1981	19.80	0.625	-0.591	-1.883	-3.095	-4.089	-4.728	-4.876	-4.433	-3.388	-1.861
1991	19.90	-0.104	1.555	2.817	3.506	3.615	3.281	2.686	1.954	1.087	-0.022

Table 7—50—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-1.488	-3.314	-5.311	-7.114	-8.298	-8.549	-7.804	-6.293	-4.445	-2.710
2011	20.10	-1.374	-0.460	0.234	0.984	1.963	3.026	3.919	4.232	3.708	2.393
2021	20.20	0.663	-0.913	-1.807	-1.767	-0.931	0.238	1.153	1.358	0.709	-0.591
2031	20.30	-2.119	-3.439	-4.285	-4.660	-4.678	-4.621	-4.582	-4.508	-4.224	-3.566
2041	20.40	-2.525	-1.310	-0.296	0.131	-0.241	-1.326	-2.737	-3.914	-4.333	-3.710
2051	20.50	-2.120	0.017	2.082	3.670	3.802	3.049	1.532	-0.192	-1.538	-2.089
2061	20.60	-1.737	-0.699	0.588	1.661	2.223	2.263	2.048	1.970	2.339	3.195
2071	20.70	4.246	4.973	4.870	3.706	1.694	-0.535	-2.160	-2.501	-1.318	1.065
2081	20.80	3.882	6.230	7.439	7.521	6.203	4.717	3.483	2.817	2.619	2.481
2091	20.90	1.953	0.816	-0.780	-2.579	-3.451	-3.669	-3.079	-2.088	-1.270	-1.106
2101	21.00	-1.777	-3.119	-4.739	-6.223	-7.305	-7.928	-8.167	-8.093	-7.673	-6.780
2111	21.10	-5.305	-3.309	-1.097	0.868	2.054	2.287	1.688	0.722	-0.029	-0.157
2121	21.20	0.378	1.238	1.513	2.022	1.557	0.926	0.746	1.499	3.218	5.388
2131	21.30	7.128	7.587	6.366	3.736	0.554	-2.123	-3.531	-3.562	-2.822	-2.338
2141	21.40	-3.055	-5.359	-8.858	-12.512	-15.072	-15.605	-13.866	-10.379	-6.179	-2.375
2151	21.50	0.267	1.565	1.776	1.536	1.356	1.500	1.953	2.524	3.048	3.501
2161	21.60	4.011	4.741	5.753	6.926	8.001	8.709	8.929	8.762	8.492	8.422
2171	21.70	8.698	9.194	9.538	9.273	8.083	5.980	3.358	0.880	-0.743	-1.014
2181	21.80	0.176	2.502	5.320	7.874	9.523	9.912	9.039	7.213	4.936	2.748
2191	21.90	1.089	0.196	0.066	0.482	1.082	1.476	1.355	0.591	-0.726	-2.308
2201	22.00	-3.756	-4.676	-4.803	-4.078	-2.660	-0.875	0.988	2.286	3.114	3.348
2211	22.10	3.126	2.691	2.301	2.145	2.289	2.654	3.050	3.234	2.994	2.218
2221	22.20	0.934	-0.690	-2.399	-3.923	-5.052	-5.695	-5.884	-5.739	-5.410	-5.000
2231	22.30	-4.527	-3.919	-3.054	-1.835	-0.263	1.516	3.213	4.461	4.922	4.410
2241	22.40	2.990	1.006	-0.987	-2.374	-2.670	-1.702	0.306	2.784	4.987	6.250
2251	22.50	6.215	4.961	2.958	0.878	-0.673	-1.588	-1.369	-0.960	-0.727	-1.014
2261	22.60	-1.875	-3.043	-4.087	-4.640	-4.598	-4.188	-3.856	-4.037	-4.929	-6.355
2271	22.70	-7.827	-8.744	-8.659	-7.479	-5.495	-3.244	-1.259	0.156	1.033	1.661
2281	22.80	2.384	3.377	4.506	5.371	5.488	4.545	2.592	0.080	-2.280	-3.780
2291	22.90	-3.982	-2.878	-0.876	1.363	3.176	4.114	4.055	3.188	1.878	0.518
2301	23.00	-0.605	-1.360	-1.752	-1.865	-1.806	-1.675	-1.554	-1.518	-1.622	-1.885
2311	23.10	-2.262	-2.647	-2.902	-2.922	-2.700	-2.368	-2.169	-2.368	-3.130	-4.416
2321	23.20	-5.953	-7.289	-7.953	-7.624	-6.284	-4.252	-2.095	-0.439	0.270	-0.053
2331	23.30	-1.084	-2.186	-2.653	-1.985	-0.111	2.544	5.189	6.936	7.139	5.645
2341	23.40	2.870	-0.350	-3.065	-4.565	-4.632	-3.579	-2.072	-0.809	-0.193	-0.165
2351	23.50	-0.269	0.093	1.311	3.312	5.530	7.115	7.315	5.835	3.026	-0.220
2361	23.60	-2.822	-3.951	-3.387	-1.595	0.480	1.842	1.875	0.598	-1.372	-3.129
2371	23.70	-3.902	-3.395	-1.893	-0.090	1.261	1.714	1.322	0.579	0.154	0.539
2381	23.80	1.802	3.548	5.102	5.809	5.318	3.698	1.355	-1.185	-3.511	-5.465
2391	23.90	-7.096	-8.510	-9.679	-10.356	-10.151	-8.740	-6.101	-2.665	0.836	3.424
2401	24.00	4.414	3.607	1.410	-1.305	-3.528	-4.487	-3.927	-2.168	0.062	1.939
2411	24.10	2.870	2.693	1.673	0.338	-0.789	-1.414	-1.569	-1.559	-1.777	-2.500
2421	24.20	-3.735	-5.192	-6.385	-6.812	-6.146	-4.364	-1.767	1.108	3.653	5.369
2431	24.30	6.007	5.627	4.557	3.272	2.228	1.715	1.775	2.210	2.687	2.888
2441	24.40	2.654	2.061	1.384	0.979	1.113	1.830	2.919	3.987	4.636	4.662
2451	24.50	4.064	3.221	2.544	2.364	2.745	3.443	4.021	4.076	3.470	2.469
2461	24.60	1.568	1.658	2.511	4.642	7.252	9.415	10.241	9.254	6.621	3.123
2471	24.70	-0.132	-2.145	-2.410	-1.104	1.007	2.911	3.769	3.248	1.619	-0.607
2481	24.80	-2.018	-2.656	-2.228	-1.082	0.214	1.175	1.641	1.831	2.194	3.149
2491	24.90	4.824	6.945	8.918	10.066	9.924	8.432	5.963	3.170	0.720	-0.958

Table 7—50—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	-1.803	-2.098	-2.303	-2.831	-3.884	-5.381	-7.018	-8.400	-9.194	-9.223
2511	25.10	-8.498	-7.178	-5.506	-3.738	-2.098	-0.751	0.216	0.794	1.055	1.121
2521	25.20	1.120	1.129	1.130	1.011	0.624	-0.124	-1.187	-2.350	-3.280	-3.656
2531	25.30	-3.314	-2.351	-1.112	-0.082	0.316	-0.105	-1.206	-2.565	-3.638	-3.976
2541	25.40	-3.392	-2.021	-0.252	1.427	2.612	3.097	2.902	2.213	1.277	0.314
2551	25.50	-0.534	-1.204	-1.683	-1.983	-2.133	-2.178	-2.174	-2.161	-2.118	-1.951
2561	25.60	-1.451	-0.472	1.061	2.999	4.957	6.386	6.760	5.788	3.570	0.627
2571	25.70	-2.242	-4.221	-4.766	-3.803	-1.761	0.583	2.382	3.016	2.293	0.478
2581	25.80	-1.833	-3.955	-5.346	-5.762	-5.283	-4.203	-2.873	-1.550	-0.324	0.856
2591	25.90	2.078	3.352	4.534	5.333	5.416	4.548	2.726	0.242	-2.373	-4.497
2601	26.00	-5.619	-5.515	-4.332	-2.541	-0.782	0.361	0.548	-0.215	-1.606	-3.126
2611	26.10	-4.297	-4.825	-4.679	-4.053	-3.248	-2.515	-1.949	-1.463	-0.855	0.067
2621	26.20	1.367	2.916	4.418	5.516	5.931	5.582	4.631	3.439	2.438	1.975
2631	26.30	2.180	2.916	3.829	4.476	4.699	3.765	2.427	0.878	-0.388	-0.961
2641	26.40	-0.661	0.590	1.808	3.084	3.746	3.512	2.353	0.479	-1.752	-3.942
2651	26.50	-5.752	-6.951	-7.434	-7.222	-6.454	-5.380	-4.335	-3.679	-3.695	-4.475
2661	26.60	-5.843	-7.366	-8.468	-8.668	-7.666	-5.674	-3.182	-0.870	0.680	1.214
2671	26.70	0.902	0.237	-0.202	-0.032	0.762	1.829	2.660	2.775	2.143	1.054
2681	26.80	0.083	-0.206	0.470	1.963	3.758	5.209	5.838	5.553	4.672	3.763
2691	26.90	3.354	3.680	4.572	5.547	6.051	5.726	4.584	2.998	1.521	0.626
2701	27.00	0.490	0.918	1.455	1.601	1.053	-0.154	-1.667	-2.970	-3.606	-3.366
2711	27.10	-2.359	-0.943	0.434	1.423	1.890	1.930	1.779	1.680	1.758	1.979
2721	27.20	2.189	2.214	1.969	1.522	1.075	0.878	1.112	1.795	2.747	3.665
2731	27.30	4.132	3.941	2.985	1.378	-0.611	-2.654	-4.459	-5.834	-6.691	-7.060
2741	27.40	-6.840	-6.173	-5.056	-3.577	-1.913	-0.357	0.833	1.323	1.005	-0.035
2751	27.50	-1.509	-3.006	-4.131	-4.660	-4.512	-3.937	-3.225	-2.666	-2.405	-2.415
2761	27.60	-2.504	-2.431	-2.019	-1.244	-0.246	0.726	1.405	1.605	1.278	0.515
2771	27.70	-0.501	-1.551	-2.440	-3.018	-3.194	-2.931	-2.249	-1.236	-0.054	1.078
2781	27.80	1.927	2.322	2.216	1.732	1.130	0.730	0.784	1.382	2.397	3.532
2791	27.90	4.435	4.838	4.673	4.101	3.448	3.066	3.182	3.795	4.665	5.402
2801	28.00	5.618	5.085	3.831	2.141	0.465	-0.236	-1.156	-0.748	0.258	1.425
2811	28.10	2.262	2.381	1.635	0.164	-1.642	-3.284	-4.321	-4.529	-3.992	-3.072
2821	28.20	-2.283	-2.102	-2.782	-4.248	-6.123	-7.858	-8.938	-9.074	-8.289	-6.893
2831	28.30	-5.332	-4.001	-3.102	-2.591	-2.255	-1.857	-1.270	-0.550	0.113	0.510
2841	28.40	0.546	0.315	0.082	0.066	0.490	1.283	2.191	2.875	3.082	2.786
2851	28.50	2.204	1.726	1.714	2.334	3.658	4.708	5.605	5.771	5.082	3.709
2861	28.60	2.034	0.490	-0.604	-1.137	-1.200	-0.995	-0.720	-0.488	-0.310	-0.143
2871	28.70	0.039	0.196	0.240	0.085	-0.273	-0.716	-1.027	-0.966	-0.373	0.752
2881	28.80	2.259	3.803	5.156	6.108	6.624	6.811	6.859	6.856	6.845	6.782
2891	28.90	6.460	5.748	4.610	3.145	1.573	0.144	-0.965	-1.629	-1.976	-2.144
2901	29.00	-2.294	-2.511	-2.765	-2.937	-2.885	-2.531	-1.915	-1.190	-0.565	-0.205
2911	29.10	-0.140	-0.332	-0.518	-0.505	-0.170	0.851	1.172	1.733	1.913	1.626
2921	29.20	0.957	0.123	-0.628	-1.128	-1.355	-1.420	-1.511	-1.788	-2.200	-2.671
2931	29.30	-2.946	-2.809	-2.171	-1.128	0.049	1.016	1.483	1.329	0.645	-0.294
2941	29.40	-1.133	-1.565	-1.431	-0.748	0.223	1.251	2.043	2.435	2.368	1.972
2951	29.50	1.419	0.900	0.550	0.417	0.440	0.580	0.677	0.482	0.585	0.422
2961	29.60	0.282	0.070	-0.114	-0.369	-0.753	-1.269	-1.829	-2.259	-2.351	-1.954
2971	29.70	-1.056	0.171	1.399	2.249	2.427	1.851	0.694	-0.681	-1.740	-2.217
2981	29.80	-1.998	-1.163	-0.096	0.792	1.199	1.067	0.490	-0.174	-0.646	-0.759
2991	29.90	-0.537	-0.161	0.138	0.201	0.015	-0.292	-0.540	-0.603	-0.501	-0.391

Table 7—50—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-0.501	-0.997	-1.884	-2.967	-3.922	-4.423	-4.284	-3.541	-2.434	-1.300
3011	30.10	-0.428	0.060	0.238	0.312	0.500	0.906	1.472	2.011	2.313	2.267
3021	30.20	1.932	1.518	1.293	1.454	2.027	2.851	3.644	4.118	4.094	3.558
3031	30.30	2.649	1.572	0.518	-0.403	-1.174	-1.825	-2.394	-2.882	-3.264	-3.516
3041	30.40	-3.645	-3.697	-3.752	-3.828	-3.954	-4.073	-4.123	-4.083	-3.999	-3.976
3051	30.50	-4.122	-4.481	-4.985	-5.468	-5.728	-5.629	-5.173	-4.509	-3.871	-3.469
3061	30.60	-3.385	-3.534	-3.704	-3.661	-3.261	-2.518	-1.587	-0.686	0.022	0.495
3071	30.70	0.821	1.150	1.592	2.150	2.706	3.091	3.178	2.968	2.599	2.292
3081	30.80	2.244	2.560	3.110	3.774	4.334	4.675	4.808	4.859	4.981	5.258
3091	30.90	5.647	5.977	6.029	5.631	4.751	3.521	2.198	1.078	0.390	0.225
3101	31.00	0.517	1.080	1.681	2.119	2.284	2.184	1.919	1.661	1.482	1.499
3111	31.10	1.640	1.752	1.632	1.103	0.097	-1.296	-2.838	-4.205	-5.098	-5.345
3121	31.20	-4.961	-4.142	-3.181	-2.365	-1.872	-1.734	-1.858	-2.102	-2.350	-2.563
3131	31.30	-2.774	-3.037	-3.375	-3.753	-4.088	-4.299	-4.349	-4.269	-4.125	-3.966
3141	31.40	-3.776	-3.668	-2.932	-2.115	-1.084	-0.035	0.770	1.116	0.950	0.425
3151	31.50	-0.155	-0.464	-0.311	0.258	0.971	1.463	1.366	0.666	-0.438	-1.498
3161	31.60	-2.016	-1.653	-0.370	1.545	3.589	5.237	6.133	6.204	5.658	4.866
3171	31.70	4.204	3.899	3.968	4.245	4.479	4.559	4.512	3.525	2.898	2.453
3181	31.80	2.336	2.551	2.963	3.354	3.515	3.329	2.822	2.143	1.495	1.041
3191	31.90	0.822	0.735	0.575	0.132	-0.702	-1.858	-3.096	-4.087	-4.535	-4.324
3201	32.00	-3.530	-2.432	-1.375	-0.632	-0.306	-0.297	-0.382	-0.335	-0.046	0.424
3211	32.10	0.882	1.117	1.017	0.643	0.216	0.007	0.211	0.838	1.696	2.474
3221	32.20	2.873	2.739	2.124	1.259	0.436	-0.120	-0.337	-0.314	-0.239	-0.289
3231	32.30	-0.528	-0.883	-1.187	-1.274	-1.066	-0.624	-0.119	0.243	0.310	0.048
3241	32.40	-0.451	-1.022	-1.493	-1.756	-1.786	-1.631	-1.372	-1.075	-0.781	-0.505
3251	32.50	-0.258	-0.057	0.074	0.135	0.174	0.293	0.623	1.268	2.240	3.426
3261	32.60	4.587	5.431	5.703	5.290	4.272	2.916	1.598	0.685	0.419	0.836
3271	32.70	1.752	2.868	3.775	4.214	4.025	3.283	2.225	1.168	0.403	0.095
3281	32.80	0.226	0.600	0.911	0.868	0.209	-1.019	-2.646	-4.331	-5.693	-6.436
3291	32.90	-6.448	-5.829	-4.857	-3.883	-3.211	-3.011	-3.276	-3.856	-4.533	-5.109
3301	33.00	-5.466	-5.578	-5.502	-5.312	-5.062	-4.768	-4.411	-3.963	-3.414	-2.783
3311	33.10	-2.115	-1.471	-0.910	-0.480	-0.215	-0.127	-0.195	-0.350	-0.477	-0.432
3321	33.20	-0.090	0.596	1.549	2.561	3.342	3.614	3.222	2.212	0.838	-0.513
3331	33.30	-1.446	-1.696	-1.225	-0.224	0.954	1.924	2.395	2.256	1.589	0.623
3341	33.40	-0.347	-1.052	-1.309	-1.058	-0.355	0.642	1.713	2.625	3.185	3.289
3351	33.50	2.953	2.311	1.569	0.933	0.533	0.376	0.365	0.352	0.230	-0.001
3361	33.60	-0.225	-0.263	0.030	0.672	1.516	2.280	2.673	2.493	1.729	0.565
3371	33.70	-0.693	-1.732	-2.348	-2.527	-2.326	-2.001	-1.714	-1.566	-1.551	-1.592
3381	33.80	-1.590	-1.473	-1.221	-0.859	-0.438	-0.011	0.377	0.694	0.925	1.083
3391	33.90	1.213	1.398	1.732	2.275	3.007	3.798	4.420	4.619	4.213	3.176
3401	34.00	1.680	0.056	-1.308	-2.096	-2.172	-1.614	-0.676	0.316	1.080	1.460
3411	34.10	1.452	1.167	0.762	0.377	0.088	-0.089	-0.182	-0.231	-0.268	-0.310
3421	34.20	-0.360	-0.412	-0.456	-0.478	-0.469	-0.442	-0.443	-0.560	-0.905	-1.562
3431	34.30	-2.561	-3.729	-4.857	-5.749	-6.014	-5.553	-4.425	-2.889	-1.335	-0.156
3441	34.40	0.370	0.176	-0.584	-1.588	-2.459	-2.875	-2.658	-1.811	-0.499	1.008
3451	34.50	2.407	3.433	3.915	3.810	3.209	2.317	1.404	0.736	0.497	0.728
3461	34.60	1.314	2.014	2.543	2.676	2.326	1.574	0.635	-0.235	-0.836	-1.099
3471	34.70	-1.099	-1.001	-0.974	-1.119	-1.407	-1.725	-1.931	-1.933	-1.736	-1.641
3481	34.80	-1.184	-1.078	-1.156	-1.361	-1.600	-1.789	-1.903	-1.983	-2.095	-2.278
3491	34.90	-2.499	-2.655	-2.616	-2.291	-1.683	-0.888	-0.064	0.646	1.167	1.506

Table 7—50—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 14.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	1.716	1.835	1.842	1.660	1.214	0.515	-0.286	-0.908	-1.044	-0.493
3511	35.10	0.717	2.299	3.796	4.750	4.892	4.254	3.153	2.046	1.328	1.157
3521	35.20	1.408	1.750	1.834	1.474	0.744	-0.056	-0.557	-0.514	0.067	0.912
3531	35.30	1.607	1.785	1.295	0.272	-0.923	-1.865	-2.236	-1.948	-1.151	-0.151
3541	35.40	0.739	1.306	1.502	1.407	1.162	0.881	0.609	0.330	0.011	-0.356
3551	35.50	-0.728	-1.028	-1.185	-1.167	-0.999	-0.745	-0.476	-0.241	-0.068	0.116
3561	35.60	0.264	0.386	0.455	0.443	0.361	0.276	0.300	0.550	1.088	1.871
3571	35.70	2.737	3.442	3.739	3.469	2.636	1.419	0.133	-0.877	-1.341	-1.463
3581	35.80	-0.450	0.532	1.453	2.038	2.162	1.879	1.380	0.899	0.611	0.549
3591	35.90	0.607	0.589	0.315	-0.293	-1.169	-2.120	-2.913	-3.368	-3.432	-3.185
3601	36.00	-2.791	-2.419	-2.158	-1.989	-1.812	-1.507	-1.014	-0.368	0.312	0.882
3611	36.10	1.250	1.425	1.515	1.684	2.062	2.688	3.471	4.227	4.744	4.865
3621	36.20	4.542	3.846	2.933	1.978	1.114	0.400	-0.170	-0.637	-1.028	-1.329
3631	36.30	-1.477	-1.393	-1.025	-0.387	0.424	1.246	1.895	2.225	2.178	1.802
3641	36.40	1.234	0.648	0.191	-0.070	-0.166	-0.208	-0.319	-0.581	-0.979	-1.406
3651	36.50	-1.707	-1.749	-1.497	-1.041	-0.578	-0.335	-0.477	-1.032	-1.871	-2.753
3661	36.60	-3.419	-3.697	-3.565	-3.159	-2.711	-2.459	-2.457	-2.723	-3.059	-3.226
3671	36.70	-3.034	-2.427	-1.512	-0.528	0.242	0.527	0.394	-0.223	-1.058	-1.845
3681	36.80	-2.353	-2.400	-2.377	-1.919	-0.997	-0.446	-0.080	0.085	0.408	0.079
3691	36.90	0.083	0.166	0.326	0.534	0.759	0.992	1.254	1.578	1.979	2.417
3701	37.00	2.788	2.944	2.741	2.102	1.069	-0.187	-1.401	-2.295	-2.665	-2.457
3711	37.10	-1.786	-0.897	-0.074	0.459	0.613	0.450	0.146	-0.100	-0.149	0.026
3721	37.20	0.349	0.690	0.954	1.086	1.180	1.335	1.634	2.071	2.532	2.829
3731	37.30	2.790	2.335	1.529	0.563	-0.320	-0.928	-1.193	-1.187	-1.076	-1.021
3741	37.40	-1.101	-1.275	-1.428	-1.454	-1.348	-1.242	-1.363	-1.915	-2.950	-4.295
3751	37.50	-5.567	-6.308	-6.173	-5.081	-3.287	-1.293	0.330	1.164	1.098	0.347
3761	37.60	-0.656	-1.465	-1.802	-1.656	-1.242	-0.855	-0.707	-0.814	-1.006	-1.035
3771	37.70	-0.731	-0.110	0.619	1.156	1.272	0.936	0.343	-0.176	-0.322	0.015
3781	37.80	0.690	1.373	1.709	1.502	0.816	-0.054	-0.724	-0.920	-0.611	-0.029
3791	37.90	0.458	0.535	0.110	-0.627	-1.286	-1.466	-0.942	0.219	1.687	3.013
3801	38.00	3.829	3.992	3.620	3.011	2.489	2.261	2.346	2.610	2.861	2.953
3811	38.10	2.850	2.610	2.324	2.044	1.758	1.408	0.957	0.436	-0.046	-0.332
3821	38.20	-0.316	0.012	0.541	1.086	1.470	1.594	1.473	1.208	0.915	0.667
3831	38.30	0.466	0.260	0.015	-0.253	-0.466	-0.519	-0.371	-0.080	0.190	0.231
3841	38.40	-0.103	-0.810	-1.716	-2.529	-2.954	-2.818	-2.143	-1.136	-0.098	0.693
3851	38.50	1.091	1.109	0.688	0.609	0.414	0.361	0.427	0.562	0.725	0.912
3861	38.60	1.134	1.380	1.590	1.661	1.491	1.043	0.392	-0.283	-0.752	-0.852
3871	38.70	-0.466	0.241	1.038	1.636	1.810	1.488	0.775	-0.087	-0.815	-1.189
3881	38.80	-1.132	-0.726	-0.166	0.308	0.506	0.360	-0.080	-0.666	-1.207	-1.567
3891	38.90	-1.686	-1.610	-1.460	-1.384	-1.490	-1.808	-2.280	-2.778	-3.158	-3.309
3901	39.00	-3.191	-2.842	-2.353	-1.833	-1.370	-1.010	-0.763	-0.620	-0.569	-0.600
3911	39.10	-0.702	-0.860	-0.965	-0.930	-0.714	-0.267	0.361	1.037	1.587	1.854
3921	39.20	1.771	1.590	0.877	0.458	0.335	0.619	1.292	2.221	3.213	4.086
3931	39.30	4.722	5.088	5.222	5.191	5.055	4.845	4.568	4.221	3.816	3.385
3941	39.40	2.969	2.602	2.289	2.006	1.717	1.392	1.033	0.673	0.358	0.124
3951	39.50	-0.030	-0.151	-0.307	-0.564	-0.941	-1.400	-1.849	-2.178	-2.293	-2.160
3961	39.60	-1.810	-1.333	-0.867	-0.466	-0.267	-0.287	-0.517	-0.920	-1.437	-2.004
3971	39.70	-2.553	-3.028	-3.385	-3.605	-3.692	-3.668	-3.560	-3.386	-3.151	-2.852
3981	39.80	-2.498	-2.126	-1.810	-1.647	-1.722	-2.055	-2.630	-3.290	-3.878	-4.242
3991	39.90	-4.304	-4.082	-3.685	-3.253	-2.904	-2.681	-2.543	-2.396	-2.144	-1.735

Table 7—50—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1143 1017-GR-1-7 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = 19.982 (GAL) T= 16.91 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.179	-0.535	0.138	0.809	1.492	2.224	3.021	3.843	4.590	5.135
4011	40.10	5.380	5.310	5.008	4.615	4.269	4.029	3.856	3.634	3.252	2.685
4021	40.20	2.037	1.509	1.313	1.553	2.169	2.839	3.278	3.176	2.429	1.173
4031	40.30	-0.273	-1.545	-2.388	-2.757	-2.813	-2.823	-3.001	-3.412	-3.908	-4.237
4041	40.40	-4.172	-3.643	-2.791	-1.905	-1.283	-1.077	-1.210	-1.405	-1.323	-0.730
4051	40.50	0.369	1.720	2.924	3.612	3.611	3.010	2.113	1.289	0.802	0.708
4061	40.60	0.851	0.976	0.870	0.497	0.010	-0.322	-0.252	0.310	1.238	2.224
4071	40.70	2.902	2.990	2.389	1.211	-0.276	-1.756	-2.965	-3.766	-4.067	-3.979
4081	40.80	-3.579	-2.973	-2.265	-1.556	-0.941	-0.497	-0.261	-0.215	-0.293	-0.407
4091	40.90	-0.482	-0.493	-0.466	-0.456	-0.509	-0.627	-0.762	-0.842	-0.812	-0.671
4101	41.00	-0.479	-0.332	-0.312	-0.444	-0.675	-0.897	-0.989	-0.871	-0.532	-0.025
4111	41.10	0.565	1.155	1.691	2.163	2.487	2.681	2.669	2.405	1.893	1.215
4121	41.20	0.524	-0.002	-0.228	-0.130	0.183	0.509	0.630	0.613	-0.128	-0.825
4131	41.30	-1.430	-1.712	-1.563	-1.048	-0.378	0.180	0.412	0.257	-0.175	-0.652
4141	41.40	-0.925	-0.869	-0.452	0.065	0.412	0.337	-0.252	-1.227	-2.262	-2.950
4151	41.50	-2.949	-2.117	-0.572	1.343	3.184	4.551	5.220	5.190	4.650	3.870
4161	41.60	3.088	2.431	1.898	1.422	0.962	0.468	0.086	-0.087	0.018	0.363
4171	41.70	0.793	1.087	1.055	0.617	-0.153	-1.062	-1.871	-2.394	-2.559	-2.622
4181	41.80	-2.119	-1.799	-1.561	-1.435	-1.393	-1.393	-1.412	-1.459	-1.566	-1.757
4191	41.90	-2.029	-2.353	-2.682	-2.972	-3.189	-3.302	-3.270	-3.040	-2.560	-1.822
4201	42.00	-0.887	0.101	0.947	1.473	1.589	1.337	0.880	0.440	0.198	0.230
4211	42.10	0.479	0.800	1.047	1.149	1.143	1.147	1.283	1.602	2.040	2.650
4221	42.20	2.669	2.611	2.312	1.921	1.629	1.580	1.800	2.191	2.579	2.795
4231	42.30	2.745	2.436	1.954	1.407	0.872	0.323	-0.104	-0.573	-1.015	-1.376
4241	42.40	-1.586	-1.615	-1.493	-1.313	-1.194	-1.228	-1.432	-1.740	-2.028	-2.172
4251	42.50	-2.094	-1.796	-1.349	-0.861	-0.435	-0.135	0.025	0.069	0.043	-0.000
4261	42.60	-0.014	0.037	0.175	0.400	0.686	0.986	1.244	1.418	1.504	1.537
4271	42.70	1.579	1.607	1.881	2.128	2.361	2.504	2.524	2.441	2.325	2.253
4281	42.80	2.264	2.333	2.380	2.313	2.091	1.754	1.416	1.219	1.247	1.477
4291	42.90	1.761	1.880	1.637	0.968	-0.105	-1.291	-2.308	-2.891	-2.906	-2.389
4301	43.00	-1.518	-0.537	0.333	0.961	1.325	1.487	1.542	1.561	1.572	1.559
4311	43.10	1.493	1.357	1.168	0.962	0.780	0.635	0.504	0.325	0.033	-0.420
4321	43.20	-1.027	-1.724	-2.402	-2.946	-3.266	-3.359	-3.207	-2.968	-2.735	-2.596
4331	43.30	-2.580	-2.654	-2.739	-2.753	-2.639	-2.409	-2.121	-1.863	-1.711	-1.697
4341	43.40	-1.796	-1.943	-2.060	-2.092	-2.022	-1.873	-1.687	-1.501	-1.333	-1.179
4351	43.50	-1.025	-0.861	-0.686	-0.506	-0.325	-0.134	0.078	0.313	0.547	0.720
4361	43.60	0.752	0.579	0.183	-0.377	-0.980	-1.477	-1.749	-1.768	-1.518	-1.163
4371	43.70	-0.800	-0.503	-0.277	-0.070	0.181	0.503	0.856	1.132	1.219	1.046
4381	43.80	0.627	0.066	-0.484	-0.887	-1.079	-1.085	-1.000	-0.931	-0.939	-1.012
4391	43.90	-1.073	-1.027	-0.811	-0.435	0.022	0.444	0.731	0.840		

Table 7—51—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	4.726	7.755	10.094	11.415	11.594	10.744	9.196	7.624	5.924	5.087
11	0.10	5.089	5.846	7.019	8.259	9.056	9.168	8.548	7.379	6.010	4.864
21	0.20	4.228	4.368	5.277	6.769	8.482	9.945	10.676	10.307	8.727	6.163
31	0.30	3.186	0.573	-0.920	-0.837	0.787	3.393	6.082	7.936	8.374	7.371
41	0.40	5.443	3.413	2.060	1.710	2.304	3.330	4.218	4.624	4.596	4.487
51	0.50	4.693	5.348	4.166	6.536	5.839	3.830	0.876	-2.103	-3.983	-3.948
61	0.60	-1.899	1.432	4.741	6.688	6.460	4.118	0.562	-2.865	-4.949	-5.101
71	0.70	-3.555	-1.214	0.787	1.573	0.876	-0.895	-2.871	-4.122	-4.017	-2.459
81	0.80	0.117	2.924	5.123	6.098	5.636	3.967	1.659	-0.576	-2.112	-2.602
91	0.90	-2.074	-0.900	0.367	1.209	1.355	0.880	0.169	-0.373	-0.363	0.187
101	1.00	0.967	1.405	1.122	-0.036	-1.797	-5.610	-4.868	-5.189	-4.566	-3.325
111	1.10	-1.969	-0.825	-0.096	0.323	0.594	0.765	0.676	0.041	-1.361	-3.361
121	1.20	-5.517	-7.057	-7.303	-5.997	-3.689	-0.636	1.564	2.417	1.857	0.445
131	1.30	-0.941	-1.603	-1.415	-0.913	-1.005	-2.430	-5.248	-8.639	-11.149	-11.312
141	1.40	-8.366	-2.723	4.046	9.759	12.461	11.216	6.500	0.017	-5.976	-9.556
151	1.50	-9.849	-7.287	-3.327	0.230	2.008	1.586	-0.417	-2.715	-3.983	-3.474
161	1.60	-1.333	1.488	3.682	4.182	2.643	-0.407	-3.797	-6.226	-6.818	-5.495
171	1.70	-2.982	-0.466	0.955	0.773	-0.702	-2.497	-3.448	-2.779	-0.519	2.437
181	1.80	6.680	6.902	2.505	-2.057	-7.329	-11.617	-13.208	-11.497	-7.016	-1.300
191	1.90	3.687	6.273	5.668	2.197	-2.879	-7.871	-11.263	-12.194	-10.669	-7.347
201	2.00	-3.393	0.128	2.474	3.388	3.051	1.903	0.432	-0.984	-2.143	-2.982
211	2.10	-3.485	-3.598	-3.191	-2.103	-0.248	2.264	5.053	7.509	8.949	8.858
221	2.20	7.120	4.147	0.802	-1.857	-2.962	-2.184	0.104	2.938	5.115	5.682
231	2.30	4.327	1.521	-1.656	-3.965	-4.509	-3.101	-0.322	2.742	4.974	5.674
241	2.40	4.815	2.979	1.043	-0.238	-0.555	-0.118	0.520	0.785	0.394	-0.510
251	2.50	-1.447	-1.859	-1.403	-0.123	1.565	3.870	3.895	3.854	3.129	2.164
261	2.60	1.637	1.251	1.605	2.218	2.668	2.582	1.797	0.635	-1.132	-2.399
271	2.70	-2.880	-2.269	-0.546	1.968	4.662	6.760	7.537	6.551	3.831	-0.057
281	2.80	-4.122	-7.230	-8.457	-7.416	-4.403	-0.313	3.665	6.446	7.411	6.569
291	2.90	4.498	2.078	0.154	-0.740	-0.507	0.566	1.965	3.167	3.778	3.817
301	3.00	2.725	1.328	-0.210	-1.459	-2.019	-1.650	-0.391	1.377	2.996	3.733
311	3.10	3.040	0.913	-2.208	-5.371	-7.543	-7.989	-6.585	-3.868	-0.827	1.515
321	3.20	2.505	2.099	0.812	-0.567	-1.361	-1.289	-0.542	0.597	1.042	1.163
331	3.30	0.880	0.535	0.457	0.736	1.149	1.289	0.815	-0.308	-1.711	-2.746
341	3.40	-2.762	-1.426	1.086	4.106	6.706	8.042	7.657	5.638	2.556	0.756
351	3.50	-3.483	-5.089	-5.411	-4.643	-3.198	-1.510	-0.044	1.071	1.746	2.020
361	3.60	1.971	1.663	1.136	0.425	-0.401	-1.222	-1.876	-2.208	-2.145	-1.741
371	3.70	-1.182	-0.715	-0.536	-0.675	-0.961	-1.079	-0.726	0.210	1.560	2.801
381	3.80	3.437	3.046	1.599	-0.508	-2.596	-3.978	-4.258	-3.682	-2.081	-0.625
391	3.90	0.473	1.148	1.652	2.328	3.311	4.336	4.797	4.042	1.783	-1.616
401	4.00	-5.146	-7.495	-7.623	-5.255	-1.106	3.340	6.399	6.877	4.562	0.317
411	4.10	-4.293	-7.635	-8.658	-7.254	-4.204	-0.776	1.838	2.983	2.709	1.620
421	4.20	0.507	-0.040	0.124	0.704	1.169	1.049	0.166	-1.271	-2.769	-3.760
431	4.30	-3.863	-2.959	-1.422	0.185	1.224	1.245	0.176	-1.626	-3.469	-4.571
441	4.40	-4.362	-2.735	-0.128	2.599	4.685	4.860	3.385	1.385	-0.881	-2.113
451	4.50	-1.701	0.240	2.876	4.988	5.469	3.825	0.419	-3.446	-6.914	-8.155
461	4.60	-6.819	-3.231	1.560	6.180	9.429	10.652	9.874	7.675	4.802	2.254
471	4.70	0.257	-0.979	-1.563	-1.673	-1.429	-0.868	0.094	1.357	2.759	3.980
481	4.80	4.658	4.532	3.575	2.028	0.331	-1.043	-1.779	-1.851	-1.532	-1.270
491	4.90	-1.479	-2.331	-3.643	-4.917	-5.524	-4.978	-3.157	-0.612	2.524	4.781

Table 7—51—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	5.660	4.885	2.696	-0.259	-3.170	-5.353	-6.458	-6.520	-5.810	-4.788
511	5.10	-3.613	-2.371	-0.982	0.609	2.280	3.402	4.341	3.870	2.205	-0.276
521	5.20	-2.821	-4.558	-4.847	-3.562	-1.175	1.611	3.236	3.681	2.768	1.134
531	5.30	-0.241	-0.487	0.732	3.024	5.407	6.726	6.673	5.682	0.020	-3.501
541	5.40	-5.546	-5.316	-2.896	0.774	4.263	6.233	5.956	3.579	0.029	-3.585
551	5.50	-5.682	-5.634	-3.924	-1.025	2.122	4.665	6.092	6.291	5.447	3.868
561	5.60	1.850	-0.373	-2.582	-4.509	-5.622	-6.198	-5.461	-3.716	-1.399	0.814
571	5.70	2.202	2.252	0.854	-1.640	-4.516	-6.918	-8.121	-7.743	-5.843	-2.875
581	5.80	0.479	3.512	5.687	6.766	6.721	5.859	4.502	2.969	1.481	0.150
591	5.90	-0.986	-1.908	-2.585	-2.966	-3.021	-2.775	-2.321	-1.786	-1.263	-0.752
601	6.00	-0.151	0.669	1.743	2.893	3.703	3.624	2.220	-0.590	-4.363	-8.087
611	6.10	-10.646	-11.046	-8.923	-4.724	0.397	4.961	7.697	7.982	6.017	2.677
621	6.20	-0.896	-3.755	-5.456	-6.108	-6.156	-6.047	-5.957	-5.725	-5.002	-3.518
631	6.30	-1.322	1.165	3.297	4.483	4.453	3.375	1.758	0.216	-0.806	-1.190
641	6.40	-1.130	-0.966	-0.969	-1.197	-11.684	-11.560	-1.225	-0.478	0.448	1.273
651	6.50	1.626	1.370	0.564	-0.541	-1.587	-2.200	-2.075	-1.045	0.860	3.370
661	6.60	5.969	7.964	8.656	7.578	4.724	0.456	-3.601	-6.842	-8.117	-7.075
671	6.70	-4.116	-0.245	3.309	5.550	6.052	5.034	3.161	1.186	-0.382	-1.434
681	6.80	-2.178	-2.901	-3.715	-4.455	-4.763	-4.316	-3.044	-1.223	0.641	2.050
691	6.90	2.761	2.882	2.774	2.799	3.077	3.374	3.216	2.167	0.120	-2.546
701	7.00	-5.056	-6.536	-6.379	-4.508	-1.617	2.035	4.963	6.769	7.304	6.831
711	7.10	5.837	4.808	4.078	3.781	3.891	4.285	4.784	5.159	5.141	4.484
721	7.20	3.070	1.025	-1.243	-3.137	-4.087	-3.801	-2.416	-0.469	1.338	2.461
731	7.30	2.760	2.539	2.342	2.607	3.374	4.210	4.426	3.681	1.357	-1.303
741	7.40	-3.611	-5.922	-7.352	-8.914	-9.727	-9.641	-8.544	-7.145	-6.083	-4.616
751	7.50	-1.965	-2.893	-2.201	-0.600	0.954	1.756	1.646	1.001	0.400	0.252
761	7.60	0.545	0.891	0.814	0.097	-1.032	-1.993	-2.201	-1.461	-0.076	1.090
771	7.70	1.222	-0.056	-2.371	-4.714	-5.874	-5.057	-2.324	1.374	4.598	6.087
781	7.80	5.340	2.829	-0.273	-2.699	-3.733	-3.531	-2.971	-3.096	-4.469	-6.779
791	7.90	-8.944	-9.664	-8.152	-6.656	-0.463	2.647	3.251	1.023	-3.019	-6.920
801	8.00	-8.656	-7.086	-2.506	3.445	8.508	10.801	9.632	5.754	0.950	-2.816
811	8.10	-4.281	-3.381	-1.150	0.881	1.670	0.235	-2.240	-4.793	-6.510	-6.274
821	8.20	-6.955	-5.176	-1.817	-1.326	-1.512	-1.702	-1.174	0.401	2.731	5.012
831	8.30	6.317	6.058	4.270	1.602	-0.987	-2.458	-3.027	-2.273	-0.976	0.186
841	8.40	0.751	0.606	-0.048	-0.868	-1.556	-1.962	-2.073	-1.935	-1.587	-1.057
851	8.50	-0.416	0.163	0.414	0.082	-0.922	-2.405	-3.892	-4.795	-5.666	-6.138
861	8.60	-1.497	0.444	1.467	1.679	0.616	-0.986	-2.336	-2.776	-2.078	-0.520
871	8.70	1.252	2.550	2.964	2.535	1.694	1.007	0.851	1.201	1.624	1.500
881	8.80	0.364	-1.792	-4.413	-6.532	-7.131	-5.571	-1.902	3.079	8.064	11.676
891	8.90	12.960	11.716	8.559	4.666	1.306	-0.634	-0.961	-0.207	0.667	0.741
901	9.00	-0.428	-2.571	-4.816	-6.058	-5.498	-3.026	0.653	4.262	6.467	6.428
911	9.10	4.165	0.558	-3.022	-5.292	-5.599	-4.193	-2.044	-0.474	-0.463	-2.245
921	9.20	-5.188	-8.065	-9.598	-9.019	-6.398	-2.404	1.089	3.560	4.317	3.669
931	9.30	2.529	1.441	2.556	4.283	6.336	7.569	7.066	4.585	0.777	-3.057
941	9.40	-5.468	-5.579	-3.311	0.373	3.968	5.942	5.559	3.008	-0.615	-3.791
951	9.50	-5.259	-4.525	-2.034	1.080	3.526	4.412	3.574	1.550	-0.772	-2.601
961	9.60	-3.577	-3.818	-3.697	-3.498	-3.174	-2.358	-0.632	2.111	5.423	8.363
971	9.70	9.865	9.260	6.466	3.042	-0.168	-1.663	-0.871	1.777	5.029	7.385
981	9.80	7.764	5.956	2.656	-0.936	-3.709	-5.137	-5.420	-5.236	-5.252	-5.722
991	9.90	-6.333	-6.455	-5.587	-3.750	-1.575	-0.005	0.241	-0.860	-2.507	-3.610

Table 7—51—3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-2.456	0.640	5.028	8.986	10.654	8.918	4.018	-2.431	-8.052	-10.693
1011	10.10	-9.332	-6.518	1.872	7.426	10.188	9.396	5.683	0.680	-3.746	-6.255
1021	10.20	-6.480	-4.997	-2.902	-1.245	-0.597	-0.915	-1.718	-2.438	-2.720	-2.561
1031	10.30	-2.211	-1.963	-1.931	-1.971	-1.755	-0.970	0.481	2.362	4.147	5.189
1041	10.40	4.957	3.255	0.344	-3.087	-6.075	-7.660	-7.181	-4.536	-0.276	4.686
1051	10.50	8.303	10.026	9.034	5.617	0.904	-3.492	-6.049	-5.909	-3.223	0.895
1061	10.60	4.806	7.010	6.751	4.330	0.962	-1.766	-2.472	-0.740	2.892	7.078
1071	10.70	10.241	11.208	9.637	6.090	1.737	-2.144	-4.647	-5.498	-5.023	-3.875
1081	10.80	-2.683	-1.797	-1.226	-0.764	-0.209	0.459	1.046	1.256	0.895	0.044
1091	10.90	-0.921	-1.452	-1.074	0.367	2.565	4.811	6.221	6.071	4.085	0.584
1101	11.00	-3.581	-7.289	-9.521	-9.698	-7.879	-4.736	-1.324	1.286	2.369	1.777
1111	11.10	-0.039	-2.226	-3.874	-4.358	-3.547	-1.797	0.270	2.090	3.444	4.543
1121	11.20	5.883	7.916	10.698	13.717	15.998	16.698	14.609	10.537	5.351	0.624
1131	11.30	-2.206	-2.482	-0.672	1.772	3.026	1.710	-2.640	-8.384	-14.166	-17.737
1141	11.40	-17.842	-14.572	-9.334	-4.255	-1.282	-1.411	-4.357	-8.797	-13.021	-15.677
1151	11.50	-16.240	-15.040	-12.905	-10.638	-8.666	-6.878	-5.076	-3.127	-1.290	-0.135
1161	11.60	-0.224	-1.722	-4.168	-6.573	-7.809	-7.106	-4.395	-0.338	3.991	7.576
1171	11.70	9.876	10.955	11.321	11.569	12.040	12.678	13.125	12.983	12.054	10.445
1181	11.80	8.479	6.497	4.684	3.017	1.361	-0.386	-2.171	-3.819	-5.132	-6.022
1191	11.90	-6.566	-6.939	-7.280	-7.593	-7.753	-7.631	-7.235	-6.752	-6.433	-6.362
1201	12.00	-6.277	-5.606	-3.770	-0.643	3.098	5.994	6.315	2.885	-4.136	-12.962
1211	12.10	-20.645	-24.157	-21.684	-13.520	-2.092	8.952	16.231	18.026	14.937	9.504
1221	12.20	4.971	3.800	6.631	12.167	17.979	21.795	22.598	20.999	18.738	17.622
1231	12.30	18.478	20.684	22.500	22.019	18.216	11.573	3.952	-2.207	-4.551	-3.643
1241	12.40	0.814	6.415	10.893	12.568	10.829	6.141	-0.332	-7.245	-13.463	-18.246
1251	12.50	-21.231	-22.357	-21.820	-20.083	-17.854	-15.955	-15.065	-15.414	-16.614	-17.730
1261	12.60	-17.638	-15.515	-11.240	-5.501	0.467	5.403	8.542	9.895	10.150	10.263
1271	12.70	10.938	12.291	13.839	14.817	14.636	13.232	11.120	9.132	7.984	7.903
1281	12.80	8.524	9.085	8.821	7.343	4.795	1.722	-1.255	-3.778	-5.894	-7.942
1291	12.90	-10.243	-12.791	-15.148	-16.611	-16.598	-15.021	-12.446	-9.896	-8.386	-8.404
1301	13.00	-9.618	-10.986	-11.251	-9.580	-6.040	-3.646	2.067	3.768	2.864	-0.054
1311	13.10	-3.683	-6.560	-7.780	-7.370	-6.149	-5.161	-4.990	-5.370	-5.305	-3.671
1321	13.20	0.029	5.198	10.260	13.355	13.288	10.219	5.723	2.115	1.382	4.123
1331	13.30	9.406	15.045	18.757	19.240	15.748	12.841	9.448	7.776	7.634	7.582
1341	13.40	5.817	1.331	-5.310	-12.015	-16.067	-15.452	-9.917	-1.231	7.518	13.256
1351	13.50	14.216	10.612	4.356	-1.949	-6.217	-7.685	-6.979	-5.506	-4.571	-4.741
1361	13.60	-5.744	-6.904	-7.750	-8.403	-9.493	-11.653	-14.922	-18.651	-20.715	-20.167
1371	13.70	-15.988	-8.533	0.766	9.982	17.461	22.382	24.856	25.586	25.323	24.442
1381	13.80	22.853	20.225	16.336	11.300	5.541	-0.432	-6.251	-11.739	-16.740	-20.865
1391	13.90	-23.390	-25.471	-20.624	-15.212	-8.616	-2.884	0.080	-0.605	-4.288	-8.980
1401	14.00	-12.219	-12.213	-8.688	-2.994	2.593	6.039	6.563	4.969	3.109	2.781
1411	14.10	4.657	7.836	10.281	9.925	5.838	-1.155	-8.772	-14.334	-16.062	-13.793
1421	14.20	-9.138	-4.399	-1.447	-0.779	-1.396	-1.490	0.626	4.604	9.866	14.116
1431	14.30	15.664	13.912	10.010	6.132	4.493	6.195	10.635	15.742	18.920	18.234
1441	14.40	13.265	5.260	-3.455	-10.491	-14.334	-14.811	-12.919	-10.194	-7.952	-6.772
1451	14.50	-6.426	-6.217	-5.496	-4.095	-2.446	-1.369	-1.638	-3.548	-6.687	-10.022
1461	14.60	-12.264	-12.369	-9.972	-5.562	-0.328	4.284	7.129	7.807	6.790	5.180
1471	14.70	4.162	4.427	5.811	7.351	7.818	6.298	2.844	-1.455	-4.878	-5.847
1481	14.80	-3.698	0.937	6.371	10.623	12.351	11.493	9.278	7.592	7.996	10.891
1491	14.90	15.260	19.107	20.397	18.012	12.265	4.723	-2.534	-7.834	-10.550	-11.156

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TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-10.746	-10.312	-10.200	-10.012	-8.981	-6.555	-2.827	1.412	5.048	7.177
1511	15.10	7.516	6.438	4.651	2.727	0.786	-1.472	-4.411	-8.001	-11.561	-13.901
1521	15.20	-13.822	-10.725	-5.020	1.908	8.165	12.028	12.535	9.718	4.484	-2.000
1531	15.30	-8.351	-13.633	-17.213	-18.729	-18.040	-15.284	-10.989	-6.059	-1.850	0.867
1541	15.40	1.445	0.339	-1.369	-2.296	-1.392	1.481	5.556	9.518	12.144	12.853
1551	15.50	11.879	9.991	7.948	6.027	3.921	1.071	-2.766	-7.091	-10.688	-12.147
1561	15.60	-10.631	-6.451	-1.077	3.498	5.730	5.341	3.490	2.168	3.098	6.706
1571	15.70	11.765	15.933	16.962	13.961	8.022	1.820	-1.658	-0.649	4.327	10.797
1581	15.80	15.015	14.199	7.729	-2.381	-12.325	-18.230	-17.954	-12.096	-3.751	2.891
1591	15.90	4.416	-0.312	-9.695	-20.158	-27.698	-29.540	-25.149	-16.242	-5.911	2.692
1601	16.00	7.492	8.016	5.222	0.838	-3.391	-6.224	-7.071	-5.841	-2.716	1.975
1611	16.10	7.731	13.781	19.084	22.524	23.288	21.241	17.110	12.312	8.462	6.736
1621	16.20	7.388	9.618	11.944	12.836	11.411	7.846	3.297	-0.617	-2.568	-2.144
1631	16.30	-0.072	2.084	2.615	0.450	-4.329	-10.489	-16.155	-19.625	-20.104	-18.037
1641	16.40	-14.871	-12.366	-11.762	-13.187	-15.600	-17.289	-16.707	-13.262	-7.670	-1.711
1651	16.50	2.533	3.618	1.418	-2.753	-6.677	-8.175	-6.064	-0.693	6.183	12.146
1661	16.60	15.159	14.461	10.909	6.621	4.050	4.876	9.194	15.351	20.528	21.842
1671	16.70	17.539	7.781	-5.303	-18.334	-27.901	-31.797	-29.719	-23.345	-15.470	-8.878
1681	16.80	-5.257	-6.667	-5.765	-6.632	-5.810	-3.037	0.658	3.537	4.118	2.034
1691	16.90	-1.639	-4.781	-5.160	-4.481	5.971	15.382	24.138	29.886	31.424	29.026
1701	17.00	24.102	18.404	13.204	8.863	4.951	0.798	-3.878	-8.429	-12.436	-16.233
1711	17.10	-13.550	-10.821	-7.241	-4.185	-2.529	-2.231	-2.412	-1.900	0.048	3.242
1721	17.20	6.564	8.475	7.803	4.384	-0.759	-5.808	-8.924	-9.034	-6.242	-1.827
1731	17.30	2.524	5.253	5.606	3.788	0.723	-2.637	-4.807	-6.046	-6.361	-4.294
1741	17.40	-6.440	-7.213	-8.737	-10.829	-13.050	-14.785	-15.368	-14.260	-11.255	-6.656
1751	17.50	-1.304	3.613	6.932	7.962	6.781	4.225	1.555	-0.100	-0.238	0.807
1761	17.60	2.065	2.444	1.317	-1.123	-3.919	-5.779	-5.683	-3.352	0.637	5.131
1771	17.70	8.920	11.219	11.904	11.410	10.410	9.468	8.855	8.590	8.614	8.965
1781	17.80	9.670	10.804	12.100	13.012	12.877	11.280	8.395	5.076	2.596	2.083
1791	17.90	3.943	7.546	11.394	13.725	13.276	9.849	4.346	-1.485	-6.210	-8.980
1801	18.00	-10.005	-10.251	-10.809	-12.261	-14.366	-16.251	-16.957	-16.057	-13.955	-11.722
1811	18.10	-10.530	-11.006	-12.858	-14.985	-16.029	-15.068	-12.099	-8.036	-4.248	-1.864
1821	18.20	-1.226	-1.764	-2.344	-1.893	0.033	3.047	6.179	8.423	9.292	9.069
1831	18.30	8.630	8.947	10.538	13.451	15.843	17.424	17.010	14.443	10.373	5.981
1841	18.40	2.509	0.803	1.068	2.899	5.515	8.068	9.889	10.612	10.172	8.757
1851	18.50	6.723	4.517	2.567	1.154	0.283	-0.366	-1.356	-3.272	-6.426	-10.635
1861	18.60	-15.196	-19.107	-21.460	-21.834	-20.487	-18.247	-16.124	-14.832	-14.447	-14.387
1871	18.70	-13.725	-11.685	-8.076	-3.454	1.117	6.538	6.201	6.282	5.681	5.520
1881	18.80	6.791	9.732	13.824	18.007	21.155	22.523	21.989	19.979	17.158	14.050
1891	18.90	10.800	7.183	2.842	-2.381	-8.203	-13.880	-18.424	-20.955	-21.029	-18.792
1901	19.00	-14.899	-10.258	-5.721	-1.866	1.052	2.994	3.973	3.954	2.886	0.853
1911	19.10	-1.763	-4.236	-5.643	-5.213	-2.709	1.329	5.850	8.700	9.249	6.969
1921	19.20	2.691	-1.823	-4.556	-4.095	-0.303	5.503	11.018	15.862	12.601	7.396
1931	19.30	0.000	-6.928	-10.906	-10.626	-6.469	-0.259	5.556	8.953	9.122	6.663
1941	19.40	3.137	0.281	-0.992	-0.575	0.613	1.423	1.119	-0.232	-1.839	-2.681
1951	19.50	-2.119	-0.293	1.922	3.376	3.264	1.582	-0.833	-2.718	-3.025	-1.478
1961	19.60	1.252	3.850	6.871	3.559	0.003	-4.853	-9.669	-13.282	-15.124	-15.510
1971	19.70	-14.401	-13.019	-11.524	-9.921	-8.014	-5.686	-3.109	-0.757	0.780	1.096
1981	19.80	0.185	-1.529	-3.378	-4.740	-5.287	-5.066	-4.372	-3.522	-2.641	-1.605
1991	19.90	-0.156	1.878	4.384	6.905	8.764	9.314	8.201	5.518	1.787	-2.203

Table 7—51—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-5.620	-7.790	-8.306	-7.044	-4.120	0.115	5.125	10.195	14.505	17.271
2011	20.10	17.956	16.410	13.072	8.801	4.704	1.799	0.703	1.449	3.498	5.939
2021	20.20	7.804	8.384	7.442	5.247	2.451	-0.157	-1.916	-2.503	-1.995	-0.805
2031	20.30	0.516	1.487	1.903	1.872	1.735	1.877	2.501	3.491	4.427	4.750
2041	20.40	4.021	2.143	-0.558	-3.451	-5.862	-7.358	-7.910	-7.854	-7.659	-7.629
2051	20.50	-7.699	-7.458	-6.386	-4.214	-1.192	1.895	3.597	4.257	3.439	-0.905
2061	20.60	-4.622	-7.446	-8.538	-7.844	-6.062	-4.250	-3.254	-3.260	-3.690	-3.510
2071	20.70	-1.804	1.685	6.316	10.757	13.535	13.687	11.175	6.896	2.273	-1.353
2081	20.80	-3.249	-3.478	-2.711	-1.782	-1.250	-1.181	-1.263	-1.128	-0.689	-0.275
2091	20.90	-0.461	-1.700	-3.948	-6.528	-8.327	-8.258	-5.784	-1.228	4.285	9.247
2101	21.00	12.346	12.964	11.361	8.382	5.193	2.600	0.863	-0.296	-1.403	-2.860
2111	21.10	-4.689	-6.519	-7.807	-8.151	-7.529	-6.316	-5.091	-4.322	-4.114	-4.133
2121	21.20	-3.779	-2.495	-0.073	3.200	6.628	9.394	10.906	11.051	10.236	9.198
2131	21.30	8.676	9.083	10.332	11.875	12.940	12.856	11.325	8.523	5.006	1.455
2141	21.40	-1.603	-3.991	-5.896	-7.703	-9.752	-12.095	-14.615	-16.161	-16.716	-15.891
2151	21.50	-13.920	-11.535	-9.698	-9.215	-10.390	-12.864	-15.725	-17.867	-18.429	-17.169
2161	21.60	-14.463	-11.302	-8.685	-7.282	-7.129	-7.638	-7.862	-6.919	-4.567	-0.581
2171	21.70	4.331	8.821	12.255	14.179	14.589	13.818	12.313	10.432	8.355	6.134
2181	21.80	3.823	1.612	-0.140	-0.986	-0.563	1.232	4.152	7.629	10.937	13.397
2191	21.90	14.574	14.373	13.031	11.004	8.807	6.863	5.408	4.463	3.867	3.351
2201	22.00	2.617	1.411	-0.437	-2.999	-6.241	-10.033	-14.148	-18.260	-21.947	-24.713
2211	22.10	-26.059	-25.577	-23.074	-18.670	-12.846	-6.385	-0.227	4.741	7.908	9.081
2221	22.20	8.529	6.889	4.979	3.570	3.193	4.030	5.908	8.396	10.948	13.066
2231	22.30	14.416	14.888	14.572	13.688	12.484	11.148	9.771	8.359	6.905	5.451
2241	22.40	4.133	3.138	2.615	2.550	2.707	2.660	1.952	0.313	-2.148	-4.893
2251	22.50	-7.096	-7.937	-6.944	-4.223	-0.463	3.306	6.100	7.358	7.127	5.993
2261	22.60	4.776	4.163	4.437	5.429	6.682	7.731	8.313	8.412	8.126	7.456
2271	22.70	6.127	5.905	5.345	4.395	-9.635	-14.220	-16.897	-16.822	-15.947	-9.094
2281	22.80	-3.654	0.981	3.966	5.292	5.663	6.048	7.117	8.878	10.675	11.564
2291	22.90	10.845	8.473	5.133	1.916	-0.211	-0.896	-0.566	-0.203	-0.831	-2.988
2301	23.00	-6.441	-10.297	-13.427	-14.989	-14.769	-13.189	-10.993	-8.805	-6.810	-4.734
2311	23.10	-2.129	1.220	4.996	8.359	10.284	10.058	7.694	4.013	0.347	-2.021
2321	23.20	-2.421	-1.072	1.033	2.610	2.680	1.000	-1.860	-4.822	-6.036	-7.356
2331	23.30	-6.581	-5.306	-4.509	-4.879	-6.489	-8.780	-10.822	-11.733	-11.040	-8.843
2341	23.40	-5.717	-2.443	0.315	2.220	3.305	3.854	4.212	4.618	5.146	5.736
2351	23.50	6.287	6.738	7.081	7.329	7.443	7.295	6.697	5.475	3.575	1.130
2361	23.60	-1.551	-4.067	-6.055	-7.298	-7.775	-7.620	-7.021	-6.111	-4.910	-3.351
2371	23.70	-1.387	0.890	3.161	4.913	5.577	4.750	2.398	-1.040	-4.728	-7.670
2381	23.80	-9.037	-8.466	-6.190	-2.983	0.147	2.323	3.130	2.764	1.926	1.513
2391	23.90	2.223	4.233	7.098	9.890	11.557	11.322	8.997	5.061	0.498	-3.561
2401	24.00	-6.236	-7.187	-6.715	-5.604	-4.807	-5.091	-6.754	-9.527	-12.677	-15.274
2411	24.10	-16.508	-15.975	-13.798	-10.587	-7.226	-4.576	-3.212	-3.238	-4.284	-5.665
2421	24.20	-6.630	-6.628	-5.490	-3.457	-1.072	1.044	2.416	2.878	2.611	2.055
2431	24.30	1.744	2.134	3.473	5.765	8.805	12.259	15.742	18.874	21.303	22.719
2441	24.40	22.875	21.641	19.065	15.413	11.168	6.942	3.338	0.772	-0.658	-1.219
2451	24.50	-1.665	-2.051	-3.500	-5.996	-9.295	-12.799	-15.765	-17.589	-18.050	-17.394
2461	24.60	-16.238	-15.296	-15.051	-15.514	-16.179	-16.224	-14.863	-11.716	-7.018	-1.563
2471	24.70	3.600	7.585	10.020	11.142	11.619	12.160	13.329	14.346	15.187	14.934
2481	24.80	13.200	10.190	6.670	3.623	1.782	1.258	1.681	1.493	0.452	-1.894
2491	24.90	-5.024	-7.853	-9.235	-8.524	-5.899	-2.295	1.045	3.156	3.802	3.547

Table 7—51—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.426	4.386	6.778	10.166	13.561	15.821	16.381	15.333	13.417	11.574
2511	25.10	10.436	10.006	9.668	8.586	6.199	2.601	-1.416	-4.683	-6.202	-5.610
2521	25.20	-3.570	-0.579	1.501	1.967	0.602	-2.122	-5.343	-8.230	-10.335	-11.698
2531	25.30	-12.703	-13.784	-15.148	-16.656	-17.903	-18.429	-17.957	-16.516	-14.414	-12.111
2541	25.40	-10.021	-8.386	-7.233	-6.413	-5.679	-4.757	-3.401	-1.427	1.239	4.512
2551	25.50	8.107	11.566	14.355	16.038	16.443	15.753	14.455	13.155	12.318	12.069
2561	25.60	12.135	11.979	11.057	9.099	6.261	3.087	0.292	-1.533	-2.166	-1.821
2571	25.70	-1.036	-0.417	-0.367	-0.923	-1.746	-2.274	-1.949	-0.428	2.293	5.882
2581	25.80	9.760	13.249	15.723	16.734	16.110	13.995	10.834	7.284	4.053	1.703
2591	25.90	0.472	0.204	0.410	0.474	-0.086	-1.407	-3.219	-4.979	-6.129	-6.378
2601	26.00	-5.853	-5.050	-4.589	-4.902	-5.993	-7.417	-8.473	-8.559	-7.490	-5.634
2611	26.10	-3.790	-2.844	-3.373	-5.369	-8.220	-10.962	-12.679	-12.884	-11.695	-9.750
2621	26.20	-7.900	-6.837	-6.810	-7.566	-8.500	-8.947	-8.455	-6.940	-4.658	-2.039
2631	26.30	0.509	2.744	4.609	6.150	7.393	8.264	8.591	8.192	6.992	5.105
2641	26.40	2.825	0.535	-1.429	-2.892	-3.878	-4.558	-5.132	-5.720	-6.294	-6.709
2651	26.50	-6.786	-6.429	-5.687	-4.739	-3.805	-3.015	-2.316	-1.474	-0.172	1.811
2661	26.60	4.428	7.287	9.716	10.966	10.485	8.153	4.371	-0.028	-4.041	-6.809
2671	26.70	-7.862	-7.218	-5.277	-2.600	0.343	3.311	6.287	9.321	12.332	15.019
2681	26.80	16.842	17.263	15.986	13.159	9.407	5.654	2.803	1.393	1.399	2.251
2691	26.90	3.062	2.989	1.557	-1.175	-4.658	-8.077	-10.659	-11.926	-11.814	-10.634
2701	27.00	-8.905	-7.163	-5.794	-4.967	-4.644	-4.669	-4.748	-4.716	-4.374	-3.601
2711	27.10	-2.355	-0.681	1.277	3.277	5.008	6.150	6.448	5.794	4.278	2.194
2721	27.20	-0.017	-1.876	-3.000	-3.225	-2.667	-1.694	-0.798	-0.417	-0.765	-1.741
2731	27.30	-2.970	-3.961	-4.330	-3.981	-3.163	-2.369	-2.098	-2.613	-3.774	-5.072
2741	27.40	-5.828	-5.490	-4.892	-4.334	-1.539	4.030	5.702	6.573	7.093	7.914
2751	27.50	9.355	12.126	15.236	18.121	19.945	20.129	18.566	15.637	12.065	8.534
2761	27.60	5.639	3.555	2.157	1.138	0.172	-0.956	-2.315	-3.856	-5.474	-7.053
2771	27.70	-8.476	-9.617	-10.336	-10.513	-10.108	-9.212	-8.068	-7.019	-6.398	-6.406
2781	27.80	-7.030	-8.040	-9.080	-9.803	-10.004	-9.680	-9.007	-8.226	-7.520	-6.915
2791	27.90	-6.272	-5.365	-4.008	-2.185	-0.106	1.840	3.220	3.733	3.354	2.380
2801	28.00	1.341	0.808	1.166	2.438	4.245	5.927	6.791	6.383	4.687	2.144
2811	28.10	-0.501	-2.485	-3.322	-2.978	-1.864	-0.648	0.029	-0.192	-1.266	-2.801
2821	28.20	-4.250	-5.138	-5.219	-4.515	-3.224	-1.583	0.238	2.156	4.108	5.966
2831	28.30	7.496	8.395	8.468	7.638	6.231	4.712	3.615	3.310	3.846	4.930
2841	28.40	6.056	6.708	6.593	5.722	4.387	3.005	1.923	1.280	0.966	0.689
2851	28.50	0.111	-1.033	-2.847	-5.273	-8.124	-11.132	-14.040	-16.542	-18.406	-19.442
2861	28.60	-19.565	-18.785	-17.205	-14.986	-12.290	-9.252	-5.987	-2.634	0.597	3.422
2871	28.70	5.531	6.709	6.948	6.507	5.860	5.538	5.951	7.125	8.873	10.695
2881	28.80	12.090	12.734	12.592	11.893	10.983	10.153	9.526	9.044	8.582	8.050
2891	28.90	7.474	6.966	6.616	6.385	6.069	5.372	4.079	2.205	0.069	-1.798
2901	29.00	-2.851	-2.786	-1.574	0.368	2.455	4.260	5.521	6.286	6.777	7.231
2911	29.10	7.715	8.089	8.082	7.446	6.300	4.171	1.931	-0.332	-2.633	-4.317
2921	29.20	-5.995	-7.630	-8.459	-8.817	-8.256	-6.722	-4.471	-2.064	-0.215	0.461
2931	29.30	-0.624	-2.715	-5.953	-9.446	-12.519	-14.886	-15.752	-15.777	-14.979	-13.804
2941	29.40	-11.834	-9.745	-7.299	-4.615	-1.015	2.888	7.123	11.320	14.967	17.415
2951	29.50	18.248	17.264	14.682	11.090	7.268	3.918	1.423	-0.259	-1.505	-2.770
2961	29.60	-4.292	-5.918	-7.135	-7.326	-6.119	-3.654	-0.619	1.984	3.260	3.827
2971	29.70	1.012	-1.267	-2.885	-3.020	-1.416	1.338	4.251	6.261	6.695	5.512
2981	29.80	3.260	0.798	-1.090	-1.988	-1.952	-1.394	-0.844	-0.790	-1.086	-1.852
2991	29.90	-2.694	-3.304	-3.493	-3.231	-2.632	-1.886	-1.258	-0.948	-1.162	-2.018

Table 7—51—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	-3.519	-5.509	-7.484	-9.644	-10.999	-11.484	-11.035	-9.791	-8.032	-6.667
3011	30.10	-4.135	-2.367	-0.793	0.593	1.781	2.729	3.386	3.745	3.878	3.934
3021	30.20	4.089	4.475	5.129	5.985	6.954	7.795	8.562	9.215	9.785	10.284
3031	30.30	10.662	10.818	10.653	10.135	9.342	8.455	7.687	7.187	6.963	6.851
3041	30.40	6.617	5.955	4.699	2.837	0.528	-1.962	-4.335	-6.448	-8.157	-9.511
3051	30.50	-10.599	-11.506	-12.271	-12.864	-13.214	-13.252	-12.950	-12.348	-11.545	-10.669
3061	30.60	-9.828	-9.080	-8.414	-7.762	-7.010	-6.182	-5.174	-4.050	-2.865	-1.659
3071	30.70	-0.421	0.904	2.384	4.039	5.792	7.455	8.765	9.464	9.398	8.580
3081	30.80	7.194	5.560	3.931	2.600	1.633	0.983	0.512	0.070	-0.650	-1.094
3091	30.90	-1.851	-2.682	-3.528	-4.301	-4.874	-5.076	-4.730	-3.723	-2.073	0.026
3101	31.00	2.231	4.145	5.427	5.900	5.579	4.625	3.251	1.633	-0.119	-1.927
3111	31.10	-3.654	-5.054	-5.782	-5.510	-4.091	-1.696	1.161	3.754	5.383	5.665
3121	31.20	4.591	2.721	0.780	-0.537	-0.853	-0.238	0.867	1.867	2.287	1.956
3131	31.30	1.041	-0.085	-1.047	-1.650	-1.947	-2.172	-2.585	-3.309	-4.274	-5.232
3141	31.40	-5.891	-6.043	-5.644	-4.799	-3.691	-2.475	-1.225	0.051	1.354	2.628
3151	31.50	3.736	4.499	4.795	4.622	4.125	3.535	3.063	2.792	2.629	2.554
3161	31.60	1.734	0.656	-0.793	-2.339	-3.627	-4.365	-4.453	-4.012	-3.335	-2.751
3171	31.70	-2.484	-2.572	-2.860	-3.083	-2.990	-2.456	-1.530	-0.415	0.620	1.346
3181	31.80	1.665	1.646	1.688	1.443	1.709	2.348	3.259	4.219	4.976	5.368
3191	31.90	5.404	5.282	5.304	5.741	6.686	7.965	9.168	9.790	9.436	8.001
3201	32.00	5.732	3.153	0.856	-0.737	-1.531	-1.772	-1.894	-2.289	-3.103	-4.173
3211	32.10	-5.125	-5.594	-5.443	-4.855	-4.278	-4.163	-4.745	-5.873	-7.043	-7.609
3221	32.20	-7.072	-5.312	-2.637	0.357	3.046	5.032	6.253	6.914	7.295	7.540
3231	32.30	7.568	7.133	6.020	4.238	2.104	0.155	-1.076	-1.307	-0.648	0.446
3241	32.40	1.383	1.710	1.304	0.403	-0.569	-1.130	-1.150	-0.706	-0.094	0.387
3251	32.50	0.603	0.645	0.751	1.147	1.890	2.821	3.634	4.028	3.859	3.199
3261	32.60	2.288	1.413	0.783	0.480	0.482	0.740	1.234	1.963	2.877	3.797
3271	32.70	4.405	4.328	3.310	1.377	-1.094	-3.472	-5.096	-5.545	-4.814	-3.320
3281	32.80	-1.718	-0.623	-0.370	-0.918	-1.943	-3.042	-3.954	-4.669	-5.378	-6.318
3291	32.90	-7.593	-9.082	-10.486	-11.464	-11.799	-11.478	-10.664	-9.578	-8.374	-7.076
3301	33.00	-5.628	-3.994	-2.257	-0.637	0.605	1.306	1.524	1.543	1.760	2.490
3311	33.10	3.803	5.473	7.083	8.216	8.661	8.505	8.069	7.742	7.783	8.200
3321	33.20	8.782	9.232	9.338	9.086	8.645	8.241	8.009	7.889	7.652	7.018
3331	33.30	5.820	4.109	2.156	0.331	-1.057	-1.884	-2.243	-2.361	-2.468	-2.685
3341	33.40	-2.977	-3.219	-3.291	-3.177	-2.988	-2.916	-3.135	-3.714	-4.583	-5.565
3351	33.50	-6.455	-7.095	-7.409	-7.357	-7.094	-6.542	-5.784	-4.893	-3.995	-3.267
3361	33.60	-2.886	-2.947	-3.392	-3.988	-4.393	-4.279	-3.466	-2.017	-0.229	1.460
3371	33.70	2.634	3.049	2.708	1.840	0.798	-0.088	-0.620	-0.772	-0.650	-0.392
3381	33.80	-0.078	0.315	0.889	1.742	2.866	4.100	5.143	5.653	5.384	4.300
3391	33.90	2.622	0.763	-0.808	-1.732	-1.886	-1.411	-0.629	0.097	0.515	0.572
3401	34.00	0.388	0.166	0.057	0.075	0.092	-0.071	-0.526	-1.218	-1.914	-2.291
3411	34.10	-2.077	-1.188	0.216	1.780	3.082	3.778	3.710	2.921	1.604	0.001
3421	34.20	-1.668	-3.235	-4.567	-5.541	-6.041	-5.999	-5.454	-4.590	-3.737	-3.177
3431	34.30	-3.218	-3.884	-4.990	-6.188	-7.100	-7.460	-7.197	-6.421	-5.340	-4.150
3441	34.40	-2.967	-1.824	-0.726	0.286	1.116	1.650	1.842	1.777	1.673	1.795
3451	34.50	2.322	3.235	4.295	5.133	5.425	5.058	4.201	3.253	2.659	2.706
3461	34.60	3.389	4.411	5.322	5.728	5.464	4.653	3.626	2.742	2.215	2.030
3471	34.70	1.979	1.794	1.318	0.591	-0.154	-0.614	-0.569	0.003	0.906	1.818
3481	34.80	2.445	2.664	2.591	2.535	2.861	3.821	5.423	7.387	9.221	10.383
3491	34.90	10.463	9.343	7.249	4.695	2.323	0.695	0.106	0.491	1.454	2.405

Table 7—51—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	2.776	2.214	0.687	-1.527	-3.970	-6.588	-7.887	-9.003	-9.666	-10.068
3511	35.10	-10.348	-10.493	-10.359	-9.766	-8.614	-6.989	-5.144	-3.425	-2.135	-1.416
3521	35.20	-1.197	-1.247	-1.278	-1.074	-0.573	0.123	0.809	1.269	1.363	1.087
3531	35.30	0.467	-0.285	-1.017	-1.581	-1.870	-1.829	-1.464	-0.843	-0.094	0.614
3541	35.40	1.124	1.343	1.292	1.103	0.975	1.088	1.503	2.123	2.703	2.957
3551	35.50	2.681	1.869	0.749	-0.274	-0.767	-0.435	0.755	2.543	4.461	5.999
3561	35.60	6.786	6.711	5.945	4.850	3.819	3.116	2.785	2.651	2.421	1.832
3571	35.70	0.768	-0.685	-2.293	-3.787	-4.998	-5.936	-6.785	-7.798	-9.149	-10.807
3581	35.80	-12.501	-13.788	-14.215	-13.507	-11.694	-9.125	-6.357	-3.961	-2.324	-1.528
3591	35.90	-1.350	-1.381	-1.210	-0.586	0.498	1.831	3.094	4.008	4.441	4.445
3601	36.00	4.209	3.970	3.919	4.148	4.650	5.356	6.179	7.044	7.877	8.590
3611	36.10	9.062	9.155	8.756	7.834	6.484	4.918	3.414	2.225	1.492	1.191
3621	36.20	1.153	1.133	0.916	0.405	-0.357	-1.112	-1.661	-1.761	-1.303	-0.319
3631	36.30	1.037	2.559	4.053	5.394	6.534	7.489	8.292	8.964	9.489	9.825
3641	36.40	9.920	9.736	9.252	8.482	7.469	6.187	4.746	3.199	1.662	0.187
3651	36.50	-1.070	-2.089	-2.911	-3.654	-4.475	-5.493	-6.718	-8.016	-9.131	-9.770
3661	36.60	-9.709	-8.896	-7.483	-5.778	-4.141	-2.858	-2.062	-1.716	-1.686	-1.826
3671	36.70	-2.079	-2.469	-3.055	-3.836	-4.681	-5.327	-5.473	-4.921	-3.692	-2.069
3681	36.80	-0.498	0.583	0.943	0.659	0.092	-0.287	-0.120	0.656	1.771	2.744
3691	36.90	3.120	2.701	1.653	0.448	-0.356	-0.378	0.402	1.632	2.748	3.236
3701	37.00	2.864	1.764	0.336	-0.972	-1.902	-2.505	-3.084	-3.992	-5.198	-7.137
3711	37.10	-8.748	-9.674	-9.566	-8.382	-6.614	-4.913	-3.874	-3.744	-4.291	-4.919
3721	37.20	-4.953	-3.974	-2.036	0.360	2.397	3.682	3.342	2.230	0.776	-0.313
3731	37.30	-0.581	-0.015	0.974	1.780	1.904	1.195	-0.085	-1.405	-2.230	-2.268
3741	37.40	-1.593	-0.576	0.327	0.812	0.868	0.760	0.860	1.630	2.457	3.648
3751	37.50	4.567	4.869	4.357	3.378	2.227	1.344	0.938	0.924	0.973	0.694
3761	37.60	-0.163	-1.574	-3.236	-4.710	-5.614	-5.791	-5.354	-4.611	-3.903	-3.440
3771	37.70	-3.225	-3.091	-2.816	-2.270	-1.495	-0.693	-0.128	0.005	-0.323	-0.956
3781	37.80	-1.620	-2.034	-2.012	-1.510	-0.609	0.548	1.826	3.135	4.427	5.667
3791	37.90	6.798	7.741	8.408	8.741	8.738	8.450	7.959	7.335	6.609	5.777
3801	38.00	4.817	3.722	2.522	1.274	0.046	-1.120	-2.196	-3.177	-4.046	-4.756
3811	38.10	-5.226	-5.383	-5.188	-4.664	-3.897	-2.994	-2.041	-1.072	-0.080	0.940
3821	38.20	1.930	2.747	3.191	3.086	2.382	1.219	-0.084	-1.131	-1.592	-1.343
3831	38.30	-0.515	0.561	1.495	2.012	2.061	1.823	1.614	1.727	2.293	3.226
3841	38.40	4.276	5.151	5.650	5.736	5.523	5.184	4.846	4.515	4.086	3.620
3851	38.50	2.443	1.216	-0.071	-1.168	-1.879	-2.140	-2.042	-1.772	-1.514	-1.356
3861	38.60	-1.251	-1.069	-0.589	0.204	1.255	2.347	3.186	3.500	3.137	2.110
3871	38.70	0.594	-1.125	-2.731	-3.951	-4.618	-4.698	-4.289	-3.595	-2.866	-2.322
3881	38.80	-2.105	-2.209	-2.500	-2.755	-2.759	-2.392	-1.695	-0.861	-0.170	0.125
3891	38.90	-0.102	-0.798	-1.753	-2.687	-3.359	-3.648	-3.585	-3.300	-2.952	-2.669
3901	39.00	-2.416	-2.213	-1.981	-1.700	-1.399	-1.137	-0.957	-0.867	-0.738	-0.553
3911	39.10	-0.261	0.071	0.295	0.225	-0.241	-1.067	-2.052	-2.886	-3.273	-3.044
3921	39.20	-2.231	-1.060	0.144	1.076	1.558	1.577	1.251	0.751	0.211	-0.308
3931	39.30	-0.807	-1.302	-1.769	-2.127	-2.265	-2.102	-1.636	-0.949	-0.180	0.561
3941	39.40	1.251	1.974	2.871	4.058	5.537	7.156	8.651	9.765	10.260	10.199
3951	39.50	9.741	9.155	8.670	8.366	8.116	7.665	6.728	5.144	2.967	0.470
3961	39.60	-1.946	-3.889	-5.113	-5.580	-5.443	-4.943	-4.297	-3.612	-2.868	-1.986
3971	39.70	-0.919	0.261	1.343	2.040	2.102	1.645	0.211	-1.253	-2.516	-3.222
3981	39.80	-3.238	-2.708	-2.001	-1.560	-1.711	-2.527	-3.778	-5.026	-5.792	-5.754
3991	39.90	-4.876	-3.421	-1.845	-0.610	-0.010	-0.068	-0.561	-1.136	-1.488	-1.489

Table 7—51—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1144 1017-GR-1-7 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -31.787 (GAL) T= 16.76 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-1.232	-0.963	-0.941	-1.284	-1.895	-2.486	-2.707	-2.312	-1.288	0.109
4011	40.10	1.444	2.278	2.348	1.693	0.638	-0.327	-0.767	-0.394	0.646	2.008
4021	40.20	3.198	3.803	3.650	2.871	1.827	0.945	0.526	0.617	1.004	1.318
4031	40.30	1.216	0.538	-0.603	-1.868	-2.830	-3.148	-2.707	-1.655	-0.335	0.866
4041	40.40	1.638	1.862	1.597	1.013	0.288	-0.466	-1.220	-1.987	-2.757	-3.450
4051	40.50	-3.926	-4.028	-3.678	-2.904	-1.850	-0.714	0.337	1.227	1.981	2.676
4061	40.60	3.360	3.985	4.405	4.432	3.937	2.942	1.669	0.389	-0.492	-0.764
4071	40.70	-0.394	0.468	1.469	2.371	2.954	3.161	3.019	2.721	2.246	1.624
4081	40.80	0.823	-0.171	-1.292	-2.378	-3.214	-3.626	-3.566	-3.155	-2.618	-2.338
4091	40.90	-2.426	-2.930	-3.659	-4.281	-4.461	-5.898	-2.614	-0.771	1.287	3.165
4101	41.00	4.530	5.193	5.143	4.519	3.557	2.514	1.608	0.974	0.651	0.582
4111	41.10	0.665	0.688	0.580	0.249	-0.289	-0.931	-1.517	-1.883	-1.910	-1.572
4121	41.20	-0.943	-0.180	0.528	1.004	1.133	0.875	0.266	-0.603	-1.612	-2.626
4131	41.30	-3.514	-4.159	-4.466	-4.377	-3.883	-3.034	-1.933	-0.713	0.490	1.570
4141	41.40	2.468	3.178	3.729	4.157	4.477	4.667	4.668	4.399	3.788	2.801
4151	41.50	1.667	-0.116	-1.789	-3.367	-4.672	-5.578	-6.066	-6.115	-5.909	-5.574
4161	41.60	-5.241	-4.977	-4.773	-4.552	-4.210	-3.664	-2.889	-1.937	-0.916	0.047
4171	41.70	0.849	1.444	1.850	2.129	2.362	2.613	2.912	3.251	3.596	3.899
4181	41.80	4.110	4.192	4.124	3.905	3.562	3.142	2.698	2.278	1.896	1.532
4191	41.90	1.137	0.671	0.135	-0.399	-0.803	-0.932	-0.691	-0.092	0.726	1.561
4201	42.00	2.127	2.349	2.222	1.898	1.588	1.445	1.474	1.509	1.276	0.529
4211	42.10	-0.817	-2.602	-4.455	-5.910	-6.577	-6.283	-5.128	-3.428	-1.587	0.055
4221	42.20	1.317	2.185	2.748	3.097	3.255	3.167	2.761	2.021	1.036	-0.008
4231	42.30	-0.907	-1.539	-1.920	-2.207	-2.606	-3.260	-4.150	-5.075	-5.727	-5.821
4241	42.40	-5.229	-4.003	-2.434	-0.859	0.431	1.295	1.761	1.964	2.046	2.076
4251	42.50	2.024	1.808	1.573	0.763	0.135	-0.297	-0.384	-0.023	0.599	1.262
4261	42.60	1.711	1.796	1.549	1.169	0.945	1.124	1.807	2.904	4.173	5.325
4271	42.70	6.135	6.529	6.594	6.519	6.503	6.669	6.922	7.154	7.115	6.597
4281	42.80	5.506	3.897	1.965	-0.010	-1.742	-3.017	-3.741	-3.946	-3.772	-3.408
4291	42.90	-3.040	-2.802	-2.758	-2.897	-3.160	-3.468	-3.748	-3.944	-4.022	-3.961
4301	43.00	-3.744	-3.369	-2.848	-2.228	-1.594	-1.057	-0.732	-0.697	-0.966	-1.472
4311	43.10	-2.084	-2.641	-3.005	-3.101	-2.939	-2.607	-2.237	-1.959	-1.858	-1.955
4321	43.20	-2.200	-2.494	-2.719	-2.765	-2.554	-2.055	-1.279	-0.275	0.877	2.083
4331	43.30	3.241	4.259	5.061	5.602	5.873	5.904	5.762	5.532	5.305	5.149
4341	43.40	5.092	5.113	5.145	5.107	4.931	4.598	4.150	3.683	3.308	3.103
4351	43.50	3.075	3.139	3.168	2.947	2.433	1.610	0.588	-0.446	-1.306	-1.865
4361	43.60	-2.109	-2.126	-2.060	-2.050	-2.171	-2.416	-2.718	-2.997	-3.209	-3.367
4371	43.70	-3.528	-3.748	-4.035	-4.313	-4.460	-4.331	-3.839	-3.001	-1.952	-0.910
4381	43.80	-0.111	0.272	0.176	-0.330	-1.079	-1.863	-2.505	-2.909	-3.081	-3.116
4391	43.90	-3.154	-3.318	-3.667	-4.168	-4.703	-5.106	-5.224	-4.980	-4.405	-3.640
4401	44.00	-2.888	-2.345	-2.124	-2.212	-2.476	-2.713	-2.737	-2.449	-1.879	-1.167
4411	44.10	-0.504	-0.049	0.134	0.097	-0.024	-0.079	0.034	0.324	0.714	1.083
4421	44.20	1.328									

Table 7—52—1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	-0.040	0.978	1.804	2.300	2.450	2.352	2.165	2.038	2.044	2.158
11	0.10	2.288	2.333	2.235	2.018	1.770	1.603	1.589	1.732	1.959	2.158
21	0.20	2.224	2.104	1.816	1.439	1.072	0.805	0.682	0.699	0.815	0.971
31	0.30	1.108	1.188	1.191	1.123	1.007	0.877	0.774	0.726	0.748	0.827
41	0.40	0.933	1.027	1.074	1.063	1.006	0.918	0.831	0.752	0.676	0.595
51	0.50	0.508	0.435	0.414	0.481	0.650	0.894	1.148	1.326	1.363	1.239
61	0.60	0.992	0.702	0.459	0.325	0.312	0.390	0.506	0.616	0.704	0.777
71	0.70	0.854	0.934	0.995	0.999	0.918	0.757	0.562	0.397	0.313	0.314
81	0.80	0.349	0.335	0.201	-0.061	-0.384	-0.644	-0.722	-0.561	-0.210	0.194
91	0.90	0.481	0.524	0.303	-0.086	-0.475	-0.689	-0.647	-0.374	0.010	0.351
101	1.00	0.533	0.529	0.355	0.226	0.098	0.028	-0.030	-0.162	-0.344	-0.603
111	1.10	-0.823	-0.892	-0.744	-0.400	0.027	0.380	0.529	0.433	0.159	-0.150
121	1.20	-0.361	-0.327	-0.123	0.160	0.373	0.395	0.190	-0.182	-0.592	-0.900
131	1.30	-1.006	-0.888	-0.600	-0.245	0.061	0.225	0.199	-0.010	-0.344	-0.706
141	1.40	-0.979	-1.065	-0.913	-0.555	-0.105	0.266	0.394	0.189	-0.308	-0.924
151	1.50	-1.415	-1.561	-1.269	-0.626	0.121	0.664	0.767	0.370	-0.370	-1.144
161	1.60	-1.620	-1.581	-1.022	-0.148	0.724	1.297	1.416	1.119	0.591	0.062
171	1.70	-0.308	-0.494	-0.595	-0.754	-1.056	-1.467	-1.816	-1.886	-1.515	-0.688
181	1.80	0.436	1.563	2.387	2.689	2.428	1.749	0.918	0.216	-0.166	-0.693
191	1.90	0.010	0.223	0.219	-0.132	-0.810	-1.632	-2.316	-2.579	-2.243	-1.318
201	2.00	-0.017	1.304	2.263	2.590	2.231	1.371	0.363	-0.412	-0.701	-0.474
211	2.10	0.076	0.634	0.915	0.804	0.399	-0.050	-0.281	-0.272	0.186	0.520
221	2.20	0.538	0.081	-0.757	-1.647	-2.169	-2.018	-1.165	0.099	1.287	1.931
231	2.30	1.801	1.012	-0.038	-0.863	-1.130	-0.821	-0.234	0.176	0.041	-0.720
241	2.40	-1.837	-2.807	-3.329	-2.563	-1.161	0.569	2.059	2.833	2.715	1.878
251	2.50	0.742	-0.238	-0.772	-0.839	-0.659	-0.555	-0.781	-1.397	-2.244	-3.028
261	2.60	-3.448	-3.328	-2.628	-1.680	-0.606	0.280	0.805	0.922	0.702	0.294
271	2.70	-0.133	-0.426	-0.489	-0.290	0.131	0.680	1.225	1.632	1.792	1.649
281	2.80	1.207	0.526	-0.293	-1.128	-1.854	-2.355	-2.546	-2.383	-1.892	-1.171
291	2.90	-0.393	0.237	0.535	0.407	-0.112	-0.845	-1.521	-1.855	-1.640	-0.915
301	3.00	0.505	2.060	3.514	4.542	4.908	4.527	3.479	1.994	0.406	-0.925
311	3.10	-1.694	-1.742	-1.105	-0.024	1.113	1.878	1.944	1.199	-0.206	-1.878
321	3.20	-3.325	-4.086	-3.905	-2.766	-1.007	0.985	2.709	3.790	4.047	3.521
331	3.30	2.437	1.123	-0.077	-0.883	-1.131	-0.794	0.016	1.080	2.111	2.820
341	3.40	2.975	2.463	1.320	-0.266	-1.997	-3.524	-4.539	-4.836	-4.373	-3.272
351	3.50	-1.793	-0.268	0.984	1.734	1.900	1.561	0.919	0.239	-0.240	-0.371
361	3.60	-0.136	0.365	0.958	1.451	1.702	1.643	1.289	0.729	0.100	-0.444
371	3.70	-0.759	-0.749	-0.391	0.236	0.958	1.541	1.758	1.469	0.677	-0.455
381	3.80	-1.660	-2.652	-3.220	-3.286	-2.899	-2.180	-1.253	-0.200	0.929	2.062
391	3.90	3.062	3.716	3.800	3.194	1.977	0.457	-0.916	-1.729	-1.785	-1.207
401	4.00	-0.396	0.159	0.117	-0.534	-1.449	-2.085	-1.971	-0.956	0.686	2.352
411	4.10	3.377	3.330	2.219	0.688	-1.179	-2.160	-2.148	-1.257	0.074	1.308
421	4.20	2.053	2.210	1.956	1.605	1.417	1.468	1.626	1.652	1.338	0.632
431	4.30	-0.329	-1.269	-1.889	-1.974	-1.466	-0.476	0.751	1.904	2.675	2.833
441	4.40	2.287	1.133	-0.342	-1.723	-2.581	-2.630	-1.851	-0.518	0.886	1.863
451	4.50	2.115	1.676	0.898	0.286	0.248	0.884	1.912	2.790	2.953	2.092
461	4.60	0.294	-1.956	-4.015	-5.320	-5.619	-5.038	-3.976	-2.888	-2.089	-1.629
471	4.70	-1.334	-0.947	-0.291	0.627	1.625	2.442	2.871	2.848	2.472	1.934
481	4.80	1.425	1.054	0.826	0.669	0.498	0.263	-0.020	-0.290	-0.465	-0.479
491	4.90	-0.305	0.031	0.449	0.817	0.979	0.791	0.190	-0.759	-1.846	-2.757

Table 7—52—2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-3.182	-2.948	-2.115	-0.991	-0.027	0.352	-0.067	-1.179	-2.593	-3.779
511	5.10	-4.290	-3.935	-2.848	-1.415	-0.098	0.758	1.045	0.902	0.618	0.482
521	5.20	0.667	1.177	1.879	2.581	3.100	3.304	3.114	2.491	1.443	0.050
531	5.30	-1.499	-2.910	-3.830	-3.960	-3.476	-1.608	0.373	2.264	3.606	4.143
541	5.40	3.898	3.144	2.267	1.610	1.340	1.417	1.646	1.787	1.663	1.218
551	5.50	0.503	-0.368	-1.284	-2.155	-2.917	-3.495	-3.792	-3.700	-3.151	-2.159
561	5.60	-0.851	0.550	1.788	2.650	3.021	2.902	2.383	1.593	0.653	-0.341
571	5.70	-1.307	-2.161	-2.806	-3.150	-3.143	-2.813	-2.276	-1.704	-1.260	-1.032
581	5.80	-0.993	-1.011	-0.912	-0.554	0.104	0.986	1.925	2.724	3.223	3.338
591	5.90	3.066	2.466	1.633	0.680	-0.264	-1.052	-1.537	-1.611	-1.256	-0.585
601	6.00	0.165	0.695	0.749	0.232	-0.733	-1.815	-2.589	-2.689	-1.957	-0.505
611	6.10	1.314	3.039	4.269	4.794	4.648	4.057	3.321	2.683	2.249	1.974
621	6.20	1.719	1.343	0.767	0.003	-0.868	-1.740	-2.519	-3.143	-3.568	-3.762
631	6.30	-3.710	-3.434	-3.019	-2.618	-2.412	-2.538	-3.005	-3.660	-4.214	-4.344
641	6.40	-3.834	-2.670	-1.073	0.585	1.920	2.685	2.851	2.586	2.151	1.754
651	6.50	1.466	1.200	0.812	0.202	-0.593	-1.394	-1.958	-2.108	-1.826	-1.273
661	6.60	-0.712	-0.329	-0.369	-0.593	-0.830	-0.843	-0.498	0.171	0.991	1.731
671	6.70	2.205	2.335	2.147	1.716	1.113	0.371	-0.484	-1.392	-2.221	-2.786
681	6.80	-2.921	-2.569	-1.833	-0.955	-0.217	0.194	0.274	0.210	0.285	0.731
691	6.90	1.608	2.770	3.940	4.846	5.348	5.483	5.401	5.240	5.013	4.577
701	7.00	3.726	2.345	0.544	-1.311	-2.716	-3.247	-2.772	-1.567	-0.131	0.844
711	7.10	0.958	0.194	-1.060	-2.185	-2.633	-2.172	-0.990	0.404	1.434	1.726
721	7.20	1.275	0.428	-0.305	-0.504	-0.040	0.872	1.788	2.249	1.990	1.045
731	7.30	-0.301	-1.655	-2.706	-3.341	-3.657	-3.864	-4.146	-4.556	-4.989	-5.240
741	7.40	-5.121	-4.552	-3.603	-2.458	-1.322	-0.360	0.457	1.135	1.801	2.526
751	7.50	3.300	4.026	4.568	4.803	4.674	4.204	3.483	2.631	1.759	0.949
761	7.60	0.252	-0.310	-0.736	-1.046	-1.291	-1.543	-1.881	-2.353	-2.940	-3.536
771	7.70	-3.984	-4.026	-3.575	-2.589	-1.194	0.354	1.737	2.666	2.950	2.552
781	7.80	1.562	0.173	-1.368	-2.793	-3.838	-4.257	-3.862	-2.570	-0.472	2.148
791	7.90	4.831	7.056	8.388	8.632	7.908	6.613	5.274	4.343	4.025	4.212
801	8.00	4.555	4.642	4.187	3.163	1.786	0.401	-0.696	-1.387	-1.752	-1.976
811	8.10	-2.200	-2.409	-2.416	-1.976	-0.945	0.578	2.243	3.569	4.154	3.659
821	8.20	2.880	1.651	0.629	0.073	-0.081	-0.167	-0.597	-1.617	-3.167	-4.789
831	8.30	-6.000	-6.352	-5.741	-4.443	-2.989	-1.917	-1.530	-1.775	-2.302	-2.654
841	8.40	-2.509	-1.830	-0.878	-0.069	0.227	-0.136	-1.033	-2.129	-3.040	-3.483
851	8.50	-3.366	-2.789	-1.968	-1.146	-0.525	-0.238	-0.344	-0.830	-1.587	-2.402
861	8.60	-2.972	-2.975	-2.185	-0.598	1.512	3.643	5.223	5.828	5.556	4.077
871	8.70	2.563	1.350	0.905	1.271	2.171	3.140	3.752	3.806	3.391	2.816
881	8.80	2.399	2.327	2.547	2.815	2.836	2.417	1.579	0.517	-0.497	-1.269
891	8.90	-1.770	-2.134	-2.562	-3.186	-3.969	-4.707	-5.111	-4.955	-4.195	-3.007
901	9.00	-1.733	-0.745	-0.304	-0.469	-1.093	-1.890	-2.557	-2.869	-2.747	-2.249
911	9.10	-1.535	-0.804	-0.241	0.019	-0.081	-0.519	-1.183	-1.494	-2.438	-2.621
921	9.20	-2.335	-1.597	-0.561	0.530	1.420	1.932	2.030	1.831	1.551	1.426
931	9.30	1.613	2.131	2.849	3.536	3.935	3.850	3.207	2.071	0.625	-0.892
941	9.40	-2.249	-3.286	-3.938	-4.234	-4.258	-4.089	-3.759	-3.226	-2.394	-1.169
951	9.50	0.469	2.608	4.395	6.080	7.121	7.287	6.551	5.107	3.308	1.555
961	9.60	0.165	-0.724	-1.169	-1.365	-1.534	-1.813	-2.181	-2.474	-2.458	-1.946
971	9.70	-0.907	0.495	1.930	3.002	3.391	2.962	1.816	0.257	-1.313	-2.539
981	9.80	-3.222	-3.381	-3.215	-3.004	-2.981	-3.234	-3.671	-4.074	-4.203	-3.912
991	9.90	-3.221	-2.319	-1.486	-0.995	-1.002	-1.506	-2.357	-3.318	-4.143	-4.638

Table 7—52—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	-4.687	-4.256	-3.377	-2.140	-0.682	0.832	2.241	3.441	4.419	5.261
1011	10.10	6.097	7.013	7.949	8.673	8.337	8.121	6.410	5.900	1.078	-1.440
1021	10.20	-3.154	-3.880	-3.817	-3.423	-3.167	-3.280	-3.634	-3.825	-3.419	-2.236
1031	10.30	-0.498	1.237	2.354	2.520	1.897	1.106	0.228	1.882	3.906	6.318
1041	10.40	8.092	8.336	6.734	3.720	0.293	-2.450	-3.819	-3.831	-3.150	-2.704
1051	10.50	-3.177	-4.651	-6.579	-8.091	-8.479	-7.579	-5.863	-4.186	-3.313	-3.517
1061	10.60	-4.410	-5.138	-4.822	-3.008	0.102	3.742	6.945	8.978	9.620	9.167
1071	10.70	8.183	7.156	6.265	5.363	4.178	2.580	0.744	-0.885	-1.823	-1.818
1081	10.80	-1.000	0.186	1.248	1.953	2.497	3.417	5.276	8.281	12.032	15.570
1091	10.90	17.724	17.596	16.986	10.690	5.312	0.771	-2.199	-3.553	-3.126	-2.335
1101	11.00	-1.747	-1.761	-2.209	-2.707	-2.774	-2.196	-1.552	-0.072	0.601	0.663
1111	11.10	0.262	-0.206	-0.345	-0.012	0.523	0.677	-0.200	-2.496	-6.121	-10.484
1121	11.20	-14.695	-17.900	-19.527	-19.680	-18.559	-16.726	-14.580	-12.240	-9.560	-6.306
1131	11.30	-2.391	1.972	6.286	9.953	12.524	13.888	14.302	14.216	14.022	13.825
1141	11.40	13.390	12.286	10.162	7.007	3.261	-0.314	-2.922	-4.063	-3.746	-2.460
1151	11.50	-0.953	0.096	0.326	-0.221	-1.214	-2.248	-3.039	-3.482	-3.587	-3.342
1161	11.60	-2.644	-1.348	0.566	2.822	4.801	5.709	4.899	2.225	-1.770	-5.995
1171	11.70	-9.122	-10.182	-8.930	-5.972	-2.522	0.085	0.919	-0.222	-2.809	-5.859
1181	11.80	-8.358	-9.619	-9.440	-8.052	-5.925	-3.565	-1.391	0.288	1.257	1.407
1191	11.90	0.782	-0.358	-1.550	-2.247	-2.039	-0.855	0.965	2.809	4.087	4.558
1201	12.00	4.488	4.527	5.353	7.238	9.781	11.982	12.655	11.002	7.065	1.806
1211	12.10	-5.248	-6.652	-7.674	-6.593	-4.531	-2.879	-2.615	-3.843	-5.784	-7.208
1221	12.20	-7.090	-5.155	-2.031	1.037	2.830	2.653	0.730	-1.976	-4.232	-5.112
1231	12.30	-4.396	-2.604	-0.687	0.458	0.403	-0.665	-2.099	-3.151	-3.334	-2.614
1241	12.40	-1.362	-0.125	0.663	0.858	0.620	0.269	0.078	0.118	0.229	0.110
1251	12.50	-0.516	-1.758	-3.496	-5.411	-7.036	-8.138	-8.306	-7.506	-5.829	-3.506
1261	12.60	-0.863	1.729	3.915	5.408	6.048	5.837	4.949	3.700	2.477	1.637
1271	12.70	1.415	1.843	2.732	3.703	4.301	4.132	3.019	1.090	-1.220	-3.280
1281	12.80	-4.466	-4.378	-2.993	-0.680	1.934	4.205	5.724	6.454	6.714	6.982
1291	12.90	7.643	8.765	10.060	10.999	11.072	10.049	8.105	5.768	3.691	2.364
1301	13.00	1.917	2.082	2.342	2.185	1.320	-0.225	-2.178	-4.198	-6.051	-7.689
1311	13.10	-9.191	-10.625	-11.908	-12.784	-12.924	-12.105	-10.374	-8.075	-5.715	-3.726
1321	13.20	-2.239	-1.007	0.484	2.722	5.904	9.705	13.386	16.048	16.999	16.049
1331	13.30	13.595	10.441	7.462	5.253	3.926	3.146	2.361	1.117	-0.721	-2.910
1341	13.40	-4.973	-6.440	-7.073	-6.960	-6.446	-5.966	-5.847	-6.194	-6.882	-7.656
1351	13.50	-8.253	-8.504	-8.370	-7.916	-7.262	-6.535	-5.834	-5.206	-4.621	-3.962
1361	13.60	-3.031	-1.606	0.459	3.075	5.958	8.581	10.402	11.080	10.659	9.577
1371	13.70	8.490	7.941	8.058	8.422	8.226	6.662	3.389	-1.181	-5.927	-9.418
1381	13.80	-10.515	-8.881	-5.160	-0.717	2.959	4.899	5.043	4.190	3.527	3.982
1391	13.90	5.737	8.143	10.072	10.546	9.280	6.884	4.586	3.619	4.578	7.075
1401	14.00	9.866	11.399	10.526	7.027	1.714	-3.920	-8.333	-10.540	-10.429	-8.672
1411	14.10	-6.332	-4.374	-3.318	-5.168	-5.560	-4.139	-4.563	-4.750	-4.679	-4.270
1421	14.20	-3.337	-1.675	0.766	3.718	6.584	8.603	9.141	7.964	5.362	2.053
1431	14.30	-1.093	-3.387	-4.548	-4.750	-4.476	-4.275	-4.542	-5.408	-6.769	-8.394
1441	14.40	-10.062	-11.513	-12.666	-13.280	-13.257	-12.475	-10.979	-9.031	-7.076	-5.615
1451	14.50	-4.992	-5.215	-5.695	-6.356	-5.880	-4.008	-0.744	3.406	7.603	10.974
1461	14.60	12.913	13.274	12.371	10.811	9.226	8.039	7.354	6.997	6.676	6.171
1471	14.70	5.445	4.639	3.944	3.439	2.975	2.183	0.623	-1.999	-5.642	-9.863
1481	14.80	-13.930	-17.070	-18.742	-18.825	-17.620	-15.678	-13.530	-11.463	-9.442	-7.227
1491	14.90	-4.607	-1.620	1.376	3.826	5.258	5.560	5.107	4.661	4.940	6.441

Table 7—52—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	8.985	11.853	14.062	14.813	13.856	11.606	8.947	6.817	5.797	5.888
1511	15.10	6.584	7.175	7.116	6.250	4.783	3.056	1.255	-0.735	-3.244	-6.534
1521	15.20	-10.487	-14.475	-17.513	-18.664	-17.492	-14.342	-10.252	-6.551	-4.298	-3.838
1531	15.30	-4.705	-5.892	-6.360	-5.521	-3.455	-0.765	1.826	3.907	5.604	7.468
1541	15.40	10.105	13.744	17.986	21.881	24.297	24.396	21.992	17.613	12.256	6.978
1551	15.50	2.517	-0.878	-3.373	-5.297	-6.893	-8.189	-9.042	-9.297	-8.961	-8.154
1561	15.60	-7.233	-6.451	-5.938	-5.669	-5.544	-5.498	-5.554	-5.770	-6.113	-6.352
1571	15.70	-6.065	-4.799	-2.308	1.245	5.253	8.859	11.297	12.230	11.909	11.060
1581	15.80	10.555	10.992	12.424	14.326	15.846	16.189	14.951	12.237	8.668	4.799
1591	15.90	1.231	-1.849	-4.525	-7.009	-9.450	-11.896	-14.243	-16.456	-18.619	-20.927
1601	16.00	-23.549	-26.431	-29.179	-31.100	-31.424	-29.620	-25.661	-19.991	-13.563	-7.330
1611	16.10	-2.022	2.059	5.020	7.187	8.872	10.214	11.170	11.664	11.639	11.361
1621	16.20	11.058	11.050	11.348	11.672	11.517	10.384	8.066	4.727	1.082	-2.010
1631	16.30	-3.766	-3.796	-2.247	0.259	2.853	4.735	5.431	4.921	3.595	2.080
1641	16.40	1.009	0.817	1.620	3.211	5.162	6.989	8.327	9.061	9.366	9.626
1651	16.50	10.288	11.646	13.693	16.069	18.155	19.285	18.993	17.197	14.250	10.818
1661	16.60	7.645	5.297	3.987	3.561	3.513	3.382	2.742	1.415	-0.544	-2.922
1671	16.70	-5.459	-7.927	-10.157	-12.030	-13.442	-14.295	-14.517	-14.096	-13.105	-11.704
1681	16.80	-10.100	-8.499	-7.065	-5.892	-5.015	-4.425	-4.090	-3.980	-4.074	-4.380
1691	16.90	-4.944	-5.843	-7.157	-8.902	-10.986	-13.067	-14.782	-15.654	-15.354	-13.824
1701	17.00	-11.324	-8.360	-5.496	-3.127	-1.344	0.061	1.426	2.972	4.598	5.849
1711	17.10	6.078	4.750	1.746	-2.682	-6.998	-10.682	-12.624	-12.432	-10.341	-7.062
1721	17.20	-3.475	-0.288	2.185	4.649	5.679	7.493	9.742	12.426	15.321	18.090
1731	17.30	20.403	22.021	22.819	22.780	21.973	20.531	18.637	16.479	14.203	11.859
1741	17.40	9.395	6.707	3.753	0.669	-2.284	-4.597	-5.891	-6.017	-5.206	-4.035
1751	17.50	-3.228	-3.362	-4.618	-6.693	-8.936	-10.627	-11.319	-11.010	-10.134	-9.329
1761	17.60	-9.120	-9.662	-10.670	-11.595	-11.693	-10.706	-8.608	-5.727	-2.780	-0.130
1771	17.70	1.884	3.269	4.256	5.170	6.286	7.735	9.468	11.276	12.834	13.772
1781	17.80	13.755	12.583	10.280	7.130	3.641	0.605	-2.095	-3.656	-4.420	-4.791
1791	17.90	-5.228	-6.003	-7.056	-8.007	-8.348	-7.715	-6.102	-3.908	-1.777	-0.308
1801	18.00	0.219	-0.033	-0.551	-0.737	-0.205	1.030	2.581	3.907	4.603	4.619
1811	18.10	4.227	4.098	4.512	5.612	7.082	8.325	8.741	8.009	6.227	3.868
1821	18.20	1.568	-0.236	-1.305	-1.817	-2.118	-2.511	-3.069	-3.585	-3.692	-3.095
1831	18.30	-1.789	-0.169	1.060	1.120	-0.537	-3.980	-8.727	-13.875	-18.388	-21.641
1841	18.40	-22.674	-22.284	-20.897	-19.297	-18.115	-17.599	-17.551	-17.459	-16.738	-15.001
1851	18.50	-12.221	-8.736	-5.100	-1.853	0.683	2.497	3.868	5.106	6.576	8.381
1861	18.60	10.436	12.547	14.524	16.283	17.865	19.372	20.868	22.297	23.467	24.105
1871	18.70	23.984	22.919	21.022	18.686	15.627	12.767	10.159	7.935	6.085	4.472
1881	18.80	2.869	1.020	-1.277	-4.092	-7.309	-10.644	-13.723	-16.218	-17.979	-19.087
1891	18.90	-19.801	-20.398	-20.979	-21.348	-21.030	-19.460	-16.265	-11.505	-5.759	0.027
1901	19.00	4.865	8.102	9.669	10.092	10.238	10.923	12.540	14.885	17.253	18.760
1911	19.10	18.620	16.831	13.655	8.475	3.704	-0.675	-4.363	-7.240	-9.436	-10.999
1921	19.20	-11.920	-12.152	-11.688	-10.638	-9.218	-7.656	-6.062	-4.362	-2.511	0.373
1931	19.30	3.824	7.890	12.113	15.866	18.457	19.528	18.975	17.025	14.087	10.593
1941	19.40	6.864	3.078	-0.677	-4.309	-7.652	-10.465	-12.499	-13.595	-13.766	-13.192
1951	19.50	-12.173	-10.990	-9.809	-8.614	-7.241	-5.465	-3.128	-0.243	2.965	6.105
1961	19.60	8.722	10.437	11.064	10.666	9.531	8.066	6.654	5.534	4.710	3.976
1971	19.70	2.996	1.447	-0.765	-3.618	-6.795	-9.866	-12.421	-14.177	-15.043	-15.115
1981	19.80	-14.591	-13.687	-12.565	-11.510	-9.957	-8.542	-7.132	-5.832	-4.758	-3.987
1991	19.90	-3.534	-3.361	-3.312	-3.363	-3.358	-3.307	-3.151	-2.833	-2.246	-1.349

Table 7—52—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	0.000	1.804	3.999	6.445	8.968	11.416	13.708	15.854	17.938	20.065
2011	20.10	22.303.	24.619	26.863	28.777	30.042	30.360	29.526	27.496	24.402	20.530
2021	20.20	16.242	11.874	7.651	3.634	-0.266	-4.217	-8.356	-12.690	-17.064	-21.165
2031	20.30	-24.614	-27.072	-28.331	-28.360	-27.291	-25.357	-22.830	-19.961	-16.956	-13.968
2041	20.40	-11.102	-8.411	-5.898	-3.518	-1.201	1.097	3.351	5.441	7.170	8.334
2051	20.50	8.801	8.584	7.865	6.863	5.837	4.992	4.343	3.832	3.387	3.006
2061	20.60	2.703	2.857	3.298	4.009	4.699	4.964	4.457	3.070	1.029	-1.160
2071	20.70	-2.892	-3.726	-3.579	-2.780	-1.934	-1.662	-2.319	-3.833	-5.725	-7.309
2081	20.80	-7.978	-7.452	-5.878	-3.753	-1.713	-0.283	0.281	0.693	-0.552	-1.239
2091	20.90	-1.638	-1.588	-1.114	-0.584	0.363	0.867	0.901	0.298	-1.004	-2.927
2101	21.00	-5.233	-7.556	-9.483	-10.679	-11.004	-10.558	-9.645	-8.640	-7.634	-7.308
2111	21.10	-6.912	-6.348	-5.325	-3.708	-1.597	0.711	2.849	4.537	5.699	6.471
2121	21.20	7.122	7.910	8.953	10.176	11.361	12.163	12.432	12.101	11.305	10.293
2131	21.30	9.330	8.598	8.130	7.819	7.470	6.883	5.940	4.658	3.202	1.843
2141	21.40	0.879	0.538	0.895	1.830	3.053	4.196	4.939	5.127	4.831	4.309
2151	21.50	3.895	3.838	4.180	4.716	5.064	4.823	3.763	1.831	-0.650	-3.290
2161	21.60	-5.700	-7.653	-9.132	-10.280	-11.264	-12.154	-12.866	-13.203	-13.000	-12.238
2171	21.70	-11.116	-10.006	-9.300	-9.338	-9.785	-10.625	-11.290	-11.356	-10.608	-9.150
2181	21.80	-7.322	-5.556	-4.186	-3.310	-2.776	-2.272	-1.486	-0.250	1.378	3.158
2191	21.90	4.771	5.947	6.568	6.692	6.507	6.255	6.147	6.318	6.826	7.670
2201	22.00	8.823	10.246	11.883	13.636	15.357	16.837	17.830	18.092	17.426	15.734
2211	22.10	13.047	9.544	5.534	1.402	-2.674	-5.812	-8.507	-10.660	-12.531	-14.434
2221	22.20	-16.593	-19.023	-21.481	-23.516	-24.613	-24.369	-22.640	-19.596	-15.659	-11.360
2231	22.30	-7.165	-3.359	-0.005	2.995	5.783	8.448	10.971	13.252	15.177	16.689
2241	22.40	17.816	18.645	19.255	19.653	19.754	19.414	18.504	16.985	14.933	12.520
2251	22.50	9.940	7.341	4.794	2.313	-0.084	-2.308	-4.185	-5.507	-6.128	-6.067
2261	22.60	-5.555	-4.998	-4.849	-5.452	-6.911	-9.048	-11.467	-13.695	-15.349	-16.243
2271	22.70	-16.426	-16.105	-15.557	-14.972	-14.422	-13.860	-13.083	-12.009	-10.542	-8.703
2281	22.80	-6.595	-4.368	-2.370	-1.115	1.735	3.375	4.868	6.229	7.608	9.068
2291	22.90	10.649	12.329	14.013	15.545	16.742	17.446	17.561	17.083	16.088	14.697
2301	23.00	13.035	11.193	9.211	7.100	4.871	2.575	0.321	-1.726	-3.390	-4.530
2311	23.10	-5.094	-5.150	-4.874	-4.503	-4.262	-4.284	-4.555	-4.908	-5.074	-4.772
2321	23.20	-3.825	-2.246	-0.260	1.743	3.321	4.122	4.006	3.085	1.693	0.270
2331	23.30	-0.788	-1.247	-1.096	-0.527	0.158	0.654	0.752	0.381	-0.402	-1.466
2341	23.40	-2.661	-3.866	-5.000	-6.018	-6.893	-7.611	-8.165	-8.570	-8.860	-9.077
2351	23.50	-9.254	-9.385	-9.428	-9.315	-8.982	-8.410	-7.630	-6.723	-5.776	-4.844
2361	23.60	-3.918	-2.959	-1.827	-0.543	0.870	2.275	3.478	4.294	4.630	4.540
2371	23.70	4.224	3.982	4.119	4.842	6.181	7.968	9.875	11.517	12.565	12.854
2381	23.80	12.429	11.530	10.492	9.619	9.063	8.751	8.402	7.628	6.081	3.601
2391	23.90	0.295	-3.472	-7.185	-10.340	-12.584	-13.809	-14.131	-13.806	-13.087	-12.146
2401	24.00	-11.001	-9.571	-7.744	-5.421	-2.811	0.080	2.990	5.722	8.136	10.153
2411	24.10	11.736	12.863	13.516	13.691	13.419	12.775	11.864	10.776	9.542	8.117
2421	24.20	6.411	4.352	1.955	-0.642	-3.218	-5.548	-7.509	-9.137	-10.599	-12.098
2431	24.30	-13.752	-15.403	-16.816	-17.591	-17.436	-16.283	-14.362	-12.098	-9.938	-8.158
2441	24.40	-6.747	-5.437	-3.860	-1.744	0.931	3.918	6.819	9.282	11.169	12.599
2451	24.50	13.861	15.221	16.738	18.185	19.122	19.088	17.822	15.401	12.231	8.889
2461	24.60	5.903	3.565	1.868	0.584	-0.575	-1.793	-3.072	-4.268	-5.210	-5.826
2471	24.70	-6.208	-6.572	-7.141	-8.018	-9.119	-10.203	-10.983	-11.262	-11.026	-10.432
2481	24.80	-9.722	-9.088	-8.569	-8.033	-7.247	-6.003	-4.238	-2.087	0.163	2.177
2491	24.90	3.702	4.655	5.127	5.320	5.429	5.554	5.656	5.595	5.217	4.453

Table 7—52—6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	3.379	2.207	1.206	0.585	0.402	0.515	0.635	0.439	-0.284	-1.528
2511	25.10	-3.043	-4.410	-5.198	-5.136	-4.232	-2.791	-1.305	-0.277	-0.027	-0.572
2521	25.20	-1.626	-2.716	-3.369	-3.284	-2.429	-1.032	0.533	1.893	2.806	3.215
2531	25.30	3.230	3.051	2.682	2.876	3.107	3.588	4.288	5.142	6.050	6.877
2541	25.40	7.470	7.690	7.467	6.831	5.903	4.857	3.842	2.921	2.043	1.077
2551	25.50	-0.117	-1.612	-3.364	-5.208	-6.917	-8.268	-9.105	-9.368	-9.089	-8.358
2561	25.60	-7.293	-6.024	-4.678	-3.374	-2.201	-1.198	-0.337	0.459	1.270	2.119
2571	25.70	2.922	3.489	3.594	3.076	1.940	0.393	-1.206	-2.479	-3.182	-3.311
2581	25.80	-3.100	-2.911	-3.059	-3.660	-4.566	-5.418	-5.808	-5.446	-4.280	-2.505
2591	25.90	-0.465	1.491	3.140	4.433	5.453	6.329	7.138	7.865	8.419	8.698
2601	26.00	8.642	8.266	7.640	6.866	5.965	4.965	3.930	2.885	1.902	1.052
2611	26.10	0.359	-0.236	-0.872	-1.700	-2.794	-4.082	-5.360	-6.271	-6.638	-6.387
2621	26.20	-5.695	-4.910	-4.100	-4.379	-4.801	-5.362	-5.642	-5.292	-4.204	-2.572
2631	26.30	-0.811	0.624	1.434	1.608	1.413	1.275	1.588	2.549	4.092	5.924
2641	26.40	7.657	8.947	9.589	9.534	8.860	7.594	5.861	3.688	1.143	-1.634
2651	26.50	-4.410	-6.900	-8.845	-10.098	-10.673	-10.725	-10.466	-10.055	-9.538	-8.816
2661	26.60	-7.715	-6.092	-3.922	-1.345	1.388	3.909	5.030	7.611	8.658	9.254
2671	26.70	9.478	9.356	8.872	8.017	6.856	5.557	4.354	3.443	2.870	2.460
2681	26.80	1.854	0.643	-1.444	-4.327	-7.774	-10.987	-13.317	-14.263	-13.605	-11.632
2691	26.90	-8.634	-5.793	-2.955	-0.513	1.589	3.549	5.558	7.698	9.916	12.074
2701	27.00	14.031	15.688	16.990	17.871	18.213	17.868	16.653	14.556	11.819	8.832
2711	27.10	6.087	3.979	2.629	1.869	1.077	-0.114	-2.077	-4.723	-7.796	-10.527
2721	27.20	-12.383	-13.658	-12.525	-11.182	-9.682	-7.836	-6.271	-5.421	-4.620	-4.023
2731	27.30	-3.676	-3.686	-4.130	-4.950	-5.922	-6.717	-7.051	-6.850	-6.205	-5.519
2741	27.40	-5.136	-5.251	-5.794	-6.438	-6.782	-6.655	-5.967	-4.035	-2.580	-1.402
2751	27.50	-0.695	-0.283	0.202	1.140	2.720	4.827	7.069	8.951	10.082	10.342
2761	27.60	9.914	9.167	8.471	8.012	7.714	7.298	6.437	4.940	2.861	0.494
2771	27.70	-1.743	-3.486	-4.565	-5.054	-5.213	-5.358	-5.720	-6.360	-7.184	-8.013
2781	27.80	-8.693	-9.162	-9.459	-9.669	-9.861	-9.933	-9.818	-9.356	-8.381	-6.964
2791	27.90	-5.216	-3.328	-1.472	0.281	1.975	3.716	5.589	7.568	9.495	11.127
2801	28.00	12.236	12.721	12.681	12.287	11.881	11.642	11.593	11.562	11.266	10.631
2811	28.10	8.937	6.866	4.475	2.116	0.093	-1.424	-2.426	-3.023	-3.376	-3.607
2821	28.20	-3.746	-3.917	-3.981	-3.968	-3.889	-3.765	-3.612	-3.431	-3.221	-3.005
2831	28.30	-2.860	-2.811	-2.984	-3.356	-3.818	-4.143	-4.151	-3.597	-2.457	-0.861
2841	28.40	0.918	2.556	3.783	4.461	4.613	4.382	3.951	3.447	2.988	2.482
2851	28.50	1.864	1.048	0.002	-1.226	-2.510	-3.665	-4.695	-4.833	-4.606	-4.845
2861	28.60	-2.712	-1.457	-0.354	0.384	0.679	0.612	0.389	0.249	0.358	0.732
2871	28.70	1.225	1.614	1.664	1.276	0.505	-0.465	-1.410	-2.170	-2.702	-3.069
2881	28.80	-3.367	-3.646	-3.860	-3.889	-3.617	-3.023	-2.225	-1.455	-0.966	-0.912
2891	28.90	-1.272	-1.859	-2.401	-2.671	-2.590	-2.257	-1.894	-1.739	-1.935	-2.478
2901	29.00	-3.231	-3.998	-4.605	-4.952	-5.013	-4.801	-4.321	-3.558	-2.490	-1.122
2911	29.10	0.491	2.255	4.048	5.865	7.624	9.341	10.969	12.368	13.311	13.553
2921	29.20	12.968	11.565	9.612	7.577	5.816	4.647	3.922	3.355	2.523	1.111
2931	29.30	-0.920	-3.275	-5.554	-6.822	-7.703	-8.244	-8.558	-8.587	-8.672	-8.729
2941	29.40	1.609	3.119	4.487	5.884	5.551	5.400	6.095	6.141	3.931	3.551
2951	29.50	3.115	2.708	2.344	1.985	1.572	1.100	0.614	0.198	-0.078	-0.203
2961	29.60	-0.241	-0.302	-0.484	-0.826	-1.285	-1.774	-2.216	-2.608	-3.032	-3.430
2971	29.70	-4.527	-5.760	-7.227	-8.701	-9.891	-10.536	-10.485	-9.744	-8.486	-6.905
2981	29.80	-5.361	-4.006	-3.029	-2.405	-1.994	-1.554	-0.806	0.486	2.621	4.901
2991	29.90	7.624	10.149	12.026	12.941	12.836	11.936	10.664	9.497	8.766	8.538

Table 7—52—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	8.599	8.565	8.059	6.892	5.153	3.177	1.403	0.187	-0.334	-0.282
3011	30.10	0.042	0.314	0.331	0.087	-0.266	-0.528	-0.589	-0.510	-0.509	-0.862
3021	30.20	-1.765	-3.234	-5.080	-6.989	-8.644	-9.846	-10.572	-10.954	-11.185	-11.418
3031	30.30	-11.702	-11.972	-12.105	-11.991	-11.586	-10.915	-10.042	-9.015	-7.834	-6.459
3041	30.40	-4.854	-3.041	-1.136	0.670	2.155	3.144	3.565	3.470	3.009	2.375
3051	30.50	1.743	1.227	0.876	0.681	0.613	0.639	0.740	0.963	1.167	1.522
3061	30.60	2.008	2.651	3.460	4.406	5.402	6.308	6.959	7.216	7.007	6.359
3071	30.70	5.388	4.254	3.103	2.018	1.012	0.050	-0.893	-1.792	-2.556	-3.062
3081	30.80	-3.213	-3.000	-2.518	-1.943	-1.457	-1.165	-1.039	-0.938	-0.655	-0.013
3091	30.90	1.030	2.368	3.764	4.933	5.638	5.773	5.577	4.614	3.700	2.842
3101	31.00	2.185	1.803	1.712	1.895	2.313	2.911	3.606	4.286	4.822	5.102
3111	31.10	5.062	4.715	4.146	3.481	2.835	2.271	1.772	1.258	0.624	-0.209
3121	31.20	-1.257	-2.457	-3.694	-4.835	-5.772	-6.445	-6.840	-6.988	-6.926	-6.691
3131	31.30	-6.315	-5.832	-5.282	-4.716	-4.175	-3.687	-3.244	-2.815	-2.357	-1.843
3141	31.40	-1.280	-0.708	-0.183	0.256	0.603	0.913	1.262	1.719	2.302	2.955
3151	31.50	3.563	3.980	4.086	3.829	3.237	2.401	1.435	0.433	-0.558	-1.532
3161	31.60	-2.503	-3.468	-4.396	-5.220	-5.869	-6.294	-6.492	-6.498	-6.372	-6.165
3171	31.70	-5.896	-5.555	-5.117	-4.569	-3.927	-3.234	-2.540	-1.868	-1.196	-0.458
3181	31.80	0.433	1.541	2.878	4.588	5.960	7.469	8.807	9.916	10.784	11.435
3191	31.90	11.889	12.164	12.251	12.134	11.804	11.261	10.520	9.594	8.489	7.203
3201	32.00	5.742	4.137	2.460	0.820	-0.662	-1.888	-2.819	-3.482	-3.959	-4.350
3211	32.10	-4.736	-5.132	-5.511	-5.797	-5.913	-5.812	-5.488	-4.979	-4.349	-3.674
3221	32.20	-3.026	-2.470	-2.058	-1.827	-1.782	-1.885	-2.057	-2.190	-2.187	-2.002
3231	32.30	-1.675	-1.317	-1.093	-1.142	-1.524	-2.175	-2.923	-3.535	-3.799	-3.593
3241	32.40	-2.923	-1.913	-0.760	0.336	1.218	1.805	2.084	2.088	1.870	1.484
3251	32.50	0.984	0.421	-0.159	-0.725	-1.284	-1.881	-2.590	-3.478	-4.552	-5.731
3261	32.60	-6.834	-7.625	-7.887	-7.502	-6.507	-5.096	-3.561	-2.188	-1.161	-0.499
3271	32.70	-0.055	0.415	1.146	2.246	3.738	5.371	6.692	8.042	8.668	8.770
3281	32.80	8.483	8.013	7.562	7.254	7.109	7.058	6.983	6.766	6.327	5.625
3291	32.90	4.655	3.628	1.975	0.351	-1.345	-2.965	-4.329	-5.269	-5.684	-5.577
3301	33.00	-5.068	-4.356	-3.652	-3.112	-2.798	-2.676	-2.660	-2.665	-2.648	-2.616
3311	33.10	-2.592	-2.572	-2.499	-2.275	-1.804	-1.059	-0.110	0.878	1.707	2.237
3321	33.20	2.444	2.438	2.414	2.556	2.956	3.571	4.265	4.789	5.061	5.019
3331	33.30	4.712	4.228	3.628	2.915	2.059	1.049	-0.045	-1.061	-1.800	-2.128
3341	33.40	-2.066	-1.823	-1.729	-2.095	-3.062	-4.519	-6.129	-7.475	-8.244	-8.373
3351	33.50	-8.075	-7.735	-7.709	-8.144	-8.888	-9.550	-9.678	-8.966	-7.399	-5.255
3361	33.60	-2.981	-0.989	0.513	1.586	2.493	3.538	4.895	6.514	8.138	9.421
3371	33.70	10.087	10.066	9.423	8.494	7.562	6.843	6.406	6.174	5.994	5.705
3381	33.80	5.193	4.415	3.384	2.151	0.795	-0.574	-1.811	-2.754	-3.249	-3.212
3391	33.90	-2.663	-1.742	-0.676	0.287	0.960	1.269	1.268	1.099	0.927	0.868
3401	34.00	0.950	1.107	1.213	1.139	0.801	0.188	-0.636	-1.554	-2.429	-3.137
3411	34.10	-3.594	-3.765	-3.665	-3.348	-2.891	-2.376	-1.873	-1.429	-1.064	-0.774
3421	34.20	-0.537	-0.328	-0.125	0.079	0.272	0.430	0.513	0.483	0.313	0.001
3431	34.30	-0.426	-0.903	-1.356	-1.700	-1.866	-1.809	-1.510	-0.967	-0.197	0.768
3441	34.40	1.871	3.014	4.061	4.859	5.272	5.239	4.811	4.147	3.476	3.013
3451	34.50	2.877	3.032	3.298	3.419	3.164	2.628	1.274	-0.093	-1.411	-2.465
3461	34.60	-3.263	-3.514	-3.730	-3.840	-3.912	-3.890	-3.653	-3.105	-2.243	-1.189
3471	34.70	-0.157	0.633	1.045	1.081	0.875	0.619	0.470	0.476	0.559	0.558
3481	34.80	0.310	-0.268	-1.139	-2.168	-3.175	-4.012	-4.602	-4.948	-5.097	-5.091
3491	34.90	-4.959	-4.618	-4.105	-3.420	-2.643	-1.902	-1.323	-0.980	-0.854	-0.868

Table 7—52—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-0.830	-0.708	-0.474	-0.218	-0.083	-0.191	-0.576	-1.162	-1.713	-2.080
3511	35.10	-2.099	-1.750	-1.139	-0.452	0.131	0.503	0.664	0.700	0.721	0.801
3521	35.20	0.965	1.098	1.196	1.216	1.203	1.259	1.485	1.929	2.551	3.236
3531	35.30	3.858	4.339	4.699	5.028	5.524	6.213	7.089	7.999	8.718	9.032
3541	35.40	8.824	8.117	7.054	5.822	4.608	3.479	2.463	1.450	0.454	-0.551
3551	35.50	-1.530	-2.440	-3.265	-4.038	-4.818	-5.648	-6.506	-7.282	-7.825	-7.990
3561	35.60	-7.715	-7.058	-6.178	-5.276	-4.510	-3.941	-3.527	-3.170	-2.779	-2.331
3571	35.70	-1.871	-1.481	-1.217	-1.064	-0.927	-0.683	-0.247	0.372	1.061	1.668
3581	35.80	1.982	2.012	1.810	1.565	1.404	1.505	1.858	2.279	2.658	2.750
3591	35.90	2.566	2.080	1.507	1.013	0.747	0.772	1.050	1.472	1.903	2.222
3601	36.00	2.352	2.268	1.980	1.522	0.932	0.246	-0.505	-1.294	-2.097	-2.887
3611	36.10	-3.628	-4.278	-4.784	-5.096	-5.171	-4.991	-4.567	-3.930	-3.126	-2.200
3621	36.20	-1.184	-0.102	1.023	2.157	3.250	4.241	5.077	5.719	6.158	6.397
3631	36.30	6.439	6.267	5.843	5.122	4.085	2.765	1.261	-0.282	-1.717	-2.938
3641	36.40	-3.918	-4.698	-5.355	-5.947	-6.463	-6.817	-6.871	-6.497	-5.639	-4.350
3651	36.50	-2.785	-1.161	0.320	1.523	2.414	3.049	3.530	3.952	4.359	4.724
3661	36.60	4.967	4.987	4.703	4.087	3.182	2.096	0.977	-0.015	-0.747	-1.140
3671	36.70	-1.183	-0.937	-0.509	-0.026	0.402	0.710	0.884	0.957	0.990	1.066
3681	36.80	1.170	1.380	1.672	2.016	2.371	2.675	2.855	2.836	2.510	1.937
3691	36.90	1.038	-0.085	-1.315	-2.517	-3.572	-4.408	-4.997	-5.352	-5.492	-5.432
3701	37.00	-5.172	-4.722	-4.118	-3.440	-2.804	-2.321	-2.054	-1.985	-2.011	-1.986
3711	37.10	-1.784	-1.362	-0.787	-0.212	0.187	0.294	0.103	-0.267	-0.624	-0.774
3721	37.20	-0.602	-0.102	0.633	1.464	2.272	2.995	3.637	4.232	4.799	5.311
3731	37.30	5.702	5.893	5.861	5.563	5.133	4.643	4.165	3.713	3.245	2.703
3741	37.40	2.052	1.313	0.564	-0.095	-0.592	-0.921	-1.141	-1.344	-1.600	-1.909
3751	37.50	-2.190	-2.518	-2.174	-1.713	-0.982	-0.113	0.732	1.422	1.895	2.167
3761	37.60	2.299	2.356	2.367	2.317	2.162	1.860	1.391	0.768	0.020	-0.822
3771	37.70	-1.738	-2.716	-3.722	-4.704	-5.575	-6.243	-6.665	-6.779	-6.715	-6.567
3781	37.80	-6.451	-6.430	-6.493	-6.555	-6.503	-6.241	-5.735	-5.021	-4.182	-3.318
3791	37.90	-2.504	-1.780	-1.152	-0.619	-0.184	0.146	0.374	0.535	0.701	0.969
3801	38.00	1.420	2.085	2.911	3.771	4.500	4.947	5.030	4.761	4.235	3.597
3811	38.10	2.993	2.530	2.253	2.153	2.173	2.237	2.260	2.167	1.900	1.433
3821	38.20	0.788	0.037	-0.695	-1.264	-1.539	-1.445	-0.996	-0.293	0.493	1.171
3831	38.30	1.580	1.630	1.322	0.737	0.007	-0.727	-1.356	-1.822	-2.139	-2.370
3841	38.40	-2.599	-2.902	-3.312	-3.807	-4.303	-4.685	-4.835	-4.671	-4.173	-3.383
3851	38.50	-2.397	-1.328	-0.278	0.690	1.558	2.363	3.079	3.794	4.498	5.182
3861	38.60	5.815	6.366	6.807	7.125	7.322	7.410	7.407	7.326	7.170	6.929
3871	38.70	6.586	6.150	5.576	4.965	4.383	3.923	3.660	3.613	3.723	3.857
3881	38.80	3.842	3.528	2.928	1.772	0.479	-0.876	-2.124	-3.158	-3.952	-4.549
3891	38.90	-5.026	-5.642	-5.820	-6.148	-6.401	-6.565	-6.657	-6.705	-6.722	-6.686
3901	39.00	-6.533	-6.185	-5.597	-4.792	-3.879	-3.014	-2.349	-1.966	-1.842	-1.881
3911	39.10	-1.866	-1.730	-1.415	-0.983	-0.559	-0.270	-0.183	-0.246	-0.469	-0.467
3921	39.20	-0.323	0.070	0.678	1.413	2.171	2.871	3.465	3.937	4.282	4.491
3931	39.30	4.556	4.476	4.266	3.963	3.618	3.256	2.868	2.406	1.807	1.030
3941	39.40	0.090	-0.931	-1.907	-2.712	-3.270	-3.591	-3.758	-3.890	-4.088	-4.378
3951	39.50	-4.699	-4.926	-4.918	-4.579	-3.903	-2.973	-1.960	-0.966	-0.175	0.383
3961	39.60	0.736	0.975	1.212	1.547	2.031	2.656	3.356	4.022	4.535	4.798
3971	39.70	4.769	4.473	4.003	3.685	3.039	2.733	2.556	2.429	2.239	1.898
3981	39.80	1.388	0.773	0.198	-0.216	-0.390	-0.350	-0.216	-0.147	-0.260	-0.570
3991	39.90	-0.975	-1.292	-1.352	-1.086	-0.570	-0.028	0.275	0.517	-0.565	-1.660

Table 7—52—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-2.921	-4.066	-4.882	-5.304	-5.413	-5.376	-5.352	-5.407	-5.487	-5.448
4011	40.10	-5.136	-4.663	-3.465	-2.295	-1.168	-0.285	0.230	0.363	0.196	-0.169
4021	40.20	-0.541	-0.893	-1.169	-1.369	-1.512	-1.614	-1.683	-1.716	-1.705	-1.637
4031	40.30	-1.494	-1.256	-0.896	-0.402	0.214	0.921	1.667	2.397	3.071	3.679
4041	40.40	4.233	4.756	5.257	5.722	6.109	6.369	6.457	6.402	6.205	5.922
4051	40.50	5.587	5.203	4.738	4.163	3.579	2.948	2.400	0.323	-0.690	-1.568
4061	40.60	-2.288	-2.864	-3.339	-3.746	-4.100	-4.387	-4.584	-4.675	-4.668	-4.592
4071	40.70	-4.485	-4.370	-4.246	-4.076	-3.811	-3.405	-2.836	-2.114	-1.270	-0.337
4081	40.80	0.661	1.719	2.841	4.019	5.212	6.341	7.298	7.974	8.290	8.231
4091	40.90	7.848	7.246	6.545	5.842	5.177	4.526	3.829	3.023	2.093	1.095
4101	41.00	0.150	-0.593	-1.020	-1.102	-0.925	-0.665	-0.538	-0.710	-1.235	-2.026
4111	41.10	-2.879	-3.546	-3.830	-3.659	-3.113	-2.395	-1.755	-1.402	-1.433	-1.813
4121	41.20	-2.410	-3.052	-3.602	-4.001	-4.272	-4.486	-4.709	-4.962	-5.205	-5.357
4131	41.30	-5.357	-5.111	-4.709	-4.221	-3.758	-3.409	-3.195	-3.068	-2.928	-2.668
4141	41.40	-2.224	-1.605	-0.897	-0.229	0.275	0.566	0.598	0.522	0.449	0.500
4151	41.50	0.745	1.174	1.716	2.275	2.773	3.186	3.550	3.936	4.410	4.996
4161	41.60	5.661	6.320	6.877	7.262	7.451	7.470	7.371	7.122	6.937	6.571
4171	41.70	6.042	5.319	4.420	3.418	2.418	1.515	0.756	0.123	-0.456	-1.054
4181	41.80	-1.724	-2.465	-3.137	-3.695	-4.033	-4.124	-4.013	-3.787	-3.560	-3.323
4191	41.90	-3.133	-2.917	-2.621	-2.223	-1.760	-1.320	-1.007	-0.887	-0.964	-1.167
4201	42.00	-1.385	-1.513	-1.496	-1.348	-1.143	-0.973	-0.904	-0.949	-1.060	-1.152
4211	42.10	-1.135	-0.952	-0.586	-0.063	0.566	1.236	1.891	2.674	2.928	3.196
4221	42.20	3.231	3.007	2.526	1.824	0.956	-0.015	-1.035	-2.057	-3.030	-3.890
4231	42.30	-4.552	-4.923	-4.937	-4.584	-3.936	-3.131	-2.337	-1.686	-1.229	-0.916
4241	42.40	-0.626	-0.230	0.339	1.044	1.744	2.248	2.395	2.112	1.451	0.553
4251	42.50	-0.401	-1.264	-1.959	-2.477	-2.841	-3.063	-3.115	-2.940	-2.489	-1.766
4261	42.60	-0.868	0.128	1.018	1.732	2.265	2.699	3.148	3.694	4.335	4.984
4271	42.70	5.501	5.771	5.761	5.542	5.258	5.060	5.034	5.160	5.329	5.398
4281	42.80	5.265	4.921	4.451	3.986	3.633	3.417	3.258	3.010	2.528	1.759
4291	42.90	0.679	-0.524	-1.709	-2.755	-3.633	-4.415	-5.228	-6.182	-7.308	-8.528
4301	43.00	-9.677	-10.563	-11.043	-11.069	-10.706	-10.091	-9.377	-8.675	-8.024	-7.400
4311	43.10	-6.754	-6.051	-5.303	-4.566	-3.914	-3.394	-3.008	-2.703	-2.401	-2.045
4321	43.20	-1.624	-1.194	-0.844	-0.657	-0.663	-0.812	-0.987	-1.042	-0.860	-0.397
4331	43.30	0.309	1.154	2.017	2.805	3.479	4.055	4.573	5.066	5.537	5.954
4341	43.40	6.273	6.461	6.518	6.470	6.359	6.209	6.018	5.758	5.397	4.924
4351	43.50	4.370	3.795	3.271	2.845	2.521	2.260	2.002	1.704	1.369	1.047
4361	43.60	0.816	0.746	0.865	1.144	1.512	1.887	2.211	2.447	2.670	2.869
4371	43.70	3.009	3.122	3.132	2.982	2.647	2.144	1.535	0.895	0.276	-0.311
4381	43.80	-0.897	-1.527	-2.225	-2.961	-3.651	-4.178	-4.432	-4.356	-3.964	-3.343
4391	43.90	-2.618	-1.918	-1.336	-0.915	-0.651	-0.512	-0.458	-0.455	-0.485	-0.542
4401	44.00	-0.628	-0.751	-0.923	-1.153	-1.450	-1.807	-2.198	-2.577	-2.886	-3.070
4411	44.10	-3.098	-2.971	-2.728	-2.422	-2.106	-1.809	-1.526	-1.226	-0.863	-0.400
4421	44.20	0.182	0.875	1.658	2.497	3.356	4.185	4.935	5.533	5.905	5.986
4431	44.30	5.749	5.221	4.486	3.667	2.891	2.247	1.762	1.394	1.051	0.635
4441	44.40	0.082	-0.613	-1.390	-2.148	-2.781	-3.214	-3.429	-3.466	-3.392	-3.290
4451	44.50	-3.213	-3.171	-3.135	-3.050	-2.865	-2.555	-2.137	-1.667	-1.223	-0.876
4461	44.60	-0.662	-0.565	-0.517	-0.419	-0.179	0.260	0.889	1.633	2.373	2.980
4471	44.70	3.358	3.467	3.327	3.000	2.558	2.060	1.533	0.986	0.425	-0.128
4481	44.80	-0.630	-1.033	-1.303	-1.451	-1.535	-1.642	-1.847	-2.174	-2.573	-2.928
4491	44.90	-3.101	-2.986	-2.566	-1.925	-1.227	-0.656	-0.352	-0.357	-0.607	-0.967

Table 7—52—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1145 1401-GR-1-15 HA. (HA.) TONEGAWA ES. MAX. ACC. = -31.424 (GAL) T= 16.05 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-1.286	-1.461	-1.476	-1.402	-1.356	-1.446	-1.721	-2.138	-2.574	-2.666
4511	45.10	-2.859	-2.460	-1.870	-0.982	0.045	1.824	2.795	3.462	3.813	3.916
4521	45.20	3.894	3.873	3.963	4.129	4.377	4.584	4.635	4.450	4.015	3.390
4531	45.30	2.684	2.017	1.480	1.107	0.877	0.730	0.601	0.444	0.247	0.025
4541	45.40	-0.196	-0.392	-0.550	-0.667	-0.738	-0.756	-0.709	-0.586	-0.396	-0.156
4551	45.50	0.093	0.311	0.472	0.564	0.590	0.556	0.461	0.293	0.038	-0.307
4561	45.60	-0.720	-1.154	-1.552	-1.866	-2.078	-2.203	-2.282	-2.352	-2.421	-2.468
4571	45.70	-2.428	-2.272	-1.990	-1.629	-1.282	-1.049	-0.998	-1.132	-1.387	-1.656
4581	45.80	-1.825	-1.835	-1.680	-1.409	-1.094	-0.789	-0.514	-0.244	0.066	0.445
4591	45.90	0.905	1.416	1.927	2.385	2.755	3.020	3.183	3.250	3.230	3.129
4601	46.00	2.962	2.757	2.551	2.375	2.237	2.105	1.915	1.590	1.074	0.365
4611	46.10	-0.480	-1.352	-2.132	-2.728	-3.101	-3.289	-3.364	-3.413	-3.491	-3.612
4621	46.20	-3.744	-3.831	-3.820	-3.677	-3.399	-3.002	-2.510	-1.943	-1.317	-0.646
4631	46.30	0.055	0.756	1.420	2.009	2.486	2.825	3.006	3.017	2.849	2.499
4641	46.40	1.975	1.307	0.541	-0.257	-1.022	-1.701	-2.264	-2.710	-3.051	-3.304
4651	46.50	-3.470	-3.531	-3.450	-3.190	-2.731	-2.086	-1.309	-0.485	0.289	0.927
4661	46.60	1.375	1.620	1.692	1.639	1.515	1.356	1.177	0.971	0.730	0.462
4671	46.70	0.199	-0.001	-0.075	0.019	0.278	0.645	1.026	1.313	1.430	1.358
4681	46.80	1.144	0.877	0.658	0.552	0.568	0.658	0.740	0.738	0.611	0.374
4691	46.90	0.081	-0.194	-0.396	-0.495	-0.507	-0.465	-0.403	-0.341	-0.283	-0.221
4701	47.00	-0.146	-0.057	0.043	0.153	0.277	0.431	0.623	0.846	1.067	1.227
4711	47.10	1.268	1.151	0.887	0.538	0.201	-0.021	-0.063	0.086	0.377	0.732
4721	47.20	1.069	1.338	1.528	1.662	1.767	1.857	1.918	1.918	1.823	1.621
4731	47.30	1.332	1.000	0.675	0.390	0.185	-0.086	-0.337	-0.638	-0.984	-1.342
4741	47.40	-1.659	-1.884	-1.989	-1.974	-1.867	-1.710	-1.546	-1.404	-1.297	-1.227
4751	47.50	-1.182	-1.145	-1.094	-1.000	-0.838	-0.592	-0.288	0.105	0.623	0.776
4761	47.60	0.964	1.021	0.973	0.876	0.802	0.808	0.915	1.101	1.312	1.483
4771	47.70	1.564	1.542	1.448	1.337	1.275	1.303	1.424	1.594	1.735	1.756
4781	47.80	1.585	1.194	0.612	-0.077	-0.780	-1.324	-1.693	-1.851	-1.845	-1.746
4791	47.90	-1.711	-1.747	-1.877	-2.044	-2.152	-2.108	-1.864	-1.444	-0.935	-0.465
4801	48.00	-0.146	-0.043	-0.144	-0.328	-0.643	-0.856	-0.969	-1.003	-1.008	-1.042
4811	48.10	-1.141	-1.298	-1.468	-1.592	-1.623	-1.543	-1.372	-1.158	-0.949	-0.786
4821	48.20	-0.680	-0.622	-0.585	-0.536	-0.446	-0.298	-0.088	0.175	0.451	0.697
4831	48.30	0.856	0.881	0.753	0.503	0.211	-0.007	-0.033	0.217	0.761	1.339
4841	48.40	2.437	3.323	4.091	4.700	5.178	5.595	6.022	6.487	6.945	7.291
4851	48.50	7.388	7.126	6.466	5.467	4.273	3.073	2.043	1.300	0.872	0.702
4861	48.60	0.683	0.700	0.668	0.558	0.387	0.202	0.049	-0.050	-0.107	-0.162
4871	48.70	-0.264	-0.450	-0.734	-1.098	-1.502	-1.897	-2.240	-2.501	-2.672	-2.782
4881	48.80	-2.794	-2.796	-2.797	-2.817	-2.865	-2.937	-3.016	-3.069	-3.072	-3.001
4891	48.90	-2.866	-2.614	-2.322	-1.990	-1.633	-1.252	-0.839	-0.379	0.128	0.869
4901	49.00	1.206	1.687	2.061	2.294	2.384	2.360	2.273	2.177	2.102	2.044
4911	49.10	1.960	1.782	1.443	0.905	0.179	-0.672	-1.546	-2.329	-2.932	-3.315
4921	49.20	-3.497	-3.548	-3.564	-3.635	-3.818	-4.119	-4.496	-4.877	-5.175	-5.321
4931	49.30	-5.273	-5.024	-4.606	-4.073	-3.496	-2.941	-2.460	-2.074	-1.774	-1.532
4941	49.40	-1.271	-0.988	-0.673	-0.331	-0.058	-0.112	-0.272	-0.620	-1.067	-1.487
4951	49.50	-1.764	-1.843	-1.754	-1.602	-1.522	-1.610	-1.871	-2.209	-2.482	-2.469
4961	49.60	-2.346	-1.528	-0.758	-0.033	0.479	0.698	0.655	0.460	0.235	0.054
4971	49.70	-0.090	-0.261	-0.527	-0.897	-1.288	-1.556	-1.510	-1.085	-0.301	0.686

Table 7—53—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	1.897	2.420	2.533	2.367	2.029	1.734	1.560	1.536	1.639	1.820
11	0.10	2.017	2.166	2.209	2.107	1.864	1.540	1.246	1.501	1.181	1.468
21	0.20	1.836	2.099	2.086	1.727	1.092	0.370	-0.213	-0.683	-0.390	-0.010
31	0.30	0.512	1.036	1.485	1.849	2.131	2.295	2.236	1.812	0.939	-0.318
41	0.40	-1.709	-2.843	-3.322	-2.906	-1.625	0.202	2.071	3.466	4.038	3.711
51	0.50	2.686	1.349	0.127	-0.638	-0.279	-0.318	0.556	1.554	2.352	2.672
61	0.60	2.366	1.468	0.243	-0.387	-1.454	-1.120	0.160	2.068	3.995	5.261
71	0.70	5.282	3.984	1.685	-0.918	-3.020	-3.995	-3.608	-2.065	0.111	2.296
81	0.80	3.977	4.869	4.920	4.218	2.892	1.064	-1.126	-3.458	-5.592	-7.109
91	0.90	-7.626	-6.957	-5.217	-2.823	-0.374	1.556	2.613	2.758	2.242	1.452
101	1.00	0.733	0.242	-0.084	-0.451	-1.066	-1.996	-3.106	-4.089	-4.584	-4.325
111	1.10	-3.257	-1.588	0.273	1.831	2.674	2.604	1.710	0.337	-1.035	-1.958
121	1.20	-2.180	-1.732	-0.899	-0.085	0.377	0.389	0.140	0.014	0.394	1.442
131	1.30	2.966	4.458	5.290	4.997	3.517	1.270	-0.973	-2.382	-2.388	-0.904
141	1.40	1.658	4.560	7.030	8.520	8.838	8.112	6.638	4.708	2.518	0.180
151	1.50	-2.187	-4.373	-6.068	-6.952	-6.881	-5.756	-4.015	-2.047	-0.250	1.159
161	1.60	2.194	3.016	3.782	4.501	5.009	5.056	4.468	3.306	1.874	0.607
171	1.70	-0.140	-0.288	-0.082	0.015	-0.424	-1.556	-3.157	-4.708	-5.660	-5.723
181	1.80	-5.041	-4.141	-3.665	-4.018	-5.100	-6.280	-6.651	-5.462	-2.528	1.576
191	1.90	5.649	8.299	8.483	5.948	1.364	-3.908	-8.308	-10.635	-10.448	-8.141
201	2.00	-4.711	-1.319	1.155	2.378	2.571	2.280	2.052	2.160	2.508	2.727
211	2.10	2.410	1.347	-0.336	-2.208	-3.714	-4.402	-4.110	-3.023	-1.586	-0.315
221	2.20	0.403	0.451	-0.009	-0.622	-1.010	-0.922	-0.333	0.560	1.420	1.903
231	2.30	1.779	1.017	-0.205	-1.559	-2.669	-3.229	-3.101	-2.358	-1.260	-0.178
241	2.40	0.538	0.479	0.244	-0.452	-1.055	-1.114	-0.342	1.277	3.452	5.656
251	2.50	7.283	7.850	7.158	5.365	2.933	0.476	-1.432	-2.540	-2.807	-2.566
261	2.60	-2.272	-2.313	-2.826	-3.619	-4.233	-4.128	-2.928	-0.620	2.378	5.327
271	2.70	7.416	8.063	7.142	5.045	2.530	0.424	-0.703	-0.751	-0.102	0.590
281	2.80	0.715	-0.001	-1.363	-2.814	-3.706	-3.627	-2.602	-1.090	0.249	0.885
291	2.90	0.690	0.005	-0.527	-0.308	0.881	2.709	4.399	5.064	4.119	1.594
301	3.00	-1.830	-5.063	-7.050	-7.195	-5.608	-3.039	-0.557	0.894	0.870	-0.429
311	3.10	-2.289	-3.807	-4.274	-3.445	-1.596	0.632	2.514	3.533	3.553	2.824
321	3.20	1.844	1.130	1.020	1.554	2.483	3.381	3.817	3.518	2.464	0.897
331	3.30	-0.771	-2.101	-2.774	-2.696	-2.015	-1.045	-0.141	0.435	0.600	0.447
341	3.40	0.163	-0.076	-0.202	-0.270	-0.075	-0.694	-1.109	-1.485	-1.591	-1.261
351	3.50	-0.502	0.458	1.251	1.520	1.087	0.052	-1.245	-2.369	-2.996	-3.055
361	3.60	-2.754	-2.445	-2.415	-2.693	-2.988	-2.803	-1.685	0.504	3.429	6.328
371	3.70	8.274	8.537	6.913	3.853	0.330	-2.503	-3.756	-3.132	-1.038	1.586
381	3.80	3.647	4.321	3.357	1.146	-1.477	-3.569	-4.456	-3.961	-2.422	-0.502
391	3.90	1.100	1.928	1.912	1.332	0.655	0.304	0.488	1.337	1.970	2.636
401	4.00	2.870	2.581	1.862	0.922	-0.012	-0.765	-1.251	-1.455	-1.402	-1.132
411	4.10	-0.697	-0.181	0.294	0.586	0.578	0.239	-0.343	-0.973	-1.417	-1.496
421	4.20	-1.168	-0.554	0.115	0.597	0.767	0.575	0.226	-0.116	-0.322	-0.410
431	4.30	-0.530	-0.874	-1.553	-2.491	-3.419	-3.967	-3.823	-2.888	-1.344	0.405
441	4.40	1.898	2.814	3.108	3.011	2.902	3.090	3.634	4.275	4.561	3.971
451	4.50	2.364	0.071	-2.746	-4.898	-5.888	-5.465	-3.866	-1.719	0.221	1.366
461	4.60	1.510	0.852	-0.161	-1.080	-1.671	-1.996	-2.313	-2.870	-3.702	-4.550
471	4.70	-6.968	-4.652	-2.887	-0.486	2.157	4.310	5.406	5.271	4.198	2.784
481	4.80	1.658	1.200	1.398	1.894	2.201	1.966	1.152	0.053	-0.866	-1.194
491	4.90	-0.796	0.151	1.244	2.065	2.368	2.183	1.758	1.406	1.338	1.561

Table 7—53—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	1.916	2.176	2.216	2.064	1.883	1.850	2.027	2.294	2.388	2.036
511	5.10	1.112	-0.279	-1.823	-3.134	-3.921	-4.109	-3.843	-3.387	-2.955	-2.590
521	5.20	-2.141	-1.368	-0.109	1.570	3.336	4.679	5.122	4.413	2.680	0.302
531	5.30	-2.040	-3.788	-4.598	-4.446	-3.573	-2.361	-1.152	-0.147	0.622	1.221
541	5.40	1.711	2.071	2.182	1.880	1.057	-0.253	-1.839	-3.363	-4.457	-4.851
551	5.50	-4.474	-3.482	-2.204	-1.033	-0.285	-0.090	-0.350	-0.789	-1.060	-0.895
561	5.60	-0.211	0.852	1.986	2.844	3.179	2.945	2.308	1.558	0.968	0.665
571	5.70	0.573	0.460	0.067	-0.739	-1.861	-2.986	-3.695	-3.649	-2.740	-1.158
581	5.80	0.668	2.241	3.181	3.361	2.933	2.231	1.599	1.241	1.137	1.074
591	5.90	0.772	0.032	-1.151	-2.566	-3.862	-4.682	-4.809	-4.237	-3.178	-1.963
601	6.00	-0.921	-0.251	0.036	0.099	0.178	0.670	1.024	1.705	2.236	2.320
611	6.10	1.781	0.669	-0.722	-1.943	-2.556	-2.316	-1.280	0.195	1.592	2.437
621	6.20	2.692	1.847	0.870	0.035	-0.296	-0.011	0.698	1.469	1.948	1.962
631	6.30	1.590	1.102	0.806	0.884	1.130	1.878	2.333	2.507	2.398	2.133
641	6.40	1.858	1.605	1.245	0.554	-0.627	-2.238	-3.937	-5.191	-5.699	-4.646
651	6.50	-2.854	-0.749	0.869	1.344	0.446	-1.529	-3.879	-5.784	-6.637	-6.254
661	6.60	-4.903	-3.134	-1.517	-0.409	0.150	0.372	0.563	0.947	1.559	2.260
671	6.70	2.830	3.086	2.949	2.453	1.689	0.755	-0.268	-1.291	-2.177	-2.735
681	6.80	-2.761	-2.130	-0.896	0.690	2.214	3.268	3.596	3.211	2.379	1.502
691	6.90	0.921	0.768	0.908	1.024	0.803	0.116	-0.889	-1.828	-2.260	-1.902
701	7.00	-0.790	0.704	2.009	2.593	2.693	0.939	-0.695	-2.070	-2.665	-2.261
711	7.10	-1.029	0.561	1.955	2.745	2.824	2.402	1.866	1.580	1.696	2.082
721	7.20	2.392	2.245	1.417	-0.026	-1.741	-3.253	-4.153	-4.276	-3.757	-2.945
731	7.30	-2.226	-1.833	-1.745	-1.716	-1.422	-0.668	0.593	2.048	3.353	4.205
741	7.40	4.507	4.397	4.167	3.995	3.996	3.975	3.620	2.667	1.067	-0.944
751	7.50	-2.921	-4.405	-5.152	-5.142	-4.745	-4.321	-4.134	-4.152	-4.081	-3.531
761	7.60	-2.258	-0.339	1.733	3.402	4.136	3.776	2.621	1.301	0.494	0.617
771	7.70	1.620	3.018	4.117	4.346	3.529	1.958	0.266	-0.869	-1.033	-0.247
781	7.80	1.066	2.283	2.890	2.682	1.835	0.791	0.028	-0.157	0.230	0.922
791	7.90	1.536	1.768	1.522	0.935	0.289	-0.133	-0.176	0.139	0.622	1.026
801	8.00	1.133	0.838	0.160	-0.775	-1.781	-2.653	-3.250	-3.419	-3.124	-2.416
811	8.10	-1.452	-0.480	0.216	0.398	-0.036	-0.984	-2.165	-3.168	-3.599	-3.206
821	8.20	-1.981	-0.675	1.775	3.376	4.229	4.162	3.265	1.858	0.384	-0.736
831	8.30	-1.233	-1.078	-0.487	0.154	0.423	0.013	-1.145	-2.842	-4.661	-6.018
841	8.40	-6.537	-6.008	-4.549	-2.537	-0.469	1.228	2.362	2.923	3.212	3.490
851	8.50	3.921	4.455	4.853	4.816	4.137	3.844	3.195	2.413	1.698	0.250
861	8.60	-2.391	-2.316	-2.332	-2.613	-3.096	-3.506	-3.503	-2.858	-1.603	-0.060
871	8.70	1.367	2.185	2.196	1.486	0.396	-0.633	-1.269	-1.525	-0.980	-0.495
881	8.80	-0.143	-0.155	-0.455	-0.897	-1.250	-1.335	-1.079	-0.530	0.195	0.959
891	8.90	1.644	2.160	2.415	2.326	1.828	0.921	-0.287	-1.572	-2.647	-3.248
901	9.00	-3.239	-2.670	-1.760	-0.810	-0.082	0.302	0.399	0.390	0.489	0.830
911	9.10	1.416	2.122	2.784	3.260	3.496	3.509	3.354	3.050	2.559	1.811
921	9.20	0.765	-0.518	-1.856	-2.982	-3.663	-3.706	-3.224	-2.425	-1.627	-1.117
931	9.30	-1.038	-1.352	-1.875	-2.371	-2.651	-2.643	-2.392	-2.013	-1.620	-1.278
941	9.40	-0.983	-0.690	-0.363	0.090	0.617	1.231	1.915	2.639	3.331	3.868
951	9.50	4.085	3.830	3.048	1.862	0.485	-0.672	-1.320	-1.351	-0.927	-0.429
961	9.60	-0.283	-0.748	-1.748	-2.850	-3.428	-2.936	-1.180	1.527	4.456	6.723
971	9.70	7.653	7.056	5.292	3.115	1.312	0.366	0.263	0.543	0.578	-0.087
981	9.80	-1.484	-3.194	-4.560	-5.027	-4.636	-3.118	-1.741	-0.931	-1.179	-2.173
991	9.90	-3.366	-4.025	-3.640	-2.171	-0.068	1.953	3.263	3.604	3.185	2.536

Table 7—53—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	2.199	2.431	3.063	3.596	3.469	2.377	0.652	-1.767	-3.573	-4.413
1011	10.10	-4.129	-3.014	-1.645	-0.602	-0.196	-0.256	-0.692	-0.737	-0.182	0.964
1021	10.20	2.578	3.581	4.154	3.909	2.942	1.563	0.167	-1.013	-1.778	-2.159
1031	10.30	-2.269	-2.146	-1.906	-1.548	-1.084	-0.551	-0.015	0.445	0.763	0.916
1041	10.40	0.917	0.812	0.672	0.586	0.670	1.038	1.768	2.823	3.998	4.922
1051	10.50	5.142	4.291	2.276	-0.610	-3.707	-6.173	-7.281	-6.699	-4.642	-1.814
1061	10.60	0.851	2.538	2.860	1.968	0.450	-0.954	-1.673	-1.525	-0.740	0.200
1071	10.70	0.830	0.926	0.585	0.148	-0.011	0.317	1.063	1.923	2.514	2.557
1081	10.80	2.001	1.022	-0.091	-1.082	-1.840	-2.413	-2.918	-3.429	-3.891	-4.131
1091	10.90	-3.959	-3.296	-2.266	-1.179	-0.408	-0.211	-0.597	-1.293	-1.857	-1.877
1101	11.00	-1.165	0.148	1.662	2.894	3.499	3.426	2.928	2.420	2.251	2.507
1111	11.10	2.963	3.091	2.497	0.970	-1.266	-3.618	-5.343	-5.853	-4.971	-3.020
1121	11.20	-0.690	1.244	2.246	2.225	1.562	0.820	0.639	1.265	2.533	3.929
1131	11.30	4.830	4.787	3.721	1.943	0.013	-1.502	-2.256	-2.229	-1.685	-1.021
1141	11.40	-0.575	-0.501	-0.736	-1.081	-1.321	-1.325	-1.099	-0.705	-0.285	0.086
1151	11.50	0.383	0.618	0.805	0.932	0.982	0.966	0.855	0.779	0.791	0.916
1161	11.60	1.105	1.245	1.228	1.026	0.739	0.573	0.761	1.340	2.256	3.159
1171	11.70	3.613	3.255	1.966	-0.046	-2.301	-4.224	-5.369	-5.589	-5.081	-4.273
1181	11.80	-3.621	-3.402	-3.593	-3.904	-3.933	-3.366	-2.142	-0.496	1.142	2.303
1191	11.90	2.683	2.252	1.252	0.095	-0.792	-1.112	-0.781	0.072	1.166	2.165
1201	12.00	2.770	2.788	2.170	1.017	-0.440	-1.880	-2.965	-3.422	-3.114	-2.091
1211	12.10	-0.578	1.090	2.564	3.584	4.037	3.958	3.426	2.738	1.847	0.842
1221	12.20	-0.271	-1.469	-2.671	-3.753	-4.486	-4.798	-4.627	-4.035	-3.155	-2.140
1231	12.30	-1.109	-0.123	0.794	1.628	2.345	2.891	3.231	3.384	3.445	3.554
1241	12.40	3.838	4.325	4.904	5.337	5.339	4.697	3.354	1.453	-0.712	-2.794
1251	12.50	-4.495	-5.640	-6.177	-6.134	-5.554	-4.462	-2.873	-0.844	1.481	3.856
1261	12.60	5.957	7.488	8.244	8.168	7.341	5.958	4.153	2.165	0.133	-1.779
1271	12.70	-3.384	-4.489	-4.964	-4.819	-4.250	-3.608	-3.282	-3.535	-4.370	-5.490
1281	12.80	-6.394	-6.574	-5.724	-3.888	-1.450	1.009	2.941	4.031	4.296	4.022
1291	12.90	3.602	3.335	3.302	3.355	3.227	2.693	1.699	0.391	-0.954	-2.068
1301	13.00	-2.810	-3.213	-3.433	-3.635	-3.867	-4.014	-3.833	-3.074	-1.623	0.407
1311	13.10	2.671	4.695	6.025	6.381	5.738	4.318	2.954	0.661	-0.891	-2.033
1321	13.20	-2.788	-3.269	-3.592	-3.808	-3.888	-3.744	-3.294	-2.517	-1.485	-0.347
1331	13.30	0.694	1.463	1.849	1.823	1.434	0.773	0.058	-0.960	-1.829	-2.543
1341	13.40	-2.956	-2.915	-2.314	-1.548	0.447	2.202	3.782	4.893	5.391	5.533
1351	13.50	4.959	4.589	4.482	4.720	5.155	5.472	5.313	4.443	2.858	0.813
1361	13.60	-1.263	-2.918	-3.841	-3.963	-3.468	-2.713	-2.083	-1.855	-2.106	-2.700
1371	13.70	-3.357	-3.758	-3.667	-3.013	-1.921	-0.677	0.354	0.865	0.612	-0.310
1381	13.80	-1.661	-3.017	-3.915	-4.001	-3.155	-1.538	0.454	2.321	3.632	4.170
1391	13.90	3.996	3.400	2.764	2.391	2.374	2.562	2.626	2.216	1.120	-0.636
1401	14.00	-2.774	-4.862	-6.457	-7.250	-7.150	-6.276	-4.889	-3.278	-1.666	-0.156
1411	14.10	1.259	2.646	4.068	5.515	6.885	7.982	8.552	8.351	7.207	5.090
1421	14.20	2.156	-1.252	-4.657	-7.541	-9.467	-10.195	-9.731	-8.315	-6.329	-4.167
1431	14.30	-2.122	-0.327	1.225	2.598	3.826	4.847	5.519	5.691	5.300	4.423
1441	14.40	3.276	2.133	1.201	0.548	0.091	-0.329	-0.822	-1.351	-1.715	-1.636
1451	14.50	-0.923	0.384	1.958	3.265	3.765	3.139	1.448	-0.866	-3.139	-4.748
1461	14.60	-5.351	-5.008	-4.126	-3.245	-2.796	-2.907	-3.376	-3.792	-3.759	-3.089
1471	14.70	-1.892	-0.515	0.635	1.288	1.425	1.274	1.180	1.431	2.120	3.110
1481	14.80	4.116	4.846	5.135	5.005	4.627	4.220	3.936	3.799	3.724	3.587
1491	14.90	3.321	2.957	2.608	2.386	2.311	2.255	1.962	1.140	-0.406	-2.668

Table 7—53—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-5.390	-8.112	-10.296	-11.475	-11.382	-10.020	-7.643	-4.679	-1.614	1.121
1511	15.10	3.232	4.590	5.221	5.262	4.903	4.338	3.722	3.154	2.668	2.245
1521	15.20	1.827	1.344	0.744	0.013	-0.801	-1.597	-2.234	-2.575	-2.530	-2.099
1531	15.30	-1.381	-0.559	0.158	0.599	0.692	0.487	0.137	-0.167	-0.265	-0.091
1541	15.40	0.308	0.800	1.232	1.490	1.544	1.441	1.268	1.093	0.923	0.694
1551	15.50	0.309	-0.316	-1.194	-2.247	-3.327	-4.256	-4.883	-5.125	-4.971	-4.468
1561	15.60	-3.688	-2.699	-1.561	-0.330	0.921	2.096	3.085	3.784	4.133	4.130
1571	15.70	3.838	3.364	2.819	2.286	1.795	1.325	0.821	0.228	-0.479	-1.271
1581	15.80	-2.054	-2.689	-3.019	-2.911	-2.299	-1.216	0.200	1.726	3.110	4.135
1591	15.90	4.679	4.750	4.473	4.026	3.570	3.168	2.759	2.181	1.254	-0.118
1601	16.00	-1.869	-3.745	-5.363	-6.329	-6.375	-5.462	-3.799	-1.773	0.106	1.808
1611	16.10	2.983	3.865	4.722	5.787	7.104	8.458	9.425	9.527	8.440	6.165
1621	16.20	3.074	-0.182	-2.886	-4.507	-4.878	-4.350	-3.174	-2.277	-2.021	-2.542
1631	16.30	-3.625	-4.832	-5.700	-5.938	-5.525	-4.689	-3.779	-3.104	-2.808	-2.845
1641	16.40	-3.040	-3.195	-3.193	-3.028	-2.774	-2.511	-2.258	-1.961	-1.563	-0.975
1651	16.50	-0.339	0.188	0.414	0.247	-0.209	-0.651	-0.672	0.063	1.650	3.855
1661	16.60	6.165	7.983	8.780	8.391	7.077	5.338	3.775	2.826	2.594	2.824
1671	16.70	3.027	2.709	1.581	-0.321	-2.655	-4.926	-6.683	-7.682	-7.952	-7.733
1681	16.80	-7.341	-7.014	-6.823	-6.665	-6.345	-5.672	-4.581	-3.141	-1.538	-0.003
1691	16.90	1.268	2.158	2.638	2.752	2.583	2.236	1.829	1.481	1.299	1.337
1701	17.00	1.567	1.859	2.013	1.826	1.191	0.165	-1.006	-1.946	-2.292	-1.821
1711	17.10	-0.560	1.200	2.988	4.315	4.834	4.458	3.363	1.911	0.505	-0.556
1721	17.20	-1.161	-1.385	-1.418	-1.466	-1.463	-1.953	-2.295	-2.536	-2.534	-2.280
1731	17.30	-1.831	-1.224	-0.628	-0.105	0.313	0.634	0.897	1.148	1.435	1.805
1741	17.40	2.304	2.966	3.799	4.761	5.754	6.624	7.198	7.328	6.934	6.033
1751	17.50	4.738	3.219	1.659	0.205	-1.060	-2.111	-2.961	-3.623	-4.092	-4.341
1761	17.60	-4.342	-4.091	-3.626	-3.021	-2.355	-1.683	-1.009	-0.293	0.517	1.430
1771	17.70	2.382	3.224	3.770	3.867	3.466	2.664	1.686	0.807	0.254	0.114
1781	17.80	0.300	0.584	0.697	0.437	-0.238	-1.189	-2.161	-2.788	-2.909	-2.655
1791	17.90	-1.566	-0.533	0.306	0.668	0.414	-0.414	-1.613	-2.887	-3.944	-4.573
1801	18.00	-4.705	-4.415	-3.878	-3.294	-2.805	-2.445	-2.130	-1.711	-1.065	-0.174
1811	18.10	0.822	1.651	1.998	1.634	0.529	-1.104	-2.844	-4.195	-4.739	-4.277
1821	18.20	-2.885	-0.887	1.265	3.123	4.369	4.873	4.687	3.988	3.010	1.989
1831	18.30	1.139	0.589	0.472	0.808	1.854	2.695	3.444	4.118	4.295	3.868
1841	18.40	2.878	1.509	0.028	-1.286	-2.213	-2.929	-2.515	-1.937	-1.210	0.121
1851	18.50	1.307	2.406	3.295	3.890	4.151	4.090	3.752	3.189	2.442	1.526
1861	18.60	0.452	-0.750	-2.009	-3.211	-4.231	-4.976	-5.423	-5.621	-5.649	-5.557
1871	18.70	-5.311	-4.294	-3.861	-2.436	-0.593	1.397	3.162	4.252	4.492	3.881
1881	18.80	2.689	1.329	0.183	-0.568	-0.914	-1.159	-1.576	-2.339	-3.397	-4.479
1891	18.90	-5.214	-5.296	-4.625	-3.362	-1.856	-0.500	0.422	0.843	0.904	0.873
1901	19.00	1.009	1.447	2.153	2.943	3.570	3.816	3.559	2.807	1.677	0.356
1911	19.10	-0.951	-2.044	-2.784	-3.101	-3.013	-2.625	-2.107	-1.647	-1.391	-1.393
1921	19.20	-1.587	-1.804	-1.831	-1.482	-0.669	0.566	2.056	3.558	4.819	5.638
1931	19.30	5.908	5.637	4.933	3.972	2.961	2.085	1.484	1.122	0.986	0.905
1941	19.40	0.706	0.250	-0.514	-1.535	-2.670	-3.739	-4.574	-5.044	-5.155	-4.848
1951	19.50	-4.174	-3.129	-1.930	-0.535	0.854	2.041	2.934	3.602	3.515	3.432
1961	19.60	3.351	3.407	3.597	3.752	3.606	2.921	1.623	-0.124	-1.946	-3.383
1971	19.70	-4.072	-3.881	-2.970	-1.706	-0.515	0.300	0.684	0.726	0.756	0.987
1981	19.80	1.498	2.170	2.756	3.009	2.802	2.196	1.407	0.708	0.308	0.274
1991	19.90	0.522	0.879	1.179	1.342	1.400	1.466	1.661	2.042	2.566	3.096

Table 7—53—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	3.455	3.485	3.103	2.319	1.224	-0.043	-1.342	-2.569	-3.671	-4.650
2011	20.10	-5.541	-6.383	-7.186	-7.896	-8.409	-8.570	-8.230	-7.295	-5.768	-3.777
2021	20.20	-1.534	0.712	2.744	4.423	5.706	6.616	7.197	7.469	7.411	6.980
2031	20.30	6.169	4.953	3.503	1.964	0.523	-0.684	-1.593	-2.225	-2.649	-2.944
2041	20.40	-3.159	-3.303	-3.355	-3.294	-3.119	-2.858	-2.558	-2.258	-1.974	-1.690
2051	20.50	-1.376	-1.003	-0.571	-0.110	0.327	0.683	0.925	1.058	1.130	1.214
2061	20.60	1.387	1.692	2.115	2.572	2.918	2.985	2.838	1.838	0.673	-0.661
2071	20.70	-1.816	-2.582	-2.789	-2.461	-1.801	-1.112	-0.679	-0.662	-1.038	-1.625
2081	20.80	-2.174	-2.493	-2.529	-2.376	-2.208	-2.166	-2.258	-2.335	-2.151	-1.188
2091	20.90	-0.274	1.352	3.071	4.501	5.337	5.461	4.960	4.062	3.023	2.024
2101	21.00	1.123	0.280	-0.566	-1.434	-2.271	-2.981	-3.495	-3.818	-4.040	-4.278
2111	21.10	-4.600	-4.962	-5.197	-5.088	-4.476	-3.347	-1.871	-0.344	0.933	1.771
2121	21.20	2.171	2.305	2.428	2.751	3.351	4.140	4.924	5.495	5.724	5.598
2131	21.30	5.199	4.646	4.025	3.367	2.655	1.877	1.060	0.282	-0.363	-0.809
2141	21.40	-1.041	-1.197	-1.325	-1.525	-1.801	-2.076	-2.229	-2.159	-1.838	-1.327
2151	21.50	-0.745	-0.208	0.218	0.538	0.797	1.037	1.248	1.365	1.302	1.014
2161	21.60	0.532	-0.033	-0.563	-0.910	-1.150	-1.381	-1.760	-2.376	-3.161	-3.874
2171	21.70	-4.169	-5.738	-2.464	-0.511	1.700	3.620	4.763	4.885	4.070	2.685
2181	21.80	1.235	0.171	-0.266	-0.107	0.389	0.872	1.047	0.790	0.172	-0.583
2191	21.90	-1.207	-1.485	-1.335	-0.823	-0.121	0.550	1.003	1.130	0.932	0.508
2201	22.00	0.010	-0.409	-0.651	-0.722	-0.728	-0.853	-1.277	-2.102	-3.282	-4.604
2211	22.10	-5.740	-6.343	-6.172	-5.177	-3.532	-1.571	0.322	1.850	2.890	3.510
2221	22.20	3.903	4.277	4.245	5.271	5.691	5.794	5.430	4.584	3.397	2.113
2231	22.30	0.989	0.213	-0.149	-0.345	0.102	0.462	0.834	1.159	1.404	1.545
2241	22.40	1.542	1.381	1.072	0.687	0.337	0.140	0.155	0.341	0.547	0.562
2251	22.50	0.195	-0.639	-1.871	-3.299	-4.652	-5.700	-6.331	-6.581	-6.603	-6.589
2261	22.60	-6.639	-6.800	-6.969	-6.995	-6.740	-6.139	-5.216	-4.056	-2.758	-1.392
2271	22.70	0.017	1.466	2.935	4.354	5.606	6.560	7.122	7.285	7.133	6.812
2281	22.80	6.463	6.160	5.881	5.518	4.934	4.031	2.806	1.366	-0.118	-1.410
2291	22.90	-2.451	-3.079	-3.335	-3.292	-3.038	-2.646	-2.161	-1.598	-0.963	-0.263
2301	23.00	0.475	1.205	1.866	2.390	2.708	2.767	2.548	2.074	1.418	0.689
2311	23.10	0.006	-0.545	-0.937	-1.210	-1.446	-1.723	-2.067	-2.421	-2.666	-2.659
2321	23.20	-2.321	-1.665	-0.821	0.012	0.638	0.939	0.909	0.640	0.266	-0.111
2331	23.30	-0.465	-0.851	-1.358	-2.038	-2.861	-3.706	-4.405	-4.815	-4.882	-4.664
2341	23.40	-4.301	-3.949	-3.704	-3.584	-3.430	-3.159	-2.631	-1.803	-0.724	0.486
2351	23.50	1.686	2.748	3.600	4.209	4.576	4.719	4.666	4.464	4.175	3.871
2361	23.60	3.616	3.435	3.305	3.162	2.938	2.593	2.158	1.712	1.349	1.127
2371	23.70	1.022	0.959	0.756	0.404	-0.079	-0.529	-0.716	-0.430	0.391	1.624
2381	23.80	2.977	4.078	4.617	4.450	3.648	2.453	1.171	0.052	-0.794	-1.411
2391	23.90	-1.933	-2.499	-3.166	-3.879	-4.499	-4.877	-4.920	-4.636	-4.122	-3.514
2401	24.00	-2.927	-2.408	-1.932	-1.430	-0.839	-0.137	0.642	1.427	2.141	2.734
2411	24.10	3.195	3.542	3.803	4.000	4.145	4.245	4.324	4.422	4.589	4.855
2421	24.20	5.207	5.571	5.832	5.872	5.626	5.110	4.430	3.737	3.161	2.742
2431	24.30	2.403	1.967	1.226	0.037	-1.608	-3.554	-5.527	-7.227	-8.432	-9.075
2441	24.40	-9.251	-9.156	-8.992	-8.870	-8.766	-8.544	-8.044	-7.175	-5.991	-4.687
2451	24.50	-3.330	-2.753	-2.445	-2.515	-2.721	-2.774	-2.456	-1.711	-0.666	0.424
2461	24.60	1.588	1.741	1.755	1.463	1.094	0.883	0.990	1.449	2.173	2.997
2471	24.70	3.731	4.224	4.392	4.231	3.806	3.231	2.634	2.127	1.775	1.581
2481	24.80	1.490	1.617	1.286	1.072	0.821	0.636	0.632	0.878	1.358	1.957
2491	24.90	2.510	2.864	2.943	2.779	2.486	2.199	1.999	1.864	1.680	1.292

Table 7—53—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.593	-0.413	-1.597	-2.745	-3.638	-4.131	-4.196	-3.913	-3.417	-2.832
2511	25.10	-2.230	-1.624	-1.002	-0.363	0.257	0.796	1.202	1.467	1.666	1.823
2521	25.20	2.068	2.383	2.680	2.812	2.636	2.088	1.230	0.238	-0.655	-1.253
2531	25.30	-1.667	-1.361	-1.030	-0.720	-0.562	-0.617	-0.855	-1.192	-1.539	-1.843
2541	25.40	-2.092	-2.294	-2.453	-2.544	-2.525	-2.367	-2.092	-1.783	-1.574	-1.596
2551	25.50	-1.923	-2.531	-3.295	-4.023	-4.527	-4.682	-4.446	-3.947	-3.244	-2.552
2561	25.60	-1.903	-1.349	-0.866	-0.410	0.062	0.563	1.087	1.615	2.132	2.639
2571	25.70	3.094	3.496	3.769	3.841	3.638	3.134	2.376	1.484	0.620	-0.061
2581	25.80	-0.462	-0.580	-0.499	-0.348	-0.251	-0.276	-0.417	-0.611	-0.778	-0.864
2591	25.90	-0.866	-0.822	-0.783	-0.779	-0.791	-0.762	-0.623	-0.331	0.105	0.628
2601	26.00	1.159	1.630	2.018	2.343	2.649	2.969	3.305	3.618	3.855	3.977
2611	26.10	3.985	3.918	3.833	3.765	3.707	3.599	3.353	2.896	2.198	1.292
2621	26.20	0.256	-0.813	-1.836	-2.758	-3.564	-4.243	-4.782	-5.155	-5.338	-5.319
2631	26.30	-5.110	-4.744	-4.254	-3.663	-2.975	-2.194	-1.351	-0.525	0.161	0.582
2641	26.40	0.657	0.407	-0.043	-0.490	-0.751	-0.727	-0.452	-0.085	0.173	0.174
2651	26.50	-0.099	-0.511	-0.835	-0.847	-0.631	0.370	1.368	2.314	2.997	3.318
2661	26.60	3.314	3.116	2.875	2.693	2.593	2.535	2.461	2.365	2.197	2.080
2671	26.70	2.039	2.087	2.188	2.275	2.293	2.232	2.133	2.067	2.092	2.218
2681	26.80	2.388	2.498	2.443	2.160	1.660	1.021	0.364	-0.197	-0.589	-0.798
2691	26.90	-0.862	-0.851	-0.838	-0.877	-0.992	-1.176	-1.393	-1.584	-1.685	-1.633
2701	27.00	-1.393	-0.967	-0.410	0.127	0.670	0.945	0.920	0.574	-0.043	-0.816
2711	27.10	-1.596	-2.227	-2.584	-2.603	-2.288	-1.717	-1.019	-0.337	0.213	0.575
2721	27.20	0.772	0.889	1.036	1.292	1.666	2.076	2.380	2.426	2.121	1.471
2731	27.30	0.586	-0.362	-1.204	-1.832	-2.233	-2.474	-2.654	-2.848	-3.074	-3.291
2741	27.40	-3.426	-3.423	-3.267	-2.990	-2.637	-2.237	-1.776	-1.269	-0.492	0.371
2751	27.50	1.305	2.176	2.838	3.189	3.225	3.037	2.773	2.571	2.501	2.529
2761	27.60	2.549	2.430	2.087	1.523	0.826	0.133	-0.427	-0.783	-0.939	-0.956
2771	27.70	-0.917	-0.892	-0.923	-1.029	-1.220	-1.513	-1.919	-2.429	-2.988	-3.492
2781	27.80	-3.809	-3.824	-3.486	-2.839	-2.011	-1.170	-0.463	0.036	0.340	0.528
2791	27.90	0.691	0.884	1.102	1.269	1.380	1.367	1.216	1.061	0.960	0.951
2801	28.00	1.002	1.031	0.945	0.698	0.328	-0.048	-0.285	-0.284	-0.043	0.320
2811	28.10	0.613	0.645	0.307	-0.373	-1.237	-2.061	-2.631	-2.826	-2.651	-2.212
2821	28.20	-1.666	-1.153	-0.752	-0.471	-0.284	-0.162	-0.106	-0.146	-0.318	-0.629
2831	28.30	-1.033	-1.443	-1.758	-1.911	-1.900	-1.787	-1.669	-1.634	-1.717	-1.889
2841	28.40	-2.077	-2.200	-2.210	-2.104	-1.920	-1.696	-1.438	-1.110	-0.653	-0.024
2851	28.50	0.758	1.598	2.363	2.840	3.002	2.851	2.518	2.194	2.047	2.150
2861	28.60	2.468	2.775	2.926	2.743	2.174	1.312	0.336	-0.546	-1.186	-1.536
2871	28.70	-1.656	-1.670	-1.700	-1.814	-1.998	-2.172	-2.232	-2.100	-1.757	-1.244
2881	28.80	-0.643	-0.036	0.523	1.028	1.504	1.989	2.503	3.024	3.495	3.831
2891	28.90	3.952	3.811	3.414	2.823	2.148	1.518	1.045	0.795	0.765	0.887
2901	29.00	1.045	1.115	1.004	0.682	0.193	-0.357	-0.839	-1.146	-1.224	-1.099
2911	29.10	-0.857	-0.620	-0.501	-0.565	-0.809	-1.164	-1.513	-1.751	-1.720	-1.435
2921	29.20	-0.901	-0.207	0.517	1.136	1.561	1.685	1.589	1.237	1.044	0.824
2931	29.30	0.766	0.825	1.018	1.248	1.436	1.523	1.485	1.322	1.049	0.679
2941	29.40	0.229	-0.271	-0.759	-1.140	-1.303	-1.163	-0.701	0.008	0.805	1.498
2951	29.50	1.930	2.046	1.909	1.691	1.578	1.693	2.030	2.452	2.739	2.687
2961	29.60	2.192	1.520	0.268	-0.776	-1.532	-1.918	-1.969	-1.819	-1.633	-1.531
2971	29.70	-1.545	-1.624	-1.686	-1.667	-1.562	-1.423	-1.321	-1.305	-1.362	-1.428
2981	29.80	-1.420	-1.294	-1.080	-0.880	-0.852	-1.041	-1.521	-2.168	-2.783	-3.142
2991	29.90	-3.072	-2.514	-1.547	-0.358	0.822	1.781	2.388	2.604	2.473	2.086

Table 7—53—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	1.549	0.956	0.387	-0.094	-0.433	-0.595	-0.574	-0.402	-0.150	0.089
3011	30.10	0.238	0.258	0.175	0.068	0.038	0.164	0.668	0.896	1.343	1.688
3021	30.20	1.864	1.788	1.571	1.287	1.041	0.901	0.886	0.970	1.103	1.243
3031	30.30	1.368	1.480	1.580	1.651	1.646	1.499	1.150	0.578	-0.175	-1.006
3041	30.40	-1.760	-2.369	-2.696	-2.757	-2.615	-2.373	-2.136	-1.970	-1.895	-1.880
3051	30.50	-1.878	-1.869	-1.782	-1.702	-1.651	-1.671	-1.777	-1.946	-2.128	-2.263
3061	30.60	-2.303	-2.236	-2.085	-1.898	-1.723	-1.588	-1.483	-1.372	-1.207	-0.954
3071	30.70	-0.614	-0.218	0.184	0.556	0.890	1.216	1.584	2.036	2.565	3.123
3081	30.80	3.617	3.952	4.067	3.958	3.676	3.291	2.857	2.379	1.821	1.130
3091	30.90	0.284	-0.676	-1.645	-2.485	-3.086	-3.397	-3.458	-3.354	-3.169	-2.935
3101	31.00	-2.610	-2.111	-1.372	-0.400	0.694	1.732	2.536	3.011	3.190	3.218
3111	31.10	3.282	3.513	3.917	4.363	4.660	4.559	4.049	3.155	2.098	1.090
3121	31.20	0.308	-0.194	-0.478	-0.662	-0.852	-1.087	-1.330	-1.510	-1.577	-1.561
3131	31.30	-1.473	-1.462	-1.562	-1.756	-1.968	-2.101	-2.098	-1.973	-1.811	-1.714
3141	31.40	-1.762	-1.873	-2.013	-2.038	-1.872	-1.530	-1.119	-0.787	-0.650	-0.728
3151	31.50	-0.930	-1.059	-1.088	-0.831	-0.381	0.116	0.488	0.616	0.486	0.177
3161	31.60	-0.166	-0.410	-0.501	-0.458	-0.361	-0.296	-0.312	-0.402	-0.513	-0.582
3171	31.70	-0.568	-0.466	-0.302	-0.102	0.129	0.412	0.784	1.266	1.835	2.421
3181	31.80	2.913	3.195	3.180	2.844	2.233	1.451	0.638	-0.071	-0.575	-0.831
3191	31.90	-0.865	-0.766	-0.654	-0.651	-0.832	-1.201	-1.679	-2.125	-2.385	-2.352
3201	32.00	-2.001	-1.414	-0.745	-0.164	0.201	0.320	0.259	0.154	0.145	0.323
3211	32.10	0.688	1.162	1.617	1.938	2.059	1.985	1.778	1.529	1.323	1.211
3221	32.20	1.209	1.305	1.463	1.639	1.774	1.803	1.683	1.511	1.254	0.961
3231	32.30	-0.636	-1.178	-1.425	-1.313	-0.881	-0.270	0.324	0.712	0.772	0.479
3241	32.40	-0.099	-0.837	-1.609	-2.325	-2.961	-3.451	-3.855	-4.140	-4.273	-4.224
3251	32.50	-3.985	-3.593	-3.125	-2.672	-2.295	-2.004	-1.742	-1.419	-0.948	-0.297
3261	32.60	0.498	1.336	2.095	2.677	3.051	3.258	3.391	3.552	3.804	4.147
3271	32.70	4.516	4.803	4.897	4.720	4.249	3.523	2.632	1.699	0.868	0.183
3281	32.80	-0.233	-0.393	-0.348	-0.193	-0.046	0.001	-0.111	-0.368	-0.702	-1.012
3291	32.90	-1.206	-1.234	-1.109	-0.893	-0.677	-0.540	-0.518	-0.596	-0.717	-0.810
3301	33.00	-0.814	-0.698	-0.467	-0.152	0.206	0.565	0.893	1.164	1.358	1.458
3311	33.10	1.461	1.373	1.217	1.028	0.838	0.666	0.513	0.358	0.176	-0.055
3321	33.20	-0.335	-0.662	-0.938	-1.185	-1.359	-1.458	-1.503	-1.526	-1.556	-1.605
3331	33.30	-1.670	-1.730	-1.759	-1.741	-1.672	-1.566	-1.435	-1.304	-1.179	-1.050
3341	33.40	-0.898	-0.700	-0.440	-0.119	0.241	0.604	0.930	1.189	1.368	1.475
3351	33.50	1.531	1.553	1.548	1.507	1.416	1.266	1.078	0.899	0.798	0.838
3361	33.60	1.062	1.373	1.731	1.975	1.968	1.628	0.965	0.084	-0.840	-1.616
3371	33.70	-2.098	-2.234	-2.079	-1.775	-1.501	-1.411	-1.578	-1.974	-2.476	-2.906
3381	33.80	-3.096	-2.937	-2.425	-1.661	-0.826	-0.126	0.273	0.294	-0.024	-0.541
3391	33.90	-1.062	-1.402	-1.645	-1.181	-0.705	-0.180	0.227	0.398	0.313	0.042
3401	34.00	-0.276	-0.496	-0.516	-0.314	0.051	0.467	0.816	1.013	1.038	0.926
3411	34.10	0.741	0.544	0.360	0.180	-0.029	-0.289	-0.587	-0.866	-1.044	-1.052
3421	34.20	-0.868	-0.561	-0.180	0.089	0.173	0.056	-0.184	-0.405	-0.453	-0.224
3431	34.30	0.297	1.031	1.842	2.588	3.177	3.584	3.846	4.021	4.150	4.236
3441	34.40	4.253	4.168	3.981	3.730	3.483	3.296	3.181	3.083	2.903	2.537
3451	34.50	1.937	1.338	0.257	-0.553	-1.166	-1.532	-1.695	-1.761	-1.847	-2.020
3461	34.60	-2.269	-2.520	-2.675	-2.674	-2.527	-2.310	-2.131	-2.076	-2.170	-2.365
3471	34.70	-2.570	-2.696	-2.694	-2.588	-2.446	-2.350	-2.368	-2.434	-2.541	-2.571
3481	34.80	-2.435	-2.085	-1.534	-0.848	-0.124	0.539	1.069	1.441	1.677	1.841
3491	34.90	2.014	2.266	2.619	3.037	3.418	3.623	3.523	3.052	2.239	1.217

Table 7—53—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.06 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	0.181	-0.675	-1.227	-1.463	-1.482	-1.446	-1.509	-1.748	-2.141	-2.580
3511	35.10	-2.931	-3.092	-3.044	-2.846	-2.605	-2.417	-2.328	-2.318	-2.320	-2.263
3521	35.20	-2.109	-1.863	-1.567	-1.262	-0.967	-0.670	-0.343	0.026	0.414	0.762
3531	35.30	0.998	1.075	1.002	0.848	0.717	0.693	0.832	1.086	1.387	1.609
3541	35.40	1.720	1.712	1.639	1.585	1.611	1.734	1.916	2.093	2.205	2.231
3551	35.50	2.191	2.130	2.088	2.071	2.042	1.943	1.715	1.339	0.842	0.293
3561	35.60	-0.219	-0.620	-0.867	-0.956	-0.910	-0.767	-0.562	-0.325	-0.085	0.130
3571	35.70	0.295	0.391	0.416	0.394	0.364	0.370	0.438	0.567	0.719	0.837
3581	35.80	0.862	0.759	0.527	0.199	-0.166	-0.504	-0.761	-0.907	-0.934	-0.857
3591	35.90	-0.701	-0.503	-0.293	-0.100	0.064	0.194	0.301	0.395	0.486	0.573
3601	36.00	0.640	0.670	0.644	0.560	0.427	0.266	0.093	-0.087	-0.288	-0.526
3611	36.10	-0.811	-1.127	-1.431	-1.665	-1.781	-1.765	-1.669	-1.508	-1.424	-1.450
3621	36.20	-1.587	-1.772	-1.901	-1.871	-1.620	-1.147	-0.516	0.178	0.860	1.406
3631	36.30	1.856	2.203	2.471	2.678	2.826	2.902	2.898	2.816	2.670	2.476
3641	36.40	2.239	1.949	1.583	1.124	0.581	-0.000	-0.548	-0.965	-1.254	-1.345
3651	36.50	-1.293	-1.164	-1.029	-0.937	-0.903	-0.914	-0.945	-0.972	-0.989	-0.999
3661	36.60	-1.007	-1.007	-0.981	-0.906	-0.773	-0.591	-0.391	-0.213	-0.088	-0.025
3671	36.70	-0.007	-0.005	0.002	0.017	0.019	-0.027	-0.146	-0.338	-0.578	-0.824
3681	36.80	-1.040	-1.208	-1.337	-1.446	-1.541	-1.602	-1.580	-1.457	-1.081	-0.592
3691	36.90	-0.031	0.481	0.824	0.922	0.774	0.456	0.087	-0.218	-0.391	-0.434
3701	37.00	-0.409	-0.405	-0.495	-0.708	-1.013	-1.343	-1.617	-1.775	-1.798	-1.706
3711	37.10	-1.545	-1.366	-1.206	-1.079	-0.974	-0.855	-0.724	-0.530	-0.276	0.028
3721	37.20	0.358	0.688	0.993	1.261	1.491	1.692	1.859	2.013	2.098	2.083
3731	37.30	1.932	1.638	1.240	0.828	0.519	0.424	0.603	1.039	1.636	2.246
3741	37.40	2.722	2.966	2.961	2.769	2.498	2.255	2.105	2.052	2.047	2.023
3751	37.50	1.925	1.738	1.488	1.217	0.963	0.734	0.511	0.266	-0.030	-0.355
3761	37.60	-0.700	-0.985	-1.175	-1.261	-1.271	-1.264	-1.300	-1.413	-1.594	-1.791
3771	37.70	-1.931	-1.947	-1.805	-1.522	-1.157	-0.788	-0.490	-0.303	-0.227	-0.224
3781	37.80	-0.234	-0.208	-0.119	0.019	0.160	0.247	0.228	0.082	-0.176	-0.490
3791	37.90	-0.805	-1.065	-1.247	-1.360	-1.437	-1.515	-1.613	-1.718	-1.790	-1.776
3801	38.00	-1.639	-1.373	-1.014	-0.627	-0.283	-0.034	0.105	0.161	0.182	0.218
3811	38.10	0.294	0.405	0.514	0.575	0.548	0.418	0.197	-0.087	-0.401	-0.720
3821	38.20	-1.031	-1.326	-1.582	-1.772	-1.844	-1.750	-1.457	-0.971	-0.342	0.343
3831	38.30	0.990	1.519	1.899	2.147	2.321	2.487	2.688	2.923	3.140	3.266
3841	38.40	3.226	2.996	2.607	2.140	1.702	1.389	1.269	1.275	1.411	1.576
3851	38.50	1.698	1.731	1.660	1.497	1.257	0.953	0.595	0.194	-0.223	-0.612
3861	38.60	-0.921	-1.110	-1.169	-1.125	-1.035	-0.964	-0.955	-1.014	-1.108	-1.187
3871	38.70	-1.214	-1.182	-1.124	-1.095	-1.144	-1.289	-1.512	-1.761	-1.985	-2.153
3881	38.80	-2.268	-2.356	-2.440	-2.522	-2.560	-2.494	-2.262	-1.847	-1.287	-0.673
3891	38.90	-0.116	0.295	0.527	0.614	0.634	0.667	0.760	0.897	1.013	1.023
3901	39.00	0.864	0.528	0.072	-0.403	-0.785	-0.993	-0.996	-0.819	-0.530	-0.204
3911	39.10	0.091	0.320	0.473	0.563	0.610	0.632	0.638	0.630	0.601	0.544
3921	39.20	0.452	0.325	0.171	0.007	-0.146	-0.265	-0.335	-0.368	-0.308	-0.228
3931	39.30	-0.119	0.010	0.155	0.310	0.465	0.600	0.688	0.708	0.657	0.557
3941	39.40	0.453	0.400	0.435	0.561	0.744	0.917	1.013	0.993	0.861	0.679
3951	39.50	0.493	0.393	0.393	0.469	0.557	0.588	0.519	0.350	0.125	-0.093
3961	39.60	-0.256	-0.349	-0.400	-0.461	-0.579	-0.767	-1.001	-1.222	-1.370	-1.410
3971	39.70	-1.348	-1.229	-1.113	-1.050	-1.049	-1.082	-1.089	-1.006	-0.794	-0.456
3981	39.80	-0.032	0.414	0.819	1.139	1.364	1.509	1.607	1.688	1.749	1.848
3991	39.90	1.904	1.912	1.851	1.710	1.496	1.229	0.930	0.617	0.296	-0.042

Table 7—53—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 35.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.603	-0.788	-1.175	-1.520	-1.762	-1.849	-1.753	-1.497	-1.145	-0.794
4011	40.10	-0.536	-0.427	-0.462	-0.579	-0.678	-0.661	-0.670	-0.104	0.380	0.891
4021	40.20	1.339	1.663	1.863	1.899	1.872	1.810	1.748	1.709	1.704	1.736
4031	40.30	1.800	1.877	1.935	1.931	1.823	1.591	1.245	0.834	0.430	0.100
4041	40.40	-0.121	-0.243	-0.322	-0.436	-0.649	-0.987	-1.423	-1.807	-2.093	-2.566
4051	40.50	-2.665	-2.601	-2.413	-2.158	-1.895	-1.662	-1.482	-1.359	-1.285	-1.242
4061	40.60	-1.215	-1.186	-1.149	-1.108	-1.080	-1.091	-1.161	-1.289	-1.451	-1.597
4071	40.70	-1.669	-1.621	-1.441	-1.153	-0.814	-0.485	-0.215	-0.017	0.123	0.238
4081	40.80	0.352	0.467	0.560	0.599	0.561	0.450	0.299	0.157	0.068	0.048
4091	40.90	0.080	0.125	0.137	0.092	-0.004	-0.117	-0.203	-0.229	-0.185	-0.081
4101	41.00	0.061	0.227	0.418	0.653	0.948	1.305	1.696	2.066	2.368	2.489
4111	41.10	2.465	2.292	2.020	1.710	1.417	1.168	0.969	0.803	0.651	0.498
4121	41.20	0.344	0.196	0.061	-0.060	-0.175	-0.301	-0.451	-0.631	-0.836	-1.054
4131	41.30	-1.270	-1.474	-1.661	-1.828	-1.965	-2.053	-2.062	-1.963	-1.736	-1.384
4141	41.40	-0.961	-0.455	0.015	0.432	0.781	1.079	1.357	1.636	1.913	2.153
4151	41.50	2.298	2.301	2.168	1.876	1.567	1.318	1.203	1.239	1.379	1.531
4161	41.60	1.603	1.564	1.372	1.166	1.019	1.006	1.124	1.293	1.387	1.288
4171	41.70	0.943	0.597	0.222	-0.246	-1.039	-1.042	-0.803	-0.446	-0.123	0.049
4181	41.80	0.021	-0.173	-0.446	-0.701	-0.867	-0.924	-0.896	-0.828	-0.766	-0.731
4191	41.90	-0.723	-0.721	-0.701	-0.662	-0.538	-0.393	-0.221	-0.066	0.104	0.196
4201	42.00	0.211	0.143	0.017	-0.122	-0.219	-0.231	-0.150	-0.010	0.123	0.175
4211	42.10	0.099	-0.099	-0.363	-0.602	-0.731	-0.704	-0.533	-0.287	-0.058	0.072
4221	42.20	0.063	-0.067	-0.258	-0.433	-0.530	-0.527	-0.446	-0.343	-0.282	-0.311
4231	42.30	-0.448	-0.671	-0.927	-1.156	-1.294	-1.320	-1.241	-1.102	-0.964	-0.884
4241	42.40	-0.892	-0.975	-1.081	-1.146	-1.109	-0.957	-0.719	-0.459	-0.244	-0.114
4251	42.50	-0.061	-0.031	0.046	0.218	0.487	0.805	1.096	1.295	1.385	1.400
4261	42.60	1.410	1.473	1.600	1.737	1.782	1.632	1.235	0.624	-0.096	-0.789
4271	42.70	-1.341	-1.713	-1.948	-2.137	-2.369	-2.681	-3.032	-3.328	-3.468	-3.393
4281	42.80	-3.124	-2.747	-2.372	-2.080	-1.889	-1.742	-1.546	-1.217	-0.728	-0.117
4291	42.90	0.520	1.079	1.485	1.718	1.807	1.808	1.766	1.698	1.588	1.412
4301	43.00	1.156	0.842	0.519	0.251	0.090	0.056	0.121	0.241	0.353	0.412
4311	43.10	0.398	0.321	0.206	0.087	-0.010	-0.073	-0.100	-0.100	-0.085	-0.067
4321	43.20	-0.052	-0.038	-0.014	0.040	0.147	0.317	0.543	0.789	1.003	1.127
4331	43.30	1.124	0.996	0.790	0.592	0.493	0.563	0.817	1.210	1.668	2.020
4341	43.40	2.235	2.252	2.086	1.799	1.472	1.174	0.947	0.798	0.718	0.689
4351	43.50	0.707	0.771	0.883	1.028	1.170	1.257	1.243	1.107	0.871	0.595
4361	43.60	0.357	0.220	0.208	0.284	0.386	0.443	0.414	0.314	0.201	0.152
4371	43.70	0.222	0.415	0.675	0.911	1.036	1.001	0.816	0.536	0.224	-0.068
4381	43.80	-0.334	-0.601	-0.902	-1.243	-1.587	-1.865	-2.003	-1.965	-1.776	-1.515
4391	43.90	-1.284	-1.162	-1.165	-1.266	-1.316	-1.290	-1.131	-0.862	-0.550	-0.269
4401	44.00	-0.056	0.104	0.268	0.496	0.808	1.162	1.463	1.607	1.522	1.212
4411	44.10	0.751	0.258	-0.160	-0.444	-0.604	-0.701	-0.807	-0.966	-1.170	-1.367
4421	44.20	-1.493	-1.504	-1.403	-1.237	-1.069	-0.948	-0.885	-0.847	-0.780	-0.638
4431	44.30	-0.408	-0.126	0.144	0.330	0.387	0.313	0.147	-0.047	-0.203	-0.278
4441	44.40	-0.259	-0.159	-0.005	0.175	0.358	0.530	0.677	0.786	0.838	0.821
4451	44.50	0.734	0.595	0.436	0.299	0.218	0.209	0.259	0.341	0.417	0.460
4461	44.60	0.466	0.436	0.394	0.367	0.290	0.203	0.069	-0.108	-0.293	-0.422
4471	44.70	-0.429	-0.275	0.019	0.369	0.651	0.740	0.571	0.160	-0.389	-0.925
4481	44.80	-1.308	-1.462	-1.403	-1.221	-1.038	-0.955	-1.010	-1.176	-1.384	-1.571
4491	44.90	-1.704	-1.795	-1.878	-1.973	-2.063	-2.094	-1.995	-1.725	-1.299	-0.794

Table 7—53—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1146 1401-GR-1-15 U-D (U-D) TONEGAWA ES. MAX. ACC. = -11.475 (GAL) T= 15.04 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	-0.319	0.032	0.220	0.272	0.266	0.281	0.357	0.472	0.561	0.555
4511	45.10	0.423	0.201	-0.022	-0.140	-0.085	0.152	0.510	0.894	1.219	1.441
4521	45.20	1.562	1.617	1.634	1.619	1.548	1.396	1.160	0.885	0.668	0.533
4531	45.30	0.582	0.773	1.016	1.195	1.217	1.053	0.753	0.423	0.175	0.081
4541	45.40	0.140	0.286	0.419	0.466	0.386	0.210	0.000	-0.174	-0.265	-0.262
4551	45.50	-0.185	-0.065	0.070	0.201	0.321	0.418	0.479	0.488	0.442	0.354
4561	45.60	0.260	0.197	0.188	0.220	0.242	0.182	-0.018	-0.377	-0.850	-1.340
4571	45.70	-1.736	-1.941	-1.932	-1.745	-1.472	-1.216	-1.042	-0.970	-0.955	-0.920
4581	45.80	-0.797	-0.556	-0.220	0.150	0.481	0.721	0.856	0.911	0.926	0.937
4591	45.90	0.955	0.964	0.937	0.857	0.737	0.612	0.530	0.524	0.591	0.689
4601	46.00	0.757	0.745	0.641	0.486	0.357	0.333	0.459	0.712	1.014	1.255
4611	46.10	1.342	1.239	0.981	0.657	0.370	0.196	0.150	0.196	0.264	0.297
4621	46.20	0.272	0.210	0.155	0.147	0.192	0.262	0.313	0.310	0.256	0.192
4631	46.30	0.175	0.249	0.407	0.597	0.734	0.745	0.603	0.368	0.070	-0.134
4641	46.40	-0.206	-0.154	-0.053	-0.011	-0.122	-0.424	-0.881	-1.403	-1.880	-2.227
4651	46.50	-2.411	-2.449	-2.396	-2.309	-2.225	-2.155	-2.087	-2.005	-1.904	-1.792
4661	46.60	-1.690	-1.619	-1.588	-1.592	-1.615	-1.632	-1.622	-1.570	-1.468	-1.319
4671	46.70	-1.134	-0.928	-0.721	-0.527	-0.351	-0.184	-0.013	0.176	0.383	0.583
4681	46.80	0.736	0.800	0.755	0.619	0.468	0.313	0.268	0.319	0.411	0.446
4691	46.90	0.330	0.021	-0.441	-0.935	-1.301	-1.405	-1.197	-0.731	-0.147	0.386
4701	47.00	0.741	0.880	0.858	0.793	0.804	0.959	1.248	1.602	1.926	2.143
4711	47.10	2.231	2.213	2.132	2.028	1.914	1.782	1.620	1.435	1.262	1.152
4721	47.20	1.144	1.242	1.403	1.552	1.618	1.563	1.404	1.199	1.018	0.903
4731	47.30	0.847	0.799	0.689	0.472	0.155	-0.202	-0.510	-0.694	-0.733	-0.669
4741	47.40	-0.594	-0.607	-0.772	-1.092	-1.506	-1.919	-2.237	-2.408	-2.430	-2.344
4751	47.50	-2.213	-2.093	-2.017	-1.990	-1.998	-2.023	-2.047	-2.056	-2.032	-1.962
4761	47.60	-1.823	-1.601	-1.292	-0.912	-0.495	-0.079	0.299	0.617	0.870	1.063
4771	47.70	1.204	1.296	1.335	1.316	1.243	1.135	1.027	0.955	0.951	1.020
4781	47.80	1.141	1.266	1.342	1.320	1.285	0.951	0.667	0.396	0.200	0.117
4791	47.90	0.153	0.280	0.446	0.599	0.700	0.743	0.751	0.769	0.842	0.993
4801	48.00	1.213	1.453	1.644	1.721	1.669	1.435	1.128	0.798	0.506	0.280
4811	48.10	0.109	-0.049	-0.240	-0.484	-0.760	-1.010	-1.163	-1.165	-1.012	-0.753
4821	48.20	-0.471	-0.252	-0.166	-0.149	-0.203	-0.224	-0.145	0.056	0.341	0.634
4831	48.30	0.847	0.921	0.849	0.676	0.481	0.341	0.300	0.361	0.486	0.622
4841	48.40	0.718	0.752	0.728	0.675	0.627	0.610	0.632	0.682	0.738	0.769
4851	48.50	0.753	0.678	0.550	0.393	0.242	0.138	0.111	0.167	0.284	0.407
4861	48.60	0.471	0.417	0.221	-0.102	-0.493	-0.875	-1.179	-1.365	-1.433	-1.316
4871	48.70	-1.350	-1.269	-1.172	-1.040	-0.866	-0.582	-0.272	0.035	0.277	0.406
4881	48.80	0.410	0.313	0.169	0.032	-0.057	-0.087	-0.070	-0.022	0.045	0.135
4891	48.90	0.262	0.430	0.624	0.807	0.925	0.935	0.820	0.605	0.343	0.099
4901	49.00	-0.077	-0.169	-0.198	-0.207	-0.237	-0.309	-0.412	-0.513	-0.573	-0.571
4911	49.10	-0.514	-0.436	-0.383	-0.394	-0.485	-0.643	-0.834	-1.017	-1.158	-1.241
4921	49.20	-1.270	-1.258	-1.221	-1.170	-1.110	-1.042	-0.968	-0.895	-0.837	-0.807
4931	49.30	-0.812	-0.849	-0.902	-0.949	-0.970	-0.956	-0.912	-0.857	-0.816	-0.810
4941	49.40	-0.847	-0.920	-1.013	-1.108	-1.196	-1.283	-1.385	-1.516	-1.682	-1.866
4951	49.50	-2.036	-2.152	-2.186	-2.133	-2.023	-1.906	-1.829	-1.831	-1.912	-2.037
4961	49.60	-2.151	-2.196	-2.133	-1.953	-1.674	-1.331	-0.960	-0.594	-0.258	0.025
4971	49.70	0.233	0.344	0.348	0.260	0.124	0.007	-0.014	0.111	0.393	0.788

Table 7—54—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1147 1401-GR-1-15 HD. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1	0.0	2.292	3.150	3.390	3.038	2.319	1.563	1.079	1.041	1.438	2.091
11	0.10	2.744	3.166	3.251	2.959	2.476	1.959	1.557	1.350	1.334	1.444
21	0.20	1.593	1.704	1.740	1.700	1.613	1.517	1.445	1.412	1.431	1.420
31	0.30	1.413	1.371	1.301	1.227	1.190	1.217	1.309	1.421	1.478	1.603
41	0.40	1.161	0.783	0.371	0.063	-0.027	0.137	0.486	0.870	1.121	1.129
51	0.50	0.901	0.559	0.293	0.265	0.532	1.005	1.481	1.733	1.608	1.106
61	0.60	0.389	-0.280	-0.644	-0.549	-0.014	0.787	1.588	2.132	2.257	1.962
71	0.70	1.298	0.513	-0.203	-0.709	-0.908	-0.809	-0.482	-0.039	0.393	0.703
81	0.80	0.817	0.722	0.467	0.159	-0.073	-0.124	0.051	0.407	0.830	1.173
91	0.90	1.315	1.207	0.894	0.486	0.111	-0.141	-0.249	-0.265	-0.263	-0.311
101	1.00	-0.412	-0.512	-0.528	-0.404	-0.151	0.140	0.333	0.312	0.063	-0.390
111	1.10	-0.809	-1.011	-0.856	-0.343	0.377	1.051	1.420	1.326	0.781	-0.035
121	1.20	-0.862	-1.376	-1.491	-1.211	-0.711	-0.233	0.027	-0.017	-0.299	-0.662
131	1.30	-0.933	-1.009	-0.695	-0.689	-0.515	-0.457	-0.511	-0.604	-0.630	-0.550
141	1.40	-0.395	-0.278	-0.323	-0.591	-1.027	-1.465	-1.697	-1.573	-1.076	-0.363
151	1.50	0.304	0.658	0.546	0.001	-0.768	-1.456	-1.778	-1.599	-0.963	-0.076
161	1.60	0.780	1.354	1.511	1.256	0.714	0.068	-0.507	-0.888	-1.022	-0.918
171	1.70	-0.634	-0.255	0.117	0.384	0.471	0.353	0.069	-0.276	-0.549	-0.636
181	1.80	-0.492	-0.169	0.202	0.461	0.496	0.293	-0.049	-0.355	-0.456	-0.265
191	1.90	0.177	0.714	1.135	1.264	1.039	0.532	-0.075	-0.570	-0.796	-0.713
201	2.00	-0.403	-0.026	0.251	0.322	0.186	-0.072	-0.328	-0.481	-0.496	-0.418
211	2.10	-0.336	-0.326	-0.416	-0.557	-0.650	-0.599	-0.368	-0.011	0.336	0.513
221	2.20	0.411	0.028	-0.515	-1.020	-1.296	-1.246	-0.920	-0.503	-0.235	-0.301
231	2.30	-0.761	-1.416	-2.054	-2.365	-2.166	-1.462	-0.468	0.489	1.090	1.152
241	2.40	0.698	-0.065	-0.861	-1.372	-1.539	-1.393	-1.110	-0.891	-0.865	-1.031
251	2.50	-1.276	-1.446	-1.431	-1.236	-0.974	-0.813	-0.827	-1.170	-1.569	-1.772
261	2.60	-1.597	-0.896	0.275	1.671	2.936	3.735	3.873	3.373	2.467	1.505
271	2.70	0.821	0.610	0.854	1.343	1.769	1.855	1.476	0.708	-0.199	-0.920
281	2.80	-1.187	-0.890	-0.121	0.869	1.765	2.304	2.366	2.001	1.390	0.768
291	2.90	0.327	0.161	0.269	0.481	0.722	0.857	0.831	0.653	0.376	0.070
301	3.00	-0.202	-0.396	-0.491	-0.483	-0.378	-0.193	0.048	0.315	0.525	0.794
311	3.10	0.942	0.994	0.938	0.762	0.476	0.107	-0.299	-0.683	-0.988	-1.179
321	3.20	-1.256	-1.254	-1.228	-1.226	-1.263	-1.312	-1.311	-1.194	-0.928	-0.536
331	3.30	-0.099	0.265	0.445	0.380	0.078	-0.327	-0.858	-1.231	-1.397	-1.321
341	3.40	-1.043	-0.666	-0.331	-0.171	-0.272	-0.629	-1.135	-1.597	-1.792	-1.548
351	3.50	-0.817	0.281	1.477	2.438	2.886	2.703	1.988	1.016	0.124	-0.414
361	3.60	-0.511	-0.279	0.036	0.191	0.067	-0.270	-0.610	-0.714	-0.449	0.133
371	3.70	0.811	1.305	1.418	1.145	0.675	0.294	0.229	0.513	0.950	1.201
381	3.80	0.950	0.086	-1.211	-2.512	-3.305	-3.210	-2.150	-0.389	1.562	3.153
391	3.90	3.998	4.009	3.393	2.532	1.798	1.406	1.341	1.415	1.382	1.079
401	4.00	0.509	-0.162	-0.692	-0.876	-0.655	-0.137	0.443	0.830	0.856	0.512
411	4.10	-0.054	-0.610	-0.939	-0.942	-0.673	-0.312	-0.079	-0.121	-0.442	-0.885
421	4.20	-1.208	-1.192	-0.759	-0.026	0.729	1.177	1.090	0.456	-0.490	-1.349
431	4.30	-1.721	-1.380	-0.382	0.942	2.114	2.709	2.528	1.681	0.531	-0.469
441	4.40	-0.978	-0.913	-0.474	-0.065	0.005	-0.513	-1.493	-2.574	-3.282	-3.234
451	4.50	-2.292	-0.636	1.303	2.996	3.998	4.086	3.517	1.974	0.457	-0.857
461	4.60	-1.715	-2.040	-1.914	-1.521	-1.076	-0.761	-0.674	-0.821	-1.113	-1.399
471	4.70	-1.506	-1.293	-0.700	0.213	1.265	2.193	2.724	2.674	2.025	0.954
481	4.80	-0.206	-1.071	-1.347	-0.947	-0.048	0.959	1.599	1.692	0.509	-1.166
491	4.90	-3.087	-4.703	-5.560	-5.466	-4.543	-3.168	-1.806	-0.824	-0.361	-0.308

Table 7—54—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1147 1401-GR-1-15 HD. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
501	5.00	-0.400	-0.374	-0.114	0.307	0.655	0.678	0.241	-0.589	-1.557	-2.328
511	5.10	-2.632	-2.370	-1.646	-0.700	0.209	0.918	1.400	1.742	2.047	2.355
521	5.20	2.594	2.614	2.276	1.548	0.553	-0.460	-1.186	-1.399	-1.026	-0.178
531	5.30	0.904	1.940	2.710	3.117	3.190	3.065	2.821	2.629	2.522	2.500
541	5.40	2.536	2.588	2.637	2.670	2.676	2.631	2.479	2.134	1.491	0.467
551	5.50	-0.959	-2.693	-4.508	-6.064	-6.988	-6.987	-5.963	-4.080	-1.745	0.506
561	5.60	2.183	3.004	2.991	2.436	1.758	1.331	1.303	1.553	1.754	1.539
571	5.70	0.685	-0.776	-2.552	-4.201	-5.303	-5.603	-5.084	-3.944	-2.495	-1.052
581	5.80	0.149	0.980	1.408	1.472	1.267	0.938	0.675	0.673	1.065	1.837
591	5.90	2.792	3.572	3.781	3.151	1.681	-0.306	-2.251	-3.553	-3.793	-2.904
601	6.00	-1.198	0.763	2.387	3.279	3.366	2.885	2.243	1.822	1.822	2.210
611	6.10	2.777	3.266	3.500	3.467	3.203	2.909	2.658	2.440	2.150	1.652
621	6.20	0.854	-0.236	-1.503	-2.761	-3.814	-4.512	-4.785	-4.639	-4.150	-3.434
631	6.30	-2.630	-1.878	-1.294	-0.946	-0.831	-0.870	-0.929	-0.861	-0.569	-0.038
641	6.40	0.648	1.334	1.852	2.074	1.951	1.519	0.874	0.136	-0.585	-1.203
651	6.50	-1.667	-1.960	-2.102	-2.158	-2.233	-2.449	-2.897	-3.580	-4.378	-5.051
661	6.60	-5.308	-4.915	-3.800	-2.116	-0.218	1.449	2.503	2.765	2.321	1.486
671	6.70	0.678	0.248	0.361	0.949	1.769	2.521	2.980	3.069	2.856	2.485
681	6.80	2.080	1.678	1.223	0.620	-0.180	-1.120	-2.024	-2.658	-2.823	-2.440
691	6.90	-1.595	-0.504	0.559	1.370	1.815	1.915	1.779	1.536	1.266	0.972
701	7.00	0.595	0.064	-0.653	-1.513	-2.408	-3.201	-3.778	-4.082	-4.128	-3.981
711	7.10	-3.729	-3.448	-3.186	-2.963	-2.781	-2.635	-2.522	-2.437	-2.378	-2.368
721	7.20	-2.356	-2.414	-2.543	-2.732	-2.921	-2.985	-2.757	-2.070	-0.839	0.879
731	7.30	2.859	4.744	6.152	6.798	6.600	5.720	4.510	3.382	2.466	2.483
741	7.40	2.723	3.093	3.256	2.964	2.151	0.956	-0.345	-1.441	-2.083	-2.144
751	7.50	-1.623	-0.611	0.757	2.329	3.945	5.436	6.634	7.400	7.676	7.517
761	7.60	7.093	6.631	6.316	6.197	6.136	5.844	4.993	3.367	0.986	-1.861
771	7.70	-4.681	-6.941	-8.242	-8.449	-7.715	-6.398	-4.918	-3.613	-2.651	-2.037
781	7.80	-1.680	-1.479	-1.380	-1.378	-1.468	-1.590	-1.610	-1.358	-0.702	0.366
791	7.90	1.692	2.992	3.946	4.312	4.008	3.139	1.937	0.676	-0.419	-1.219
801	8.00	-1.685	-1.835	-1.705	-1.342	-0.827	-0.292	0.076	0.092	-0.343	-1.155
811	8.10	-2.074	-2.700	-2.646	-1.709	0.010	2.098	3.961	5.034	5.001	3.921
821	8.20	2.207	0.467	-0.727	-1.047	-0.505	0.581	1.742	2.543	2.729	2.281
831	8.30	1.369	0.253	-0.821	-1.678	-2.258	-2.440	-2.318	-1.895	-1.263	-0.581
841	8.40	-0.074	0.023	-0.646	-1.486	-2.910	-4.376	-5.488	-5.914	-5.696	-4.279
851	8.50	-2.503	-0.497	1.615	2.993	4.120	4.796	5.108	5.181	5.149	5.119
861	8.60	5.148	5.226	5.273	5.161	4.764	4.027	3.021	1.950	1.100	0.720
871	8.70	0.897	1.477	2.073	2.196	1.443	-0.313	-2.817	-5.486	-7.592	-8.519
881	8.80	-8.005	-6.241	-3.814	-1.499	0.019	0.369	-0.606	-1.911	-3.580	-4.895
891	8.90	-5.562	-5.564	-5.110	-4.502	-4.005	-3.759	-3.766	-3.935	-4.149	-4.306
901	9.00	-4.337	-4.182	-3.781	-3.071	-2.026	-0.696	0.771	2.169	3.203	3.780
911	9.10	3.878	3.456	3.382	3.314	3.594	4.176	4.844	5.296	5.276	4.678
921	9.20	3.608	2.328	1.169	0.397	0.131	0.308	0.737	1.179	1.446	1.451
931	9.30	1.232	0.895	0.560	0.306	0.143	0.019	-0.152	-0.448	-0.905	-1.498
941	9.40	-2.168	-2.740	-3.160	-3.329	-3.235	-2.939	-2.559	-2.226	-2.036	-2.011
951	9.50	-2.087	-2.253	-2.109	-1.926	-1.672	-1.483	-1.493	-1.743	-2.163	-2.690
961	9.60	-2.561	-2.243	-1.612	-0.962	-0.588	-0.823	-1.674	-2.867	-3.917	-4.324
971	9.70	-3.815	-2.675	-0.746	0.768	1.568	1.489	0.772	-0.063	-0.489	-0.244
981	9.80	0.530	1.354	1.677	1.183	0.006	-1.293	-1.971	-1.472	0.262	2.713
991	9.90	4.978	6.170	5.830	4.169	1.994	0.369	0.135	1.533	4.085	6.794

Table 7—54—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1001	10.00	8.575	8.705	7.103	4.325	1.286	-1.136	-2.443	-2.642	-2.140	-1.474
1011	10.10	-1.028	-0.886	-0.852	-0.630	-0.022	0.950	2.067	3.057	3.769	4.266
1021	10.20	6.788	5.598	6.794	8.182	9.296	9.546	8.458	5.849	1.920	-2.810
1031	10.30	-7.662	-15.980	-15.266	-17.213	-17.696	-16.702	-14.315	-10.726	-6.275	-1.465
1041	10.40	3.091	6.785	9.172	10.093	9.711	8.451	6.851	5.399	4.406	3.958
1051	10.50	3.968	4.147	4.278	4.065	3.276	1.747	-0.557	-3.486	-6.473	-9.567
1061	10.60	-11.561	-12.180	-11.272	-9.100	-6.296	-3.658	-1.864	-1.224	-1.527	-2.325
1071	10.70	-2.930	-2.707	-1.540	0.321	2.349	3.988	4.886	5.015	4.629	4.091
1081	10.80	3.682	3.476	3.347	3.096	2.599	1.923	1.306	1.041	1.312	2.081
1091	10.90	3.079	3.926	4.307	4.124	3.547	2.935	2.662	2.939	3.697	4.603
1101	11.00	5.189	5.034	3.936	1.985	-0.442	-2.815	-4.599	-5.400	-5.057	-3.656
1111	11.10	-1.494	1.015	3.434	5.406	6.716	7.311	7.285	6.805	6.036	5.067
1121	11.20	3.886	2.408	0.554	-1.657	-4.044	-6.259	-7.869	-8.479	-7.880	-6.134
1131	11.30	-3.592	-0.804	1.631	3.236	3.797	3.406	2.423	1.341	0.612	0.484
1141	11.40	0.906	1.532	1.830	1.273	-0.462	-3.340	-6.930	-10.509	-13.262	-14.530
1151	11.50	-14.010	-11.836	-8.509	-4.725	-1.150	1.746	3.751	4.865	5.181	4.771
1161	11.60	3.668	1.804	-0.682	-3.558	-6.383	-8.615	-9.775	-9.625	-8.263	-6.112
1171	11.70	-3.772	-1.818	-0.602	-0.153	-0.192	-0.266	0.063	1.043	2.622	4.451
1181	11.80	5.981	6.634	5.995	3.979	0.907	-2.533	-5.447	-6.991	-6.646	-4.619
1191	11.90	-0.888	2.946	5.976	7.362	6.829	4.769	2.090	-0.133	-1.065	-0.421
1201	12.00	1.452	3.766	5.632	6.463	6.191	5.271	4.450	4.412	5.467	7.415
1211	12.10	9.630	11.321	11.849	10.965	8.085	6.180	3.569	1.681	0.894	1.273
1221	12.20	2.607	4.690	6.415	7.853	8.318	7.458	5.136	1.509	-2.961	-7.527
1231	12.30	-11.581	-14.369	-15.687	-15.210	-14.977	-14.191	-13.956	-14.563	-15.894	-17.697
1241	12.40	-18.769	-19.186	-18.669	-16.648	-13.999	-10.921	-7.804	-4.947	-2.535	-0.652
1251	12.50	0.704	1.635	2.361	3.212	4.556	6.656	9.510	12.744	15.655	17.409
1261	12.60	17.352	15.523	11.793	7.774	4.482	3.303	5.288	7.767	9.486	
1271	12.70	9.513	7.609	4.304	0.651	-2.227	-3.603	-3.402	-2.175	-0.798	-0.066
1281	12.80	-0.368	-1.576	-3.185	-4.601	-5.431	-5.628	-5.443	-5.227	-5.207	-5.347
1291	12.90	-5.381	-4.969	-3.905	-2.258	-0.379	1.228	2.107	2.025	1.057	-0.454
1301	13.00	-2.015	-3.140	-3.476	-2.872	-1.393	0.698	2.995	5.017	6.297	6.487
1311	13.10	5.453	3.323	0.458	-2.649	-5.521	-7.830	-9.466	-10.403	-10.781	-10.591
1321	13.20	-9.725	-8.001	-5.300	-1.702	2.438	6.540	9.957	12.178	12.982	12.472
1331	13.30	10.986	8.934	6.649	4.311	1.976	-0.338	-2.571	-4.619	-6.384	-7.861
1341	13.40	-9.175	-10.516	-11.999	-13.511	-14.640	-14.768	-13.303	-9.970	-5.016	0.786
1351	13.50	6.362	10.711	13.272	14.127	13.927	13.591	13.892	15.124	17.001	18.817
1361	13.60	19.799	19.479	17.925	15.712	13.665	12.486	12.433	13.188	13.972	13.882
1371	13.70	12.252	8.964	4.532	-0.033	-3.564	-5.130	-4.368	-1.651	2.098	5.489
1381	13.80	7.271	6.630	3.665	-1.576	-7.294	-12.323	-15.563	-16.517	-15.418	-13.088
1391	13.90	-10.598	-8.851	-8.253	-8.607	-9.267	-9.475	-8.730	-7.030	-4.872	-3.017
1401	14.00	-2.134	-2.475	-3.259	-5.298	-6.311	-6.291	-5.233	-3.635	-2.267	-1.624
1411	14.10	-2.631	-4.534	-7.020	-9.695	-11.575	-13.215	-14.673	-16.246	-18.014	-19.675
1421	14.20	-20.602	-20.101	-17.746	-13.852	-8.409	-3.069	1.417	4.659	6.029	6.590
1431	14.30	6.824	7.278	8.120	9.095	9.708	9.518	8.398	6.632	4.815	3.598
1441	14.40	3.426	4.380	6.185	8.373	10.484	12.228	13.527	14.649	15.102	15.561
1451	14.50	15.865	16.077	16.333	16.818	17.653	18.736	19.635	19.626	17.901	15.890
1461	14.60	7.574	-0.372	-8.690	-15.886	-20.702	-22.516	-21.518	-18.594	-14.953	-11.680
1471	14.70	-9.372	-8.008	-7.078	-5.889	-3.909	-0.995	2.575	6.255	9.477	11.872
1481	14.80	13.372	14.158	14.515	14.650	14.582	14.145	13.072	11.146	8.502	6.675
1491	14.90	0.548	-3.737	-7.884	-11.691	-15.051	-17.891	-20.122	-21.610	-22.213	-21.847

Table 7—54—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
1501	15.00	-20.569	-18.613	-16.355	-14.214	-12.514	-11.381	-10.689	-10.120	-9.282	-7.862
1511	15.10	-5.740	-3.028	-0.020	2.908	5.418	7.282	8.407	8.797	8.508	7.613
1521	15.20	6.221	4.483	2.619	0.887	-0.485	-1.393	-1.911	-2.280	-2.860	-3.675
1531	15.30	-4.873	-6.085	-6.805	-6.533	-4.996	-2.295	1.099	4.517	7.363	9.356
1541	15.40	10.628	11.626	12.869	14.564	16.505	18.082	18.421	16.827	13.108	7.733
1551	15.50	1.720	-3.692	-7.174	-9.145	-8.896	-7.442	-5.694	-4.390	-3.846	-3.919
1561	15.60	-4.176	-4.181	-3.227	-2.628	-1.439	-0.387	0.435	1.055	1.753	2.794
1571	15.70	4.260	5.957	7.483	8.302	8.155	7.010	5.145	3.081	1.208	-0.244
1581	15.80	-1.336	-2.355	-3.630	-5.357	-7.494	-9.779	-11.851	-13.413	-14.334	-14.783
1591	15.90	-14.968	-15.225	-15.808	-16.843	-18.322	-20.115	-21.988	-23.612	-24.563	-24.358
1601	16.00	-22.547	-18.843	-13.250	-6.132	1.843	9.859	17.188	23.279	28.034	31.552
1611	16.10	34.076	35.817	36.864	37.216	36.890	36.028	34.921	33.900	33.153	32.564
1621	16.20	31.677	29.858	26.593	21.791	15.951	10.056	5.239	2.327	1.472	2.061
1631	16.30	2.835	2.547	0.275	-4.134	-10.043	-16.301	-21.701	-25.413	-27.223	-27.492
1641	16.40	-26.896	-26.093	-25.466	-25.061	-24.897	-24.173	-23.437	-22.634	-22.016	-21.781
1651	16.50	-21.932	-22.228	-22.267	-21.636	-20.059	-17.477	-14.027	-9.969	-5.487	-0.825
1661	16.60	3.906	8.574	12.991	16.897	19.998	22.051	22.933	22.680	21.462	19.512
1671	16.70	17.055	14.260	11.236	8.047	4.882	1.844	-0.804	-2.833	-4.075	-4.675
1681	16.80	-4.124	-3.237	-2.096	-0.984	-0.100	0.480	0.823	1.098	1.510	2.202
1691	16.90	3.179	4.274	5.171	5.497	4.942	3.372	0.883	-2.219	-5.502	-8.529
1701	17.00	-10.947	-12.539	-13.206	-12.920	-11.914	-9.662	-6.930	-3.804	-0.674	2.036
1711	17.10	4.106	5.452	6.362	7.298	8.709	10.776	13.260	15.519	16.737	16.272
1721	17.20	13.977	10.336	6.331	3.081	1.386	1.390	2.510	3.669	3.755	2.083
1731	17.30	-1.321	-5.747	-10.113	-13.423	-15.143	-15.357	-14.627	-13.657	-12.927	-12.480
1741	17.40	-11.940	-10.763	-8.556	-5.318	-1.502	2.182	5.058	6.772	7.438	7.567
1751	17.50	7.836	8.801	10.670	13.242	15.992	18.280	19.555	19.507	18.105	15.547
1761	17.60	12.150	8.249	4.126	-0.020	-4.082	-7.916	-11.509	-14.748	-17.498	-19.584
1771	17.70	-20.826	-21.083	-20.320	-18.646	-16.306	-13.619	-10.872	-8.223	-5.660	-3.041
1781	17.80	-0.201	2.908	6.137	9.149	11.543	13.025	13.557	13.392	12.982	12.778
1791	17.90	13.022	13.624	14.191	14.193	13.201	11.076	8.036	4.562	1.199	-1.661
1801	18.00	-3.905	-5.897	-7.349	-9.145	-11.205	-13.449	-15.663	-17.622	-19.198	-20.360
1811	18.10	-21.224	-21.734	-21.776	-21.064	-19.246	-16.066	-11.523	-5.957	-0.015	5.503
1821	18.20	9.868	12.829	13.737	13.541	12.651	11.735	11.299	11.550	12.347	13.283
1831	18.30	13.831	13.519	12.664	9.439	5.853	1.680	-2.637	-6.882	-10.009	-12.365
1841	18.40	-13.508	-13.338	-11.921	-9.531	-6.642	-3.839	-1.667	-0.452	-0.160	-0.386
1851	18.50	-0.480	0.207	2.051	4.970	8.415	11.551	13.566	13.979	12.825	10.624
1861	18.60	8.169	6.203	5.142	4.951	5.218	5.378	4.982	3.883	2.263	0.510
1871	18.70	-0.992	-2.047	-2.718	-3.265	-3.988	-5.056	-6.414	-7.796	-8.862	-9.254
1881	18.80	-8.915	-7.926	-6.552	-5.111	-3.862	-2.939	-2.350	-2.026	-1.886	-1.877
1891	18.90	-1.998	-2.259	-2.651	-3.115	-3.540	-3.785	-3.717	-3.242	-2.332	-1.028
1901	19.00	0.571	2.336	4.120	5.810	7.324	8.837	9.744	10.742	11.588	12.261
1911	19.10	12.642	12.546	11.767	10.163	7.723	4.622	1.205	-2.075	-4.785	-6.631
1921	19.20	-7.564	-7.803	-7.776	-7.092	-6.866	-10.564	-12.913	-15.416	-17.359	-18.016
1931	19.30	-16.883	-13.760	-9.040	-3.451	2.010	6.358	8.887	9.363	8.076	5.741
1941	19.40	3.259	1.425	0.677	0.966	1.802	2.459	2.251	0.806	-1.788	-4.991
1951	19.50	-7.987	-9.944	-10.280	-8.826	-5.863	-2.007	1.980	5.402	7.796	9.014
1961	19.60	9.223	8.832	8.379	8.398	9.281	11.173	13.899	16.991	19.793	21.660
1971	19.70	22.175	21.316	19.480	17.384	15.684	14.882	14.926	15.305	15.245	14.053
1981	19.80	11.453	7.761	3.688	0.215	-2.019	-2.926	-3.054	-3.353	-4.756	-7.747
1991	19.90	-12.125	-17.055	-21.402	-24.175	-24.911	-23.811	-21.806	-19.215	-17.376	-16.388

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TABLE OF CORRECTED ACCELERATION RECORD

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC) NO. 5

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2001	20.00	-16.102	-16.071	-15.826	-15.095	-13.892	-12.456	-11.101	-10.065	-9.443	-9.200
2011	20.10	-9.241	-9.471	-9.797	-10.093	-10.157	-9.713	-8.502	-6.804	-3.552	-0.351
2021	20.20	2.626	4.830	5.940	5.985	5.317	4.454	3.866	3.785	4.172	4.773
2031	20.30	5.306	5.616	5.759	5.960	6.476	7.453	8.638	10.403	11.852	12.955
2041	20.40	13.643	13.998	14.169	14.252	14.208	13.867	13.018	11.538	9.495	7.168
2051	20.50	4.966	3.282	2.344	2.139	2.417	2.800	2.916	2.525	1.571	0.167
2061	20.60	-1.480	-3.154	-4.690	-5.994	-7.018	-7.729	-8.078	-8.003	-7.444	-6.373
2071	20.70	-6.819	-7.868	-8.661	-9.622	-9.779	-9.602	-9.895	-9.518	-8.919	-8.084
2081	20.80	5.537	4.316	3.368	2.953	3.119	3.655	4.132	4.024	2.886	0.521
2091	20.90	-2.922	-6.972	-10.965	-14.236	-16.317	-17.057	-16.639	-15.496	-14.149	-13.049
2101	21.00	-12.458	-12.394	-12.659	-12.908	-12.745	-11.821	-9.911	-6.978	-3.209	0.992
2111	21.10	5.052	8.342	10.318	10.668	9.439	6.951	3.911	1.043	-1.018	-1.914
2121	21.20	-1.650	-0.555	0.868	2.025	2.598	2.468	1.726	0.775	0.003	-0.252
2131	21.30	0.175	1.228	2.652	4.073	5.106	5.475	5.092	4.055	2.752	1.442
2141	21.40	0.524	0.091	0.120	0.420	0.758	0.988	1.129	1.364	1.942	3.039
2151	21.50	4.634	6.474	8.148	9.245	9.529	9.042	8.081	7.063	6.327	5.976
2161	21.60	5.830	5.524	4.696	3.178	1.097	-1.177	-3.204	-4.694	-5.658	-6.413
2171	21.70	-7.427	-9.074	-11.407	-14.070	-16.389	-17.622	-17.251	-15.204	-11.903	-8.115
2181	21.80	-4.676	-2.189	-0.841	-0.382	-0.279	0.033	0.920	2.418	4.267	6.057
2191	21.90	7.434	8.259	8.666	8.936	9.582	10.670	12.190	13.788	14.922	15.038
2201	22.00	13.774	11.100	7.362	3.196	-0.647	-3.518	-5.057	-5.280	-4.554	-3.656
2211	22.10	-2.570	-2.293	-2.719	-3.633	-4.618	-5.230	-5.172	-4.401	-3.127	-1.722
2221	22.20	-0.559	0.122	0.298	0.144	-0.064	-0.079	0.202	0.704	1.207	1.449
2231	22.30	1.242	0.556	-0.463	-1.537	-2.357	-2.680	-2.406	-1.604	-0.483	0.671
2241	22.40	1.570	1.995	1.842	1.141	0.047	-1.187	-2.268	-2.923	-2.974	-2.392
2251	22.50	-1.331	-0.102	0.891	1.256	0.728	-0.178	-2.593	-5.640	-8.238	-10.387
2261	22.60	-11.843	-12.585	-12.692	-12.459	-12.083	-11.680	-11.236	-10.639	-9.757	-8.515
2271	22.70	-6.943	-5.159	-3.311	-1.505	0.242	1.996	3.846	5.819	7.823	9.641
2281	22.80	11.002	11.691	11.658	11.063	10.240	9.569	9.334	9.598	10.167	10.662
2291	22.90	10.681	9.862	8.200	5.873	3.275	0.859	-1.000	-2.101	-2.442	-2.174
2301	23.00	-1.526	-0.722	0.071	0.757	1.301	1.703	1.983	2.171	2.300	2.399
2311	23.10	2.478	2.521	2.482	2.302	1.930	1.350	0.576	-0.357	-1.436	-2.694
2321	23.20	-4.206	-6.050	-8.235	-10.660	-12.977	-14.839	-15.797	-15.540	-13.987	-11.331
2331	23.30	-7.999	-4.522	-1.375	1.151	3.008	4.360	5.470	6.527	7.795	9.078
2341	23.40	10.255	11.110	11.477	11.290	10.607	9.566	8.342	7.085	5.691	4.799
2351	23.50	3.807	2.897	2.059	1.306	0.881	0.249	0.089	0.265	0.803	1.662
2361	23.60	2.711	3.743	4.504	4.756	4.350	3.281	1.712	-0.060	-1.674	-2.808
2371	23.70	-3.268	-3.045	-2.308	-1.357	-0.528	-0.098	-0.211	-0.849	-1.850	-2.963
2381	23.80	-3.920	-4.512	-4.642	-4.338	-3.742	-3.063	-2.515	-2.260	-2.356	-2.746
2391	23.90	-3.274	-3.726	-3.901	-3.665	-2.992	-1.973	-0.786	0.358	1.273	1.850
2401	24.00	2.075	2.021	1.806	1.568	1.325	1.156	1.007	0.822	0.556	0.208
2411	24.10	-0.180	-0.526	-0.751	-0.806	-0.699	-0.497	-0.302	-0.211	-0.276	-0.475
2421	24.20	-0.708	-0.821	-0.653	-0.686	-0.912	-1.266	-1.801	-2.275	-2.422	-2.000
2431	24.30	6.838	5.853	4.066	1.597	-1.537	-4.544	-7.686	-10.523	-12.841	-14.514
2441	24.40	-15.526	-15.979	-16.062	-16.014	-16.049	-16.281	-16.676	-17.034	-17.032	-16.320
2451	24.50	-14.634	-11.905	-8.313	-4.262	-0.275	3.163	5.748	7.452	8.511	9.324
2461	24.60	10.292	11.659	13.428	15.375	17.147	18.415	18.989	18.872	18.210	17.189
2471	24.70	15.928	14.430	12.609	10.386	7.802	5.069	2.544	0.614	-0.460	-0.669
2481	24.80	-0.178	0.559	1.160	1.370	1.165	0.732	0.360	0.292	0.620	1.257
2491	24.90	2.092	2.647	3.068	3.265	3.315	3.297	3.214	2.986	2.492	1.661

Table 7—54—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
2501	25.00	0.546	-0.671	-1.740	-2.454	-2.754	-2.761	-2.727	-2.917	-3.473	-4.361
2511	25.10	-5.288	-6.001	-6.227	-5.892	-5.130	-4.225	-3.500	-3.188	-3.363	-3.960
2521	25.20	-4.741	-5.576	-6.311	-6.888	-7.298	-7.553	-7.659	-7.621	-7.445	-7.253
2531	25.30	-7.071	-6.978	-6.953	-6.866	-6.488	-5.592	-4.042	-1.888	0.610	3.053
2541	25.40	5.019	6.203	6.506	6.025	4.997	3.665	2.190	0.623	-1.057	-2.857
2551	25.50	-4.699	-6.398	-7.730	-8.523	-8.756	-8.588	-8.299	-8.161	-8.303	-8.624
2561	25.60	-8.832	-8.458	-7.231	-5.029	-2.062	1.288	4.417	6.878	8.627	9.097
2571	25.70	9.150	8.957	8.868	9.015	9.475	10.115	10.770	11.306	11.666	11.865
2581	25.80	11.962	11.912	11.757	11.325	10.581	9.456	7.997	6.354	4.751	3.627
2591	25.90	2.562	2.232	2.384	2.857	3.631	3.885	4.046	3.816	3.174	2.165
2601	26.00	0.876	-0.573	-2.053	-3.378	-4.420	-5.031	-5.136	-4.741	-3.966	-3.006
2611	26.10	-2.087	-1.389	-0.990	-0.845	-0.796	-0.690	-0.628	-0.047	0.274	0.282
2621	26.20	-0.249	-1.607	-3.083	-4.991	-6.757	-8.052	-8.703	-8.720	-8.463	-8.093
2631	26.30	-7.923	-8.071	-8.681	-8.966	-9.282	-9.256	-8.819	-8.046	-7.101	-6.177
2641	26.40	-5.431	-4.946	-4.704	-4.617	-4.530	-4.252	-3.592	-2.391	-0.576	1.806
2651	26.50	4.563	7.381	9.892	11.774	12.856	13.164	12.931	12.499	12.197	12.217
2661	26.60	12.537	12.936	13.068	12.660	11.330	9.280	6.595	3.872	0.882	-1.529
2671	26.70	-3.321	-4.472	-5.066	-5.163	-4.952	-4.512	-3.903	-3.138	-2.198	-1.068
2681	26.80	0.347	1.990	3.826	5.721	7.462	8.784	9.425	9.193	8.024	6.022
2691	26.90	3.438	0.619	-2.078	-4.381	-6.163	-7.466	-8.472	-9.425	-10.542	-11.921
2701	27.00	-13.489	-15.010	-16.137	-16.511	-15.877	-14.168	-11.548	-8.373	-5.108	-2.199
2711	27.10	0.047	1.530	2.569	2.838	3.265	3.926	4.985	6.372	8.007	9.656
2721	27.20	11.099	12.153	12.700	12.688	12.128	11.091	9.700	8.125	6.543	5.114
2731	27.30	3.905	2.870	1.851	0.628	-0.986	-3.055	-5.432	-7.871	-9.894	-11.129
2741	27.40	-11.333	-10.500	-8.879	-6.888	-4.997	-3.578	-2.802	-2.604	-2.704	-2.727
2751	27.50	-2.299	-1.172	0.703	3.152	5.809	8.206	9.888	10.538	10.076	8.495
2761	27.60	6.822	4.998	3.719	3.271	3.643	4.530	5.445	5.903	5.595	4.506
2771	27.70	2.905	1.233	-0.074	-0.751	-0.794	-0.439	-0.048	0.040	-0.368	-1.267
2781	27.80	-2.514	-3.903	-5.275	-6.562	-7.779	-8.956	-10.076	-11.041	-11.704	-11.929
2791	27.90	-11.672	-11.009	-10.109	-9.159	-8.268	-7.407	-6.415	-5.070	-3.197	-0.760
2801	28.00	2.094	5.063	7.775	9.888	11.167	11.519	10.969	9.624	7.630	5.152
2811	28.10	2.378	-0.675	-3.165	-5.657	-7.168	-8.220	-8.656	-8.627	-8.335	-7.968
2821	28.20	-7.643	-7.375	-7.113	-6.758	-6.221	-5.450	-4.439	-3.218	-1.846	-0.402
2831	28.30	1.015	2.290	3.309	3.988	4.339	4.390	4.361	4.517	4.992	5.892
2841	28.40	7.154	8.580	9.905	10.890	11.408	11.468	11.322	10.752	10.189	9.560
2851	28.50	8.743	7.595	6.020	4.026	1.746	-0.608	-2.822	-4.280	-4.456	-3.944
2861	28.60	-9.369	-10.820	-12.286	-13.659	-14.767	-15.448	-15.593	-15.193	-14.205	-13.011
2871	28.70	-11.383	-9.460	-7.268	-4.860	-2.343	0.111	2.301	4.059	5.310	6.096
2881	28.80	6.559	6.872	7.163	7.457	7.668	7.649	7.276	6.526	5.509	4.444
2891	28.90	3.575	3.075	2.976	3.161	3.417	3.540	3.422	3.103	2.742	2.555
2901	29.00	2.496	3.191	3.925	4.691	5.279	5.566	5.555	5.369	5.089	4.860
2911	29.10	4.644	4.319	3.719	2.712	1.265	-0.535	-2.516	-4.192	-6.317	-7.918
2921	29.20	-9.247	-10.335	-11.047	-11.270	-10.862	-9.742	-7.962	-5.727	-3.359	-1.197
2931	29.30	0.511	1.689	2.446	3.004	3.620	4.481	5.505	6.842	8.134	9.288
2941	29.40	10.210	10.870	11.277	11.433	11.313	10.861	10.033	8.852	7.326	5.632
2951	29.50	3.874	2.129	0.409	-1.319	-3.089	-4.872	-6.551	-7.939	-8.842	-9.168
2961	29.60	-8.881	-8.213	-7.407	-6.723	-6.331	-6.251	-6.346	-6.483	-6.419	-6.072
2971	29.70	-5.447	-4.636	-3.763	-2.933	-2.196	-1.560	-1.014	-0.568	-0.267	-0.174
2981	29.80	-0.333	-0.724	-1.243	-1.716	-1.961	-1.757	-1.104	-0.048	1.232	2.496
2991	29.90	3.516	4.144	4.562	4.240	4.097	4.036	4.263	4.825	5.627	6.249

Table 7—54—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3001	30.00	7.011	7.059	6.451	5.202	3.492	1.610	-0.124	-1.451	-2.236	-2.488
3011	30.10	-2.336	-1.968	-1.574	-1.290	-1.188	-1.277	-1.528	-1.885	-2.278	-2.615
3021	30.20	-2.792	-2.708	-2.301	-1.582	-0.660	0.277	1.009	1.367	1.292	0.871
3031	30.30	0.301	-0.189	-0.431	-0.391	-0.181	0.001	-0.039	-0.390	-0.997	-1.684
3041	30.40	-2.245	-2.562	-2.587	-2.536	-2.617	-3.017	-3.774	-4.741	-5.624	-6.099
3051	30.50	-5.938	-5.098	-3.743	-2.164	-0.671	0.523	1.366	1.945	2.421	2.926
3061	30.60	3.501	4.074	4.509	4.676	4.519	4.092	3.535	3.024	2.701	2.628
3071	30.70	2.772	3.031	3.271	3.380	3.294	3.019	2.611	2.163	1.761	1.464
3081	30.80	1.269	1.108	0.864	0.402	-0.376	-1.479	-2.809	-4.166	-5.307	-6.018
3091	30.90	-6.186	-5.833	-5.100	-4.185	-3.268	-2.446	-1.725	-1.050	-0.367	0.318
3101	31.00	0.929	1.353	1.511	1.417	1.205	1.090	1.283	1.895	2.878	4.034
3111	31.10	5.092	5.822	6.136	6.117	5.987	5.996	6.307	6.910	7.614	8.111
3121	31.20	8.095	7.376	5.953	4.021	1.903	-0.051	-1.575	-2.558	-3.066	-3.303
3131	31.30	-3.544	-4.036	-4.915	-6.179	-7.666	-9.124	-10.286	-10.969	-11.134	-10.909
3141	31.40	-10.533	-10.266	-10.262	-10.519	-10.846	-10.962	-10.516	-9.407	-7.660	-5.508
3151	31.50	-3.283	-1.280	0.349	1.651	2.716	3.764	4.822	5.763	6.322	6.208
3161	31.60	5.253	3.513	1.286	-0.976	-2.826	-3.971	-4.360	-4.171	-3.709	-3.269
3171	31.70	-3.029	-3.013	-3.127	-3.242	-3.267	-3.166	-2.933	-2.526	-1.824	-0.667
3181	31.80	1.172	3.678	6.713	9.912	12.792	14.911	16.019	16.153	15.611	14.820
3191	31.90	14.152	13.769	13.554	13.167	12.204	10.373	7.634	4.229	0.607	-2.730
3201	32.00	-5.384	-7.167	-8.122	-8.457	-8.442	-8.309	-8.196	-8.144	-8.128	-8.099
3211	32.10	-8.004	-7.793	-7.400	-6.739	-5.722	-4.300	-2.500	-0.454	1.620	3.476
3221	32.20	4.907	5.829	6.285	6.423	6.426	6.431	6.474	6.487	6.343	5.930
3231	32.30	5.215	4.275	3.268	2.379	1.735	1.363	1.176	1.013	0.703	0.131
3241	32.40	-0.727	-1.802	-2.970	-4.103	-5.112	-5.968	-6.695	-7.345	-7.969	-8.592
3251	32.50	-9.210	-9.789	-10.285	-10.647	-10.825	-10.775	-10.455	-9.836	-8.905	-7.678
3261	32.60	-6.201	-4.548	-2.807	-1.063	0.611	2.157	3.579	4.830	5.908	6.797
3271	32.70	7.478	7.939	8.178	8.214	8.086	7.862	7.531	7.191	6.845	6.504
3281	32.80	6.180	5.890	5.666	5.541	5.539	5.650	5.816	5.940	5.902	5.606
3291	32.90	5.016	4.182	3.252	2.339	1.661	1.288	1.206	1.310	1.445	1.470
3301	33.00	1.305	0.962	0.514	0.052	-0.370	-0.768	-1.214	-1.797	-2.562	-3.472
3311	33.10	-4.406	-5.202	-5.724	-5.924	-5.861	-5.683	-5.556	-5.598	-5.824	-6.146
3321	33.20	-6.411	-6.465	-6.218	-5.668	-4.896	-4.026	-3.176	-2.429	-1.820	-1.350
3331	33.30	-1.009	-0.786	-0.671	-0.663	-0.743	-0.892	-1.087	-1.322	-1.602	-1.939
3341	33.40	-2.326	-2.724	-3.053	-3.212	-3.117	-2.735	-2.101	-1.318	-0.511	0.216
3351	33.50	0.818	1.323	1.807	2.357	3.026	3.809	4.645	5.444	6.118	6.612
3361	33.60	6.914	7.049	7.061	7.001	6.915	6.839	6.795	6.788	6.803	6.799
3371	33.70	6.728	6.542	6.219	5.769	5.227	4.634	4.002	3.300	2.461	1.416
3381	33.80	0.139	-1.310	-2.782	-4.073	-4.984	-5.398	-5.317	-4.868	-4.256	-3.681
3391	33.90	-3.294	-3.137	-3.164	-3.280	-3.394	-3.456	-3.471	-3.474	-3.505	-3.578
3401	34.00	-3.680	-3.781	-3.856	-3.887	-3.887	-3.855	-3.774	-3.599	-3.267	-2.724
3411	34.10	-1.964	-1.039	-0.067	0.807	1.449	1.781	1.808	1.610	1.311	1.040
3421	34.20	0.882	0.861	0.938	1.038	1.093	1.072	1.004	0.962	1.025	1.233
3431	34.30	1.563	1.819	1.862	1.478	0.556	-0.866	-2.587	-4.289	-5.631	-6.363
3441	34.40	-6.413	-5.909	-5.128	-4.387	-3.919	-3.786	-3.857	-3.912	-3.659	-2.944
3451	34.50	-1.772	-0.316	1.152	2.359	3.131	3.436	3.380	3.161	2.898	2.763
3461	34.60	2.756	2.814	2.843	2.760	2.532	2.187	1.798	1.453	1.223	1.140
3471	34.70	1.195	1.344	1.533	1.717	1.877	2.017	2.156	2.311	2.476	2.626
3481	34.80	2.727	2.757	2.731	2.705	2.757	2.945	3.266	3.634	3.893	3.876
3491	34.90	3.479	2.725	1.777	0.886	0.292	0.112	0.270	0.513	0.501	-0.050

Table 7—54—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1147 1401-GR-1-15 HE. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
3501	35.00	-1.236	-2.996	-4.703	-6.192	-7.028	-7.080	-6.472	-5.527	-4.627	-4.070
3511	35.10	-3.973	-4.258	-4.719	-5.126	-5.315	-5.232	-4.910	-4.421	-3.821	-3.134
3521	35.20	-2.369	-1.557	-0.782	-0.373	0.141	0.092	-0.282	-0.844	-1.400	-1.788
3531	35.30	-1.943	-1.929	-1.906	-2.053	-2.484	-3.188	-4.023	-4.763	-5.181	-5.113
3541	35.40	-4.506	-3.415	-1.965	-0.298	1.444	3.160	4.774	6.229	7.489	8.535
3551	35.50	9.371	10.037	10.581	11.039	11.420	11.688	11.781	11.638	11.233	10.590
3561	35.60	9.780	8.893	8.000	7.132	6.275	5.399	4.491	3.582	2.745	2.067
3571	35.70	1.603	1.339	1.186	1.011	0.687	0.147	-0.584	-1.406	-2.191	-2.848
3581	35.80	-3.363	-3.807	-4.298	-4.938	-5.758	-6.696	-7.619	-8.378	-8.874	-9.094
3591	35.90	-9.105	-9.011	-8.884	-8.715	-8.411	-7.827	-6.843	-5.627	-3.680	-1.812
3601	36.00	-0.086	1.270	2.134	2.519	2.555	2.430	2.318	2.317	2.437	2.608
3611	36.10	2.729	2.716	2.531	2.195	1.772	1.341	0.970	0.695	0.513	0.386
3621	36.20	0.254	0.056	-0.263	-0.708	-1.245	-1.788	-2.213	-2.389	-2.210	-1.633
3631	36.30	-0.694	0.489	1.793	3.034	4.106	4.955	5.588	6.050	6.388	6.629
3641	36.40	6.763	6.751	6.567	6.119	5.461	4.595	3.559	2.393	1.127	-0.216
3651	36.50	-1.609	-3.034	-4.372	-5.610	-6.654	-7.450	-7.975	-8.251	-8.328	-8.270
3661	36.60	-8.133	-7.940	-7.479	-7.509	-6.777	-6.044	-5.111	-4.030	-2.898	-1.836
3671	36.70	-0.957	-0.332	0.037	0.216	0.320	0.475	0.775	1.246	1.846	2.476
3681	36.80	3.026	3.613	3.616	3.683	3.701	3.764	3.928	4.105	4.467	4.674
3691	36.90	4.714	4.536	4.151	3.622	3.031	2.450	1.911	1.398	0.865	0.260
3701	37.00	-0.446	-1.236	-2.062	-2.847	-3.512	-3.998	-4.272	-4.330	-4.185	-3.868
3711	37.10	-3.424	-2.912	-2.410	-1.999	-1.753	-1.708	-1.847	-2.098	-2.351	-2.501
3721	37.20	-2.485	-2.309	-2.069	-1.809	-1.671	-1.645	-1.646	-1.519	-1.097	-0.276
3731	37.30	0.927	2.360	3.776	4.913	5.577	5.707	5.583	4.789	4.135	3.586
3741	37.40	3.219	3.017	2.909	2.816	2.691	2.532	2.363	2.210	2.077	1.946
3751	37.50	1.793	1.615	1.436	1.302	1.246	1.248	1.224	1.038	0.554	-0.299
3761	37.60	-1.479	-2.825	-4.093	-5.062	-5.513	-5.492	-5.106	-4.571	-4.107	-3.853
3771	37.70	-3.811	-3.860	-3.811	-3.587	-2.983	-1.801	-0.636	0.481	1.357	1.879
3781	37.80	2.041	1.932	1.690	1.446	1.281	1.210	1.195	1.182	1.130	1.042
3791	37.90	0.954	0.923	0.991	1.163	1.402	1.639	1.798	1.829	1.727	1.528
3801	38.00	1.301	1.115	1.020	1.032	1.129	1.268	1.400	1.491	1.531	1.536
3811	38.10	1.536	1.574	1.691	1.905	2.212	2.582	2.959	3.277	3.475	3.516
3821	38.20	3.387	3.126	2.783	2.412	2.048	1.690	1.306	0.833	0.227	-0.545
3831	38.30	-1.480	-2.545	-3.687	-4.853	-5.994	-7.065	-8.020	-8.811	-9.386	-9.699
3841	38.40	-9.739	-9.526	-9.114	-8.576	-7.975	-7.347	-6.695	-5.996	-5.218	-4.353
3851	38.50	-3.411	-2.414	-1.385	-0.326	0.776	1.937	3.165	4.345	5.439	6.312
3861	38.60	6.878	7.117	7.081	6.871	6.587	6.271	5.886	5.330	4.498	3.347
3871	38.70	1.951	0.501	-0.752	-1.583	-1.879	-1.677	-1.169	-0.519	0.023	0.403
3881	38.80	0.678	0.997	1.520	2.340	3.436	4.675	5.872	6.852	7.511	7.834
3891	38.90	7.870	7.725	7.443	7.064	6.589	6.011	5.340	4.609	3.867	3.156
3901	39.00	2.494	1.868	1.249	0.612	-0.069	-0.737	-1.326	-1.780	-2.564	-3.141
3911	39.10	-3.731	-4.331	-4.891	-5.333	-5.574	-5.572	-5.352	-5.008	-4.678	-4.484
3921	39.20	-4.486	-4.651	-4.883	-4.969	-4.840	-4.423	-3.761	-2.980	-2.240	-1.681
3931	39.30	-1.382	-1.345	-1.510	-1.788	-2.090	-2.350	-2.526	-2.592	-2.526	-2.310
3941	39.40	-1.936	-1.413	-0.791	-0.167	0.429	0.853	1.074	1.086	0.921	0.652
3951	39.50	0.350	0.082	-0.130	-0.207	-0.215	-0.157	-0.072	-0.010	-0.027	-0.169
3961	39.60	-0.457	-0.870	-1.339	-1.760	-2.014	-2.009	-1.708	-1.151	-0.440	0.281
3971	39.70	0.874	1.246	1.371	1.295	1.111	0.927	0.829	0.858	1.008	1.233
3981	39.80	1.469	1.655	1.746	1.726	1.602	1.399	1.157	0.915	0.710	0.568
3991	39.90	0.495	0.479	0.488	0.486	0.436	0.320	0.142	-0.079	-0.276	-0.436

Table 7—54—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4001	40.00	-0.525	-0.543	-0.514	-0.477	-0.467	-0.504	-0.585	-0.681	-0.752	-0.758
4011	40.10	-0.676	-0.507	-0.275	-0.015	0.237	0.465	0.674	0.891	1.144	1.459
4021	40.20	1.822	2.190	2.498	2.671	2.660	2.460	2.114	1.710	1.344	1.095
4031	40.30	0.992	1.012	1.089	1.145	1.122	1.005	0.824	0.637	0.500	0.444
4041	40.40	0.458	0.502	0.520	0.471	0.342	0.151	-0.071	-0.299	-0.533	-0.795
4051	40.50	-1.122	-1.543	-2.059	-2.636	-3.213	-3.727	-4.132	-4.416	-4.603	-4.735
4061	40.60	-4.853	-4.980	-5.105	-5.190	-5.181	-5.028	-4.693	-4.162	-3.445	-2.567
4071	40.70	-1.569	-0.498	0.596	1.660	2.642	3.496	4.185	4.685	4.991	5.118
4081	40.80	5.100	4.985	4.827	4.673	4.545	4.431	4.279	4.010	3.539	2.808
4091	40.90	1.811	0.615	-0.652	-1.824	-2.747	-3.313	-3.495	-3.341	-2.960	-2.482
4101	41.00	-2.017	-1.632	-1.341	-1.116	-0.908	-0.666	-0.354	0.047	0.541	1.119
4111	41.10	1.767	2.459	3.156	3.805	4.345	4.716	4.876	4.816	4.565	4.186
4121	41.20	3.765	3.387	3.112	2.961	2.900	2.853	2.716	2.391	1.815	0.983
4131	41.30	-0.030	-1.097	-2.061	-2.784	-3.185	-3.266	-3.108	-2.845	-2.618	-2.529
4141	41.40	-2.615	-2.835	-3.098	-3.296	-3.344	-3.205	-2.896	-2.476	-2.022	-1.601
4151	41.50	-1.253	-0.987	-0.786	-0.621	-0.459	-0.276	-0.059	0.190	0.455	0.708
4161	41.60	0.917	1.051	1.095	1.052	0.950	0.834	0.750	0.726	0.765	0.833
4171	41.70	0.879	0.848	0.709	0.463	0.147	-0.181	-0.465	-0.666	-0.778	-0.818
4181	41.80	-0.812	-0.785	-0.744	-0.682	-0.586	-0.449	-0.274	-0.073	0.144	0.381
4191	41.90	0.653	0.981	1.374	1.809	2.229	2.550	2.687	2.593	2.270	1.781
4201	42.00	1.222	0.687	0.227	-0.170	-0.572	-1.076	-1.761	-2.669	-3.686	-4.754
4211	42.10	-5.702	-6.389	-6.725	-6.690	-6.335	-5.758	-5.072	-4.380	-3.746	-3.188
4221	42.20	-2.686	-2.186	-1.640	-1.007	-0.281	0.512	1.313	2.056	2.688	3.182
4231	42.30	3.546	3.811	4.009	4.159	4.253	4.271	4.194	4.028	3.809	3.588
4241	42.40	3.406	3.257	3.078	2.758	2.182	1.289	0.117	-1.194	-2.425	-3.355
4251	42.50	-3.828	-3.806	-3.378	-2.724	-2.045	-1.505	-1.180	-1.064	-1.087	-1.158
4261	42.60	-1.196	-1.148	-0.978	-0.665	-0.197	0.420	1.145	1.898	2.565	3.033
4271	42.70	3.223	3.129	2.818	2.413	2.038	1.777	1.662	1.578	1.497	1.324
4281	42.80	1.034	0.658	0.267	-0.070	-0.319	-0.492	-0.643	-0.828	-1.078	-1.379
4291	42.90	-1.677	-1.903	-2.002	-1.955	-1.781	-1.529	-1.249	-0.982	-0.749	-0.563
4301	43.00	-0.431	-0.365	-0.369	-0.430	-0.503	-0.516	-0.386	-0.048	0.512	1.247
4311	43.10	2.052	2.803	3.398	3.789	3.995	4.082	4.119	4.139	4.112	3.955
4321	43.20	3.569	2.894	1.950	0.848	-0.241	-1.147	-1.757	-2.065	-2.166	-2.213
4331	43.30	-2.368	-2.638	-3.043	-3.437	-3.662	-3.595	-3.210	-2.580	-1.855	-1.194
4341	43.40	-0.706	-0.416	-0.272	-0.185	-0.081	0.061	0.207	0.290	0.263	0.125
4351	43.50	-0.069	-0.229	-0.272	-0.161	0.079	0.378	0.656	0.856	0.968	1.018
4361	43.60	1.066	1.075	1.097	1.080	0.992	0.822	0.594	0.351	0.129	-0.071
4371	43.70	-0.290	-0.591	-1.028	-1.604	-2.254	-2.860	-3.291	-3.459	-3.346	-3.019
4381	43.80	-2.596	-2.201	-1.918	-1.770	-1.717	-1.692	-1.626	-1.479	-1.238	-0.913
4391	43.90	-0.515	-0.051	0.472	1.044	1.638	2.212	2.722	3.139	3.458	3.695
4401	44.00	3.872	3.996	4.048	3.988	3.785	3.438	2.992	2.534	2.152	1.895
4411	44.10	1.736	1.574	1.268	0.692	-0.198	-1.337	-2.557	-3.662	-4.400	-4.726
4421	44.20	-4.660	-4.246	-3.727	-3.348	-3.078	-2.978	-2.981	-2.977	-2.863	-2.574
4431	44.30	-2.103	-1.493	-0.819	-0.159	0.420	0.882	1.219	1.455	1.632	1.803
4441	44.40	2.012	2.281	2.598	2.919	3.178	3.307	3.263	3.045	2.693	2.274
4451	44.50	1.853	1.468	1.110	0.735	0.289	-0.261	-0.896	-1.540	-2.084	-2.419
4461	44.60	-2.488	-2.308	-1.979	-1.652	-1.479	-1.563	-1.923	-2.494	-3.150	-3.752
4471	44.70	-4.198	-4.449	-4.531	-4.514	-4.470	-4.438	-4.409	-4.329	-4.125	-3.740
4481	44.80	-3.152	-2.393	-1.527	-0.637	0.211	0.977	1.657	2.270	2.863	3.394
4491	44.90	3.924	4.420	4.862	5.231	5.515	5.714	5.829	5.863	5.815	5.686

Table 7—54—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1147 1401-GR-1-15 HB. (HB.) TONEGAWA ES. MAX. ACC. = 37.216 (GAL) T= 16.14 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 0.03 (GAL)	+ 0.04 (GAL)	+ 0.05 (GAL)	+ 0.06 (GAL)	+ 0.07 (GAL)	+ 0.08 (GAL)	+ 0.09 (GAL)	+ 0.10 (GAL)
4501	45.00	5.478	5.201	4.876	4.527	4.179	3.854	3.564	3.317	3.117	2.970
4511	45.10	2.880	2.849	2.869	2.921	2.971	2.980	2.915	2.756	2.503	2.182
4521	45.20	1.825	1.469	1.132	0.813	0.488	0.120	-0.334	-0.901	-1.588	-2.378
4531	45.30	-3.227	-4.078	-4.867	-5.536	-6.045	-6.373	-6.520	-6.509	-6.376	-6.162
4541	45.40	-5.906	-5.640	-5.383	-5.145	-4.925	-4.719	-4.518	-4.312	-4.090	-3.837
4551	45.50	-3.543	-3.201	-2.814	-2.392	-1.953	-1.517	-1.098	-0.698	-0.307	0.093
4561	45.60	0.519	0.975	1.452	1.925	2.360	2.724	2.996	3.160	3.226	3.202
4571	45.70	3.105	2.959	2.791	2.643	2.561	2.589	2.751	3.037	3.397	3.747
4581	45.80	3.992	4.058	3.921	3.615	3.224	2.849	2.573	2.425	2.371	2.329
4591	45.90	2.201	1.911	1.436	0.810	0.109	-0.573	-1.159	-1.605	-1.899	-2.055
4601	46.00	-2.087	-2.007	-1.811	-1.497	-1.070	-0.555	0.001	0.537	0.989	1.304
4611	46.10	1.457	1.452	1.324	1.139	0.975	0.910	1.000	1.256	1.634	2.031
4621	46.20	2.314	2.349	2.048	1.405	0.502	-0.504	-1.433	-2.135	-2.535	-2.661
4631	46.30	-2.619	-2.558	-2.605	-2.827	-3.202	-3.638	-4.004	-4.181	-4.105	-3.782
4641	46.40	-3.280	-2.707	-2.171	-1.750	-1.473	-1.315	-1.217	-1.104	-0.908	-0.589
4651	46.50	-0.142	0.403	0.990	1.555	2.045	2.428	2.707	2.913	3.096	3.309
4661	46.60	3.584	3.925	4.302	4.657	4.922	5.043	4.991	4.775	4.431	4.009
4671	46.70	3.551	3.073	2.559	1.972	1.272	0.441	-0.498	-1.481	-2.420	-3.234
4681	46.80	-3.870	-4.328	-4.648	-4.892	-5.112	-5.328	-5.517	-5.634	-5.637	-5.517
4691	46.90	-5.305	-5.063	-4.852	-4.698	-4.577	-4.424	-4.166	-3.761	-3.233	-2.670
4701	47.00	-2.193	-1.905	-1.846	-1.970	-2.160	-2.274	-2.197	-1.888	-1.383	-0.776
4711	47.10	-0.165	0.382	0.856	1.284	1.718	2.179	2.642	3.044	3.306	3.372
4721	47.20	3.239	2.956	2.607	2.277	2.013	1.811	1.622	1.372	0.998	0.476
4731	47.30	-0.174	-0.892	-1.597	-2.216	-2.699	-3.030	-3.225	-3.315	-3.336	-3.309
4741	47.40	-3.233	-3.091	-2.848	-2.475	-1.958	-1.308	-0.563	0.220	0.986	1.693
4751	47.50	2.320	2.873	3.364	3.805	4.192	4.505	4.716	4.803	4.766	4.625
4761	47.60	4.412	4.168	3.914	3.648	3.355	3.013	2.612	2.166	1.707	1.281
4771	47.70	0.926	0.662	0.491	0.394	0.369	0.334	0.336	0.342	0.337	0.298
4781	47.80	0.195	-0.000	-0.303	-0.709	-1.192	-1.708	-2.205	-2.634	-2.957	-3.147
4791	47.90	-3.191	-3.089	-2.856	-2.522	-2.135	-1.747	-1.414	-1.172	-1.036	-0.992
4801	48.00	-1.010	-1.053	-1.097	-1.132	-1.144	-1.203	-1.244	-1.262	-1.215	-1.059
4811	48.10	-0.745	-0.343	0.161	0.670	1.103	1.402	1.568	1.571	1.532	1.501
4821	48.20	1.528	1.627	1.775	1.924	2.026	2.057	2.025	1.969	1.942	1.983
4831	48.30	2.101	2.285	2.413	2.477	2.410	2.202	1.890	1.545	1.244	1.046
4841	48.40	0.976	1.018	1.131	1.268	1.401	1.523	1.646	1.785	1.935	2.068
4851	48.50	2.134	2.082	1.890	1.575	1.200	0.855	0.626	0.555	0.637	0.804
4861	48.60	0.956	0.994	0.656	0.527	0.081	-0.461	-0.969	-1.336	-1.591	-1.721
4871	48.70	-1.752	-1.717	-1.631	-1.489	-1.273	-0.982	-0.556	-0.069	0.449	0.944
4881	48.80	1.367	1.684	1.899	2.027	2.100	2.146	2.177	2.186	2.153	2.057
4891	48.90	1.887	1.644	1.342	0.999	0.626	0.221	-0.210	-0.661	-1.108	-1.509
4901	49.00	-1.815	-1.984	-2.087	-2.110	-1.988	-1.787	-1.526	-1.230	-1.429	-1.431
4911	49.10	-1.401	-1.330	-1.245	-1.190	-1.209	-1.313	-1.476	-1.644	-1.765	-1.816
4921	49.20	-1.816	-1.818	-1.880	-2.026	-2.228	-2.413	-2.496	-2.424	-2.211	-1.932
4931	49.30	-1.700	-1.611	-1.499	-1.421	-2.171	-2.336	-2.342	-2.191	-1.953	-1.733
4941	49.40	-1.618	-1.637	-1.755	-1.889	-1.958	-1.912	-1.749	-1.505	-1.222	-0.926
4951	49.50	-0.615	-0.226	0.089	0.446	0.728	0.860	0.795	0.540	0.162	-0.245
4961	49.60	-0.593	-0.841	-1.006	-1.141	-1.306	-1.529	-1.796	-2.066	-2.304	-2.509
4971	49.70	-2.718	-2.979	-3.307	-3.650	-3.893	-3.848	-3.418	-2.567	-1.398	-0.124

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謝　　辞

本資料に収録された地震記録は，次に掲げる機関・事務所等で管理している強震計で得られたものであり，これらの機関・事務所を含めて，多忙な業務の合間を縫い観測に協力された諸機関の観測担当者の努力の成果である。ここに観測に携わった方々の地道な努力に敬意を表します。

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和歌山県・新宮土木事務所（312　AKAGI BRIDGE）
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（503　KANNON ZAKI）

付録－1　強震観測網の現況

昭和61年3月31日現在，建設省が所掌する公共土木施設において実施されている強震観測箇所は，総数257箇所である。設置対象は，橋梁，沈埋トンネル等の道路施設，堤防，堰等の河川施設，ダム施設，下水施設であり，設置されている強震計は大別してSMAC型強震計，電磁式強震計及び普及型強震計である。Table A1－1～Table A1－4には，施設別，強震計型式別，設置機関別の設置箇所数，台数を示す。またFigure A1－1～Figure A1－8には，施設別，強震計型式別の設置位置を示す。さらに，Table A1－5～Table A1－7には，強震計型式別の観測所概要を示す。

Table A1－1　公共土木施設への強震計設置状況

昭和61年3月31日現在

対象施設	箇所数*	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
道路施設（橋梁，沈埋トンネル，橋梁建設予定地点）	151	117(235)	27(350)	13(35)
河川施設（堤防，堰，水門）	31	23(48)	5(37)	3(7)
ダム施設	69	22(45)	43(377)	19(34)
下水道施設（管渠，処理場）	6	6(13)	0	0
合計	257	168(341)	75(764)	35(94)

＊ 複数型式の強震計が設置されている観測地点があるため各型式毎の箇所数の合計と一致しない場合がある。

Table A1－2　道路施設への強震計設置状況（機関別）

昭和61年3月31日現在

設置機関	箇所数*	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	37	28(57)	5(54)	6(27)
北海道開発局	26	20(42)	5(33)	1(2)
沖縄総合事務局	0	0	0	0
日本道路公団	26	14(25)	7(132)	6(24)
首都高速道路公団	11	10(24)	2(18)	0
阪神高速道路公団	3	2(4)	1(12)	0
本州四国連絡橋公団	8	4(4)	5(85)	0
都道府県	40	39(79)	2(16)	0
合計	151	117(235)	27(350)	13(53)

＊ 複数型式の強震計が設置されている観測地点があるため各型式毎の箇所数の合計と一致しない場合がある。

Table A1－3　河川施設への強震計設置状況（機関別）

昭和61年3月31日現在

設置機関	箇所数*	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	20	13（28）	4（28）	3（7）
北海道開発局	3	3（6）	0	0
水資源開発公団	1	1（2）	0	0
都道府県	7	6（12）	1（9）	0
合計	31	23（48）	5（37）	3（7）

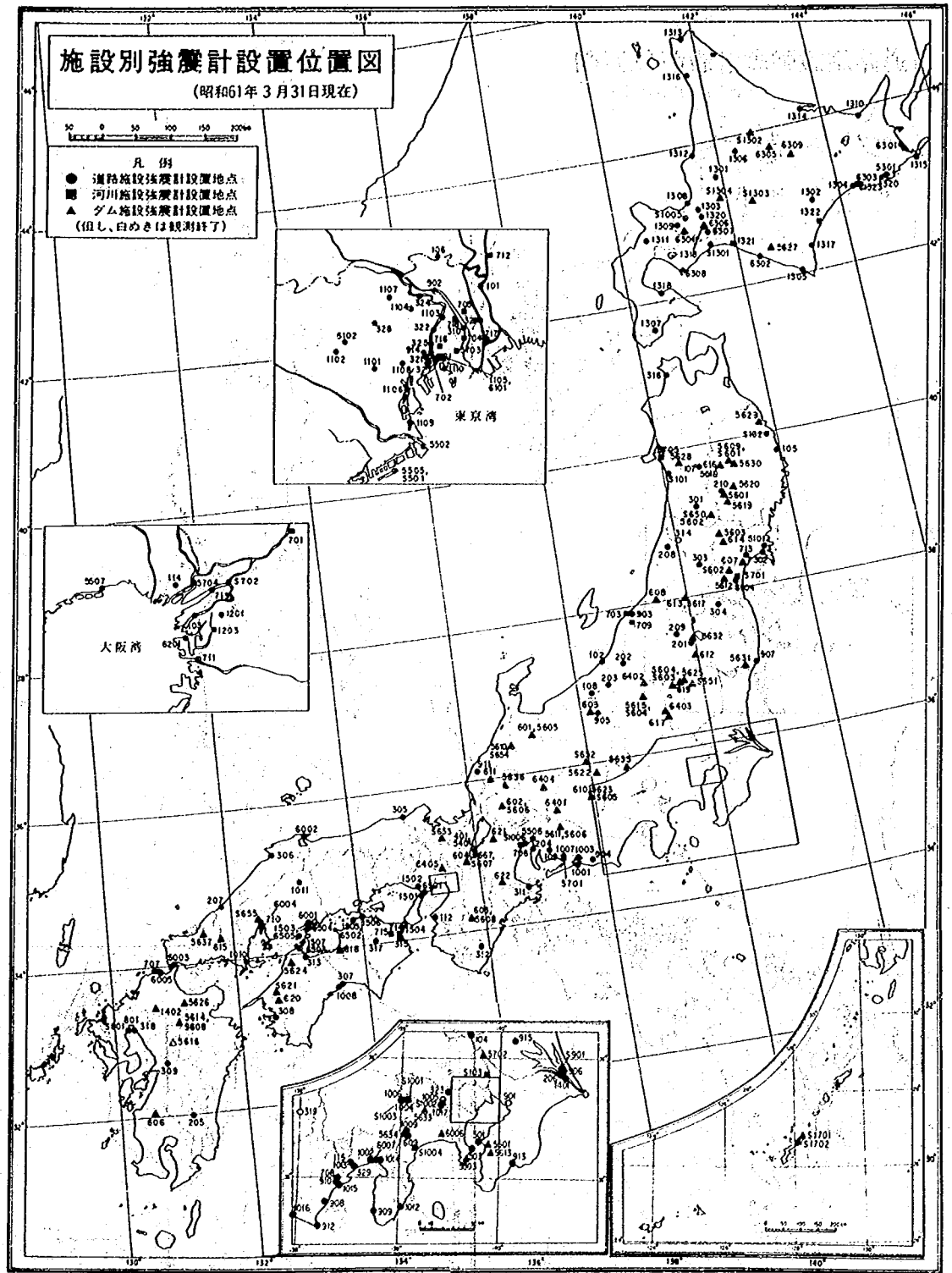
＊　複数型式の強震計が設置されている観測地点があるため各型式毎の箇所数の合計と一致しない場合がある。

Table A1－4　ダム施設への強震計設置状況（機関別）

昭和61年3月31日現在

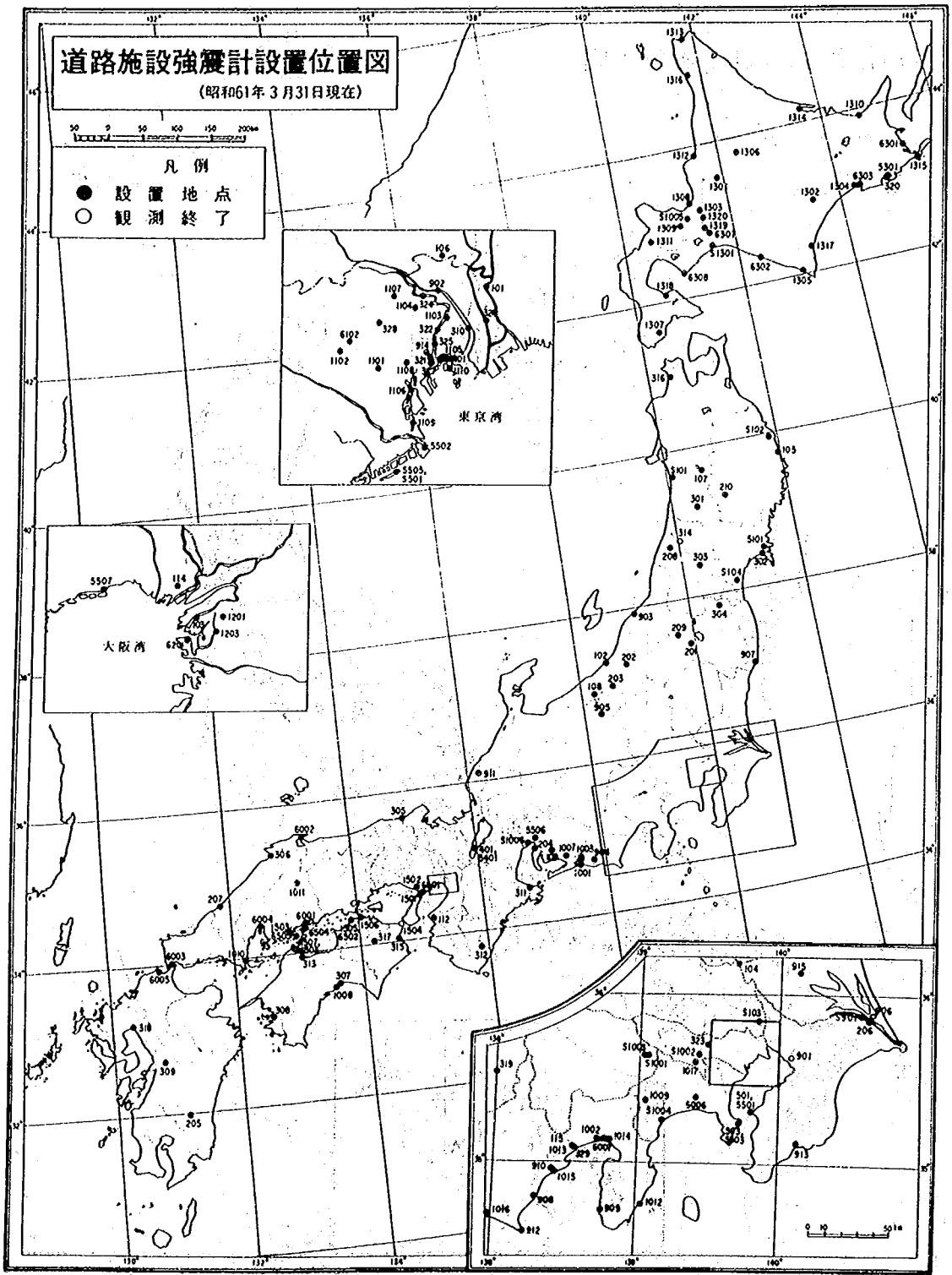
設置機関	箇所数*	強震計型式		
		SMAC型 箇所数（台数）	電磁式 箇所数（成分数）	普及型 箇所数（台数）
建設省	29	13（27）	20（167）	8（16）
北海道開発局	7	0	4（43）	3（3）
沖縄総合事務局	2	0	0	2（3）
水資源開発公団	6	1（2）	5（49）	0
都道府県	25	8（16）	14（118）	6（12）
合計	69	22（45）	43（377）	19（34）

＊　複数型式の強震計が設置されている観測地点があるため各型式毎の箇所数の合計と一致しない場合がある。



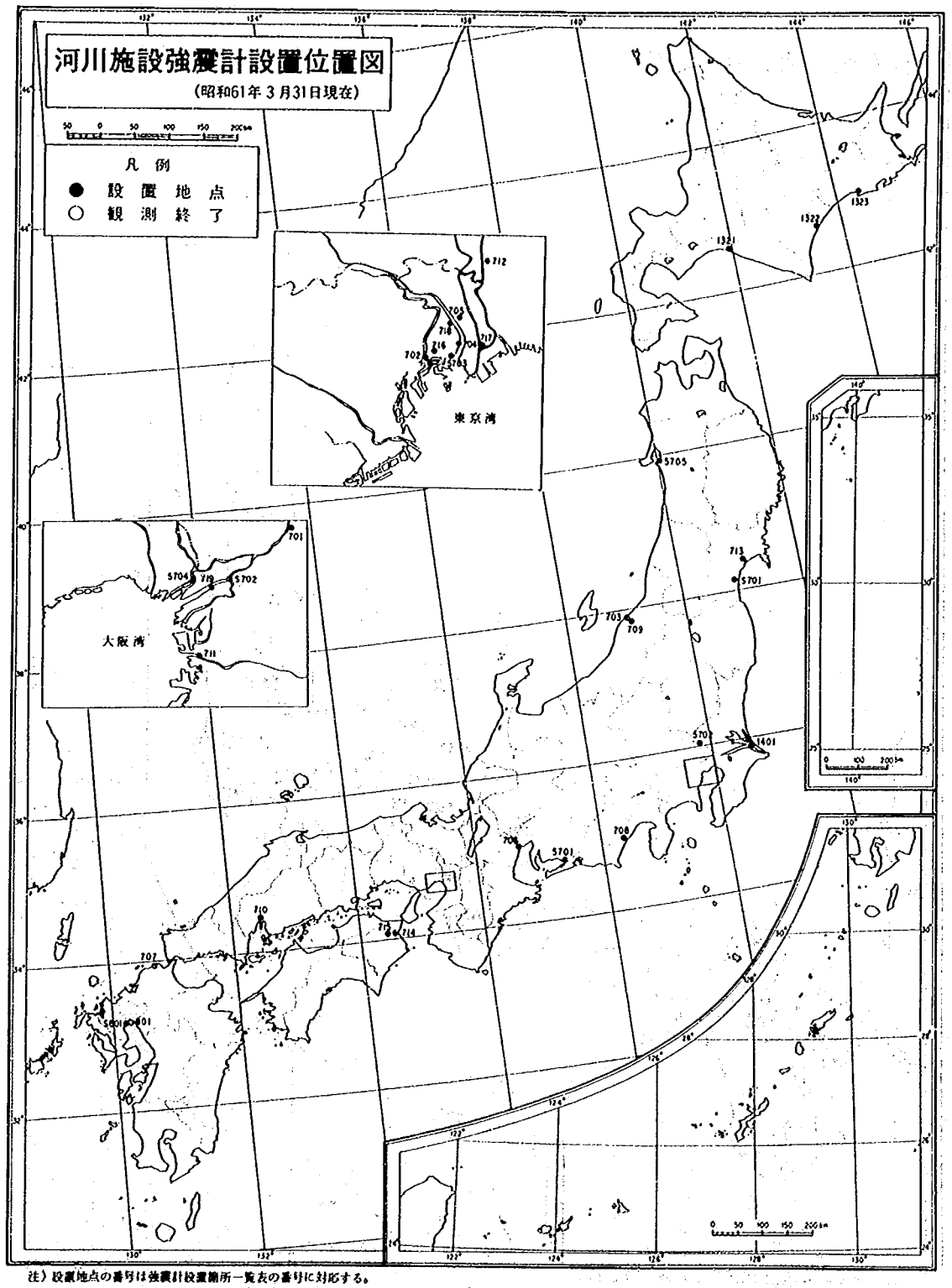
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

（Fig. A1－1）施設別強震計設置位置図（昭和61年３月31日現在）



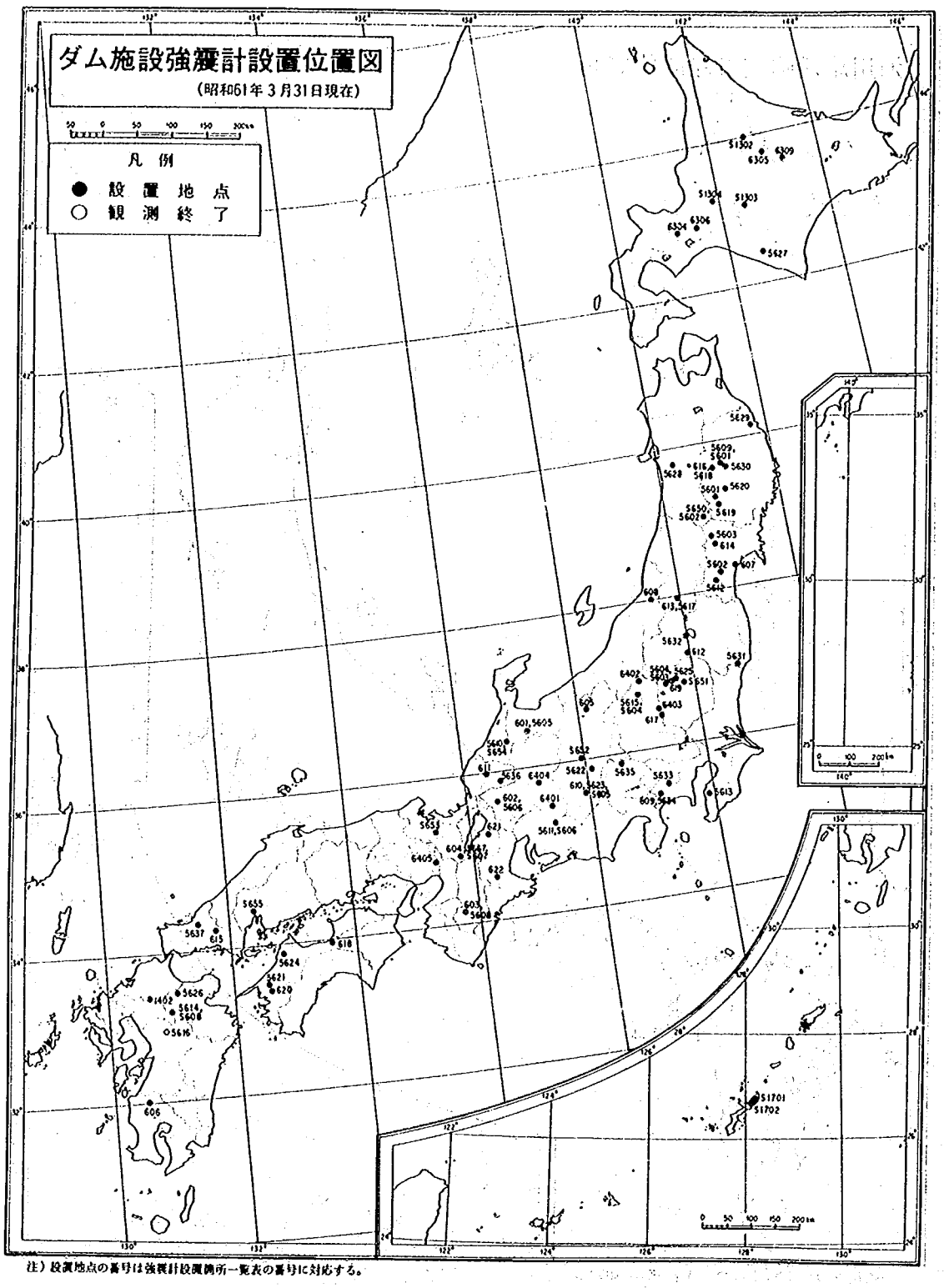
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A 1－2 道路施設強震計設置位置図 (昭和61年3月31日現在)



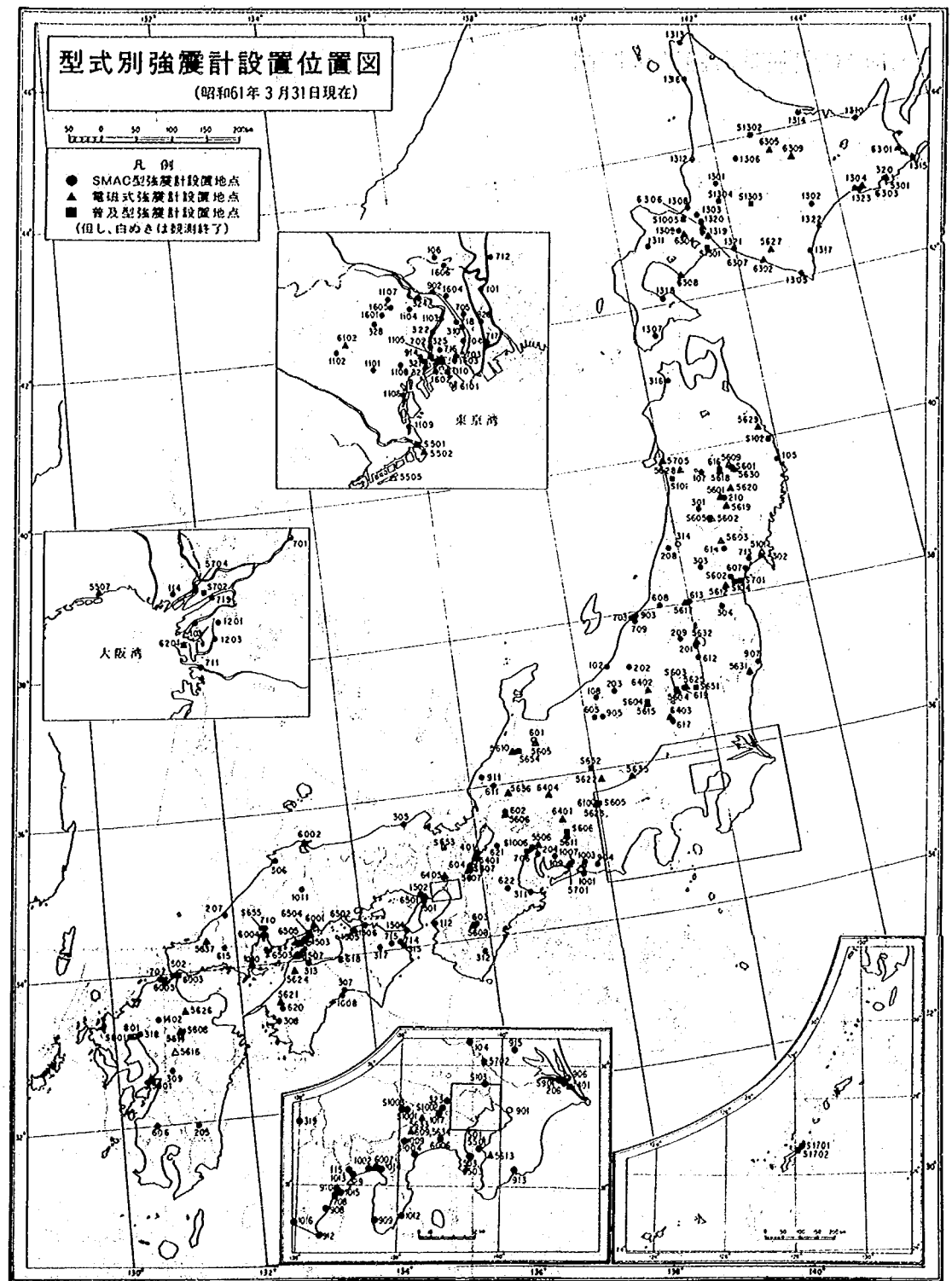
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A 1 － 3　河川施設強震計設置位置図（昭和61年３月31日現在）



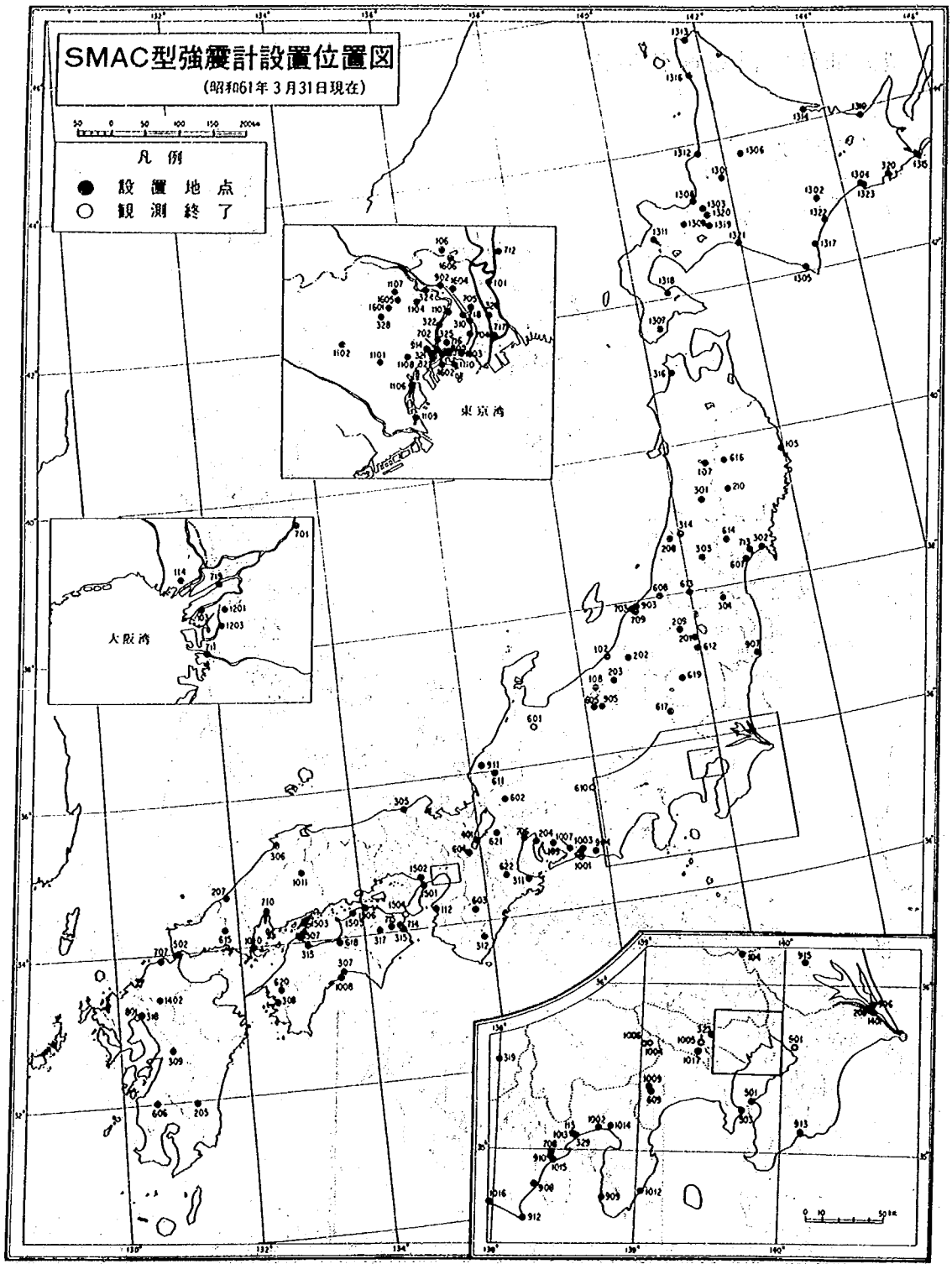
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A1－4 ダム施設強震計設置位置図（昭和61年3月31日現在）



注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A1－5　型式別強震計設置位置図（昭和61年３月31日現在）



注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A 1 – 6　SMAC型強震計設置位置図 (昭和61年3月31日現在)

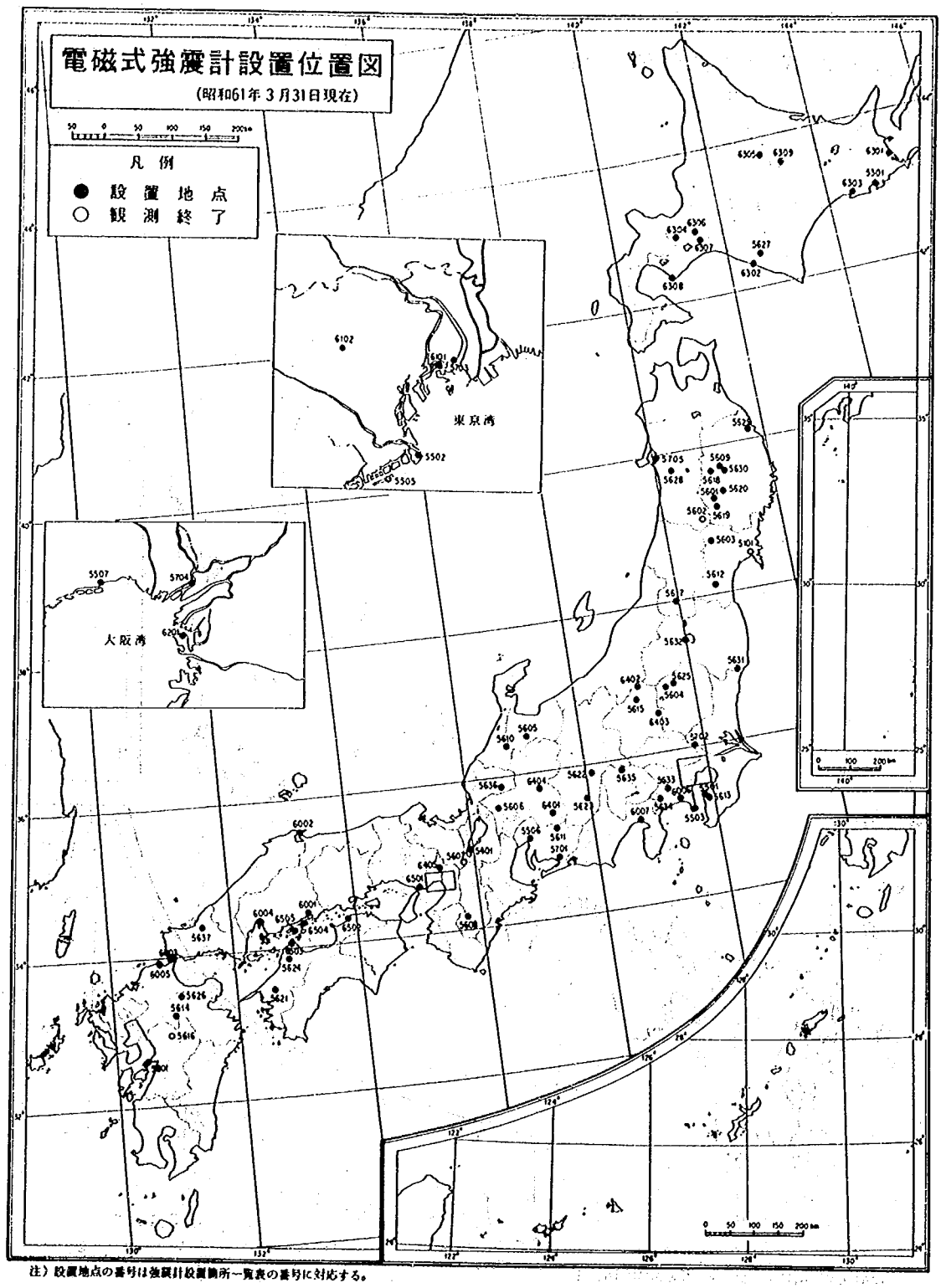
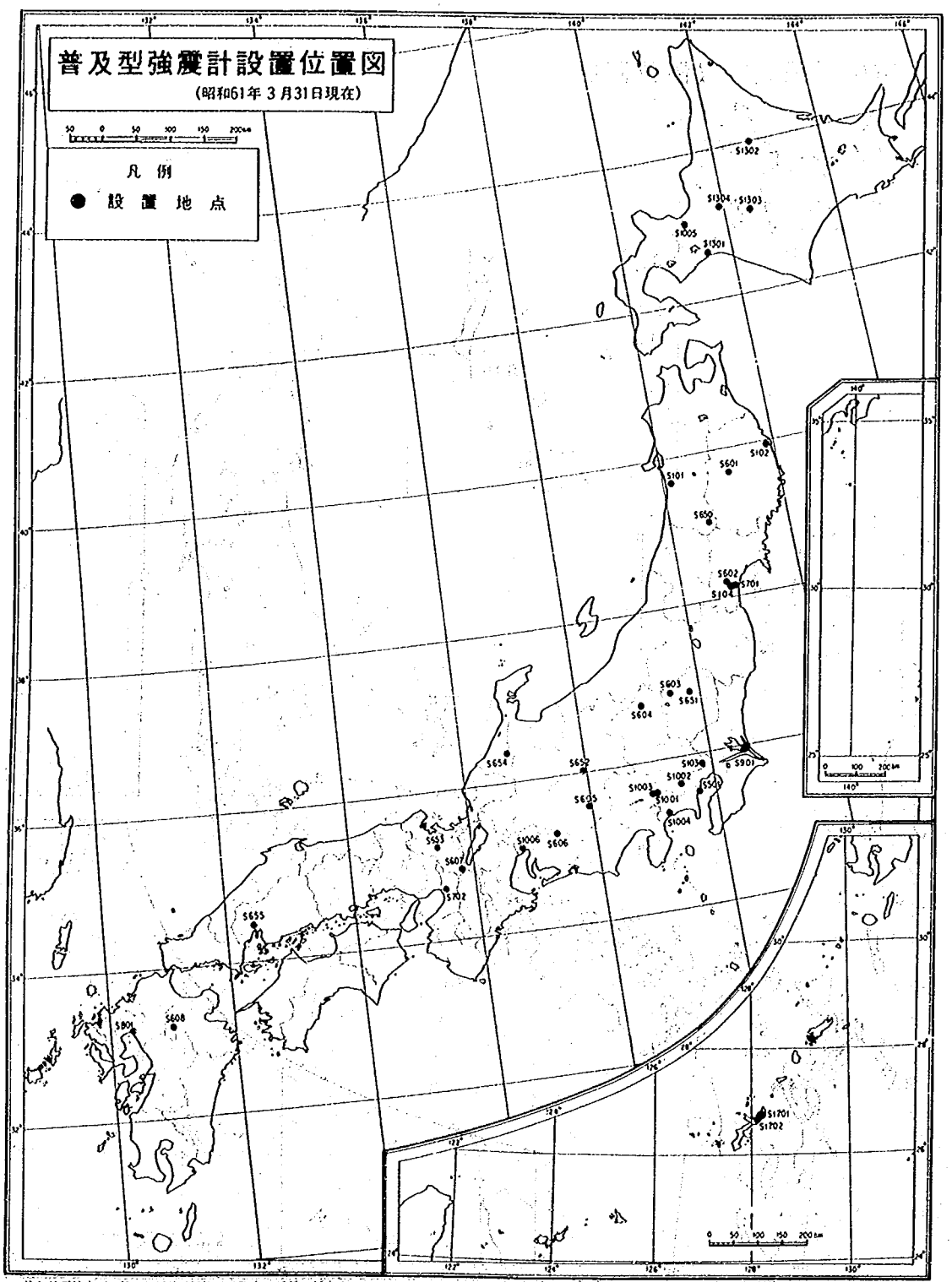


Fig. A1－7　電磁式強震計設置位置図（昭和61年3月31日現在）



注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Fig. A1－8　普及型強震計設置位置図（昭和61年3月31日現在）

Table A1－5(1)　SMAC型強震計設置箇所一覧表

昭和61年3月31日現在

No.	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
	1. 国道第一課						
101	新島鈴橋	B2	2	地盤・橋脚	千葉	首都国道	41－3
102	米山大橋	〃	3	地盤・基礎・橋脚	新潟	長岡国道	41－3
103	安治川大橋	〃	3	地盤・橋脚(2)	大阪	大阪国道	36－3
104	新利根川橋	〃	2	地盤・橋脚	埼玉	宇都宮国道	42－2
105	貞崎大橋	E2	2	〃	岩手	三陸国道	46－2
106	草加高架橋	B2	2	〃	埼玉	大宮国道	43－2
107	宝風橋	Q	3	地盤・橋脚・1F	秋田	秋田工事	51－3
108	妙高大橋	E2	2	地盤・橋脚	新潟	高田工事	47－11
109	大平橋	Q	2	〃	愛知	名古屋国道	49－7
110							
111							
112	紀ノ川大橋	B2	2	地盤・橋脚	和歌山	和歌山工事	42－3
113	平和橋	計器管理替え（210）					
114	尼崎高架橋	Q	2	地盤・橋脚	兵庫	兵庫国道	56－4
115	由比地区	〃	1	地盤	静岡	静岡国道	55－3
	2. 国道第二課						
201	小谷橋	B2	2	地盤・橋脚	福島	会津若松建設	40－3
202	魚沼橋	〃	2	〃	新潟	小千谷土木	40－12
203	横倉沢橋	〃	2	〃	長野	飯山建設	40－3
204	新八幡橋	〃	2	〃	愛知	半田土木	40－11
205	石瀬戸橋	〃	2	〃	宮崎	小林土木	40－3
206	小見川大橋	E2	2	〃	千葉	香取土木	48－3
207	高津大橋	B2	2	〃	島根	浜田工事	42－3
208	三川橋	Q	2	〃	山形	庄内支庁	55－3
209	瑞光寺橋	〃	3	地盤(2)・橋台	福島	宮下土木	48－3
210	平和橋	D,B2	2	地盤・橋脚	岩手	北上土木	42
	3. 地方道課						
301	雄平橋	B2	2	地盤・橋脚	秋田	雄勝土木	43－2
302	開北橋	〃	2	〃	宮城	石巻土木	41－3
303	河北橋	B2,Q	2	〃	山形	寒河江建設	40-3,50-12
304	伊達橋	B2	2	〃	福島	保原土木	40－10
305	港大橋	〃	2	〃	兵庫	豊岡土木	40－11
306	妙見橋	〃	2	〃	島根	出雲土木	42－3
307	五台山橋	〃	2	〃	高知	高知土木	41－3
308	板島橋	〃	2	〃	愛媛	宇和島地方局	40－4
309	乙女橋	〃	2	〃	熊本	矢部土木	40－3
310	平井大橋	〃	3	地盤・橋脚(2	東京	東京都土研	40－8
311	豊浜大橋	〃	2	地盤・橋脚	三重	伊勢土木	41－9
312	赤木橋	〃	2	地盤・橋台	和歌山	新宮土木	41－9
313	石城橋	〃	2	地盤・橋脚	愛媛	丹原土木	42－3
314	清川橋	(S 56.8 観測終了)			山形	庄内支庁	44－3
315	末広大橋	Q	2	地盤・橋脚	徳島	徳島土木	51－5
316	津軽大橋	D	2	〃	青森	五所川原土木	45－3
317	瀬詰大橋	B2	2	〃	徳島	川島土木	42－3
318	新田大橋	E2	2	〃	福岡	柳川土木	48－3
319	四徳大橋	B2	2	〃	長野	飯田建設	41－12
320	厚岸大橋	E2	2	〃	北海道	釧路土木	45－10
321	鼎大橋	〃	3	地盤・橋脚(2	東京	東京都土研	50－3
322	鳳橋	〃	2	地盤・橋脚	〃	〃	〃
323	関戸橋	〃	2	〃	〃	〃	〃
324	尾久橋	〃	2	〃	〃	〃	〃
325	新大橋	〃	2	〃	〃	〃	53－3
326	上一色橋	〃	2	〃	〃	〃	〃
327	黎明橋	〃	2	〃	〃	〃	54－3
328	高円寺陸橋	〃	2	〃	〃	〃	〃
329	由比地区	Q	1	地盤	静岡	知事公室	55－4
	4. 有料道路課						
401	琵琶湖大橋	B2	1	橋桁	滋賀	管理所	39－9
	5. 道路企画課						
501	東京湾（富津岬）	B2	1	地盤	千葉	東京湾岸道路	40－10
502	関門架橋	〃	2	地盤(門司・下関)	福岡	北九州国道	40－10
503	東京湾（観音崎）	〃	1	地盤	神奈川	東京湾岸道路	42－3
	6. 開発課						
601	室牧ダム	(S 59.11 観測終了)			富山	管理所(県)	35－8
602	横山ダム	B2,Q,Q	3	地盤(2)・堤頂	岐阜	〃	38－8
603	猿谷ダム	A	1	地盤	奈良	〃 (〃)	32－3
604	天ケ瀬ダム	B2	1	堤頂	京都	〃 (〃)	39－2
605	裾花ダム	D,B2,Q	3	地盤・堤頂(2)	長野	〃 (県)	44
606	鶴川ダム	D	2	地盤・堤頂	鹿児島	〃	43－11
607	樺水ダム	E2	2	堤体（頂・底）	宮城	〃 (県)	50－12
608	大石ダム	〃	3	地盤・堤体(頂・底)	新潟	〃	52－12
609	三保ダム	Q	2	地盤・堤頂	神奈川	〃 (県)	54－3
610	小渋ダム	(S 56.9 観測終了)			長野	〃	43－12
611	真名川ダム	E2	2	地盤・堤頂	福井	〃 (〃)	52－3
612	大川ダム	Q	1	地盤	福島	阿賀川工事(〃)	55－2
613	白川ダム	〃	2	堤体（頂・底）	山形	管理所(〃)	54－12
614	漆沢ダム	〃	2	〃	宮城	〃 (県)	55－3
615	島地川ダム	〃	2	地盤・堤頂	山口	山口工事(県)	56－2
616	御所ダム	〃	2	堤体（頂・底）	岩手	管理所(〃)	55－11
617	桐生川ダム	E2	2	〃	群馬	桐生土木(県)	57－3
618	柳瀬ダム	E2,Q	2	堤体（頂・中）	愛媛	管理所(県)	57-2,57-8
619	川治ダム	Q	3	地盤・堤頂・堤体	栃木	〃 (〃)	55－11
620	野村ダム	〃	3	堤体（頂・底(2)）	愛媛	〃 (〃)	57－3
621	宇曽川ダム	〃	2	堤体（頂・底）	滋賀	〃 (県)	55－3
622	君ケ野ダム	E2	2	〃	三重	〃 (〃)	54－4
	7. 治水課						
701	淀川堤防（枚方）	B2	2	地盤・堤体	大阪	淀川工事	41－10
702	大島川水門	E2	2	地盤・門柱	東京	東京都土研	50－3
703	新潟大堰	〃	2	地盤・堰柱	新潟	信濃川下流工事	46－11
704	小名木川排水機場	〃	2	地盤・本体	東京	東京都土研	50－3
705	中川堰岸	〃	2	〃	東京	〃	50－3
706	木曽川堤防	Q	2	地盤・堤体	三重	木曽川下流工事	53－3
707	遠賀川河口堰	〃	3	本体(2)・地盤	福岡	遠賀川工事	55－3
708	安倍川堤防	〃	2	地盤・堤体	静岡	静岡河川工事	54－11
709	信濃川水門	〃	3	地盤(2)・門柱	新潟	信濃川下流工事	55－3
710	太田川堤防	〃	2	地盤・堤体	広島	太田川工事	55－9
711	大和川堤防	〃	2	〃	大阪	大和工事	56－1
712	江戸川堤防	〃	2	〃	千葉	江戸川工事	54－4
713	吉田川堤防	〃	2	〃	宮城	北上川下流工事	56－4
714	吉野川堤防(徳島第一)	〃	2	〃	徳島	徳島工事	57－4
715	〃（石井）	〃	2	〃	〃	〃	57－4
716	扇橋閘門	E2	2	地盤・門柱	東京	東京都土研	51－3
717	新中川堤防	〃	2	地盤・堤体	〃	〃	55－3
718	木下川排水機場	〃	2	地盤・B1F	〃	〃	51－3
719	淀川堤防（大淀）	Q	2	地盤・堤体	大阪	淀川工事	54-4,55-4
	8. 海岸課						
801	有明海	(S 60.7 観測終了)			佐賀	筑後川工事	40－6
	9. 土木研究所						
901	土研千葉支所	(S 54.3 観測終了)			千葉	土木研究所	37-3,43-2
902	西新井橋	B2	3	地盤・橋脚(2	東京	〃	37－3
903	昭和大橋	〃	2	地盤・橋脚	新潟	新潟県庁(委)	40－1
904	新天竜川橋	Q,B2	2	〃	静岡	浜松工事(委)	39－12
905	落合橋	B2	2	〃	長野	長野国道(委)	40－12
906	鹿島試験所	(S 54.3 観測終了)			茨城	鹿島試験所	42－3
907	平大橋	B2	2	地盤・橋台	福島	磐城国道(委)	43－1
908	朝比奈川橋	Q	2	〃	静岡	藤枝土木(委)	52－3
909	霊見大橋	〃	2	地盤・橋脚	〃	下田土木(委)	53－3
910	駿河大橋	〃	2	〃	〃	静岡国道(委)	53－4
911	福井大橋	〃	2	〃	福井	福井工事(委)	53－11
912	御前崎	〃	1	地盤	静岡	御前崎土木(委)	53－9
913	大津跨線橋	〃	3	地盤(2)・橋脚	千葉	鴨川土木(委)	54－11
914	八重州地下街	〃	3	地下構造物(3	東京	土木研究所	〃
915	土木研究所	〃	1	B2F	茨城	〃	55－8

Table A1－5(2) SMAC型強震計設置箇所一覧表

昭和61年3月31日現在

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
10. 日本道路公団							
1001	浜名大橋	E2	3	地盤・橋脚・橋桁	静岡	鳥技管理所	53－2
1002	東名・富士川橋	B2	2	地盤・橋脚	〃	富士管理所	42－3
1003	東名・浜名湖橋	D	2	〃	〃	袋井管理所	44－3
1004	境川橋	(S 60.3 観測終了) ⓐに更新			山梨	大月管理所	42－3
1005	比久保橋	〃			東京	八王子管理所	〃
1006	鶴川橋	〃			山梨	大月管理所	〃
1007	東名・豊川橋	B2	2	地盤・橋脚	愛知	豊川管理所	43－3
1008	瀬戸大橋	E2	3	地盤・橋脚(2)	高知	瀬戸大橋管理所	47－5
1009	東名・酒匂川橋	D	2	地盤・橋脚	神奈川	御殿場管理所	44－3
1010	大島大橋	T	3	橋脚(2)・橋桁	山口	小郡管理所	51－7
1011	帝釈川橋	E2	2	橋台・橋桁	広島	三次管理所	53－8
1012	東伊豆縮取	〃	1	地盤	静岡	東伊豆道路	54－3
1013	山比地区	Q	1	〃	〃	富士管理所	55－3
1014	富士管理事務所	〃	1	〃	〃	〃	56－3
1015	静岡管理事務所	〃	1	〃	〃	静岡管理所	56－3
1016	袋井管理事務所	〃	1	〃	〃	袋井管理所	51－12
1017	試験所	〃	1	〃	東京	試験所	58－2
1018							
1019							
1020							
11. 首都高速道路公団							
1101	3号線(大橋)	E2	2	地盤・橋桁	東京	東京保全部	47－1
1102	4号線(下高井戸)	〃	3	地盤・橋脚(2)	〃	〃	47－1
1103	6号線(向島)	〃	2	地盤・橋脚	〃	〃	47－1
1104	5号線(護国寺)	〃	2	1F・9F	〃	〃	46－9
1105	9号線(木場)	〃	2	地盤・橋脚	〃	〃	49－7
1106	湾岸線(大井)	〃	3	地盤・トンネル・B2F	〃	〃	50－3
1107	5号線(志村)	〃	2	地盤・橋脚	〃	〃	52－5
1108	2号線(一ノ橋I.C.)	B2	2	〃	〃	〃	43－2
1109	1号線(羽田海底トンネル)	〃	3	地盤・トンネル(2)	〃	〃	42－7
1110	湾岸線(荒川)	E2	3	地盤・橋脚・橋桁	〃	〃	51－10
12. 阪神高速道路公団							
1201	西横堀高架橋	B2	2	地盤・橋脚	大阪	大阪管理部	40－5
1202							
1203	南津守高架橋	D	2	地盤・橋脚	大阪	大阪管理部	45－3
1204							

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
13. 北海道開発局							
1301	空知大橋	Q	2	地盤・橋台	空地	開発局	53－2
1302	千代田大橋	B2	3	地盤・橋脚・橋台	十勝	〃	41－11
1303	新石狩大橋	〃	2	地盤・橋脚	石狩	〃	43
1304	大楽毛橋	〃	2	〃	上川	〃	42－10
1305	幌満橋	〃	2	〃	日高	〃	42－12
1306	旭川大橋	〃	2	〃	石狩	〃	44
1307	七時橋	〃	2	〃	渡島	〃	43－12
1308	石狩河口橋	〃	3	地盤・橋脚・橋桁	石狩	〃	45－3
1309	無意根大橋	D	2	地盤・橋脚	石狩	〃	44－10
1310	紅里大橋	D,E2	2	地盤・橋台	網走	〃	45－10
1311	鎌谷橋	D	2	〃	後志	〃	45－11
1312	清水橋	E2	2	地盤・橋脚	留萌	〃	46－10
1313	声問橋	B2	2	地盤・橋台	宗谷	〃	47－11
1314	志撫子橋	〃	2	〃	網走	〃	47－12
1315	温根沼大橋	Q	3	地盤・橋脚・橋台	根室	〃	50－11
1316	天塩河口橋	〃	2	地盤・橋台	留萌	〃	50－12
1317	広尾橋	〃	2	〃	十勝	〃	52－3
1318	上島崎橋	〃	2	地盤・橋脚	渡島	〃	53－3
1319	島松沢橋	〃	1	地盤	石狩	〃	54－12
1320	札幌I.C.高架橋	〃	2	地盤・橋脚	札幌	〃	56－12
1321	鶴川堤防	QA	2	地盤・堤体	胆振	〃	60.10,59.10
1322	大津築堤	Q	2	地盤・堤体	十勝	茂岩河川事業所	55－1
1323	釧路川堤防	〃	2	〃	釧路	開発局	57－1
14. 水資源開発公団							
1401	利根川河口堰	D	2	地盤・堰柱	千葉	河口堰管理所	44－6
1402	寺内ダム	E2	2	堤体(頂・底)	福岡	ダム管理所	52－3
15. 本州四国連絡橋公団							
1501	大和島	QA	1	地盤	兵庫	本四公団	59－6
1502	天文科学館	B2	1	1F	〃	〃	39－3
1503	大三島	〃	1	地盤	愛媛	〃	
1504	鳴門	(S 60.11 観測終了)			徳島	〃	37－8
1505	番ノ洲	〃	1	〃	香川	〃	撤去
1506	高松	(S 47.12 来島へ移設)					
1507	来島	〃	1	地盤	愛媛	〃	47－12
16. 下水道部							
1601	高合処理場	E2	2	地盤・構造物	東京	東京都下水道局	51－2
1602	13号埋立地(江東)	〃	2	〃	〃	〃	〃
1603	南砂ポンプ場	〃	2	地盤(2)	〃	〃	〃
1604	小菅処理場	〃	2	地盤・構造物	〃	〃	52－3
1605	谷端川幹線	〃	2	地盤(2)	〃	〃	〃
1606	花畑雨水幹線	T	3	地盤(2)下水管	〃	〃	〃

Table A1－6(1)　電磁式強震計設置箇所一覧表

昭和61年3月31日現在

No	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
1. 国道第一課							
5101	新飯野川橋			（S 57.3 観測終了）	宮城	仙台工事事務所	49－12
2. 国道第二課							
3. 地方道課							
5301	厚岸大橋	AIE301A	10	－12m(2)・－24m(2)・－47m(2)・－48m(2)・－58m(2)	北海道	新路土木・現業所	45－10
4. 有料道路課							
5401	琵琶湖大橋		6	地盤(4)・橋脚(2)	滋賀	琵琶湖大橋管理事務所	38－12
5. 道路企画課							
5501	富津岬	WS 3003	9	0 m(3)・－70m(3)・－110m(3)	千葉	東京湾岸道路調査事務所	44－10
5502	浮島公園	〃	12	0 m(3)・－27m(3)・－67m(3)・－127m(3)	神奈川	〃	45－1
5503	鯉音橋	〃	9	0 m(3)・－80m(3)・－120m(3)	〃	〃	46－3
5504	南港			計器管理替え（6201）			
5505	飯島			（S 58 観測終了）巻に更新	神奈川	東京湾岸道路調査事務所	49－3
5506	金城埠頭	WS 3203	9	0 m(3)・－45m(3)・－114m(3)	愛知	名四国道工事事務所	50－7
5507	深江	WS 3302	15	0 m(3)・－28m(3)・－61m(3)・－71m(3)・－120m(3)	大阪	阪神国道工事事務所	52-3,53-3
6. 開発課							
5601	湯田ダム	PK－130	6	堤頂(3)・岩盤(3)	岩手	湯田ダム管理所(建)	51－8
5602	皆瀬ダム			（S 57.3 観測終了）	秋田	皆瀬ダム管理所(県)	38－5
5603	鳴子ダム	PK－130	8	岩盤(3)・堤体（頂(2)・中(3)）	宮城	鳴子ダム管理所(建)	48－3
5604	川俣ダム	〃	13	岩盤(3)・堤体（頂(5)・中(5)）	栃木	川俣ダム管理所(〃)	45, 49
5605	室牧ダム	〃	9	堤体（頂(5)・中(4)）	富山	室牧ダム管理事務所(県)	35－8
5606	横山ダム	MTD－3C	12	岩盤(5)・堤体（頂(5)・中(2)）	岐阜	横山ダム管理所(建)	38－8
5607	天ケ瀬ダム			（S 54 観測終了）	京都	天ケ瀬ダム管理所(〃)	39－12
5608	猿谷ダム	PK－130	5	堤体(5)	奈良	猿谷ダム管理所(〃)	32－3
5609	四十四田ダム	〃	12	堤体（頂(9)・中(3)）	岩手	北上川ダム統管(〃)	32－12
5610	犀川ダム	〃	10	監査廊(5)・堤体(5)	石川	犀川ダム管理事務所(県)	43－12
5611	矢作ダム	〃	13	岩盤(3)・堤体（頂(4)・中(4)・底(2)）	愛知	矢作ダム管理所(建)	46－3
5612	釜房ダム	〃	6	岩盤(3)・堤頂(3)	宮城	釜房ダム管理所(〃)	45－4
5613	郡ダム	PTK－130	9	－5 m(3)・堤体（頂(3)・中(2)）	千葉	君津工業用水道事務所(県)	47－12
5614	下筌ダム	PK－130	8	堤体（頂(4)・底(4)）	熊本	松原下筌ダム管理事務所(建)	46－2
5615	藤原ダム	〃	3	堤中(3)	群馬	藤原ダム管理所(〃)	49－1
5616	阿蘇立野			（S 50.12 観測終了）	熊本	阿蘇立野熊本工事事務所	50－12
5617	白川ダム	PTK－130	12	地盤(3)・堤体（頂(3)・中(3)・底(3)）	山形	白川ダム管理所(建)	54－12
5618	御所ダム	〃	27	岩盤(3)・堤体（頂(6)・中(9)・底(9)）	岩手	御所ダム管理所(〃)	55－11
5619	石淵ダム	PTK－300	6	岩盤(3)・堤頂(3)	〃	石淵ダム管理所(〃)	55－12
5620	田瀬ダム	〃	6	〃	〃	田瀬ダム管理所(〃)	55－5
5621	野村ダム	〃	6	〃	愛媛	野村ダム管理所(〃)	57－3
5622	美和ダム	PK－130	3	堤中(3)	長野	美和ダム管理所(〃)	53－9
5623	小渋ダム	PK－130H	6	岩盤(3)・堤中(3)	〃	小渋ダム管理事務所(〃)	53－9
5624	石手川ダム	PK－130	3	堤頂(3)	愛媛	石手川ダム管理所(〃)	55－8
5625	五十里ダム	PTK－300	3	堤中(3)	栃木	五十里ダム管理所(〃)	55－1
5626	耶馬渓ダム	〃	9	岩盤(3)・堤体（頂(3)・中(3)）	大分	耶馬渓ダム工事事務所(〃)	59－3
5627	高見ダム	PTK－130	12	岩盤(6)・堤体（頂(3)・中(3)）	北海道	高見ダム管理事務所(県)	57－12
5628	岩見ダム	VP－9259	3	堤中(3)	秋田	岩見ダム管理事務所(〃)	53－11
5629	滝ダム	SD－112－3	6	岩盤(3)・堤頂(3)	岩手	滝ダム管理事務所(〃)	57－1
5630	網取ダム	PTK－130	6	堤体（頂(3)・底(3)）	〃	網取ダム管理事務所(〃)	54－5
5631	四時ダム	〃	9	岩盤(3)・堤体（頂(3)・中(3)）	福島	四時ダム管理事務所(〃)	57－3
5632	東山ダム	PTK－300	6	堤体（頂(3)・底(3)）	〃	東山ダム管理事務所(〃)	57－1
5633	城山ダム	MTD－3C	3	堤体（頂(1)・中(1)・底(1)）	神奈川	城山ダム管理事務所(〃)	40－4
5634	三保ダム	AS－1CTS	12	堤体（頂(3)・中(6)・底(3)）	〃	三保ダム管理事務所(〃)	53－3
5635	広瀬ダム	VP－9259	12	堤体（頂(6)・中(3)・底(3)）	山梨	広瀬ダム管理事務所(〃)	50
5636	笹生川ダム		11	堤頂(11)	福井	笹生川ダム管理事務所(〃)	41－4
5637	阿武川ダム	SA－155	10	岩盤(4)・堤体（頂(3)・底(3)）	山口	阿武川ダム管理事務所(〃)	50－3
7. 治水課							
5701	豊川放水路堤防		4	地盤(2)・堤体(2)	愛知	豊橋工事事務所	41－3
5702	利根川堤防		9	地盤(3)・堤頂(3)・本体(3)	茨城	利根川上流工事事務所	43－12
5703	荒川堤防		6	地盤(2)・堤頂(2)・本体(2)	東京	荒川下流工事事務所	48－12
5704	淀川堤防		9	地盤(3)・堤頂(3)・本体(3)	大阪	土木研究所	49－12
5705	八郎潟干拓堤防	SDA-240,112	9	地盤(3)・地中(6)	秋田		61－2
8. 海岸課							
5801	大矢野島			（S 60 観測終了）	熊本	熊本工事事務所	48－12
9. 土木研究所							
5901	利根川堤防			計器管理替え（5702）			
5902	荒川堤防			計器管理替え（5703）			

Table A1－6(2) 電磁式強震計設置箇所一覧表

昭和61年3月31日現在

No.	観測所名	型式	成分数	設置箇所	県名	維持管理	設置年月
10. 日本道路公団							
6001	尾道大橋	PK－130	11	地盤(3)・主塔(2)・主桁(6)	広島	日本道路公団	43－4
6002	境水道大橋	〃	11	地盤(3)・地中(3)・橋脚(5)	鳥取	〃	47－5
6003	関門橋	LG 3994	31	地中(9)・桁(6)・橋脚(8)・橋台(4)・塔(4)	福岡	〃	48－11
6004	広島大橋	PK－130	10	地盤(2)・橋脚(2)・ケーソン(6)	広島	〃	49－3
6005	石戸大橋	LG 2596	24	橋台(3)・主桁(9)・主塔(7)・中間塔(5)	福岡	〃	59－3
6006	長町橋	AIE 306	22	地中・橋台	神奈川	〃	〃
6007	白尾橋	〃	23	地中・橋台	静岡	〃	〃
11. 首都高速道路公団							
6101	9号線（本場）	TUSS	9	地中(9)	東京	東京保安部設計課	59－3
6102	4号線（永福町）	STBH	9	〃	〃	〃	51－2
12. 阪神高速道路公団							
6201	南港	WS 3203	12	0 m(3)・－22m(3)・－43m(3)・－68m(3)	大阪	阪神高速道路公団	49-3, 49-3
13. 北海道開発局							
6301	別海橋	AIE301A	4	－2 m(2)・－40m(2)	北海道	北海道開発局	46－10
6302	静内橋	〃	8	－2 m(2)・－40m(3)	〃	〃	57－10
6303	銀鍋経線橋	PTK－130	9	地盤(3)・地中(3)・フーチング横(3)	〃	〃	48－11
6304	豊平峡ダム	PK－130	7	堤体（頂(2)・中(2)・底(3)）	〃	豊平峡ダム管理所	47－3
6305	大雪ダム	PTK－130	15	堤体（頂(6)・中(6)・底(3)）	〃	大雪ダム管理所	49－3
6306	漁川ダム	〃	12	堤体（頂(3)・中(6)・底(3)）	〃	漁川ダム管理所	54－11
6307	島松沢橋	AIE－305	3	地中(3)	〃	北海道開発局	54－12
6308	白鳥大橋	AIE－306	9	－13m(3)・－25m(3)・－35m(3)	〃	〃	57－11
6309	鹿ノ子ダム	PTK－130	9	堤体（頂(3)・中(3)・底(3)）	〃	鹿ノ子ダム管理所	58－6
14. 水資源開発局							
6401	阿木川ダム	PK－130	3	岩盤(3)	岐阜	阿木川ダム工事事務所	46－12
6402	矢木沢ダム	PTK－300	6	堤体（頂(3)・底(3)）	群馬	矢木沢ダム管理所	55－3
6403	草木ダム	〃	6	〃	〃	草木ダム管理所	55－11
6404	岩屋ダム	PTK－130	16	岩盤(3)・堤体（頂(4)・中(9)）	岐阜	岩屋ダム管理所	51－1
6405	一庫ダム	PTK－300	18	堤体（頂(12)・中(3)・底(3)）	兵庫	一庫ダム管理所	57－3
15. 本州四国連絡橋公団							
6501	垂水（本州四国）	WS－3203	16	－5 m(6)・－20m(4)・－50m(3)・－250 m(3)	兵庫	本州四国連絡橋公団	47－3
6502	坂出（本州四国）		15	－5 m(6)・－20m(3)・－35m(3)・－55m(3)	香川	〃	48－12
6503	今治（本州四国）	WS 3203	12	－5 m(6)・－20m(3)・－40m(3)	愛媛	〃	48－3
6504	因島大橋	WS3209A	30	地盤(3)・地中(3)・橋脚(3)・塔(9)・桁上(12)	広島	〃	58－12
6505	大三島橋	WS 3012	12	地中(3)・リブ上(6)・道路面(3)	愛媛	〃	54－7

Table A1－7　普及型強震計設置箇所一覧表

昭和61年3月31日現在

No	観測所名	型式	台数	設置箇所	県名	維持管理	設置年月
1. 国道第二課							
S 101	堆物大橋	SM－10A	3	地盤・基礎・橋脚	秋田	秋田工事事務所	59－11
S 102	里恩大橋	〃	3	地盤・橋脚・橋桁	岩手	三陸国道工事事務所	59－12
S 103	三野インクーナンジ	〃	6	－5m・－51m・基礎(2)・橋脚(2)	埼玉	北首都国道工事事務所	60－1
S 104	柳木高架橋	〃	5	地盤・地中・基礎・橋脚(2)	宮城	仙台工事事務所	61－3
5. 道路公団課							
S 501	扇島	SANTAC－11S	4	－5m・－15m・－38m・－150m	神奈川	東京湾岸道路調査事務所	58-3, 58-6
6. 河川課							
S 601	四十内川ダム	SM－10	2	堤体（頂・中）	岩手	北上川ダム統管(建)	56－12
S 602	釜房ダム	SM－10A	2	岩盤・堤頂	宮城	釜房ダム管理所(〃)	57－4
S 603	川俣ダム	〃	2	〃	栃木	川俣ダム管理所(〃)	57－1
S 604	藤原ダム	SM－10	2	堤体（中・底）	群馬	藤原ダム管理所(〃)	56－3
S 605	小渕ダム	SM－10A	2	岩盤・堤頂	長野	大鹿川ダム統管(〃)	57－7
S 606	矢作ダム	SMA－TB	1	岩盤	愛知	矢作ダム管理所(〃)	57－5
S 607	天ケ瀬ダム	SM－10	3	岩盤・堤体（中・底）	京都	天ケ瀬ダム管理所(〃)	57－3
S 608	下筌ダム	〃	2	堤体（頂・底）	熊本	松原下筌ダム管理事務所(〃)	57－3
S 650	皆瀬ダム	SM－10A	2	岩盤・堤頂	秋田	皆瀬ダム管理所(統)	57－3
S 651	寺山ダム	〃	3	岩盤・堤体（頂・底）	栃木	那珂川水系ダム建設(〃)	未設置
S 652	奈良井ダム	SM－10	3	岩盤・堤体（頂・底）	長野	奈良井川改良事務所(〃)	57－1
S 653	大野ダム	〃	1	堤中	京都	大野ダム管理事務所(〃)	57－3
S 654	尾川ダム	〃	2	堤体（頂・中）	石川	尾口ダム管理事務所(〃)	56－10
S 655	魚切ダム	〃	3	岩盤・堤体（頂・底）	広島	魚切ダム管理事務所(〃)	57－3
7. 治水課							
S 701	阿武隈大堰	SM－10A	2	堰柱(2)	宮城	仙台工事事務所	58－3
S 702	淀川大堰	SM－10A	3	地盤・堰柱(2)	大阪	淀川工事事務所	58－4
8. 海岸課							
S 801	有明海岸堤防	SM－10A	2	地盤・堤体	佐賀	筑後川工事事務所	61－3
9. 土木研究所							
S 901	水郷大橋	SANTAC－11S	6	－15m，上桁内(3)，堰柱(2)	千葉	土木研究所	61－2
10. 日本道路公団							
S 1001	新境川橋	SM－10A	2	地盤・橋脚	山梨	大月管理事務所	60－3
S 1002	桂久保橋	〃	2	〃	東京	八王子管理事務所	60－3
S 1003	鶴川橋	〃	2	〃	山梨	大月管理事務所	60－3
S 1004	岩大橋	SM－10	4	橋脚・橋台・橋桁(2)	神奈川	厚木管理事務所	57－3
S 1005	東米里高架橋	SM－10A	4	地盤・地中・橋脚・フーチング	北海道	札幌工事事務所	58－10
S 1006	名港西大橋	〃	10	塔柱(2)・主桁内(5)・下部工天端(2)・ケーソン埋込	愛知	集名管理事務所	60－3
13. 北海道開発局							
S 1301	錦岡橋	SMA 2	2	地盤・橋台	北海道	苫小牧道路事務所	50－2
S 1302	岩尾内ダム	SM－10	1	1 F	〃	岩尾内ダム管理所	57－7
S 1303	金山ダム	SMA－TB	1	堤底	〃	金山ダム管理所	57－3
S 1304	住沢ダム	〃	1	〃	〃	住沢ダム管理所	57－5
17. その他							
S 1701	安波ダム	SM－10A	2	堤体（頂・底）	沖縄	安波ダム管理所	58－3
S 1702	福地ダム	〃	1	岩盤	〃	福地ダム管理所	58－3

付録－2　強震計の特性

本資料に収録した地震動の加速度記録は，SMAC－A型，SMAC－B型，SMAC－B2型，SMAC－D型，SMAC－E2型，SMAC－Q型，電磁式強震計，普及型強震計のいずれかの型式の地震計により記録されたものである。

これらの地震計の公称の特性及び構造の概略をTable A2－1～Table A2－4，及びFigure A2－1～Figure A2－4に示す。

ここで

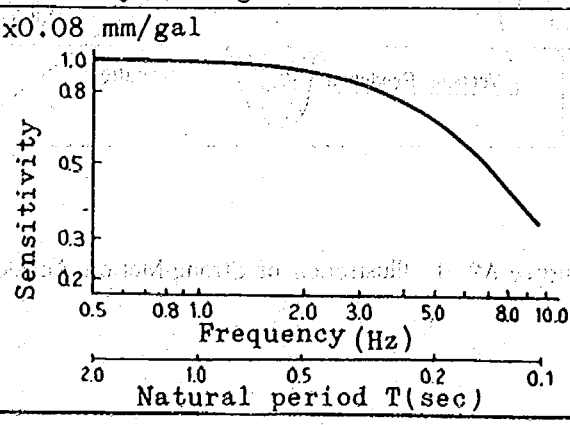
Table A2－1　SMAC－B2型強震計の特性
Figure A2－1　SMAC－B2型強震計の構造

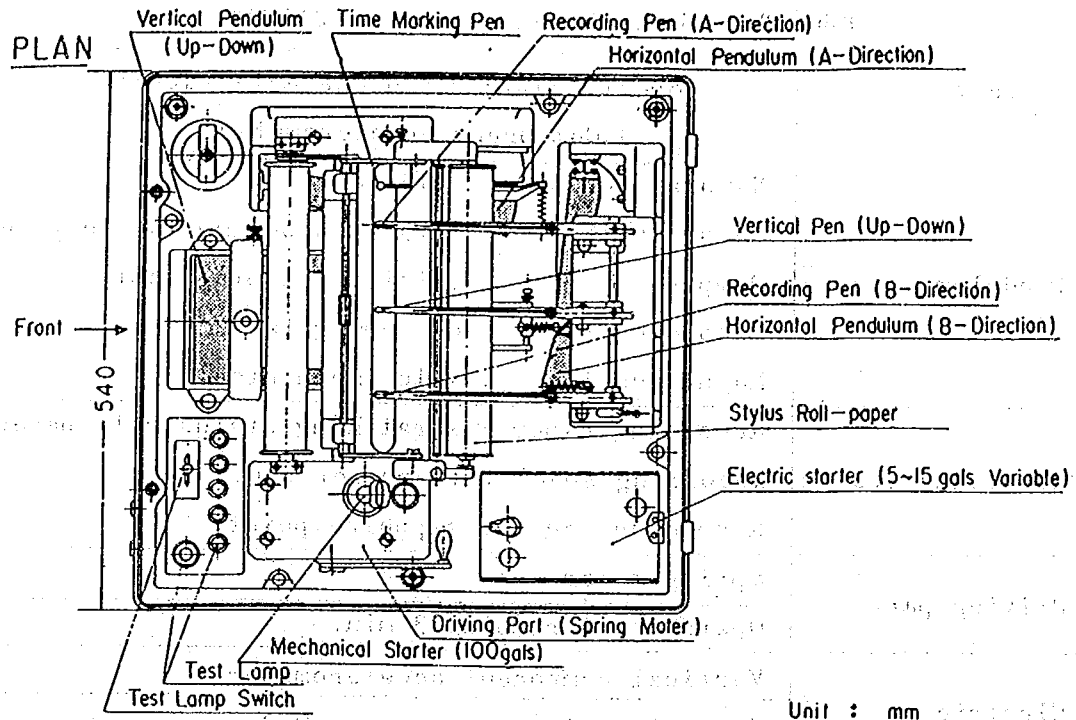
Table A2－2　SMAC－D型　強震計の特性
Figure A2－2　SMAC－D型　強震計の構造

Table A2－3　SMAC－Q型　強震計の特性
Figure A2－3　SMAC－Q型　強震計の構造

Table A2－4　電磁式強震計の特性
Figure A2－4　電磁式強震計の構造

Table A2—1 Strong-Motion Accelerograph, SMAC-B2

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.14 sec. Sensitivity : 12.5 gals per mm on the paper Damping : critical damping (h=1) Recording range : 6 ~ 500 gals Magnitication : x 16 (mechanical)
Recording system	Recording paper : scratching stylus roll-paper Recording speed : 10 mm per sec. Recording pen : sapphire point
Driving part	Spring motor
	Operating for about 3 min.
Electric self-starter	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : from 5 to 15 gals
Mechanical self starter	Sensitivity at starting : about 100 gals
Time marking	Interval : 1 sec.
Checking device	Pilot lamp and buzzer
Electric power supply	Dry cell 3V x 4 (JIS No. FM 5)
Console	Aluminum alloy
Dimension	540 (width) x 540 (length) x 370 (height) mm
Net weight	Approximately 100 kg
Frequency Characteristics	



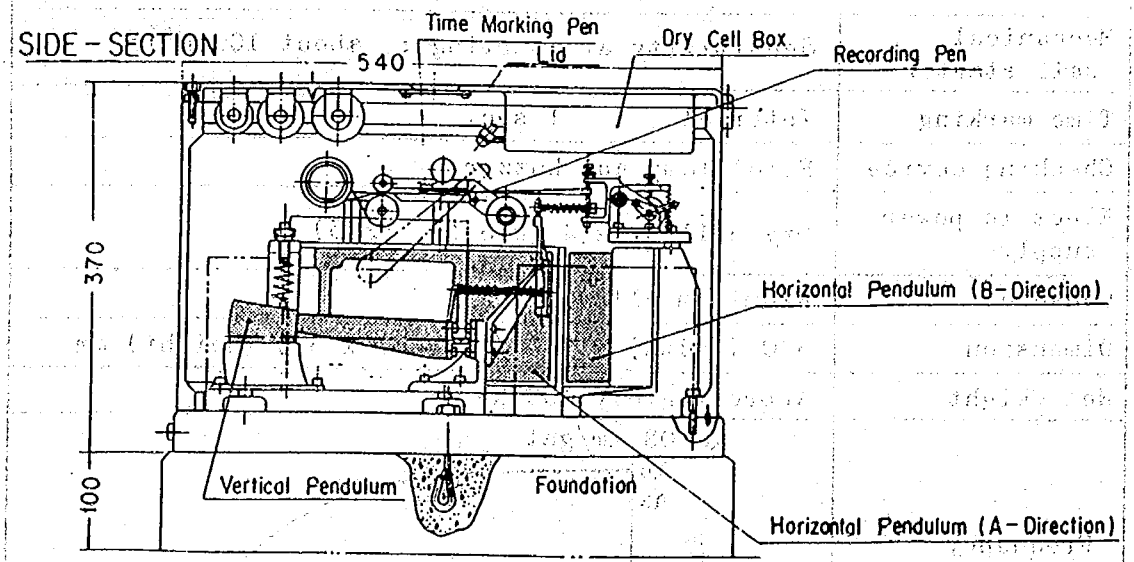
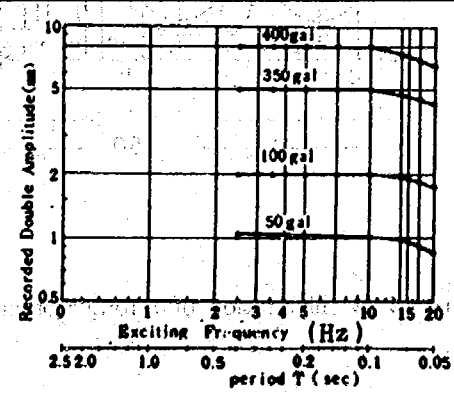


Figure A2—1 Illustration of Strong-Motion Accelerograph, SMAC-B2

Table A2—2 Strong-Motion Accelerograph, SMAC-D

Parts	Specifications and Characteristics
Pendulum	3-Component accelerometer
	Natural period : 0.05 sec. (20 cps) Sensitivity : 5mm/500gals on scratch-record-film. 40mm/500gals (by multiplying optically the film by 8) Damping : air damper h = 0.5 ~ 0.7 Recording range : 5 ~ 500 gals Frequency range : 0 ~ 20 cps
Recording system	Recording paper : scratching stylus scratch-record-film Recording speed : 5 mm per sec. Recording pen : diamond point
Driving part	Micro-motor (DC. 12 Volts)
	able to start 100 times, operates for about 1 min. 30 sec. after each starting
Electric- self stater	Vertical component accelerometer
	Natural period : 0.3 sec. Sensitivity at starting : 5 gals
Time marking system	5 pulse/sec, Electric timer
Electric power supply	Nickel-Cadmium Battery (DC 12V , 3.5A, with Automatic charger or AC 100V together)
Dimension	450 (width) x 450 (length) x 350 (height) mm
Net weight	Approximately 70 kg
Frequency Characteristics	

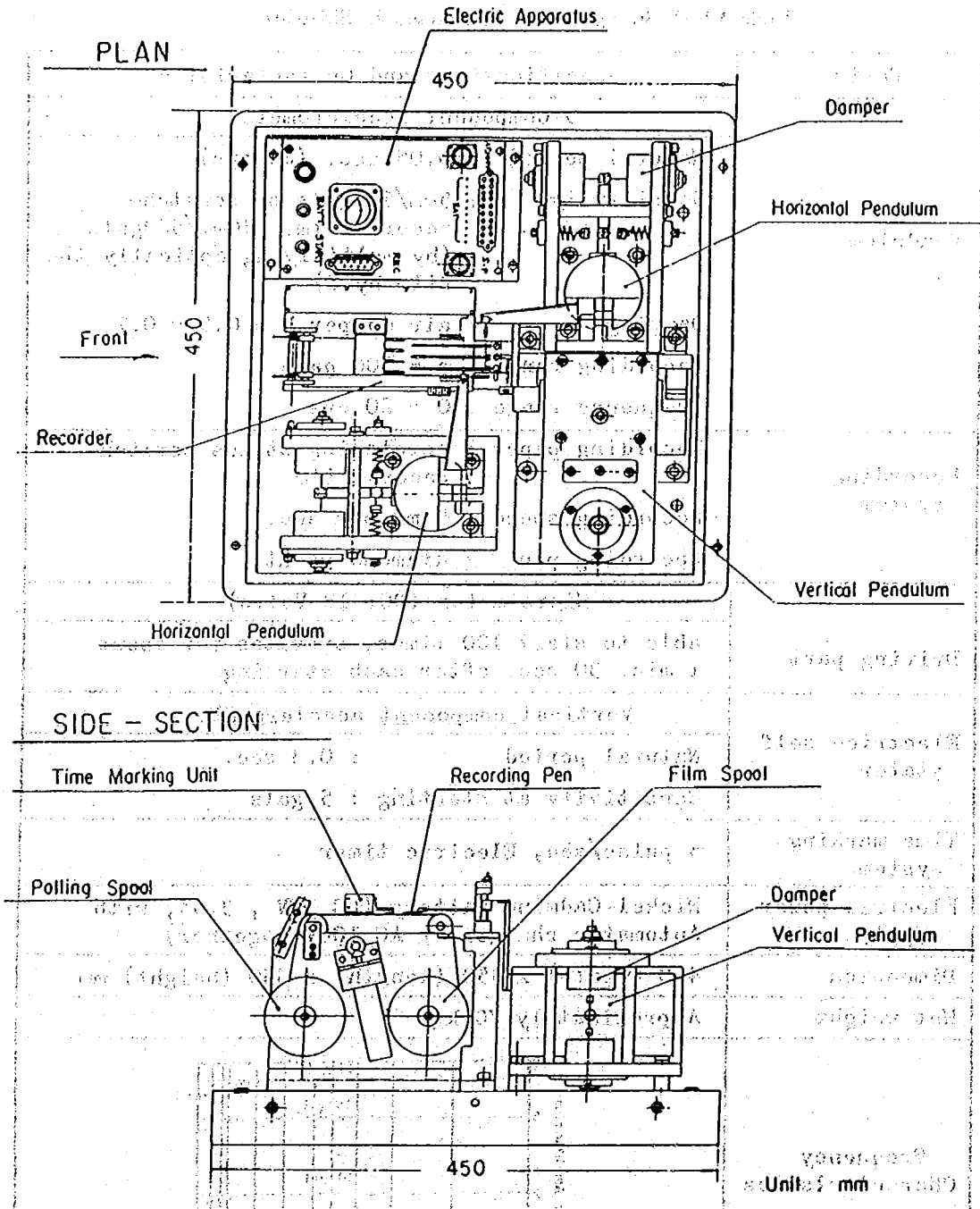
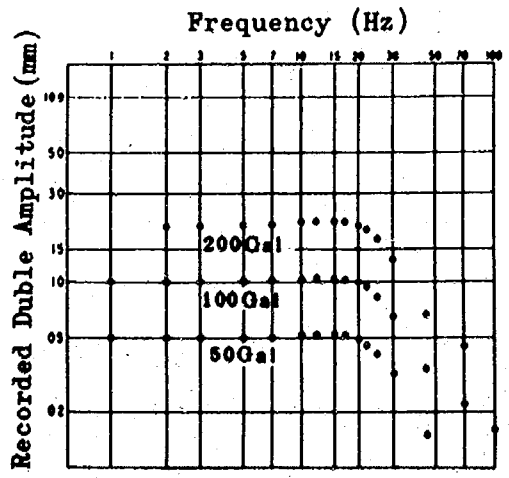
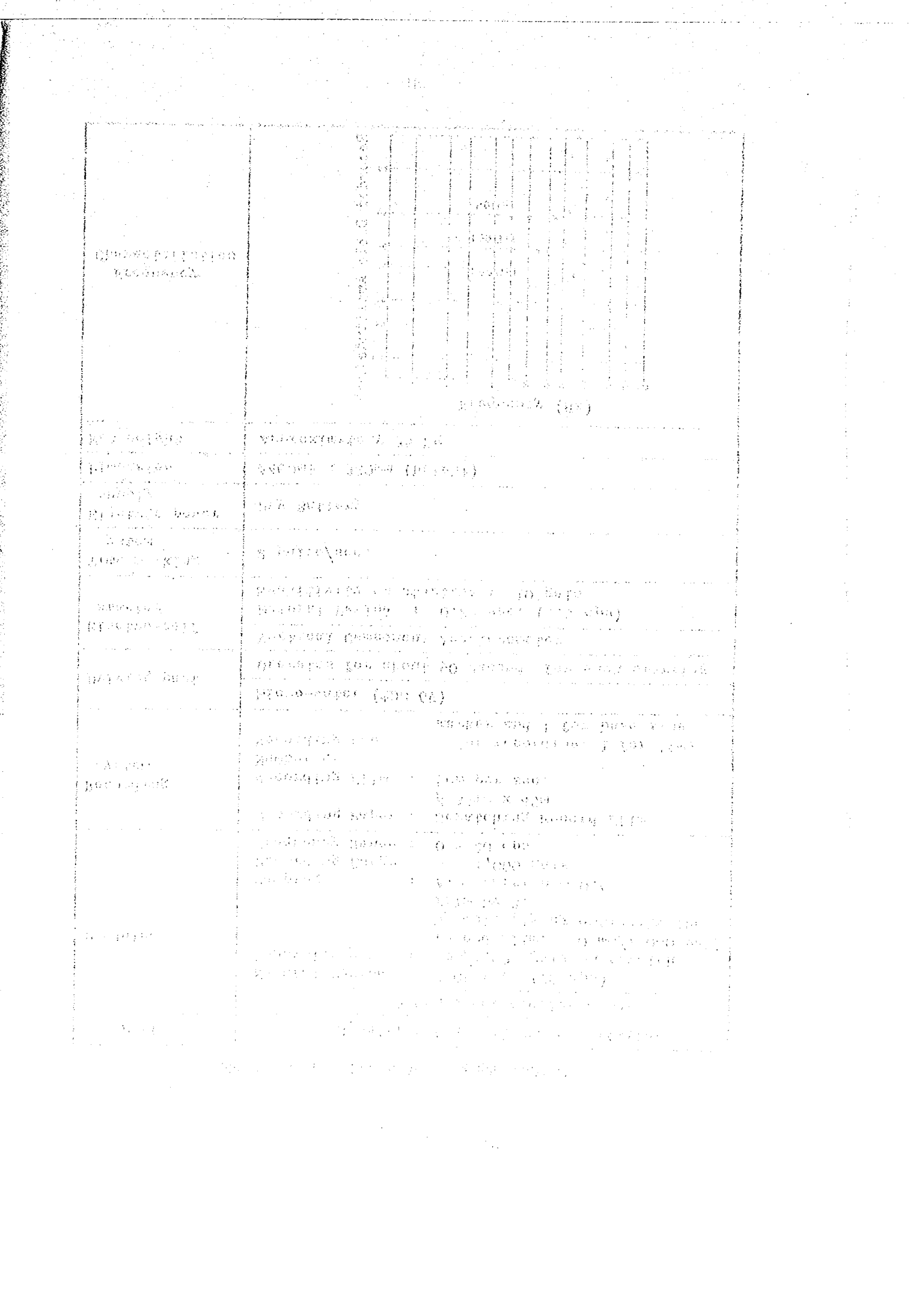
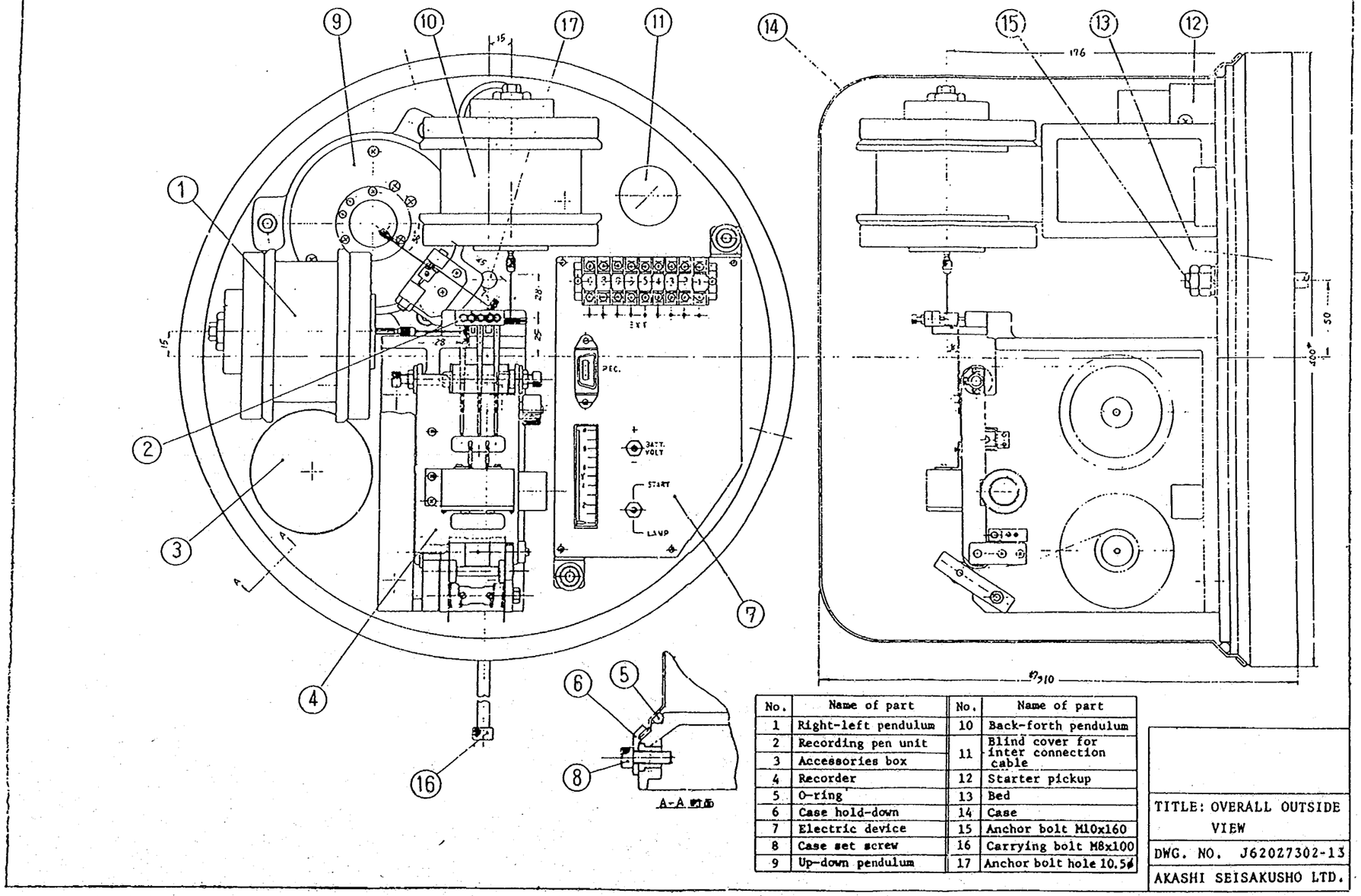


Figure A2–2 Illustration of Strong-Motion Accelerograph, SMAC-D

Table A2—3 Strong-Motion Accelerograph, SMAC-Q

Parts	Specifications and Characteristics
Pendulum	3-Component Accelerometer
	Natural Period : 0.05 sec. (20 cps) Sensitivity : 5mm/1,000 gals on scratch-record-film. 40 mm/1,000 gals by multiplying optically the film by 8. Damping : Air damper h ≒ 0.6 Recording Range : 5 ~ 1,000 gals Frequency Range : 0 ~ 20 cps
Recording system	Recording Paper : Scratching Record-Film φ 35mm x 45m Recording Film : 5mm per sec. Number of Recording Pen : 3 for recording, 1 for time marker and 1 for base line
Driving part	Micro-water (±DC 6V)
	Operates for about 90 seconds for each starting
Electro-self starter	Vertical Component Accelerometer
	Natural Period : 0.22 sec. (4.5 cps) Sensitivity at starting : 10 gals
Time marking system	2 pulse/sec.
Electric power supply	Dry Battery
Dimension	φ400mm x 320mm (height)
Net weight	Approximately 35 Kg
Frequency Characteristics	





No.	Name of part	No.	Name of part
1	Right-left pendulum	10	Back-forth pendulum
2	Recording pen unit	11	Blind cover for inter connection cable
3	Accessories box		
4	Recorder	12	Starter pickup
5	O-ring	13	Bed
6	Case hold-down	14	Case
7	Electric device	15	Anchor bolt M10x160
8	Case set screw	16	Carrying bolt M8x100
9	Up-down pendulum	17	Anchor bolt hole 10.5φ

TITLE: OVERALL OUTSIDE VIEW

DWG. NO. J62027302-13

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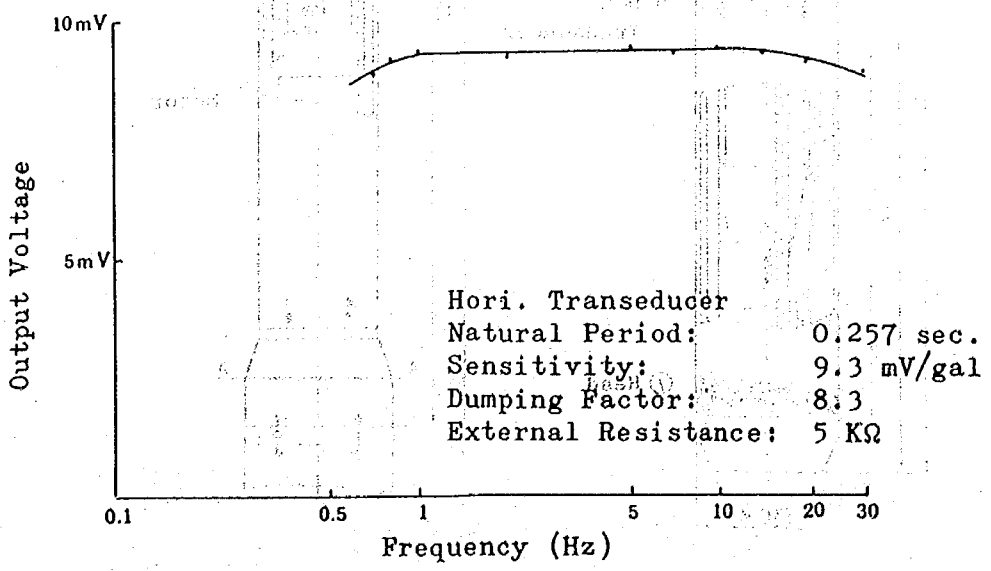
Figure A2—3 Strong-Motion Accelerograph, SMAC-Q

Table A2—4 Bore-hole Seismograph (TYPE-3203)

Parts	Specifications and Characteristics
Transducer	3-Component Accelerometer
	Natural Period : 0.25 sec. (4 cps) Sensitivity : 7mV/gal Damping Factor : h ≃ 10 Recording Range : 400 gals Frequency Range : 0.5 ~ 30 cps
Test Coil	Coil Resistance : 2 KΩ Usage : able to vibrate a pendulum of transducer with oscilator
Declinometer	Principle : Measuring angles from North with a Optical system and Magnetic Compass Accuracy : ±5 degree
Water-proof	30 Kg/cm^2 (at the joint between cable and case)
Dimension and Net Weight	Total length : 2,230 mm Max. Outside Diameter : 130 mm Length of Declinometer : 790 mm Length of Horizontal Transeducer : 370 mm Length of Vertical Transeducer : 390 mm Net Weight : Approximately 110 Kg



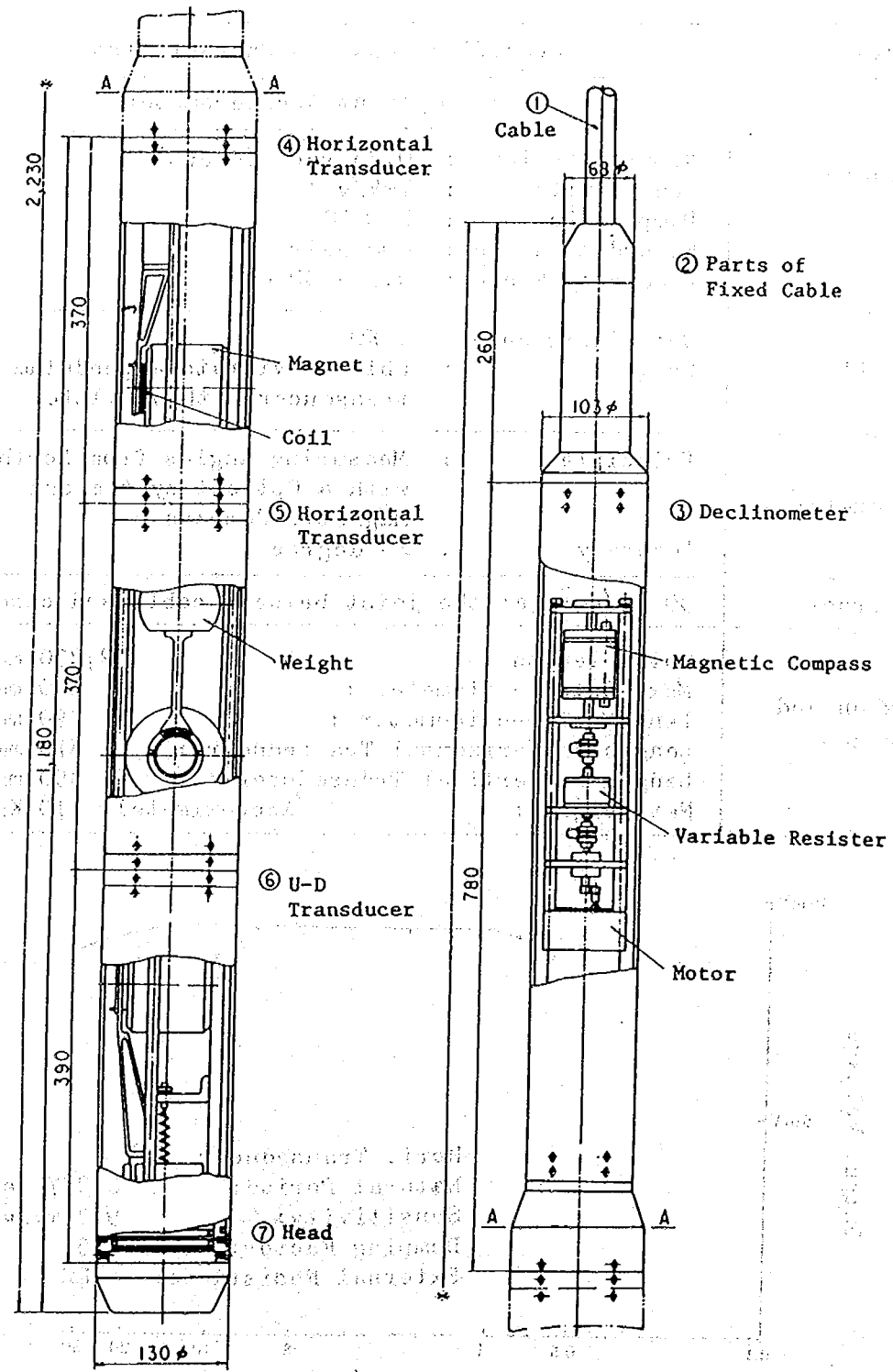


Figure A2—4 Bore-hole Seismograph (TYPE-3203)

付録－3　記録の補正

本資料に収録した地震動記録はSMAC型強震計若しくは電磁式強震計により記録紙上にアナログ量として収録された波形を自動座標変換機（ディジタイザー）により読み取った後に次の補正を施したものである。

1）中心軸（基線）の補正

ディジタル化した記録の中心軸を最小二乗法により定め，この中心軸が加速度振幅軸の基線となるよう補正したものである。

2）円弧補正

SMAC型強震計では，記録ペンの構造上，加速度記録はFigure A3－1に示すように，円弧状の曲線を描く。ディジタル化の際には，見かけの加速度振幅 $\overline{A't'}$ を読み取ってこれを時刻 t′ での加速度値としているが，加速度振幅が大きくなるにつれて，真の加速度振幅 $\overline{At}$ 及びこれの生ずる時間 t との間の誤差が大きくなる。このような点を正しく補正するためには，SMAC型強幾計で採取された地震動の記録に対しては，次のような円弧補正を加えている。

Figure A3－1において，見かけの時刻 t′ において見かけの加速度振幅 a′ gal（$\overline{A't'}$）をもつ任意の点 A′は，正しくは時刻　における加速度振幅 a gal（$\overline{At}$）の点 A に対応しなければならない。従って今，紙送り速度 v が一定であると仮定すると時間軸の補正値 Δt 及び加速度振幅の補正値 Δa は次式のようになる。

$$\Delta t \equiv t' - t = R(1 - \cos\theta)/v \quad \cdots\cdots (A3-1)$$

$$\Delta a \equiv \widehat{A't} - \overline{A't'} = R\theta - R\sin\theta \quad \cdots\cdots (A3-2)$$

ここで

t ：正しい時刻

t′：見かけの時刻

R：アーム長

v ：紙送り速度

$$\theta : \sin(a'/R) \quad \cdots\cdots (A3-3)$$

一般には（A3－3）式で与えられる θ は極めて小さいため（A3－2）式で与えられる加速度振幅に対する補正量 Δa は，微少な値となるので（A3－1）式で与えられる時間軸の補正（Δt）のみを加えることとしている。

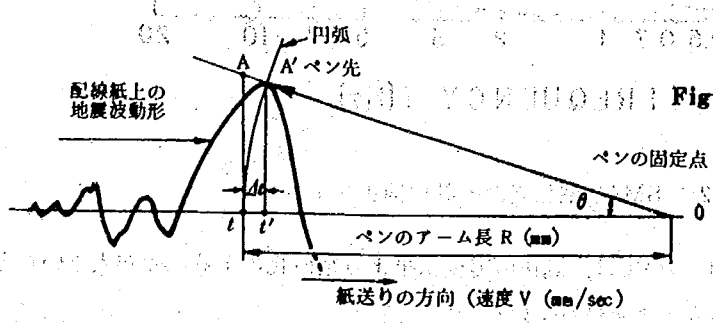


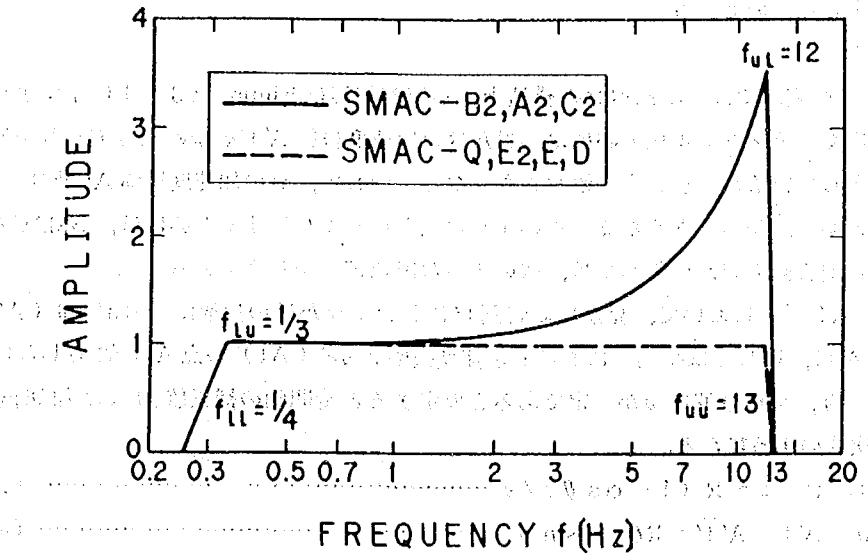
Figure A3－1　Are-Correction of Acceleration Measured by SMAC Type Seismograph

3) 時間軸補正

記録紙の送りむらを補正するため，地震動記録と同時に記録紙上に等時間間隔で記録されるタイムコードをディジタイザーで読みとり，ディジタル化したデータの時間軸の補正を行う。

4) 計器補正

Table A2－1～Table A2－3で示したように，強震計の機種によって特に短周期側における感度が低下する。これより周波数領域においてFigure A3－2に示す補正関数を用い計器補正を行っている。



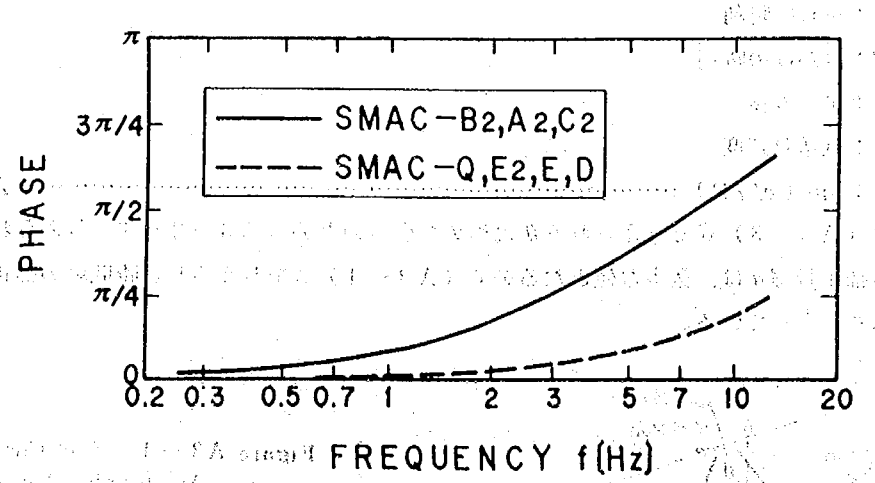


Figure A3－2　SMAC型強震計の計器補正フィルター

ここで短周期成分及び長周期成分については，既往の実験結果より数値化による誤差が大きいことから，Figure A3－2で示すようにカットを行っている。

付録－4　加速度応答スペクトルの計算法

Figure A4－1に示す質量m，ばね係数k，減衰係数cからなる1自由度の振動系が$\ddot{z}$なる地震動の加速度を受けた場合の運動方程式は，次式で表される。

$$m\ddot{y}+c\dot{y}+Ky=-m\ddot{z} \quad \cdots\cdots (A4-1)$$

（A4－1）式の解は，次式で与えられる。

$$y=-\frac{1}{\omega p}\int_0^t \ddot{z}(t)\, e^{-ph(t-\tau)} \sin \omega p (t-\tau)\, d\tau \quad \cdots\cdots (A4-2)$$

ここで

$\omega p = p\sqrt{1-h^2}$

$p=\sqrt{k/m}$ ：固有円振動数

$h=c/2\cdot\sqrt{m\cdot k}$ ：減衰定数

（A4－2）式の応答変位yは系の減衰定数hをパラメータとして固有周期Tの関数として求められる。

応答変位スペクトル（SD）は，応答変位yの最大値として定義し，次式で表される。

$$SD=|y|_{max}=\frac{1}{\omega p}\left|\int_0^t \ddot{z}(\tau)e^{-ph(t-\tau)} \sin \omega p (t-\tau)\, d\tau\right|_{max} \quad \cdots (A4-3)$$

速度応答スペクトル（SV），加速度（絶対加速度）応答スペクトル（SA）は応答変位スペクトル（SD）から近似的に次式で与えられる。

$$SV \simeq \frac{2\pi}{T}\cdot SD \quad \cdots\cdots (A4-4)$$

$$SA \simeq \left(\frac{2\pi}{T}\right)^2 \cdot SD \quad \cdots\cdots (A4-5)$$

ここで，加速度応答スペクトルの値を入力地震動加速度の最大値$\ddot{z}_{max}$で割った値は，いわば地震動の加速に対するその系の応答加速度の倍率を表している。これを加速度応答倍率スペクトルβと定義した。

すなわち

$$\beta = SA/\ddot{z}_{max} \quad \cdots\cdots (A4-6)$$

である。

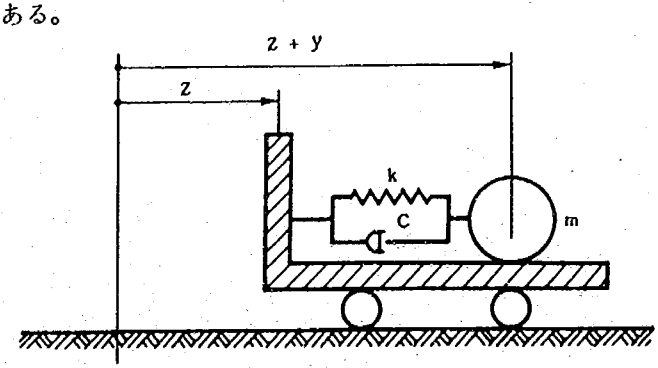


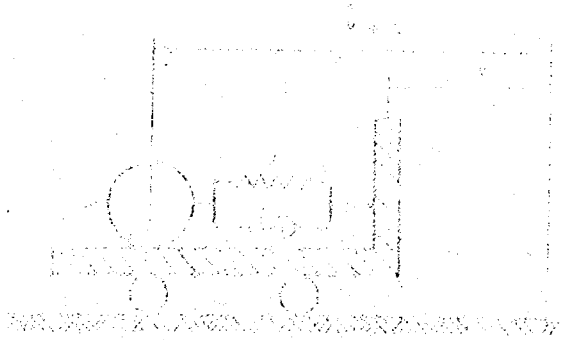
Figure A4－1　Response of One Mass-Spring System

付録－5　英文解説

APPENDIX－5　ENGLISH DESCRIPTION

Table－2 shows items of earthquake contained in this issue. Explanation of items in Table －2 is as follows.

ITEM OF TABLE 2	EXPLANATION
SERIAL NUMBER	Serial number
EARTHQUAKE NUMBER	Index number of earthquake obtained records Contains two information, year and serial number in the year.
EPICENTRAL REGION	Epicentral region named by Japan Meteorological Agency.
ORIGIN DATE AND TIME (JAPAN STANDARD TIME)	Origin date and time by J. M. A. (Japan Standard Time)
EAST LONGITUDE	East longitude of epicenter by J. M. A. (degree, minute)
NORTH LATITUDE	North latitude of epicenter by J. M. A. (degree, minute)
FOCAL DEPTH (KM)	Focal depth (km)
MAGNITUDE (J. M. A. MAGNITUDE)	J. M. A. Magnitude



Table－3 shows items of records which wave figures, response spectva and numerical values are is this issue. Expranation of items in Table－3 is as follows.

ITEM OF TABLE 3	EXPLANATION
SERIAL NUMBER	Serial Number
EARTHQUAKE NUMBER	Index number of earthquake obtained records. Contains two information, year and serial number in the year.
INDEX NUMBER RECORD NUMBER	Index number of records registered by Public Works Research Institute Record number contains three information, Staition number, Installation condition and Sequence number. STATION NUMBER : Number representing the place where accelerographs are installed INSTALLATION CONDITION : Character representing the point where accelerograph is istalled. GR : ground surface PI : pier top of bridge AB : abutment of bridge G : girder FU : footing of pier DA : dam ES : estuary dam GT : water gate BK : embankment TU : tunnel US : under ground structure n.F or Bn.F : building ST : other structure SEQUENCE NUMBER : Number representing the sequence of earthquake motion recorded by the accelerometer
STATION NAME	Earthquake observation station name
COMPONENT	Direction of component LG : Longitude of structure U－D : Up－Down TR : Transverse of structure HA : Horizontal component A

ITEM OF TABLE 3	EXPLANATION
	HB : Horizontal component B
MAXIMUM ACCELERATION VALUE (GAL)	Maximum acceleration value of record (gal)
MAXIMUM ACCELERATION TIME (SEC)	Time when maximum acceleration value occur.
DIGITIZED TIME (sec)	Digitized time from bigining to end.
DATA POINT NUMBER	Number of numeral values.

Table — 4 shows items of records obtained by earthquakes of Table — 2 It contains three information, items of earthquake, observed records and station data. Explanation of items in Table — 4 is as follows.

	ITEM OF TABLE 4	EXPLANATION
ITEMS OF EARTHQUAKE		Explanation is written in Table — 2
OBSERVED RECORDS	STATION NUMBER	Number representing the place where accelerographs are installed.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table — 3)
	RECORD NUMBER	Number representing the sequence of earthquake motion recorded by the accelerometer
	EPICENTRAL DISTANCE (KM)	Epicentral distance (km)
	MAXIMUM VALUE OF ORIGINAL RECORD (GAL)	Maximum acceleration values measured from original records (gal)
	MAXIMUM VALUE OF ARRANGED RECORD (GAL)	Maximum acceleration values after digitized and corrected records (gal)
	INDEX NUMBER	Index number of records registered by public Works Research Institute.
STATION DATA	STATION NUMBER	Same as above.
	STATION NAME	Station name.
	INSTALLATION CONDITION	Character representing the point where accelerographs is installed (refering to Table — 3)
	EAST LONGITUDE	East longitude of site where accelerographs is installed (degree, minute, second)

	ITEM OF TABLE 4	EXPLANATION
	NORTH LATITUDE	North latitude of site where accelerographs is installed (degree, minute, second)
	INSTALLED DATE	Date when accelerographs installed.
	DIRECTION OF HA	Direction of horizontal component A
	MACHINE NUMBER	Accelerograph production number.

Figure 4 — 1 shows the location of the stations obtained records by the earthquakes listed at Table 2.

Figure 4 — 2 shows the location of the Japan Meteorological Agency stations where. J. M. A. seismic intensity is larger than or equal I.

Figure 5 show corrected acceleration wave in the sequence of index number listed at Table 3.

Figure 6 show acceleration response spectrum ratio of the records in the sequence of index number listed at Table 3.

Figure 7 show the numerical value of the corrected acceleration in the sequence of index number listed at Table 3.