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土木構造物における加速度強震記録(No.13)

Strong-Motion Acceleration Records from Public Works in Japan (No. 13)

昭和63年 1 月
January 1988

建設省土木研究所

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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13巻めの資料である。この資料には，1986年1月から1986年12月までに発生した地震のうち，強震記録の得られた23地震123記録のデータを収録している。このうち7地震16記録45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 13th report presenting earthquake acceleration motions measured on structures (except building or port structures) and on grounds near the structures in Japan. This issue contains 123 records caused by 23 Earthquakes maesured between Jaunary 1986 and December 1986. 45 components (16 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 371.

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，強震観測体制と検索システムを徐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制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13巻めの資料であり，1986年1月から1986年12月までに発生した地震のうち強震記録の得られた23地震123記録のデータを収録している。このうち，7地震16記録45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。

なお，昭和62年度発行の第13巻より，普及型強震計により得られた強震記録を収録することとした。強震計の特性を付録－2に，記録の補正方法を付録－3に示す。

また，昭和61年度発行の第12巻より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ている。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バンドパスフィルターを施した記録とした。
（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12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域	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. 1～1977.12	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
12	土木構造物における加速度強震記録 (No 12)　彙報第46号	1985. 1～1985.12	7地震	45成分		昭和62年(1987年) 1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，1986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	86001	E OFF IBARAKI PREF	1986.02.12.11:59	141 05	36 25	44	6.1
2	86002	E OFF MIYAGI PREF	1986.03.02.16:09	142 18	38 28	33	6.0
3	86003	SW IBARAKI PREF	1986.04.14.21:47	139 55	36 05	56	4.2
4	86004	E OFF FUKUSHIMA PREF	1986.05.05.22:27	141 31	36 55	78	4.9
5	86005	FAR E OFF MIYAZAKI PREF	1986.05.09.01:07	132 33	32 44	48	4.8
6	86006	EASTERN FUKUSHIMA PREF	1986.05.15.02:11	140 43	37 31	83	4.9
7	86007	NE KUMAMOTO PREF	1986.05.24.17:08	131 09	33 02	6	4.4
8	86008	NW OFF KINKI DISTRICT	1986.06.03.19:11	135 12	35 54	12	4.7
9	86009	SE OFF BOSO PENINSULA	1986.06.24.11:53	140 43	34 49	73	6.5
10	86010	SE OFF BOSO PENINSULA	1986.06.25.03:45	140 43	34 52	70	5.1
11	86011	HAKONE REGION	1986.07.09.01:17	139 05	35 13	15	4.1
12	86012	NORTHERN IBARAKI PREF	1986.07.10.11:10	140 35	36 12	81	4.8
13	86013	NEAR CHOSHI CITY	1986.07.20.08:46	140 59	35 50	36	4.0
14	86014	EASTERN NAGANO PREF	1986.08.24.11:34	138 19	36 19	4	4.9
15	86015	BUNGO CHANNEL	1986.08.27.09:26	132 25	33 17	34	3.7
16	86016	E OFF FUKUSHIMA PREF	1986.10.14.06:17	141 13	37 03	53	5.7
17	86017	E OFF HACHIJOJIMA ISLAND	1986.11.26.13:42	140 18	33 26	54	5.0
18	86018	E OFF IBARAKI PREF	1986.11.29.07:29	141 10	36 23	42	5.8
19	86019	KINKAZAN REGION	1986.12.01.05:15	142 08	38 52	51	6.0
20	86020	CENTRAL AICHI PREF	1986.12.11.13:28	136 47	35 03	15	3.9
21	86021	NW WAKAYAMA PREF	1986.12.13.19:16	135 07	34 12	12	4.2
22	86022	NW WAKAYAMA PREF	1986.12.22.04:03	135 08	34 09	5	2.9
23	86023	NORTHERN NAGANO PREF	1986.12.30.09:38	137 55	36 38	3	5.9

3. 掲載強震記録

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	86001	1148	503-GR-1-58	KANNONZAKI	HA. (HA.)	-73.5	6.78	38.00	3800
2	86001	1149	503-GR-1-58	KANNONZAKI	U-D	-11.6	6.71	38.00	3800
3	86001	1150	503-GR-1-58	KANNONZAKI	HB. (HB.)	19.2	7.13	38.00	3800
4	86009	1151	206-GR-1-46	OMIGAWA BRIDGE	HA. (HA.)	26.1	10.39	42.40	4240
5	86009	1152	206-GR-1-46	OMIGAWA BRIDGE	U-D	7.4	1.16	42.45	4245
6	86009	1153	206-GR-1-46	OMIGAWA BRIDGE	HB. (HB.)	-24.8	4.08	42.45	4245
7	86009	1154	501-GR-1-127	FUTTU CAPE	HA. (HA.)	-95.1	14.82	88.00	8800
8	86009	1155	501-GR-1-127	FUTTU CAPE	U-D	25.5	14.97	88.00	8800
9	86009	1156	501-GR-1-127	FUTTU CAPE	HB. (HB.)	-62.8	15.77	88.00	8800
10	86009	1157	503-GR-1-59	KANNONZAKI	HA. (HA.)	135.2	17.04	71.32	7132
11	86009	1158	503-GR-1-59	KANNONZAKI	HB. (HB.)	-53.9	18.11	71.32	7132
12	86009	1159	712-GR-1-8	EDOGAWA EMB.	HA. (HA.)	33.0	18.90	49.44	4944
13	86009	1160	712-GR-1-8	EDOGAWA EMB.	U-D	15.3	20.83	49.34	4934
14	86009	1161	712-GR-1-8	EDOGAWA EMB.	HB. (HB.)	-38.6	22.65	49.55	4955
15	86009	1162	913-GR-1-5	AMATSU BRIDGE	HA. (HA.)	33.8	10.51	24.85	2485
16	86009	1163	913-GR-1-5	AMATSU BRIDGE	U-D	-19.2	11.48	24.85	2485
17	86009	1164	913-GR-1-5	AMATSU BRIDGE	HB. (HB.)	32.9	10.26	24.85	2485
18	86009	1165	913-GR-2-6	AMATSU BRIDGE	HA. (HA.)	-88.3	9.75	27.13	2713
19	86009	1166	913-GR-2-6	AMATSU BRIDGE	U-D	25.7	0.94	27.14	2714
20	86009	1167	913-GR-2-6	AMATSU BRIDGE	HB. (HB.)	-58.0	10.68	27.15	2715
21	86009	1168	1017-GR-1-8	J.H.P.C. LAB.	HA. (HA.)	37.7	19.31	47.50	4750
22	86009	1169	1017-GR-1-8	J.H.P.C. LAB.	U-D	-17.8	2.38	38.79	3879
23	86009	1170	1017-GR-1-8	J.H.P.C. LAB.	HB. (HB.)	-33.7	19.67	47.50	4750
24	86009	1171	S1401-GR-1-1	TONEGAWA ES.	HA. (HA.)	-26.2	16.02	93.79	9379
25	86009	1172	S1401-GR-1-1	TONEGAWA ES.	U-D	11.5	21.80	93.79	9379
26	86009	1173	S1401-GR-1-1	TONEGAWA ES.	HB. (HB.)	33.3	23.87	93.79	9379
27	86010	1174	206-GR-1-47	OMIGAWA BRIDGE	HA. (HA.)	-35.3	14.82	61.50	6150
28	86010	1175	206-GR-1-47	OMIGAWA BRIDGE	U-D	10.1	9.25	47.00	4700
29	86010	1176	206-GR-1-47	OMIGAWA BRIDGE	HB. (HB.)	-31.9	16.04	61.50	6150
30	86018	1177	503-GR-1-60	KANNONZAKI	HA. (HA.)	74.1	7.42	55.00	5500
31	86018	1178	503-GR-1-60	KANNONZAKI	U-D	7.5	4.10	55.00	5500
32	86018	1179	503-GR-1-60	KANNONZAKI	HB. (HB.)	38.4	7.50	55.00	5500
33	86018	1180	S1401-GR-1-3	TONEGAWA ES.	HA. (HA.)	22.3	2.04	70.16	7016
34	86018	1181	S1401-GR-1-3	TONEGAWA ES.	U-D	9.5	8.90	70.16	7016
35	86018	1182	S1401-GR-1-3	TONEGAWA ES.	HB. (HB.)	32.1	5.14	70.16	7016
36	86019	1183	713-GR-1-1	YOSHIDAGAWA EMB.	HA. (HA.)	25.4	1.35	32.50	3250
37	86019	1184	713-GR-1-1	YOSHIDAGAWA EMB.	U-D	-15.4	2.08	25.00	2500
38	86019	1185	713-GR-1-1	YOSHIDAGAWA EMB.	HB. (HB.)	-40.6	1.01	32.50	3250
39	86021	1186	112-GR-1-43	KINOKAWA BRIDGE	HA. (HA.)	-74.7	0.18	24.33	2433
40	86021	1187	112-GR-1-43	KINOKAWA BRIDGE	HB. (HB.)	-86.8	0.11	24.33	2433
41	86023	1188	605-DA-1-2	SUSOBANA DAM	HA. (HA.)	-281.6	2.79	40.00	4000
42	86023	1189	605-DA-1-2	SUSOBANA DAM	U-D	-41.3	2.52	40.00	4000
43	86023	1190	605-DA-2-1	SUSOBANA DAM	HA. (HA.)	152.6	4.20	19.50	1950
44	86023	1191	605-DA-2-1	SUSOBANA DAM	U-D	-24.0	3.67	19.50	1950
45	86023	1192	605-DA-2-1	SUSOBANA DAM	HB. (HB.)	47.4	4.11	19.50	1950

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。

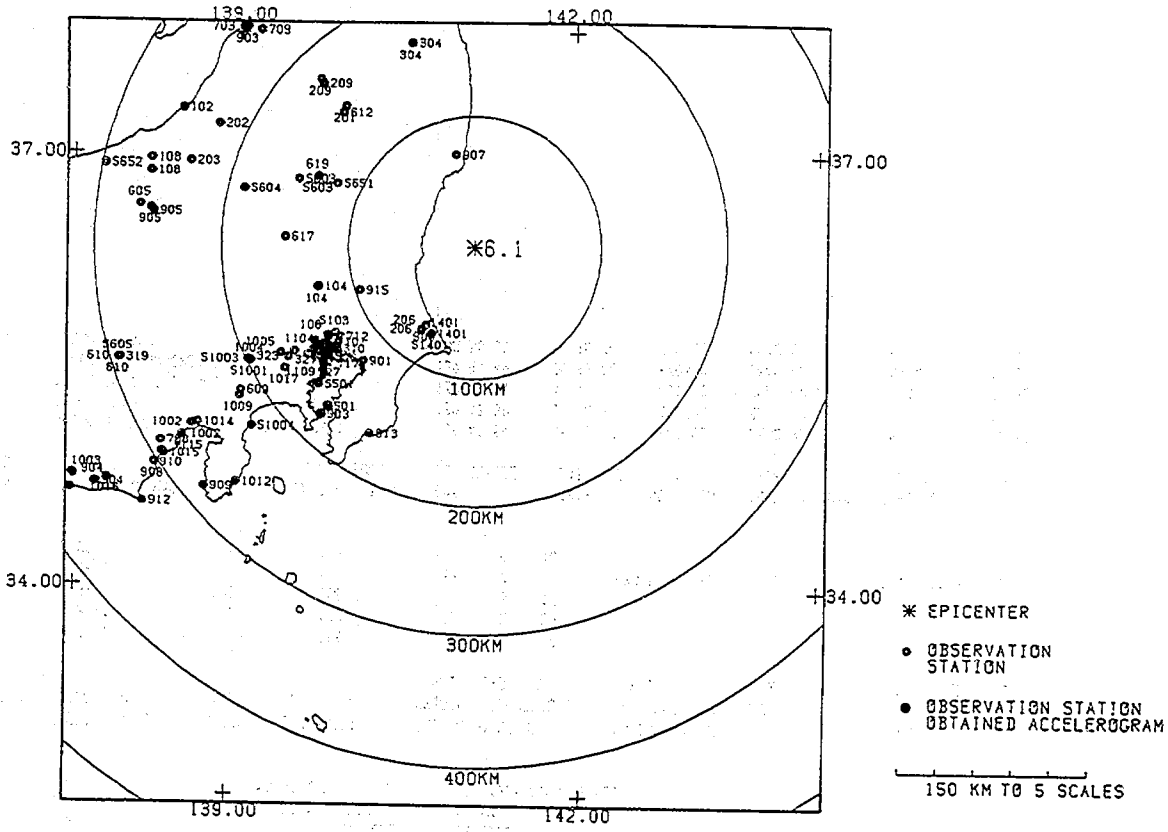
また表中には，気象庁観測所の東経，北緯を示すとともに観測所までの震央距離を示している。

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86001
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.02.12 11:59 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	141 5.0'
	NORTH LATITUDE	36 25.0'
	FOCAL DEPTH	44 KM
	MAGNITUDE	6.1 (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	53	133	7	5	7						
106	PI-1	58	133	13	2	25						
501	GR-1	126	168	16	3	13						
503	GR-1	58	176	38	7	8	-73.5	-11.6	19.2	1148	1149	1150
607	DA-2	15	196	10	0	10						

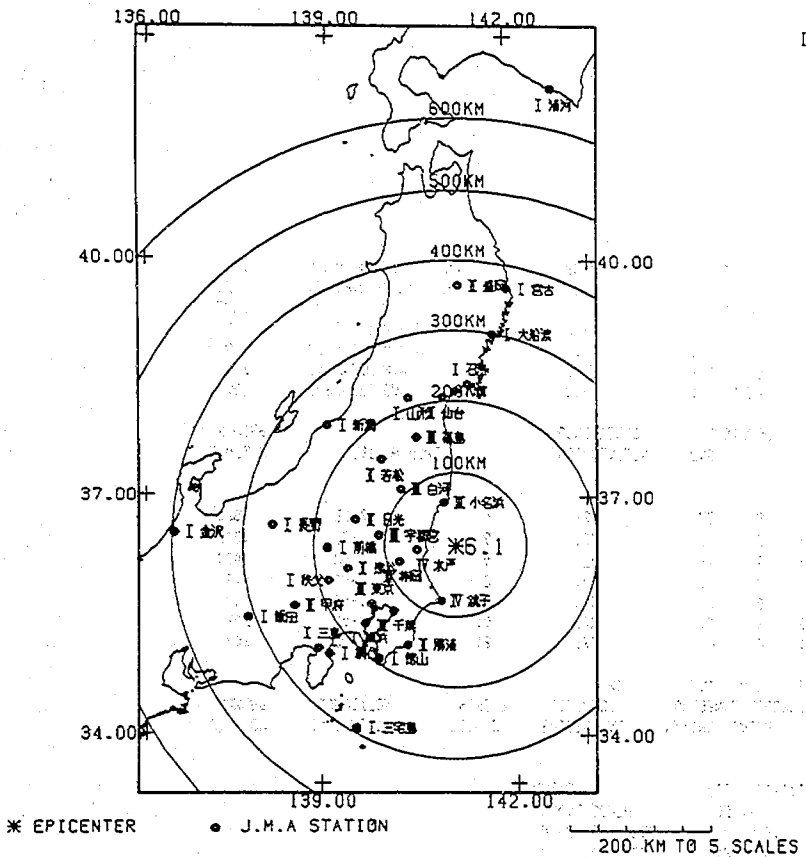
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
106	SOUKA BRIDGE	GR-1	139 47 59	35 48 23	680306	SMAC-B2	N55E	310233
106	SOUKA BRIDGE	PI-1	139 47 59	35 48 23	680306	SMAC-B2	N55E	310234
501	TOKYO BAY(FUTTU 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
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	1986.02.12 11:59(JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	141° 5'0"
NORTH LATITUDE	36° 25'0"
FOCAL DEPTH	44KM
MAGNITUDE	6.1(J.M.A. MAGNITUDE)

Figure 4—1—1 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86001



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.02.12 11:59(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF IBARAKI PREF
HYPOCENTER
EAST LONGITUDE 141° 5'0"
NORTH LATITUDE 36° 25'0"
FOCAL DEPTH 44KM
MAGNITUDE 6.1(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
IV	MITO	140 28.3	36 22.7	54.9
	CHOSHI	140 50.6	35 43.5	79.8
II	ONAHAMA	140 54.4	36 56.7	80.8
	KAKIOKA	140 11.6	36 19.9	82.3
	SHIRAKAWA	140 13.5	37 7.1	108.2
	UTSUNOMIYA	139 52.3	36 32.8	109.3
	CHIBA	140 6.0	35 36.0	126.7
	TOKYO	139 45.5	35 41.2	144.1
	FUKUSHIMA	140 28.5	37 45.4	158.4
I	NIKKO	139 30.0	36 44.0	145.7
	KUMAGAYA	139 23.0	36 8.8	155.3
	KATSUURA	140 19.0	35 9.0	156.9
	WAKAMATSU	139 55.0	37 29.0	157.5
	SENDAI	140 54.0	38 15.6	205.5
	KOFU	138 33.4	35 39.9	242.0
	MORIOKA	141 10.6	39 41.7	364.4
I	YOKOHAMA	139 39.4	35 26.2	168.4
	MAEBASHI	139 3.9	36 24.1	180.6
	CHICHIBU	139 4.9	35 59.5	185.7
	TATEYAMA	139 52.1	34 59.0	193.4
	YAMAGATA	140 20.9	38 15.2	214.2
	ISHINOMAKI	141 18.2	38 25.5	224.1
	AJIRO	139 5.8	35 2.6	235.5
	MISHIMA	138 55.8	35 6.7	242.4
	NIIGATA	139 3.1	37 54.6	244.8
	NAGANO	138 11.7	36 39.6	259.4
	MIYAKEJIMA	139 31.0	34 7.0	292.6
	OFUNATO	141 43.1	39 3.7	299.9
	IIDA	137 50.2	35 30.6	309.0
	MIYAKO	141 58.1	39 38.7	367.1
	KANAZAWA	136 38.9	36 32.8	396.6
	URAKAWA	142 46.9	42 9.5	654.7

TOTAL STATION NUMBER : 32
NO DISPLAY STATION NUMBER : 0

Figure 4—2—1 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86001

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

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	86002
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.03.02 16:09 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF MIYAGI PREF
HYPOCENTER	
EAST LONGITUDE	142 18.9'
NORTH LATITUDE	38 28.2'
FOCAL DEPTH	33 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.
607	DA-1	18	132	0	0	10						
607	DA-2	16	132	15	8	35						
614	DA-1	2	145	0	0	0						
614	DA-2	2	145	10	10	10						
S601	DA-2	4	174	11	6	15						
S701	ES-1	6	132	25	8	14						
S701	ES-2	4	132	22	6	2						

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
614	URUSHIZAWA DAM	DA-1	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
614	URUSHIZAWA DAM	DA-2	140 38 44	38 34 16	800300	SMAC-Q	N00E	000000
S601	SHIJUSHIDA DAM	DA-2	141 09 07	39 44 58	811200	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000
S701	ABUKUMA ESTUARY DAM	ES-2	140 52 38	38 05 34	830331	SM-10		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86003
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.04.14 21:47 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SW IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	139 55.2'
	NORTH LATITUDE	36 5.4'
	FOCAL DEPTH	56 KM
	MAGNITUDE	4.2 (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.
106	GR-1	54	33	0	0	0						
106	PI-1	59	33	5	3	17						

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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86004
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.05.05 22:27 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 31.4'
	NORTH LATITUDE	36 55.2'
	FOCAL DEPTH	78 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.
S104	GR-1	8	142	10	4	6						
S104	GR-2	8	142	3	0	0						
S104	PI-1	2	142	3	1	2						
S104	PI-2	6	142	12	2	5						
S104	FU-1	8	142	3	2	3						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86005
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.05.09 01:07 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	FAR E OFF MIYAZAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	132 33.9'
	NORTH LATITUDE	32 44.2'
	FOCAL DEPTH	48 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.
308	PI-1	15	53	2	1	6						

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	86006
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.05.15 02:11 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	EASTERN FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	140 43.4'
	NORTH LATITUDE	37 31.9'
	FOCAL DEPTH	83 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.
S104	GR-1	9	60	8	6	7						
S104	GR-2	9	60	3	0	2						
S104	PI-1	3	60	4	1	2						
S104	PI-2	7	60	6	3	5						
S104	FU-1	9	60	3	1	5						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86007
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.05.24 17:08 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NE KUMAMOTO PREF
	HYPOCENTER	
	EAST LONGITUDE	131 9.8'
	NORTH LATITUDE	33 2.1'
	FOCAL DEPTH	6 KM
	MAGNITUDE	4.4 (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.
S608	DA-2	1	21	5	5	19						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S608	SHIMOUKE DAM	DA-2	130 59 13	33 09 23	820300	SM-10	S68E	101024

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86008
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.06.03 19:11 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NW OFF KINKI DISTRICT
	HYPOCENTER	
	EAST LONGITUDE	135 12.0'
	NORTH LATITUDE	35 54.3'
	FOCAL DEPTH	12 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.
305	GR-1	16	44	3	5	3						
305	PI-1	3	44	2	1	8						
604	DA-1	9	127	11	4	1						

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
305	MINATO BRIDGE	PI-1	134 49 48	35 38 19	651100	SMAC-B2	S55W	038541
604	AMAGASE DAM	DA-1	135 49 50	34 52 41	640200	SMAC-B2	S85E	037902

Table 4—9(1) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

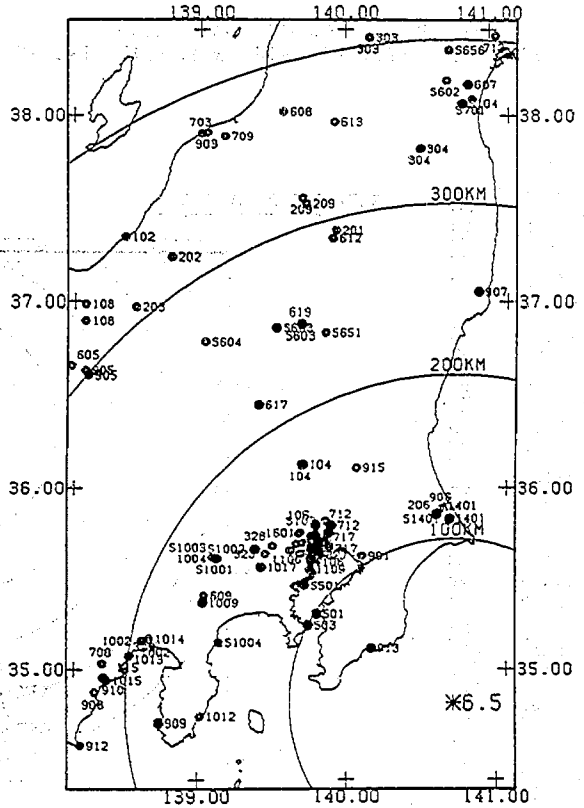
EARTHQUAKE NUMBER	86009
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.06.24 11:53 (JAPAN STANDARD TIME)
EPICENTRAL REGION	SE OFF BOSO PENINSULA
HYPOCENTER	
EAST LONGITUDE	140 43.2'
NORTH LATITUDE	34 49.4'
FOCAL DEPTH	73 KM
MAGNITUDE	6.5 (J.M.A.MAGNITUDE)

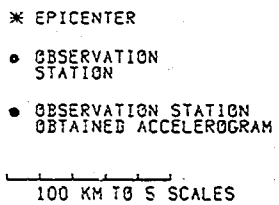
STATION NUMBER	INSTALLATION CONDITION	RECORD NUMBER	EPICENTRAL DISTANCE (KM)	MAXIMUM VALUE OF ORIGINAL RECORD(GAL)			MAXIMUM VALUE OF ARRANGED RECORD(GAL)			INDEX NUMBER		
				HA.	U-D	HB.	HA.	U-D	HB.	HA.	U-D	HB.
101	GR-1	67	128	6	1	9						
101	PI-1	31	129	8	1	4						
104	GR-1	53	172	13	3	13						
104	PI-1	36	172	14	3	10						
106	GR-1	55	137	25	13	22						
106	PI-1	60	137	34	4	22						
206	GR-1	46	115	30	8	20	26.1	7.4	-24.8	1151	1152	1153
206	PI-1	16	116	78	8	50						
501	GR-1	127	99	53	19	34	-95.1	25.5	-62.8	1154	1155	1156
503	GR-1	59	100	59	14	38	135.2	****	-53.9	1157	****	1158
607	DA-1	19	372	5	3	5						
607	DA-2	17	372	15	8	15						
617	DA-1	22	217	0	0	0						
712	GR-1	8	131	20	5	30	33.0	15.3	-38.6	1159	1160	1161
902	GR-1	61	132	16	8	16						
902	PI-1	62	133	19	6	19						
902	PI-2	40	133	19	6	25						
907	GR-1	142	248	8	4	7						
909	GR-1	3	180	10	15	15						
909	PI-1	3	180	10	10	10						
910	GR-1	5	214	0	0	0						
910	PI-1	7	214	0	0	0						
913	GR-1	5	60	35	20	20	33.8	-19.2	32.9	1162	1163	1164
913	GR-2	6	60	75	30	50	-88.3	25.7	-58.0	1165	1166	1167
913	PI-1	18	60	90	20	65						
914	US-1	8	128	10	10	10						
914	US-2	5	128	10	10	10						
1009	GR-1	11	164	20	0	10						
1009	PI-1	14	164	40	10	60						
1017	GR-1	8	143	30	20	40	37.7	-17.8	-33.7	1168	1169	1170
S104	GR-1	10	360	15	10	12						
S104	GR-2	10	360	8	3	3						
S104	PI-1	4	360	8	3	6						
S104	PI-2	8	360	12	3	6						
S104	FU-1	10	360	10	3	6						
S603	DA-1	5	252	15	8	9						
S1001	PI-1	1	169	8	6	5						
S1002	GR-1	1	153	19	7	13						

Table 4—9 (2) ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

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.
S1002	PI-1	1	153	40	6	33						
S1401	GR-1	1	111	24	10	32	-26.2	11.5	33.3	1171	1172	1173
S1401	ES-1	1	112	32	11	22						

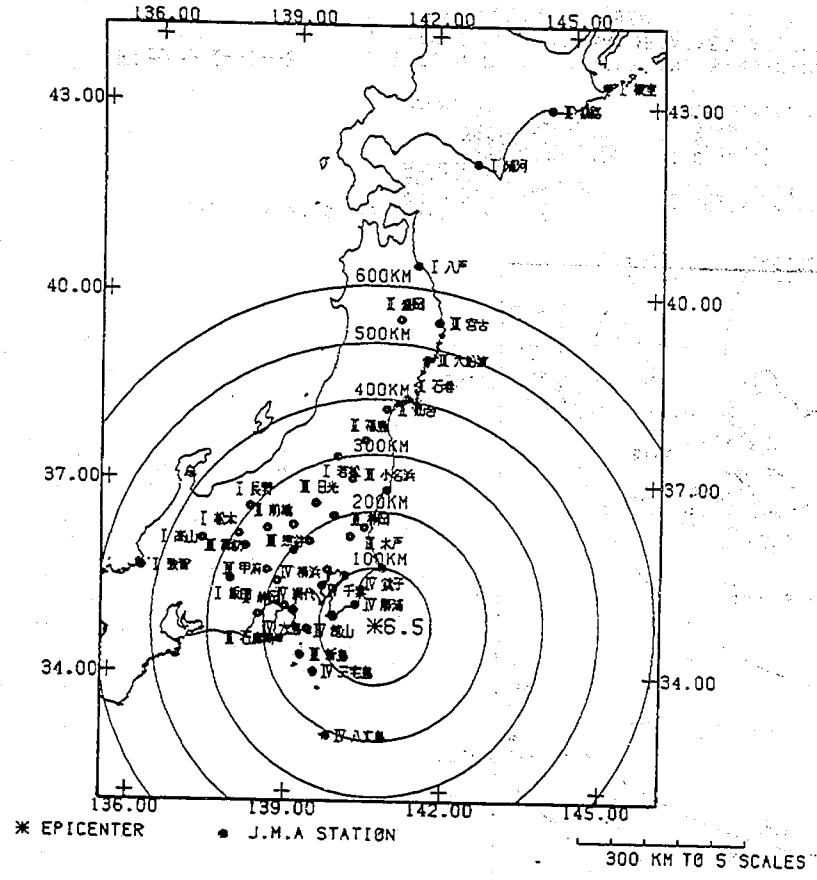
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
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
206	OMIGAWA BRIDGE	PI-1	140 37 01	35 51 50	730300	SMAC-E2	N50W	030083
501	TOKYO E [illegible]UTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
503	TOKYO BA. [illegible]NZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
607	TARUMIZU D.	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
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
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
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
910	SURUGA BRIDGE	GR-1	138 22 34	34 57 23	780400	SMAC-Q	S45W	000000
910	SURUGA BRIDGE	PI-1	138 22 25	34 57 12	780400	SMAC-Q	S50W	000000
913	AMATSU BRIDGE	GR-1	140 10 20	35 07 28	791100	SMAC-Q	N75E	000000
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
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
1009	TOMEI-H.SAKAWAGAWA*8	GR-1	139 02 20	35 22 01	690300	SMAC-D		061119
1009	TOMEI-H.SAKAWAGAWA*8	PI-1	139 02 20	35 22 01	690300	SMAC-D		061118
1017	J.H.P.C. LAB.	GR-1	139 25 43	35 34 17	830200	SMAC-Q	N90W	000000
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S1001	SINSAKAIGAWA BRIDGE	PI-1	139 07 44	35 37 10	850300	SM-10A		000000
S1002	UBAKUBO BRIDGE	GR-1	139 23 23	35 40 30	850300	SM-10A		000000
S1002	UBAKUBO BRIDGE	PI-1	139 23 23	35 40 30	850300	SM-10A		000000
S1401	TONEGAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	000000	SM-10A		000000
S1401	TONEGAWA ESTUARY DAM	ES-1	140 42 25	35 50 06	000000	SM-10A		000000





ITEMS OF EARTHQUAKE		
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.06.24 11:53(JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF BOSO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	140°43'2"
	NORTH LATITUDE	34°49'4"
	FOCAL DEPTH	73KM
	MAGNITUDE	6.5(J.M.A. MAGNITUDE)

Figure 4—1—9 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86009



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.06.24 11:53(JAPAN STANDARD TIME)
EPICENTRAL REGION SE OFF BOSO PENINSULA
HYPOCENTER
EAST LONGITUDE 140° 43.2'
NORTH LATITUDE 34° 49.4'
FOCAL DEPTH 73KM
MAGNITUDE 6.5(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME		EAST LONGITUDE		NORTH LATITUDE		EPICENTRAL DISTANCE (KM)
IV	勝浦	KATSUURA	140	19.0	35	9.0	51.7
	館山	TATEYAMA	139	52.1	34	59.0	79.7
	銚子	CHOSHI	140	50.6	35	43.5	100.8
	千葉	CHIBA	140	6.0	35	36.0	103.1
	横浜	YOKOHAMA	139	39.4	35	26.2	118.3
	大島	OSHIMA	139	22.6	34	45.8	122.8
	東京	TOKYO	139	45.5	35	41.2	129.7
	三宅島	MIYAKEJIMA	139	31.0	34	7.0	135.4
	網代	AJIRO	139	5.8	35	2.6	150.0
	八丈島	HACHIJOJIMA	139	47.3	33	6.1	209.8
II	新島	NIIJIMA	139	15.0	34	22.0	143.8
	柿岡	KAKIOKA	140	11.6	36	13.9	163.6
	三島	MISHIMA	138	55.8	35	6.7	166.2
	水戸	MITO	140	28.3	36	22.7	174.3
	熊谷	KUMAGAYA	139	23.0	36	8.8	190.5
	河口湖	KAWAGUCHIKO	138	45.8	35	29.9	193.0
	秩父	CHICHIBU	139	4.9	35	59.5	197.2
	宇都宮	UTSUNOMIYA	139	52.3	36	32.8	206.3
	甲府	KOFU	138	33.4	35	39.9	217.6
	小名浜	ONAHAMA	140	54.4	36	56.7	236.4
	日光	NIKKO	139	30.0	36	44.0	239.1
	白河	SHIRAKAWA	140	13.5	37	7.1	258.9
	諏訪	SUWA	138	7.0	36	3.0	272.4
	大船渡	OFUNATO	141	43.1	39	3.7	479.4
	宮古	MIYAKO	141	58.1	39	38.7	547.2
I	石廊崎	IROZAKI	138	50.8	34	36.0	173.0
	静岡	SHIZUOKA	138	24.4	34	58.4	211.6
	前橋	MAEBASHI	139	3.9	36	24.1	230.5
	軽井沢	KARUIZAWA	138	33.0	36	20.3	258.5
	福島	FUKUSHIMA	140	28.5	37	45.4	326.8
	仙台	SENDAI	140	54.0	38	15.6	382.3
	石巻	ISHINOMAKI	141	18.2	38	25.5	403.7
	盛岡	MORIOKA	141	10.6	39	41.7	543.0
	釧路	KUSHIRO	144	23.5	42	58.5	959.9
I	飯田	IIDA	137	50.2	35	30.6	272.9
	松本	MATSUMOTO	137	58.4	36	14.6	294.4
	若松	WAKAMATSU	139	55.0	37	29.0	304.3
	長野	NAGANO	138	11.7	36	39.6	305.9
	高山	TAKAYAMA	137	15.3	36	9.1	346.6
	敦賀	TSURUGA	136	3.9	35	39.0	432.5

TOTAL STATION NUMBER : 43
NO DISPLAY STATION NUMBER : 3

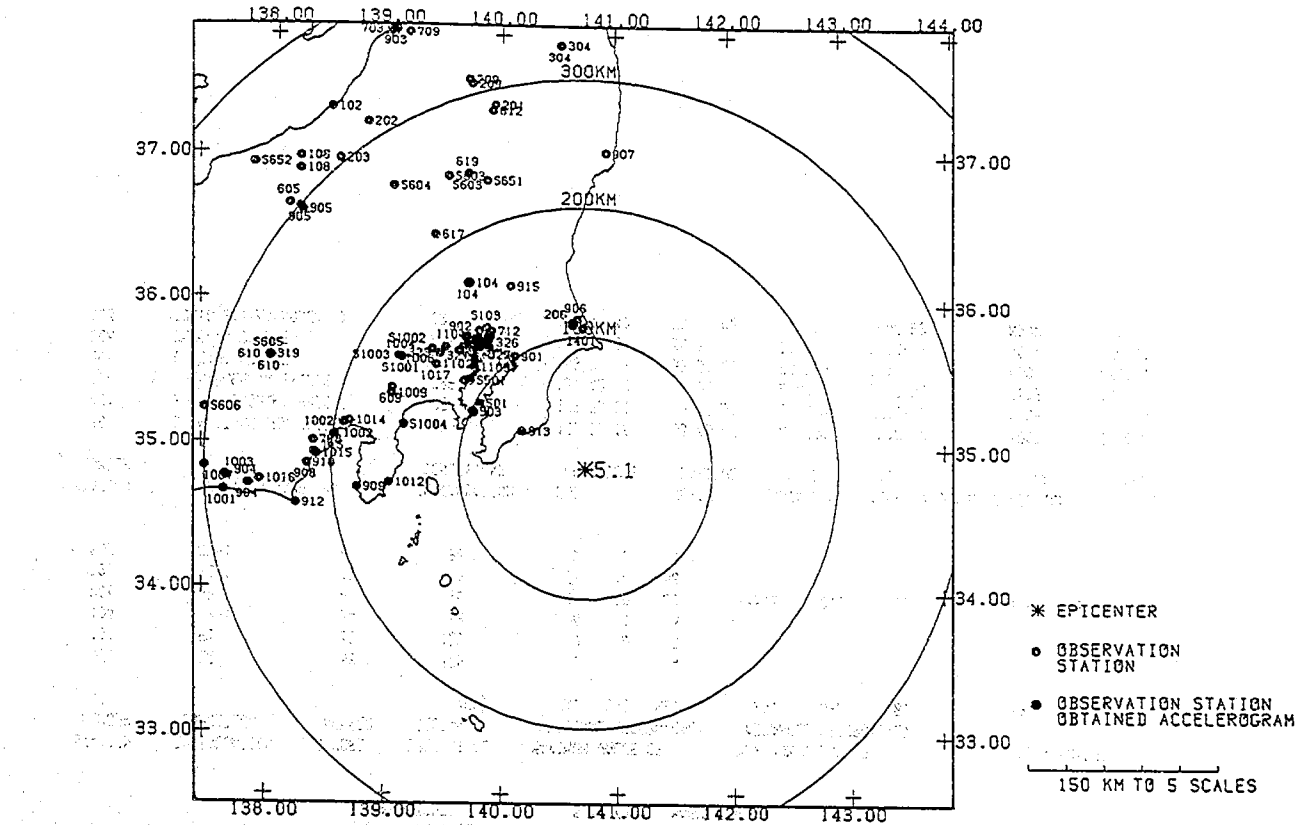
Figure 4—2—9 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86009

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86010
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.06.25 03:45 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	SE OFF BOSO PENINSULA
	HYPOCENTER	
	EAST LONGITUDE	140 43.6'
	NORTH LATITUDE	34 52.2'
	FOCAL DEPTH	70 KM
	MAGNITUDE	5.1 (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	68	125	3	1	4						
101	PI-1	32	125	0	0	0						
104	GR-1	54	168	6	1	3						
206	GR-1	47	110	33	10	33	-35.3	10.1	-31.9	1174	1175	1176
206	PI-1	17	110	38	10	38						
503	GR-1	60	98	5	2	5						

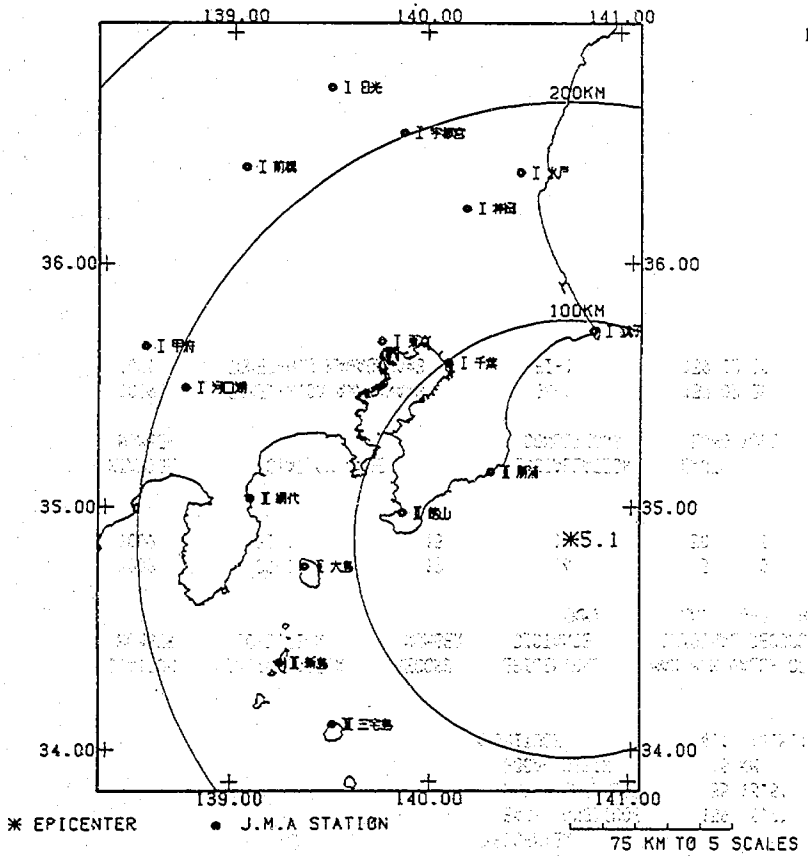
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
101	SHINKATSUSHIKA BRIDGE	PI-1	139 53 01	35 45 51	660330	SMAC-B2	N08E	070095
104	SHINTONEGAWA BRIDGE	GR-1	139 42 12	36 08 26	670220	SMAC-B2	S60E	140205
206	OMIGAWA BRIDGE	GR-1	140 37 01	35 51 25	730300	SMAC-E2	N50W	030084
206	OMIGAWA BRIDGE	PI-1	140 37 01	35 51 50	730300	SMAC-E2	N50W	030083
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.06.25 03:45(JAPAN STANDARD TIME)
EPICENTRAL REGION	SE OFF BOSO PENINSULA
HYPOCENTER	
EAST LONGITUDE	140° 43.6'
NORTH LATITUDE	34° 52.2'
FOCAL DEPTH	70KM
MAGNITUDE	5.1(J.M.A. MAGNITUDE)

Figure 4—1—10 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86010



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.06.25 03:45(JAPAN STANDARD TIME)
EPICENTRAL REGION SE OFF BOSO PENINSULA
HYPOCENTER
EAST LONGITUDE 140° 43.6'
NORTH LATITUDE 34° 52.2'
FOCAL DEPTH 70KM
MAGNITUDE 5.1(J.M.A. MAGNITUDE)

SEIMIC INTEN SITY		J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅱ	三宅島	MIYAKEJIMA	139 31.0	34 7.0	139.0
Ⅰ	勝浦	KATSUURA	140 19.0	35 9.0	48.6
	館山	TATEYAMA	139 52.1	34 59.0	79.3
	大島	OSHIMA	139 22.6	34 45.8	123.8
	新島	NIIJIMA	139 15.0	34 22.0	146.2
	網代	AJIRO	139 5.8	35 2.6	149.8
Ⅰ	銚子	CHOSHI	140 50.6	35 43.5	95.6
	千葉	CHIBA	140 6.0	35 36.0	99.1
	東京	TOKYO	139 45.5	35 41.2	126.3
	柿岡	KAKIOKA	140 11.6	36 13.9	158.8
	水戸	MITO	140 28.3	36 22.7	169.2
	河口湖	KAWAGUCHIKO	138 45.8	35 29.9	191.6
	宇都宮	UTSUNOMIYA	139 52.3	36 32.8	201.7
	甲府	KOFU	138 33.4	35 39.9	215.9
	前橋	MAEBASHI	139 3.9	36 24.1	227.0
	日光	NIKKO	139 30.0	36 44.0	234.8

TOTAL STATION NUMBER : 16
NO DISPLAY STATION NUMBER : 0

Figure 4—2—10 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86010

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86011
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.07.09 01:17 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	HAKONE REGION
	HYPOCENTER	
	EAST LONGITUDE	139 5.7'
	NORTH-LATITUDE	35 13.5'
	FOCAL DEPTH	15 KM
	MAGNITUDE	4.1 (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.
1009	GR-1	12	16	5	0	5						
1009	PI-1	15	16	30	5	50						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
1009	TOMEI-H.SAKAWAGAWA*B	GR-1	139 02 20	35 22.01	690300	SMAC-D		061119
1009	TOMEI-H.SAKAWAGAWA*B	PI-1	139 02 20	35 22.01	690300	SMAC-D		061118

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86012
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.07.10 11:10 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NORTHERN IBARAKI PREF
	HYPOCENTER	
	EAST LONGITUDE	140 35.9'
	NORTH LATITUDE	36 12.9'
	FOCAL DEPTH	81 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.
607	DA-2	18	218	5	5	10						
907	GR-1	143	97	9	6	9						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
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

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86013
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.07.20 08:46 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NEAR CHOSHI CITY
	HYPOCENTER	
	EAST LONGITUDE	140 59.3'
	NORTH LATITUDE	35 50.3'
	FOCAL DEPTH	36 KM
	MAGNITUDE	4.0 (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.
S1401	GR-1	2	25	13	9	29						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
S1401	TONEGAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	000000	SM-10A		000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86014
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.08.24 11:34 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	EASTERN NAGANO PREF
	HYPOCENTER	
	EAST LONGITUDE	138 19.6'
	NORTH LATITUDE	36 19.2'
	FOCAL DEPTH	4 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.
905	PI-1	430	33	25	4	13						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
905	OCHIAI BRIDGE	PI-1	138 14 36	36 37 04	651210	SMAC-B2	N08W	038583

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86015
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.08.27 09:26 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	BUNGO CHANNEL
	HYPOCENTER	
	EAST LONGITUDE	132 25.5'
	NORTH LATITUDE	33 17.5'
	FOCAL DEPTH	34 KM
	MAGNITUDE	3.7 (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.
308	PI-1	16	14	8	3	10						

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—16 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86016
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.10.14 06:17 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF FUKUSHIMA PREF
	HYPOCENTER	
	EAST LONGITUDE	141 13.3'
	NORTH LATITUDE	37 3.9'
	FOCAL DEPTH	53 KM
	MAGNITUDE	5.7 (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-2	19	127	15	10	25						
S104	GR-1	1	117	26	16	22						
S104	GR-2	1	117	14	6	10						
S104	PI-1	1	117	17	5	14						
S104	PI-2	1	117	17	7	19						
S104	FU-1	1	117	17	7	23						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-1	140 48 27	38 04 04	850200	SM-10A	N67W	550146
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86017
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.11.26 13:42 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	E OFF HACHIJOJIMA ISLAND
	HYPOCENTER	
	EAST LONGITUDE	140 18.5'
	NORTH LATITUDE	33 26.5'
	FOCAL DEPTH	54 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.
913	GR-1	6	187	0	0	0						
913	GR-2	7	187	0	0	0						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
913	AMATSU BRIDGE	GR-1	140 10 20	35 07 28	791100	SMAC-Q	N75E	000000
913	AMATSU BRIDGE	GR-2	140 10 20	35 07 28	791100	SMAC-Q	N30E	000000

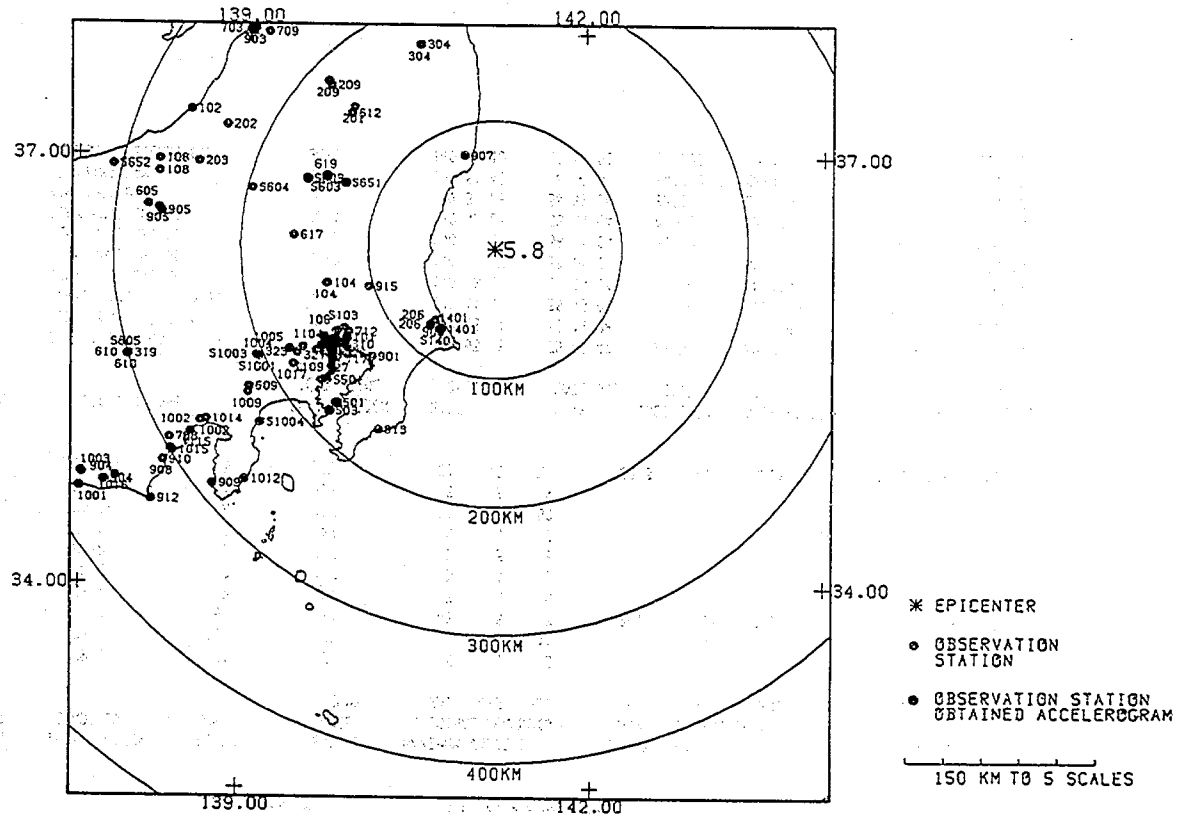
Table 4—18 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	86018
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.11.29 07:29 (JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	141 10.8'
NORTH LATITUDE	36 23.5'
FOCAL DEPTH	42 KM
MAGNITUDE	5.8 (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	71	135	3	1	3						
501	GR-1	128	172	14	6	11						
503	GR-1	60	181	45	5	23	74.1	7.5	38.4	1177	1178	1179
S104	GR-1	2	189	7	6	8						
S104	GR-2	2	189	5	4	5						
S104	PI-2	2	189	8	3	6						
S104	FU-1	2	189	5	4	7						
S603	DA-1	6	157	11	9	50						
S651	DA-2	1	128	8	6	9						
S1401	GR-1	3	75	23	12	31	22.3	9.5	32.1	1180	1181	1182

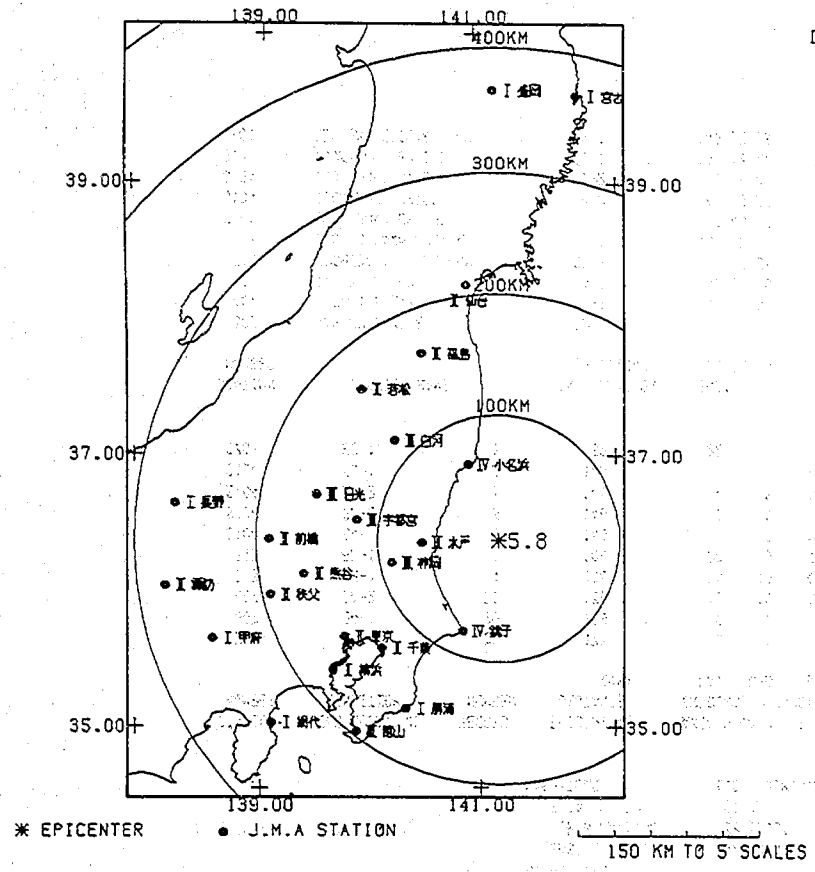
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
101	SHINKATSUSHIKA BRIDGE	GR-1	139 53 18	35 45 47	660330	SMAC-B2	N00E	070096
501	TOKYO BAY(FUTTU CAPE)	GR-1	139 48 21	35 18 28	651000	SMAC-B2	N00S	038558
503	TOKYO BAY(KANNONZAKI)	GR-1	139 44 49	35 15 02	670300	SMAC-B2	N90W	140207
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S603	KAWAMATA DAM	DA-1	139 31 28	36 52 30	820000	SM-10A		000000
S651	TERAYAMA DAM	DA-2	139 51 40	36 50 55	841000	SM-10A		000000
S1401	TONEGAWA ESTUARY DAM	GR-1	140 42 10	35 49 50	000000	SM-10A		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.11.29 07:29(JAPAN STANDARD TIME)
EPICENTRAL REGION	E OFF IBARAKI PREF
HYPOCENTER	
EAST LONGITUDE	141°10.8'
NORTH LATITUDE	36°23.5'
FOCAL DEPTH	42KM
MAGNITUDE	5.8(J.M.A. MAGNITUDE)

Figure 4—1—18 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86018



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.11.29 07:29(JAPAN STANDARD TIME)
EPICENTRAL REGION E OFF IBARAKI PREF
HYPOCENTER
EAST LONGITUDE 141° 10.8'
NORTH LATITUDE 36° 23.5'
FOCAL DEPTH 42KM
MAGNITUDE 5.8(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	ONAHAMA	140 54.4	36 56.7	66.2
	CHOSHI	140 50.6	35 43.5	80.1
Ⅲ	MITO	140 28.3	36 22.7	63.4
	KAKIOKA	140 11.6	36 13.9	90.2
	SHIRAKAWA	140 13.5	37 7.1	117.3
	UTSUNOMIYA	139 52.3	36 32.8	118.2
	NIKKO	139 30.0	36 44.0	154.7
	TATEYAMA	139 52.1	34 59.0	196.3
Ⅰ	CHIBA	140 6.0	35 36.0	131.1
	TOKYO	139 45.5	35 41.2	149.9
	KUMAGAYA	139 23.0	36 8.8	163.3
	FUKUSHIMA	140 28.5	37 45.4	164.1
	WAKAMATSU	139 55.0	37 29.0	165.3
	YOKOHAMA	139 39.4	35 26.2	173.4
	MAEBASHI	139 3.9	36 24.1	189.3
	CHICHIBU	139 4.9	35 59.5	193.4
	SENDAI	140 54.0	38 15.6	209.1
	SUWA	138 7.0	36 3.0	277.3
Ⅰ	KATSUURA	140 19.0	35 9.0	158.5
	AJIRO	139 5.8	35 2.6	240.5
	KOFU	138 33.4	35 39.9	249.3
	NAGANO	138 11.7	36 39.6	268.3
	MORIOKA	141 10.6	39 41.7	367.2
	MIYAKO	141 58.1	39 38.7	358.1

TOTAL STATION NUMBER : 24
NO DISPLAY STATION NUMBER : 0

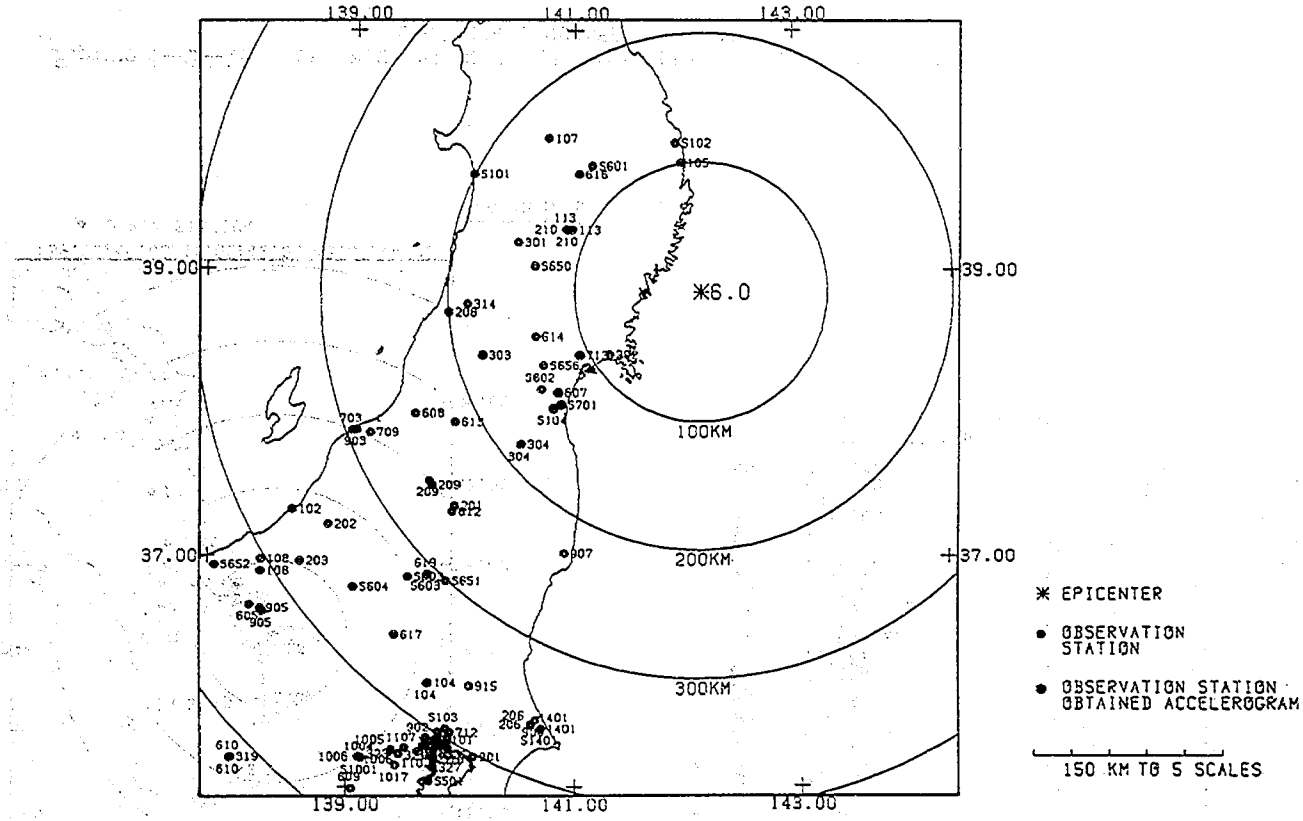
Figure 4—2—18 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86018

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86019
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.12.01 05:15 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	KINKAZAN REGION
	HYPOCENTER	
	EAST LONGITUDE	142 8.4'
	NORTH LATITUDE	38 52.3'
	FOCAL DEPTH	51 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.
303	GR-1	29	177	3	1	3						
607	DA-1	20	136	0	0	0						
607	DA-2	20	136	13	10	30						
713	GR-1	1	106	30	10	40	25.4	-15.4	-40.6	1183	1184	1185
713	BK-1	1	106	20	15	30						
S104	GR-1	3	146	15	12	19						
S104	GR-2	3	146	9	5	6						
S104	PI-2	3	146	14	5	14						
S104	FU-1	3	146	9	6	16						
S701	ES-1	1	139	22	7	14						

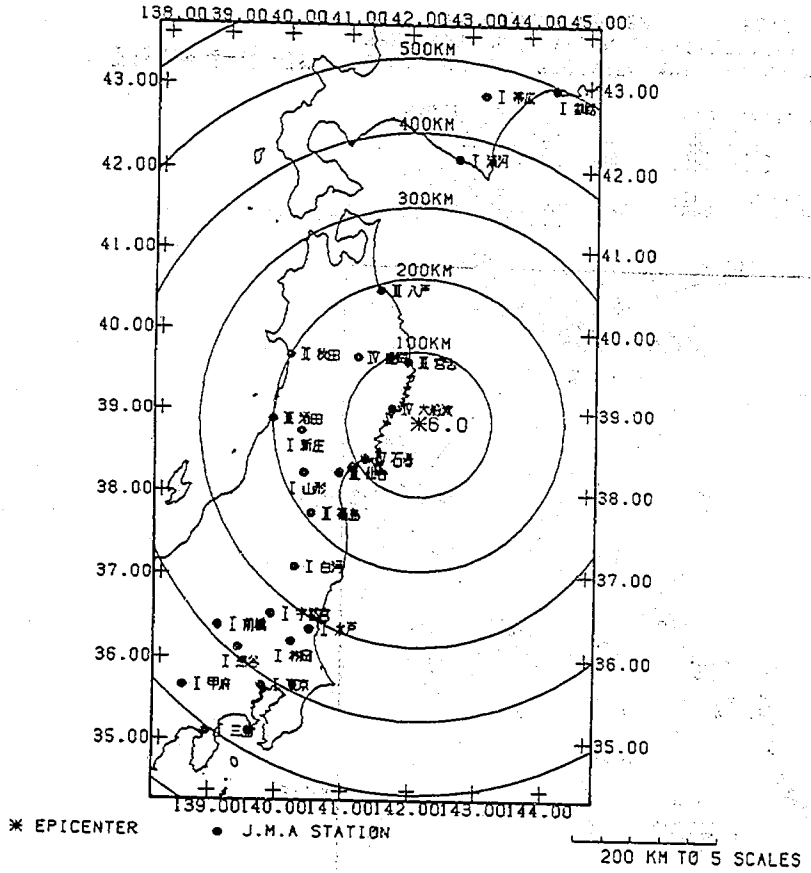
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
303	KAHOKU BRIDGE	GR-1	140 09 58	38 26 17	650300	SMAC-B2	S80W	038530
607	TARUMIZU DAM	DA-1	140 50 55	38 10 30	751200	SMAC-E2	N35W	000000
607	TARUMIZU DAM	DA-2	140 50 55	38 10 30	751200	SMAC-E2	N35W	030189
713	YOSHIDAGAWA EMBANKMENT	GR-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
713	YOSHIDAGAWA EMBANKMENT	BK-1	141 02 33	38 26 26	810400	SMAC-Q	N90W	000000
S104	TSUKINOKI BRIDGE	GR-1	140 48 27	38 04 04	850200	SM-10A	N67W	550149
S104	TSUKINOKI BRIDGE	GR-2	140 48 27	38 04 04	850200	SM-10A	N67W	550144
S104	TSUKINOKI BRIDGE	PI-2	140 48 27	38 04 04	850200	SM-10A	N67W	550148
S104	TSUKINOKI BRIDGE	FU-1	140 48 27	38 04 04	850200	SM-10A	N67W	550145
S701	ABUKUMA ESTUARY DAM	ES-1	140 52 38	38 05 34	830331	SM-10		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.12.01 05:15(JAPAN STANDARD TIME)
EPICENTRAL REGION	KINKAZAN REGION
HYPOCENTER	
EAST LONGITUDE	142° 8'4"
NORTH LATITUDE	38° 52'3"
FOCAL DEPTH	51KM
MAGNITUDE	6.0(J.M.A. MAGNITUDE)

Figure 4—1—19 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86019



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.12.01 05:15(JAPAN STANDARD TIME)
EPICENTRAL REGION KINKAZAN REGION
HYPOCENTER
EAST LONGITUDE 142° 8.4'
NORTH LATITUDE 38° 52.3'
FOCAL DEPTH 51KM
MAGNITUDE 6.0(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	42.1
	ISHINOMAKI	141 18.2	38 25.5	88.0
Ⅰ	MORIOKA	141 10.6	39 41.7	123.5
	MIYAKO	141 58.1	39 38.7	87.2
	SENDAI	140 54.0	38 15.6	127.5
	HACHINOHE	141 31.5	40 31.5	191.2
	SAKATA	139 50.8	38 54.4	198.5
Ⅰ	FUKUSHIMA	140 28.5	37 45.4	190.9
Ⅰ	AKITA	140 6.0	39 43.1	199.1
	SHINJO	140 18.0	38 45.0	160.0
	YAMAGATA	140 20.9	38 15.2	170.3
	SHIRAKAWA	140 13.5	37 7.1	257.2
	MITO	140 28.3	36 22.7	313.7
	UTSUNOMIYA	139 52.3	36 32.8	326.5
	KAKIOKA	140 11.6	36 13.9	339.9
	URAKAWA	142 46.9	42 9.5	369.3
	MAEBASHI	139 3.9	36 24.1	385.5
	KUMAGAYA	139 23.0	36 8.8	388.4
	TOKYO	139 45.5	35 41.2	412.0
	OBIHIRO	143 13.0	42 55.2	458.0
	KOFU	138 33.4	35 39.9	477.0
	KUSHIRO	144 23.5	42 58.5	493.7
	MISHIMA	138 55.8	35 6.7	505.8

TOTAL STATION NUMBER : 23
NO DISPLAY STATION NUMBER : 0

Figure 4—2—19 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86019

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86020
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.12.11 13:28 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	CENTRAL AICHI PREF
	HYPOCENTER	
	EAST LONGITUDE	136 47.5'
	NORTH LATITUDE	35 3.8'
	FOCAL DEPTH	15 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.
311	GR-1	18	62	3	2	4						
311	PI-1	16	62	5	1	4						
706	GR-1	2	4	30	20	90						
706	BK-1	3	4	30	25	65						

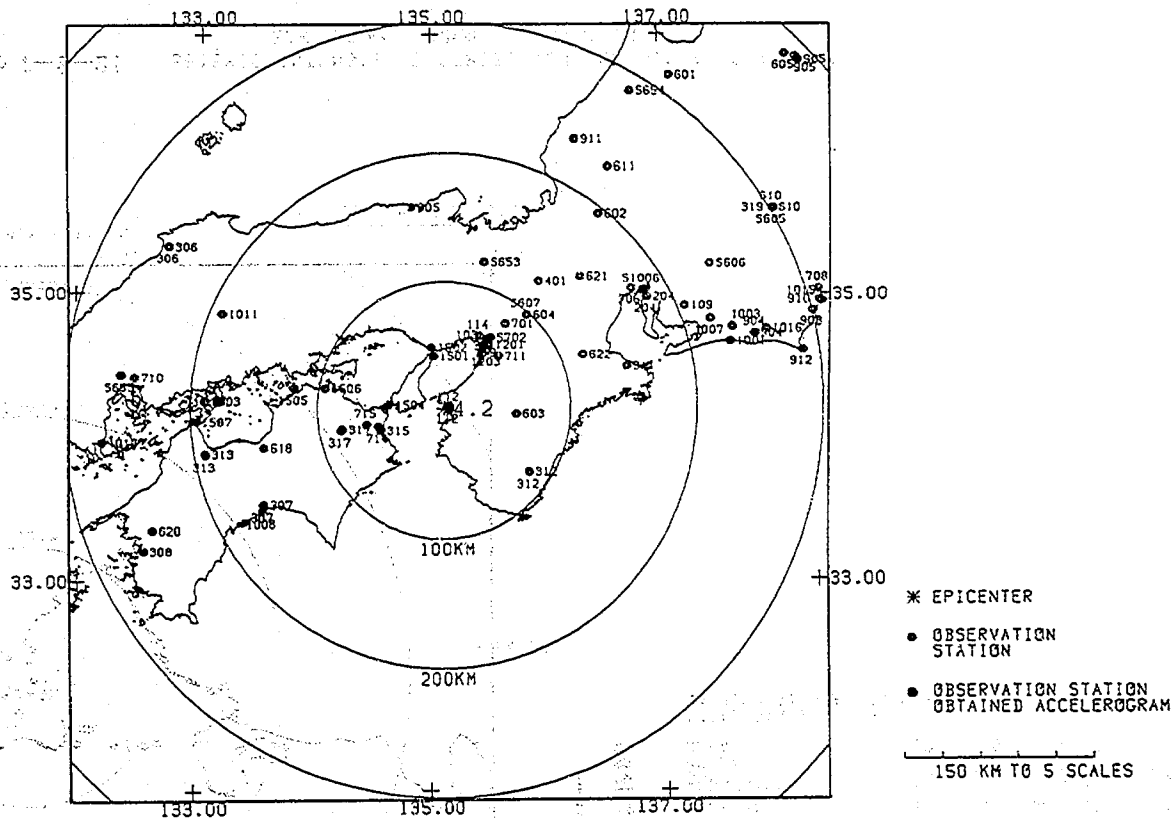
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
311	TOYOHAMA BRIDGE	GR-1	136 41 54	34 30 19	660900	SMAC-B2	S15E	070141
311	TOYOHAMA BRIDGE	PI-1	136 41 47	34 30 23	660900	SMAC-B2	S15E	070146
706	KISOGAWA ESTUARY EMB.	GR-1	136 44 15	35 03 45	780300	SMAC-Q	S75E	000000
706	KISOGAWA ESTUARY EMB.	BK-1	136 44 15	35 03 45	780300	SMAC-Q	S70E	000000

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

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86021
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.12.13 19:16 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NW WAKAYAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 7.3'
	NORTH LATITUDE	34 12.8'
	FOCAL DEPTH	12 KM
	MAGNITUDE	4.2 (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.
112	GR-1	43	4	28	11	39	-74.7	****	-86.8	1186	****	1187
112	PI-1	14	4	6	3	11						

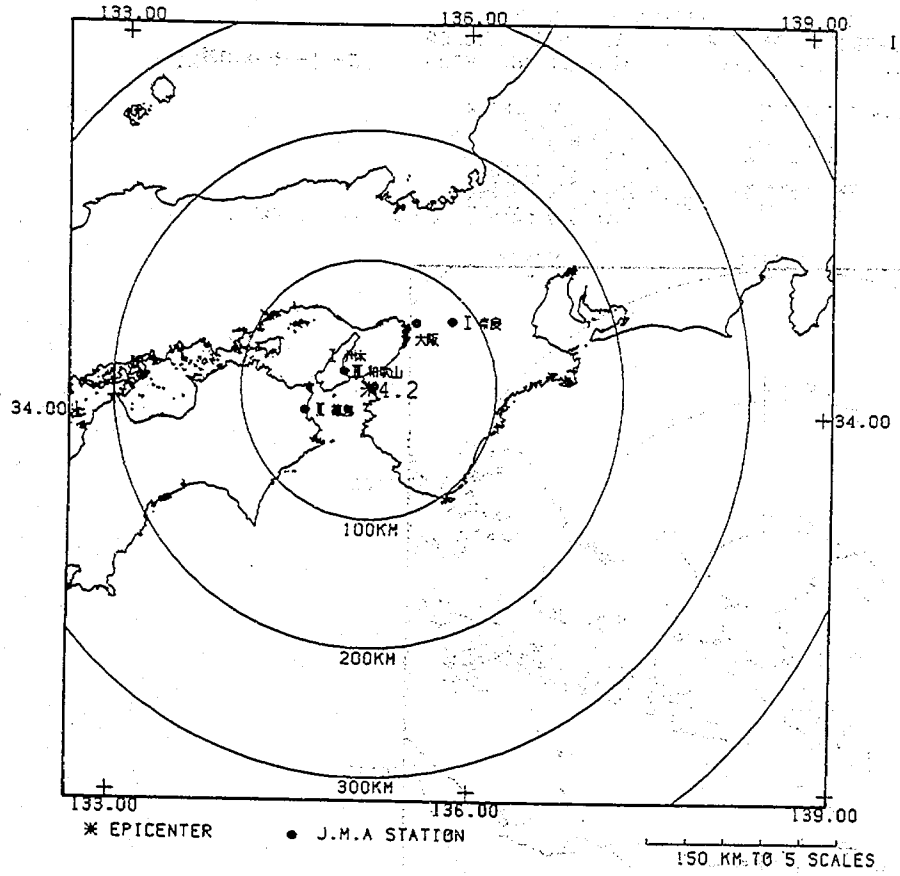
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
112	KINOKAWA BRIDGE	GR-1	135 09 59	34 12 55	670315	SMAC-B2	N30E	140209
112	KINOKAWA BRIDGE	PI-1	135 09 44	34 13 39	670315	SMAC-B2	N30E	140210



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.12.13 19:16(JAPAN STANDARD TIME)
EPICENTRAL REGION	NW WAKAYAMA PREF
HYPOCENTER	
EAST LONGITUDE	135° 7'3"
NORTH LATITUDE	34°12'8"
FOCAL DEPTH	12KM
MAGNITUDE	4.2(J.M.A. MAGNITUDE)

Figure 4—1—21 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86021



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.12.13 19:16(JAPAN STANDARD TIME)
EPICENTRAL REGION NW WAKAYAMA PREF
HYPOCENTER
EAST LONGITUDE 135° 7.3'
NORTH LATITUDE 34°12.8'
FOCAL DEPTH 12KM
MAGNITUDE 4.2(J.M.A. MAGNITUDE)

SEIMIC INTENSITY	J.M.A. STATION NAME	EAST LONGITUDE	NORTH LATITUDE	EPICENTRAL DISTANCE (KM)
II	WAKAYAMA	135 10.0	34 13.6	4.4
I	TOKUSHIMA	134 34.6	34 3.9	52.8
I	SUMOTO	134 54.5	34 20.1	23.8
	OSAKA	135 31.3	34 40.7	63.4
	NARA	135 49.9	34 41.5	84.0

TOTAL STATION NUMBER : 5
NO DISPLAY STATION NUMBER : 0

Figure 4—2—21 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86021

Table 4—22 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE	EARTHQUAKE NUMBER	86022
	EARTHQUAKE NAME	
	ORIGIN DATE AND TIME	1986.12.22 04:03 (JAPAN STANDARD TIME)
	EPICENTRAL REGION	NW WAKAYAMA PREF
	HYPOCENTER	
	EAST LONGITUDE	135 8.6'
	NORTH LATITUDE	34 9.3'
	FOCAL DEPTH	5 KM
	MAGNITUDE	2.9 (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.
306	PI-1	24	257	4	3	14						

STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
306	MYOUKEN BRIDGE	PI-1	132 43 37	35 20 49	670300	SMAC-B2	N15W	070147

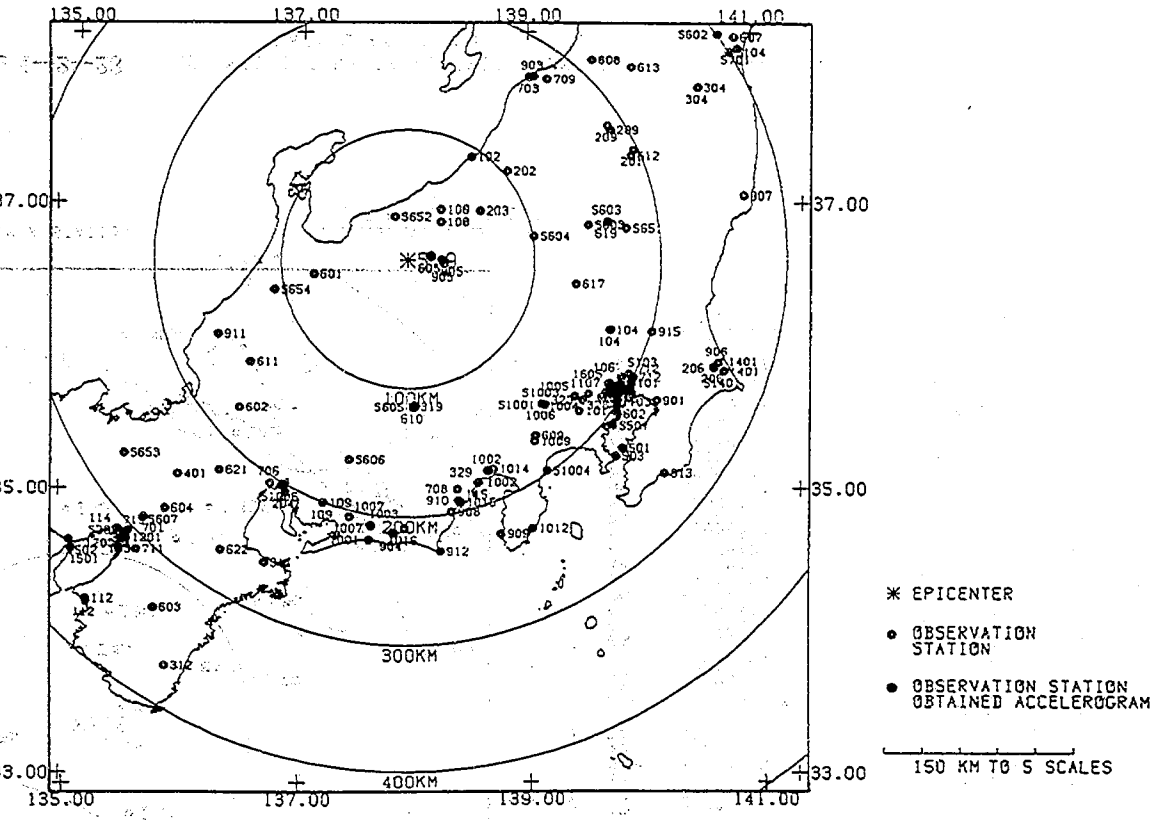
Table 4—23 ITEMS OF EARTHQUAKE AND STRONG-MOTION RECORDS DATA

ITEMS OF EARTHQUAKE

EARTHQUAKE NUMBER	86023
EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.12.30 09:38 (JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN NAGANO PREF
HYPOCENTER	
EAST LONGITUDE	137 55.5'
NORTH LATITUDE	36 38.2'
FOCAL DEPTH	3 KM
MAGNITUDE	5.9 (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.
319	GR-1	19	114	7	3	9						
319	PI-1	20	114	36	5	13						
605	DA-1	2	18	178	19	0	-281.6	-41.3	****	1188	1189	****
605	DA-2	1	18	155	25	45	152.6	-24.0	47.4	1190	1191	1192
S605	DA-1	1	114	17	9	50						

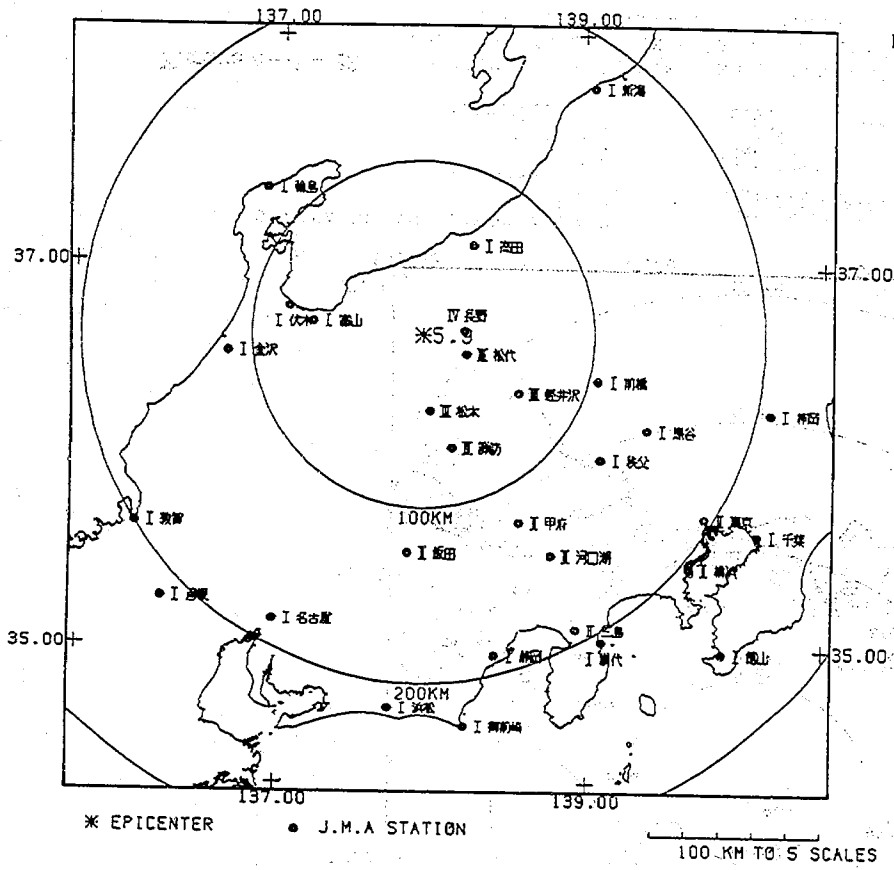
STATION NUMBER	STATION NAME	INSTALLATION CONDITIONS	EAST LONGITUDE	NORTH LATITUDE	INSTALLED DATE	ACCELEROGRAPH TYPE	DIRECTION OF HA	MACHINE NUMBER
319	SHITOKU BRIDGE	GR-1	137 59 21	35 36 31	661200	SMAC-B2	S30E	240129
319	SHITOKU BRIDGE	PI-1	137 59 24	35 36 30	661200	SMAC-B2	S30E	030040
605	SUSOBANA DAM	DA-1	138 07 36	36 39 51	691200	SMAC-B2	N80W	070122
605	SUSOBANA DAM	DA-2	138 07 36	36 39 51	691200	SMAC-Q	N75W	000000
S605	KOSHIBU DAM	DA-1	137 58 54	35 36 13	820709	SM-10A		000000



ITEMS OF EARTHQUAKE

EARTHQUAKE NAME	
ORIGIN DATE AND TIME	1986.12.30 09:38(JAPAN STANDARD TIME)
EPICENTRAL REGION	NORTHERN NAGANO PREF
HYPOCENTER	
EAST LONGITUDE	137°55'5"
NORTH LATITUDE	36°38'2"
FOCAL DEPTH	3KM
MAGNITUDE	5.9(J.M.A. MAGNITUDE)

Figure 4—1—23 LOCATION OF EPICENTER AND STRONG-MOTION OBSERVATION STATION OBTAINED ACCELEROGRAM
EARTHQUAKE NUMBER 86023



ITEMS OF EARTHQUAKE
EARTHQUAKE NAME
ORIGIN DATE AND TIME 1986.12.30 09:38(JAPAN STANDARD TIME)
EPICENTRAL REGION NORTHERN NAGANO PREF
HYPOCENTER
EAST LONGITUDE 137° 55'5"
NORTH LATITUDE 36° 38'2"
FOCAL DEPTH 3KM
MAGNITUDE 5.9(J.M.A. MAGNITUDE)

SEIMIC INTEN. SITY	J.M.A. STATION NAME	EAST LONGI TUDE	NORTH LATI TUDE	EPICENTRAL DISTANCE (KM)
Ⅳ	NAGANO	138 11.7	36 39.6	24.2
Ⅱ	MATSUSHIRO	138 12.5	36 32.3	27.5
	MATSUMOTO	137 58.4	36 14.6	44.0
	KARUIZAWA	138 33.0	36 20.3	65.0
	SUWA	138 7.0	36 3.0	67.5
Ⅰ	KOFU	138 33.4	35 39.9	122.0
	IIDA	137 50.2	35 30.6	125.5
	KAWAGUCHIKO	138 45.8	35 29.9	147.3
	MISHIMA	138 55.8	35 6.7	192.2
	TOKYO	139 45.5	35 41.2	195.5
	YOKOHAMA	139 39.4	35 26.2	205.0
Ⅰ	TAKADA	138 15.0	37 6.3	59.5
	TOYAMA	137 12.3	36 42.4	64.7
	FUSHIKI	137 3.0	36 47.0	79.7
	MAEBASHI	139 3.9	36 24.1	105.1
	KANAZAWA	136 38.9	36 32.8	114.4
	WAJIMA	136 53.9	37 23.4	123.8
	CHICHIBU	139 4.9	35 59.5	126.0
	KUMAGAYA	139 23.0	36 8.8	141.4
	NIIGATA	139 3.1	37 54.6	173.1
	NAGOYA	136 58.1	35 9.9	184.9
	SHIZUOKA	138 24.4	34 58.4	190.0
	TSURUGA	136 3.9	35 39.0	199.8
	AJIRO	139 5.8	35 2.6	206.2
	KAKIOKA	140 11.6	36 13.9	207.8
	HIKONE	136 14.8	35 16.4	214.0
	HAMAMATSU	137 43.4	34 42.4	215.3
	CHIBA	140 6.0	35 36.0	226.8
	OMAEZAKI	138 12.8	34 36.2	227.5
	TATEYAMA	139 52.1	34 59.0	253.9

TOTAL STATION NUMBER : 30
NO DISPLAY STATION NUMBER : 0

Figure 4—2—23 SEISMIC INTENSITY DISTRIBUTION OF J.M.A. STATIONS
EARTHQUAKE NUMBER 86023

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 5－16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。

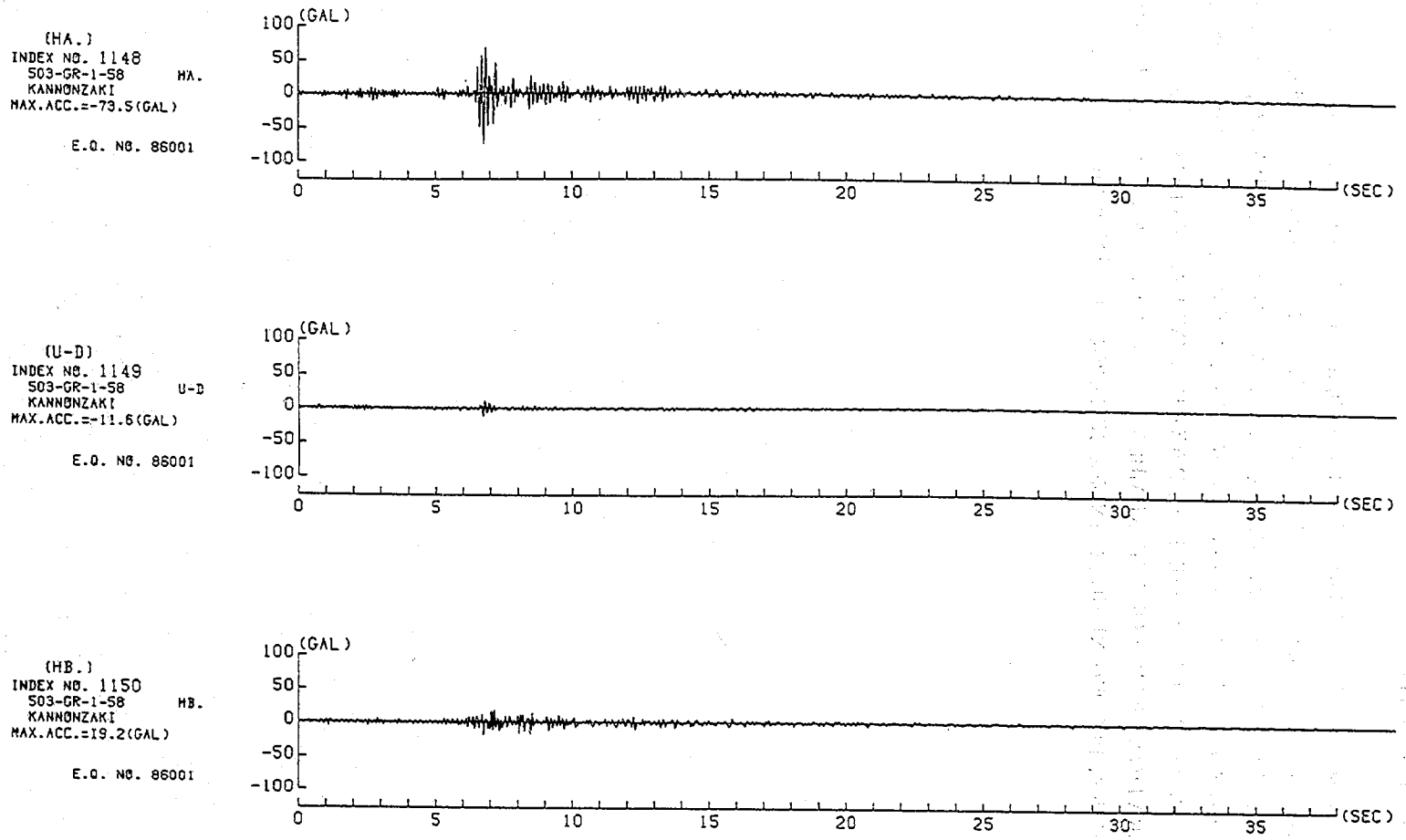


Figure 5—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86001
RECORD NUMBER 503-GR-1-58
INDEX NUMBER 1148 1149 1150

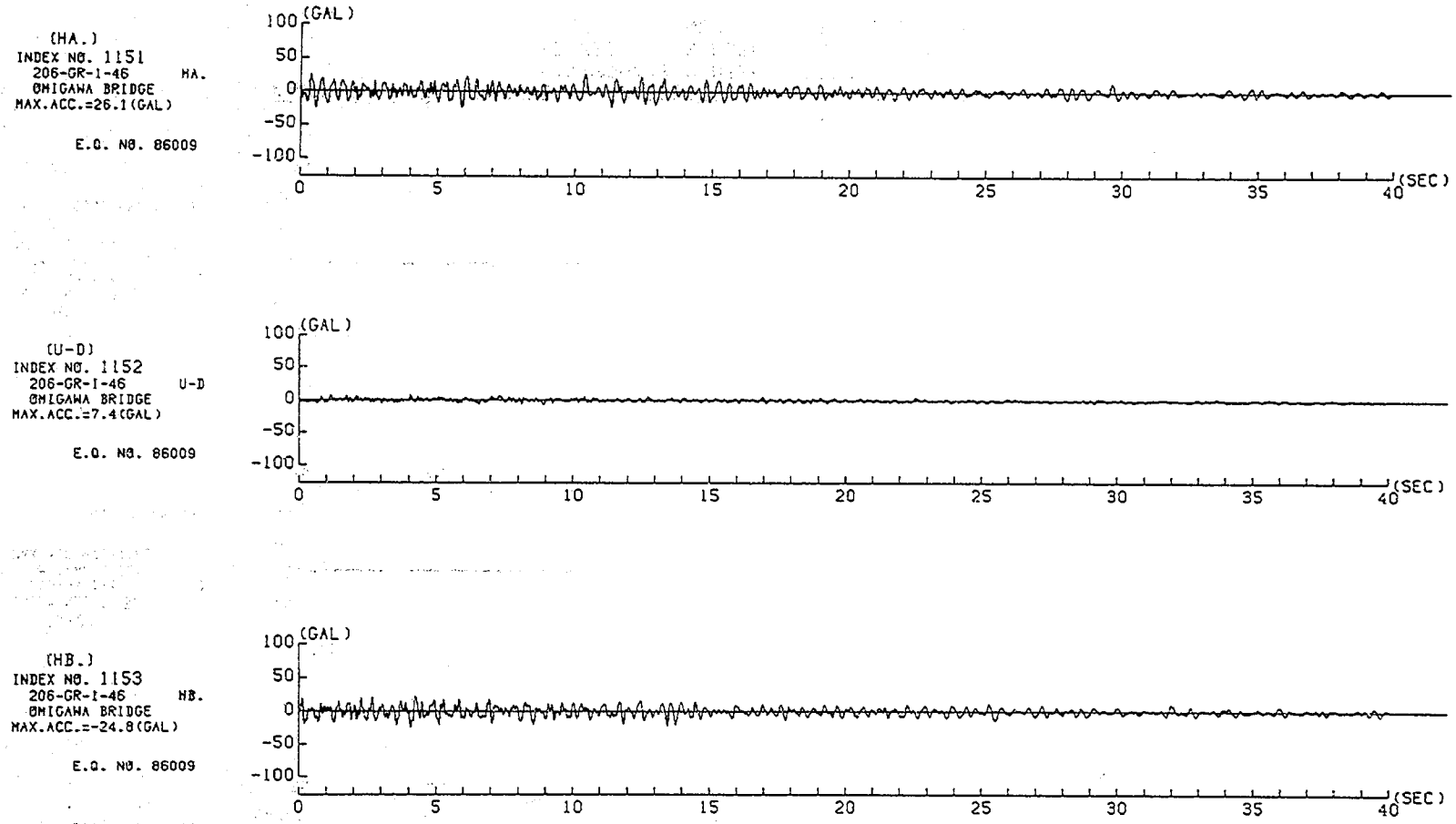
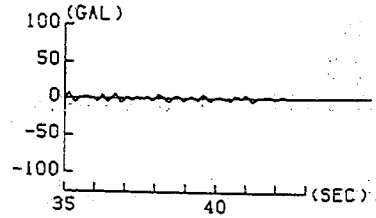


Figure 5—2—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 206-GR-1-46
INDEX NUMBER 1151 1152 1153

(2-1)

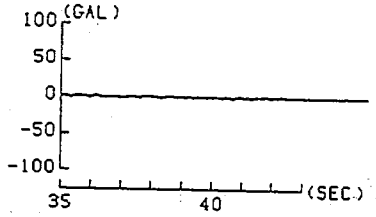
(HA.)
INDEX NO. 1151
206-GR-1-46 HA.
OMIGAWA BRIDGE
MAX.ACC.=26.1(GAL)

E.Q. NO. 86009



(U-D)
INDEX NO. 1152
206-GR-1-46 U-D
OMIGAWA BRIDGE
MAX.ACC.=7.4(GAL)

E.Q. NO. 86009



(HB.)
INDEX NO. 1153
206-GR-1-46 HB.
OMIGAWA BRIDGE
MAX.ACC.=-24.8(GAL)

E.Q. NO. 86009

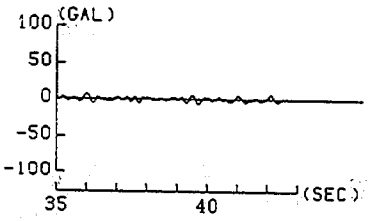


Figure 5—2—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 206-GR-1-46
INDEX NUMBER 1151 1152 1153

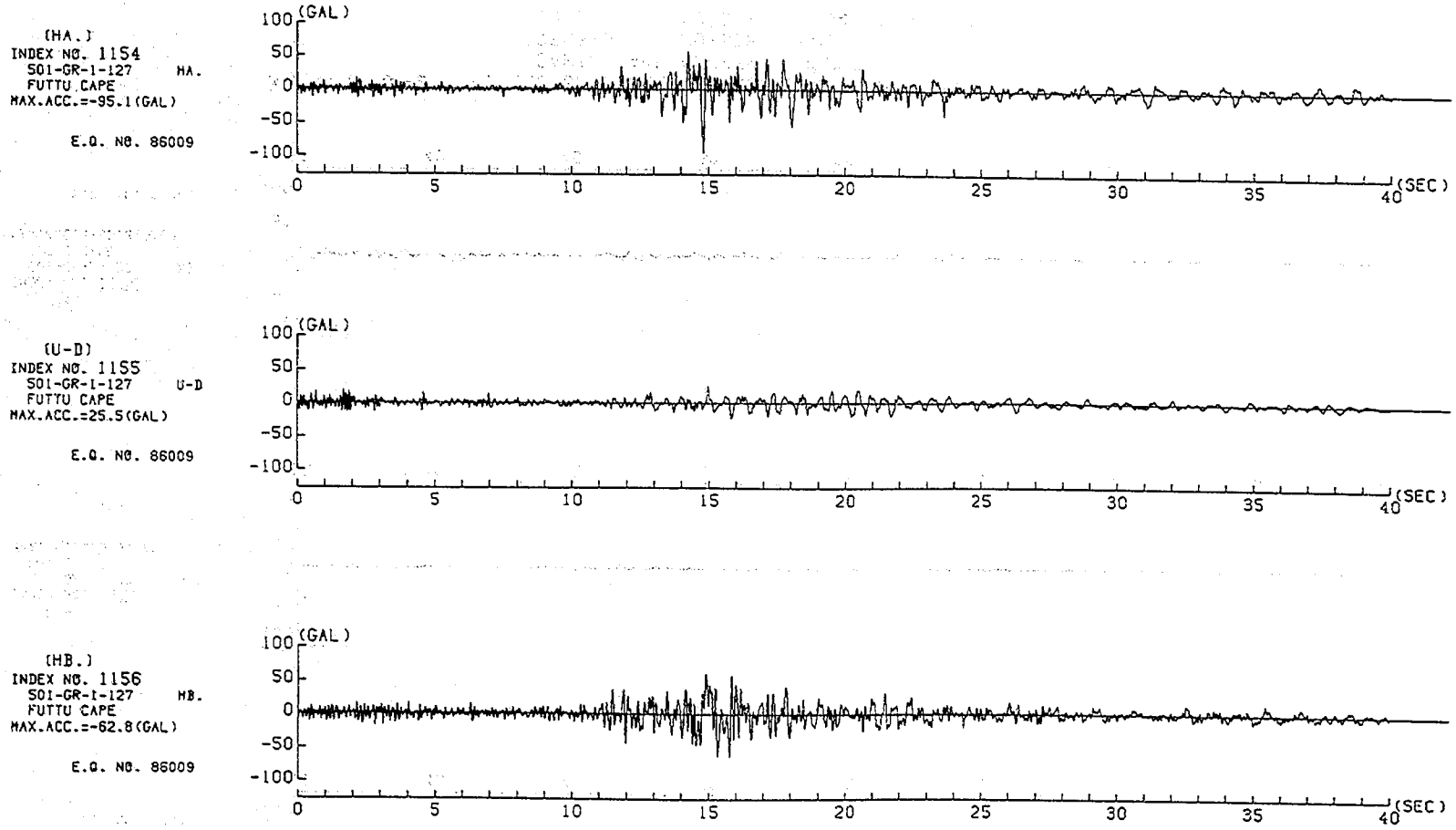


Figure 5—3—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER S01-GR-1-127
INDEX NUMBER 1154 1155 1156

(3-1)

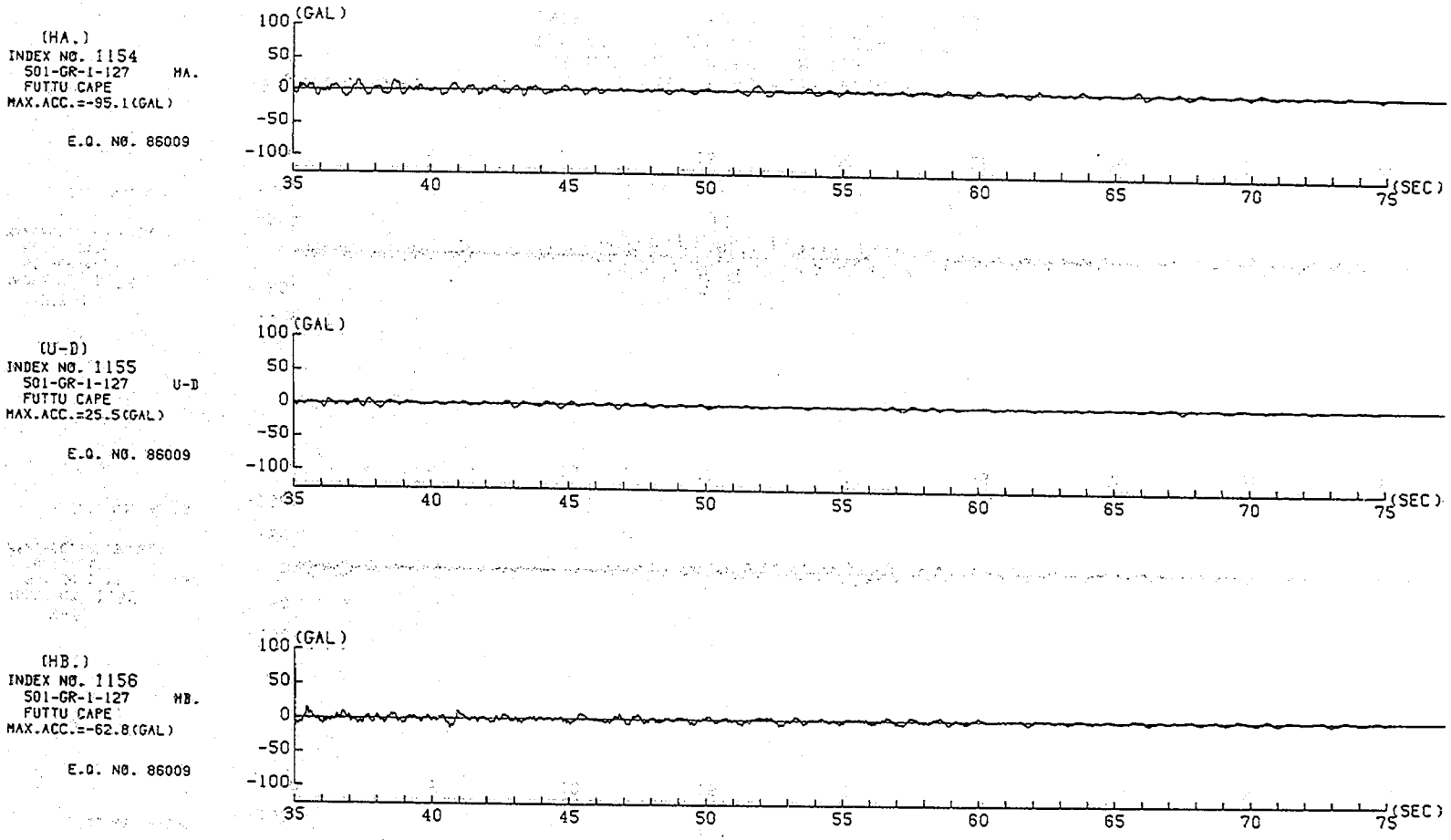


Figure 5—3—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER S01-GR-1-127
INDEX NUMBER 1154 1155 1156

(3-2)

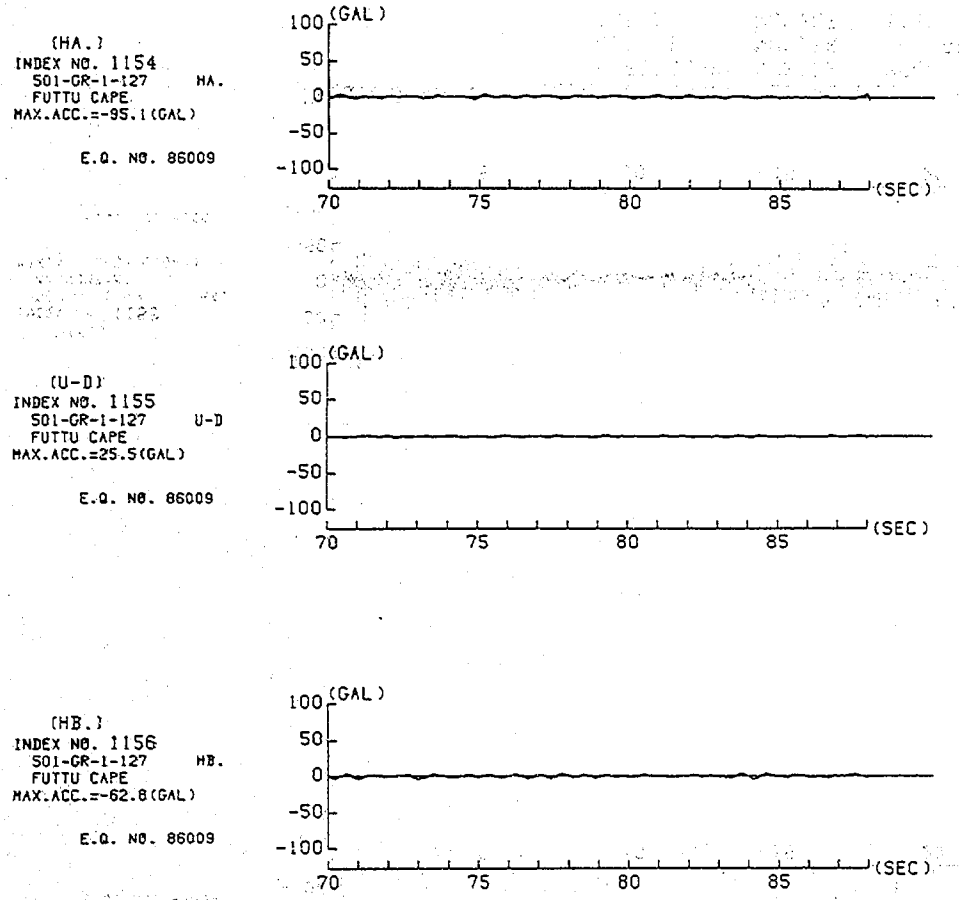


Figure 5—3—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 501-GR-1-127
INDEX NUMBER 1154 1155 1156

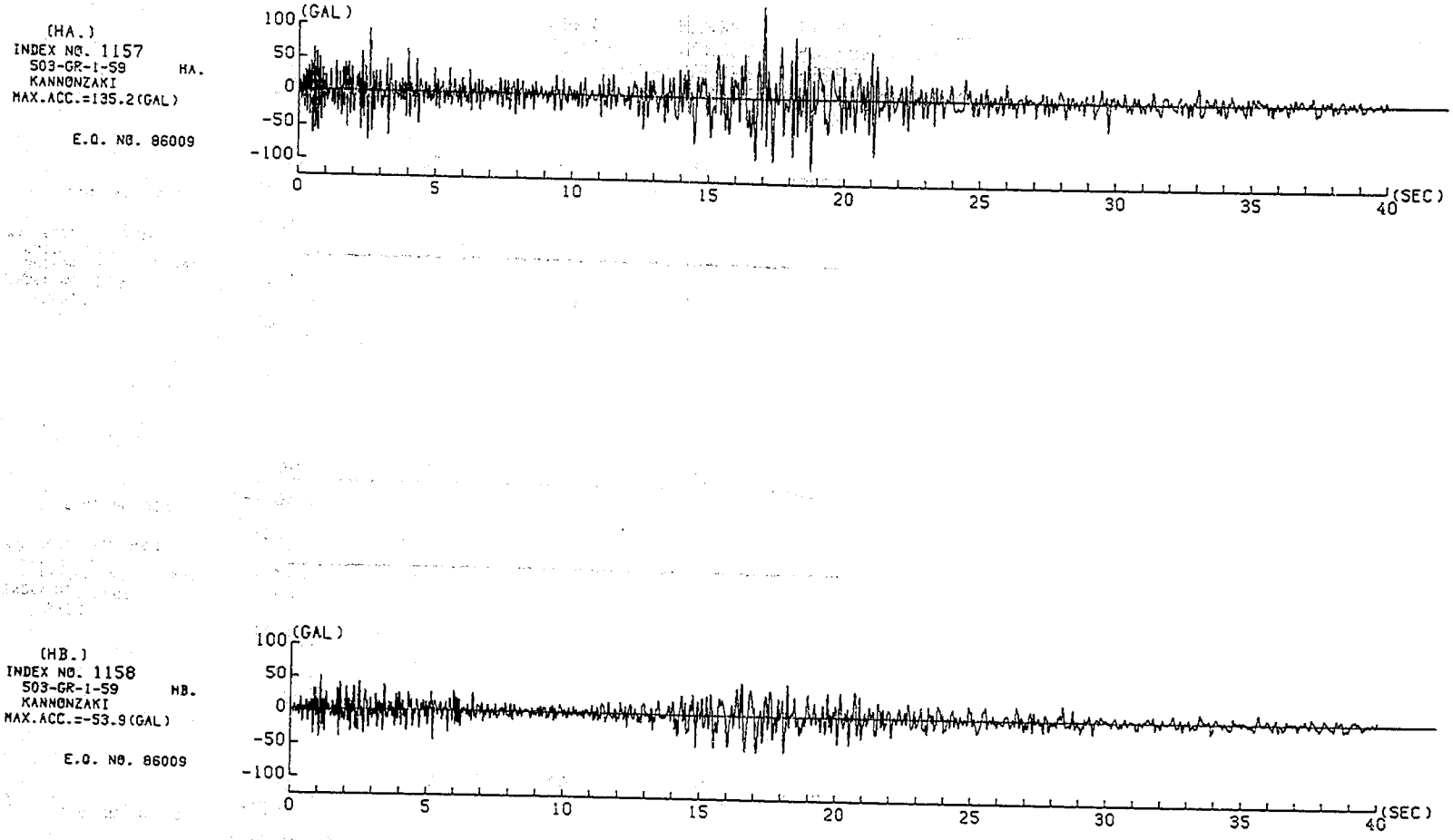


Figure 5—4—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 503-GR-1-59
INDEX NUMBER 1157 1158

(4-1)

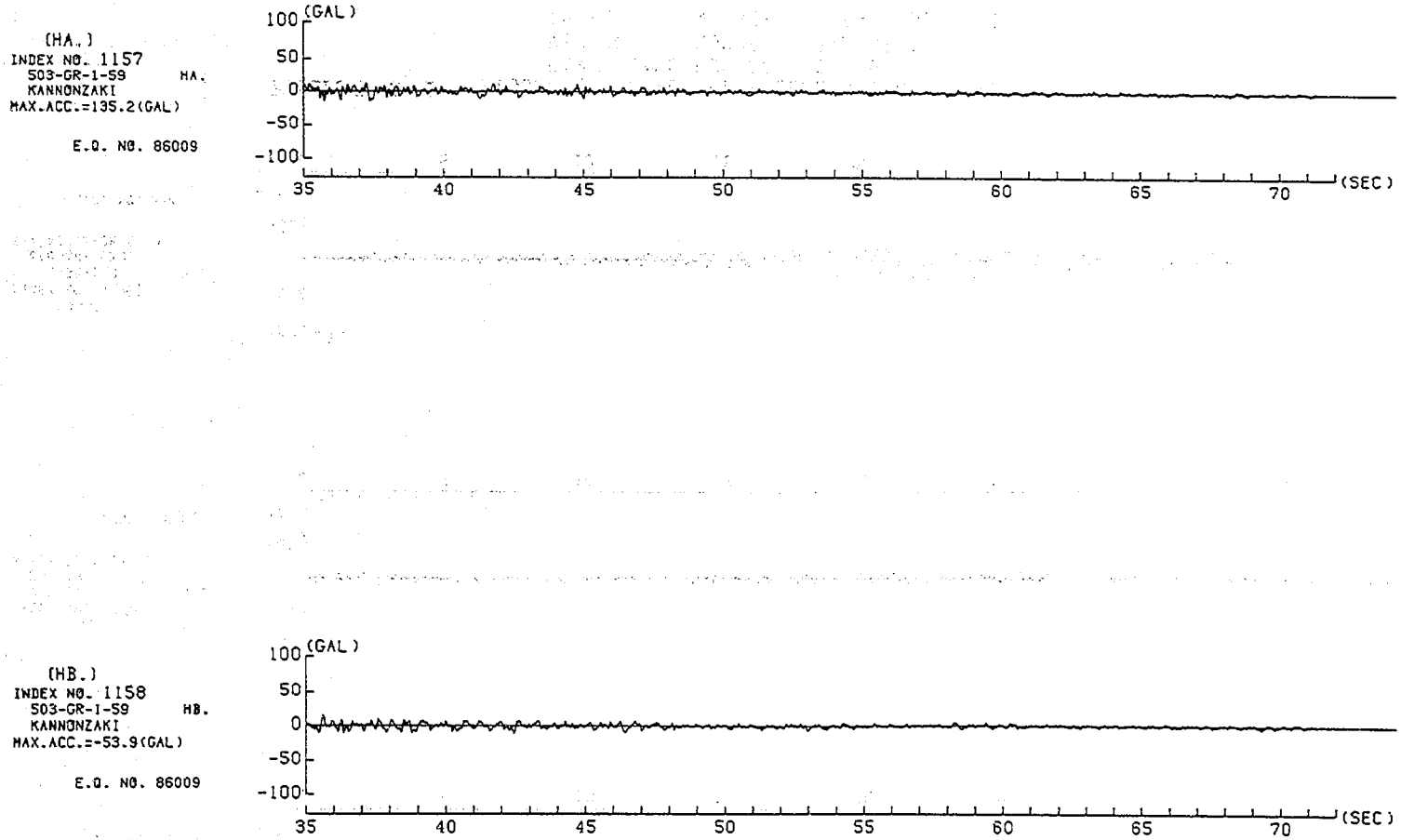


Figure 5—4—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 503-GR-1-S9
INDEX NUMBER 1157 1158

(4-2)

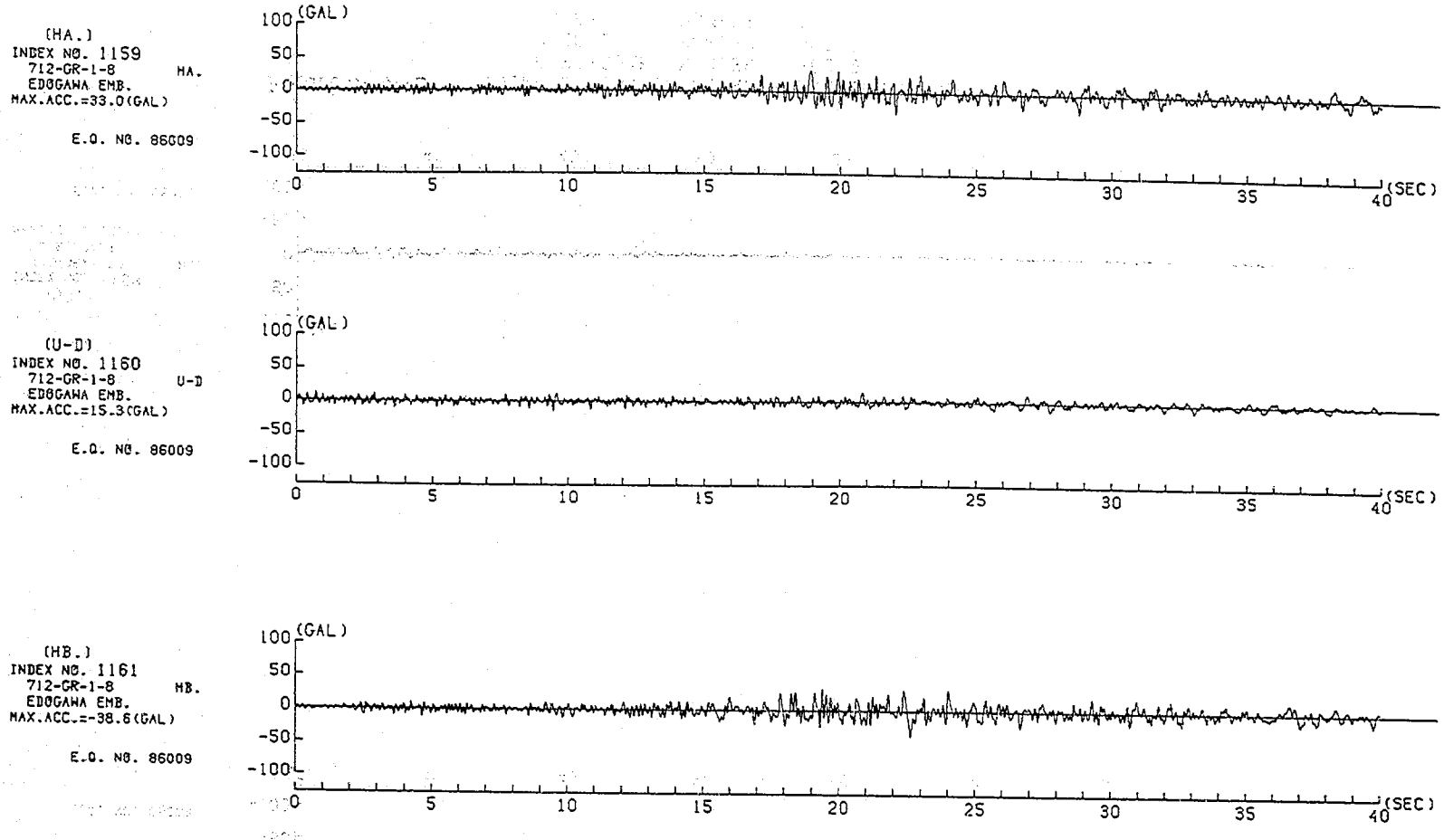


Figure 5—5—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 712-GR-1-8
INDEX NUMBER 1159 1160 1161

(S-1)

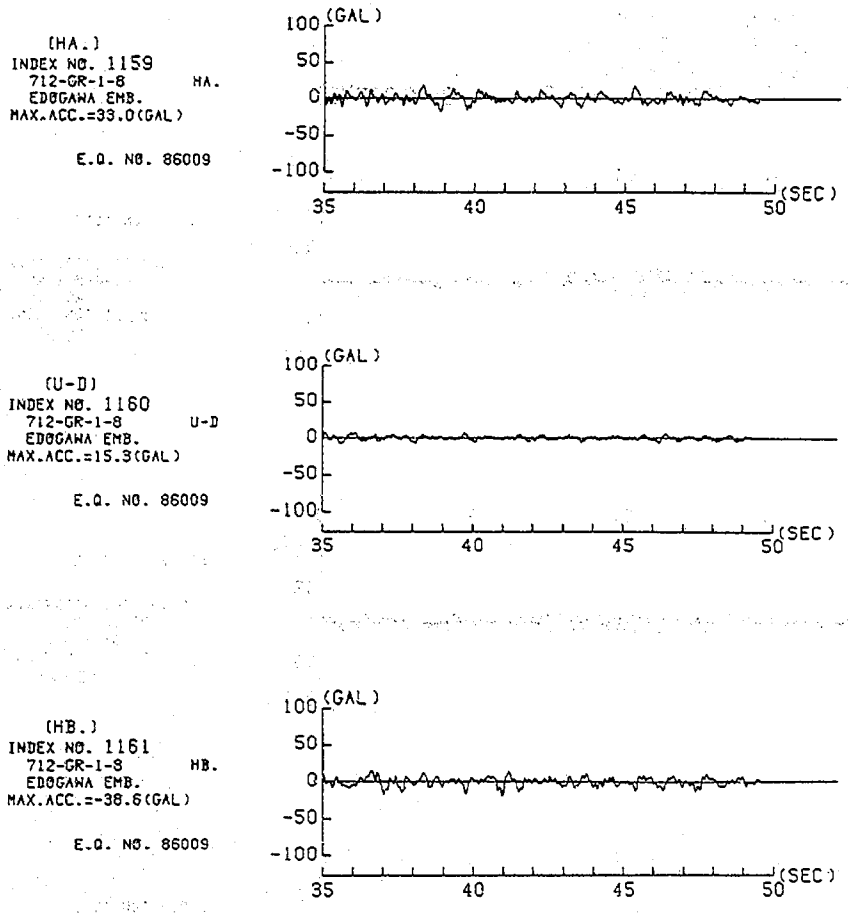


Figure 5—5—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 712-GR-1-8
INDEX NUMBER 1159 1160 1161

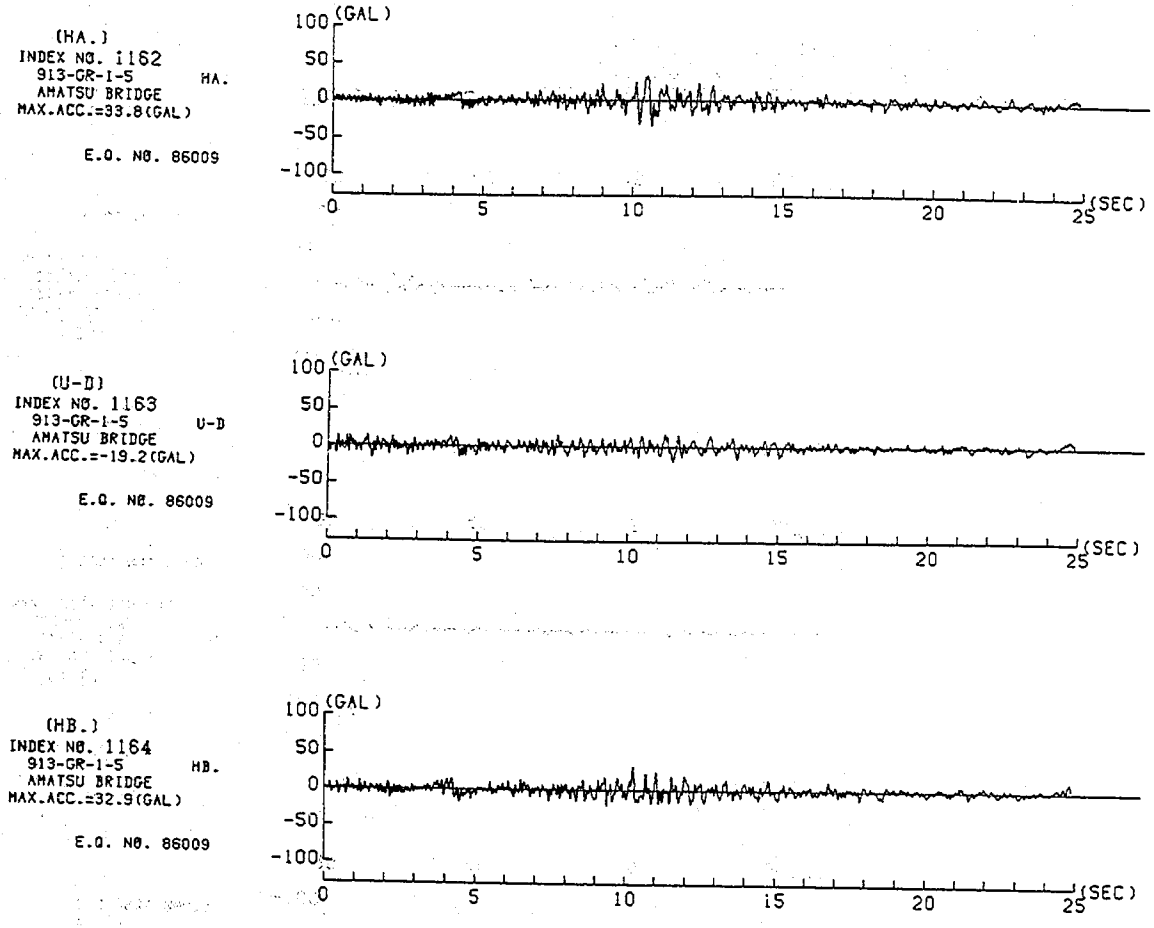


Figure 5—6 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 913-GR-1-5
INDEX NUMBER 1162 1163 1164

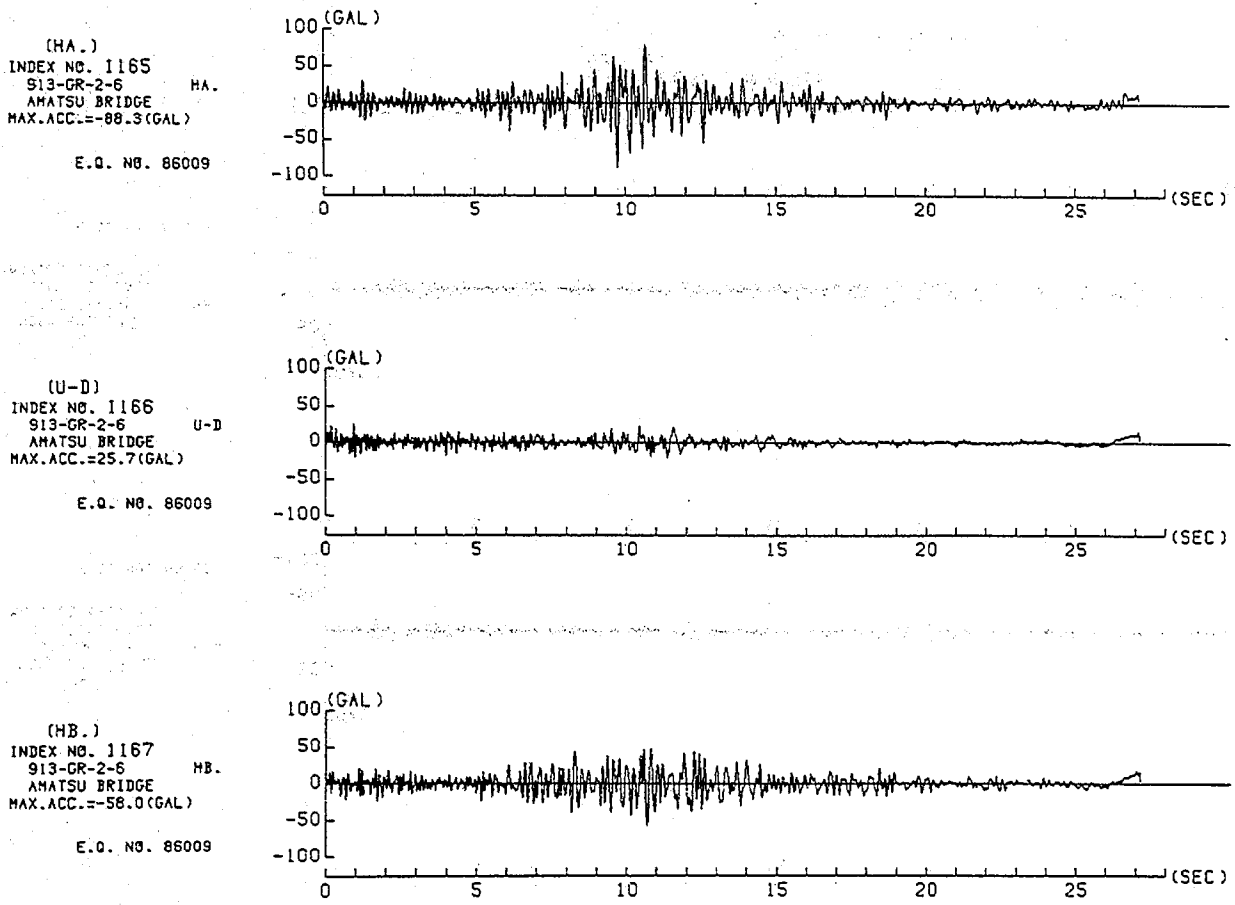


Figure 5—7 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 913-GR-2-6
INDEX NUMBER 1165 1166 1167

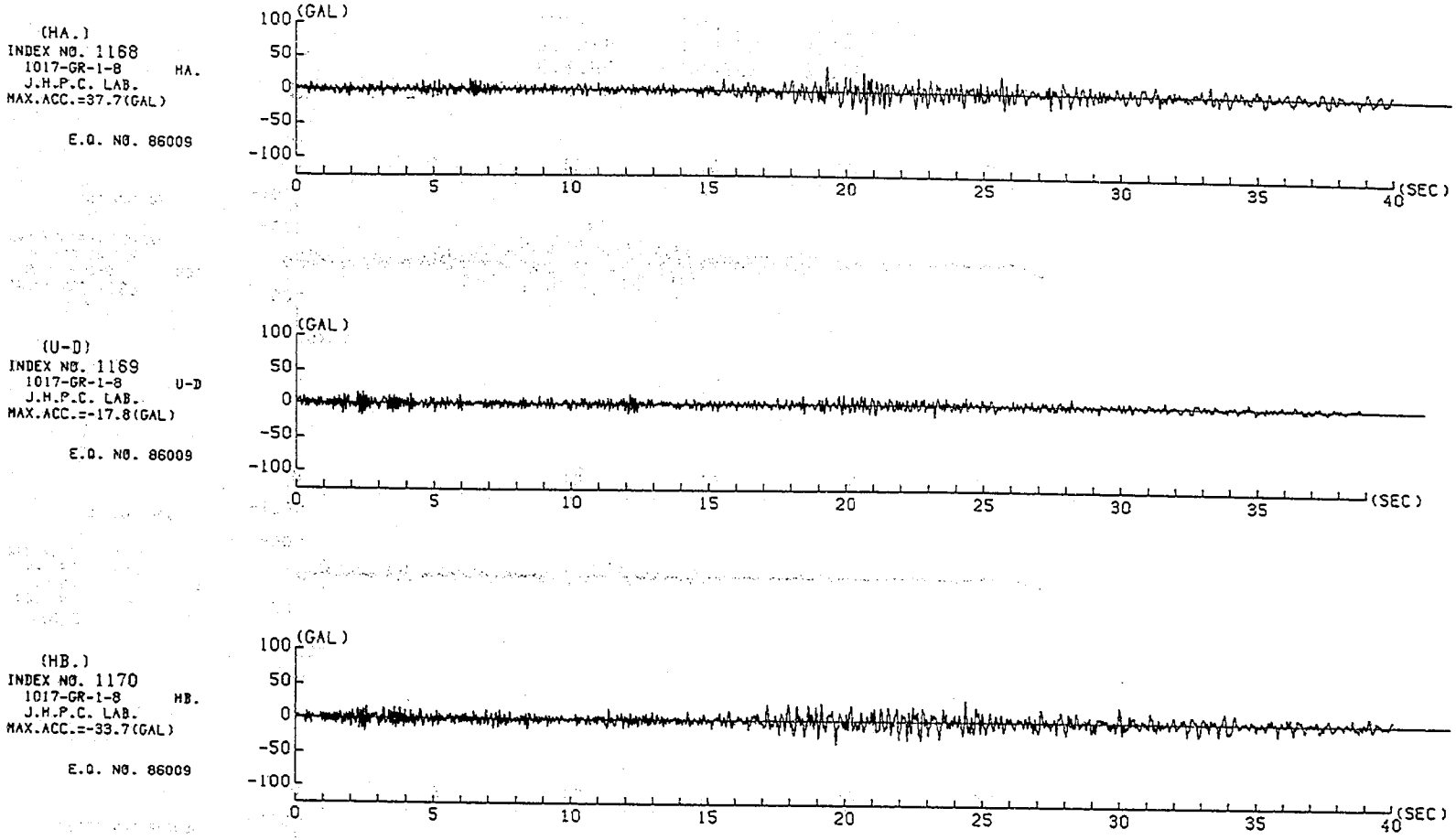
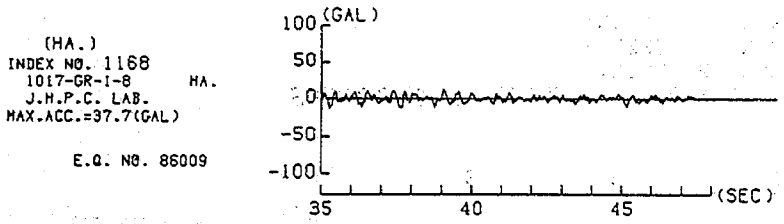


Figure 5—8—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 1017-GR-1-8
INDEX NUMBER 1168 1169 1170

(8-1)



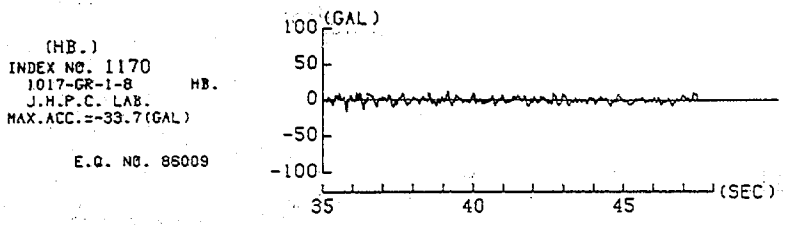


Figure 5—8—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER 1017-GR-1-8
INDEX NUMBER 1168 1169 1170

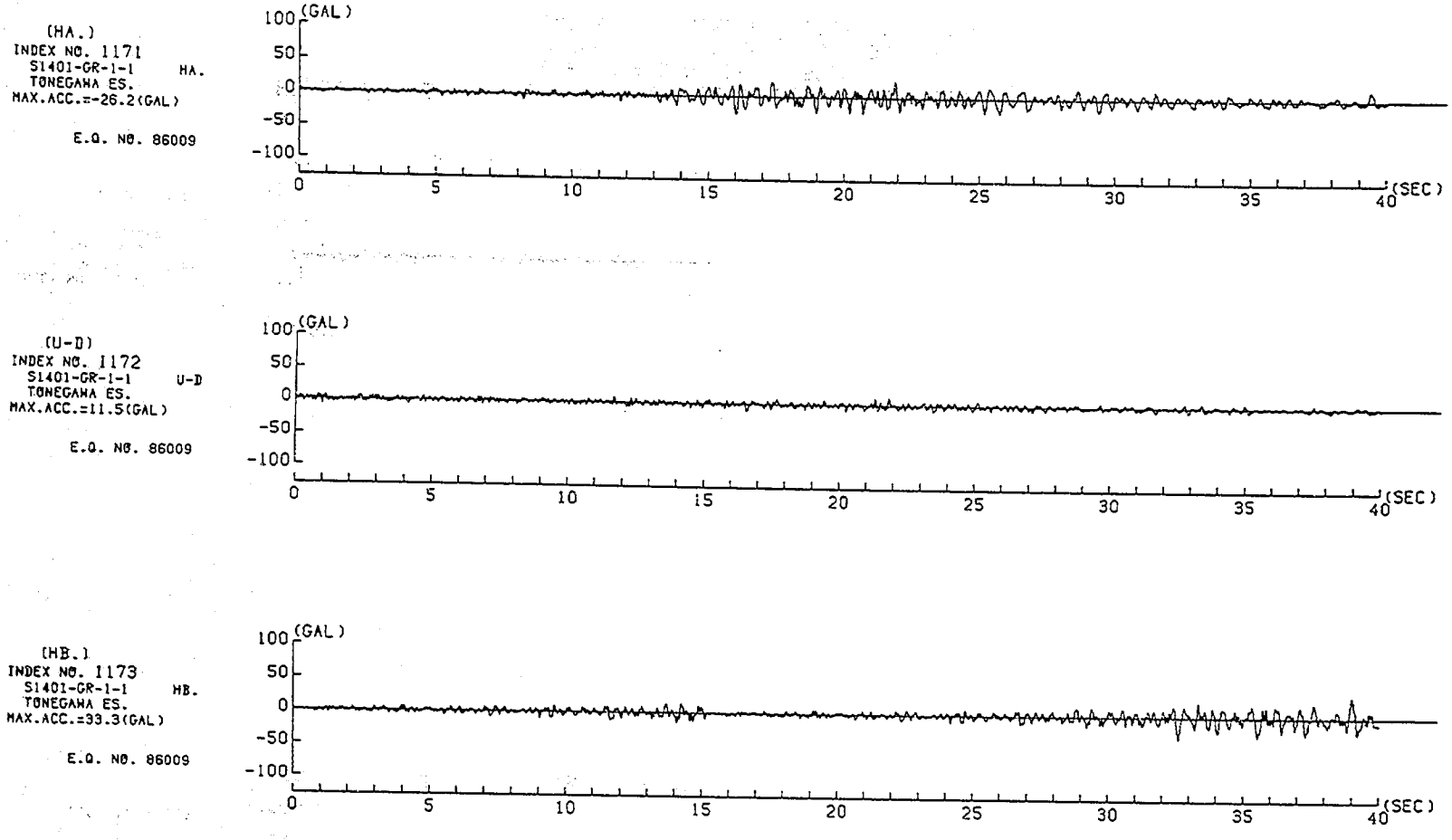


Figure 5—9—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER S1401-GR-1-1
INDEX NUMBER 1171 1172 1173

(9-1)

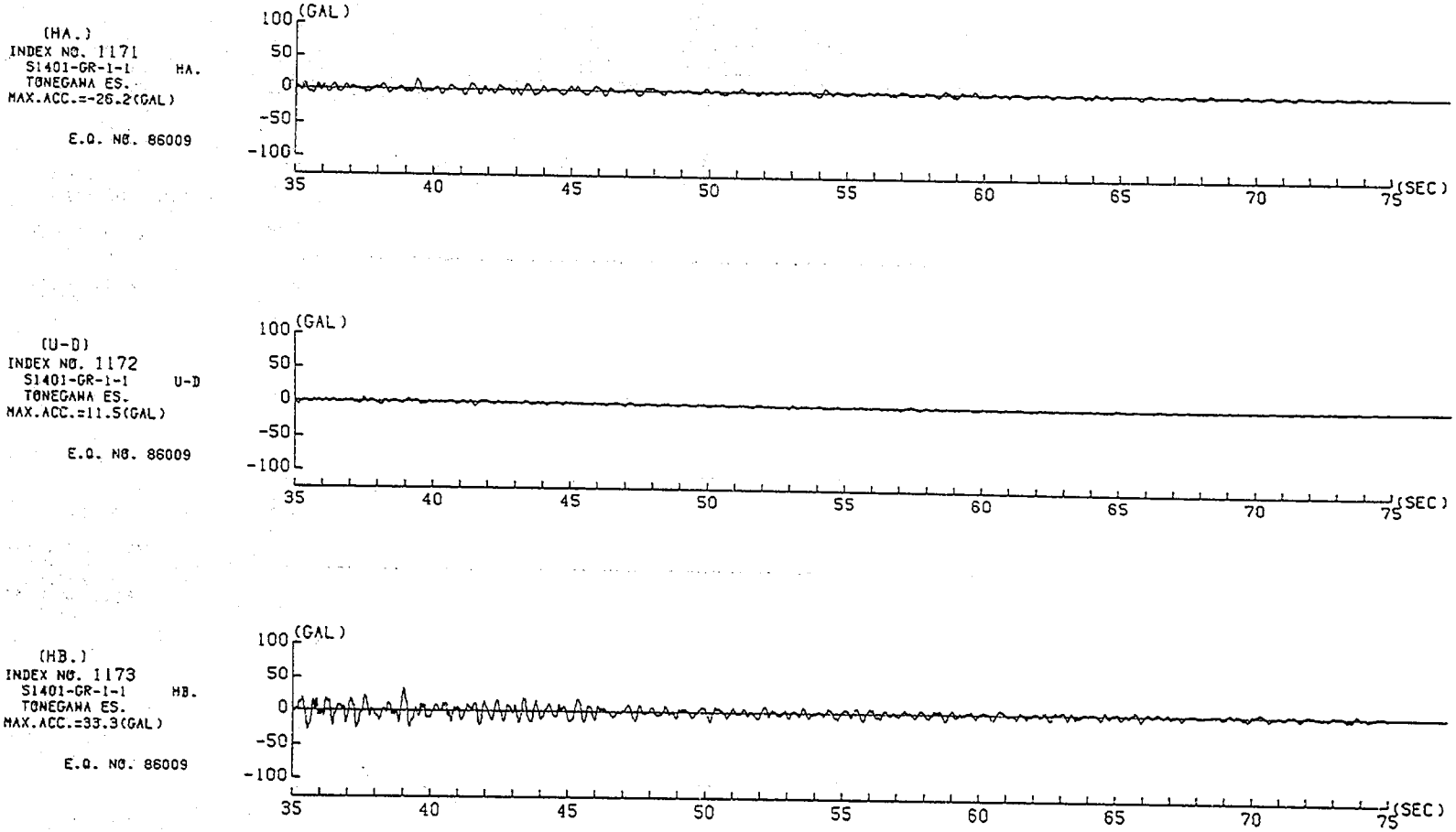


Figure 5—9—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER S1401-GR-1-1
INDEX NUMBER 1171 1172 1173

(9-2)

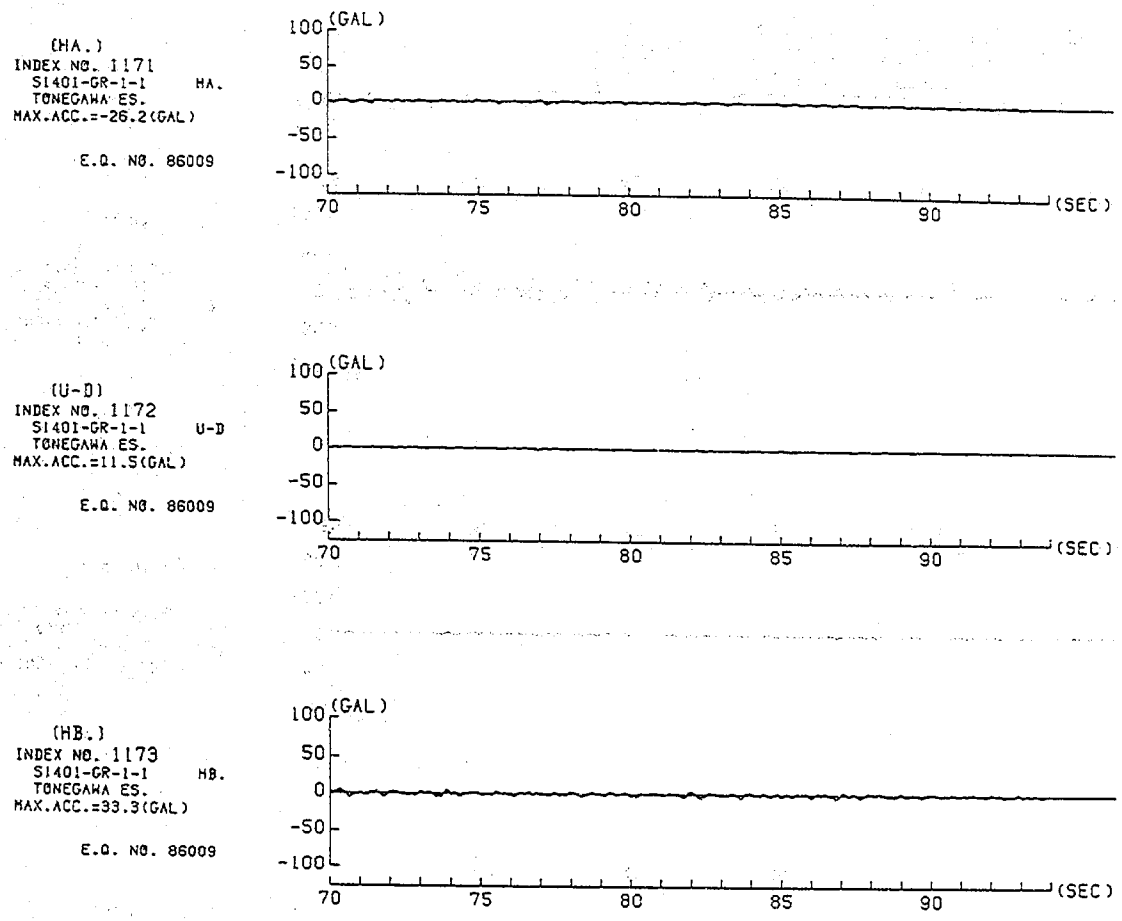


Figure 5—9—3 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86009
RECORD NUMBER S1401-GR-1-1
INDEX NUMBER 1171 1172 1173

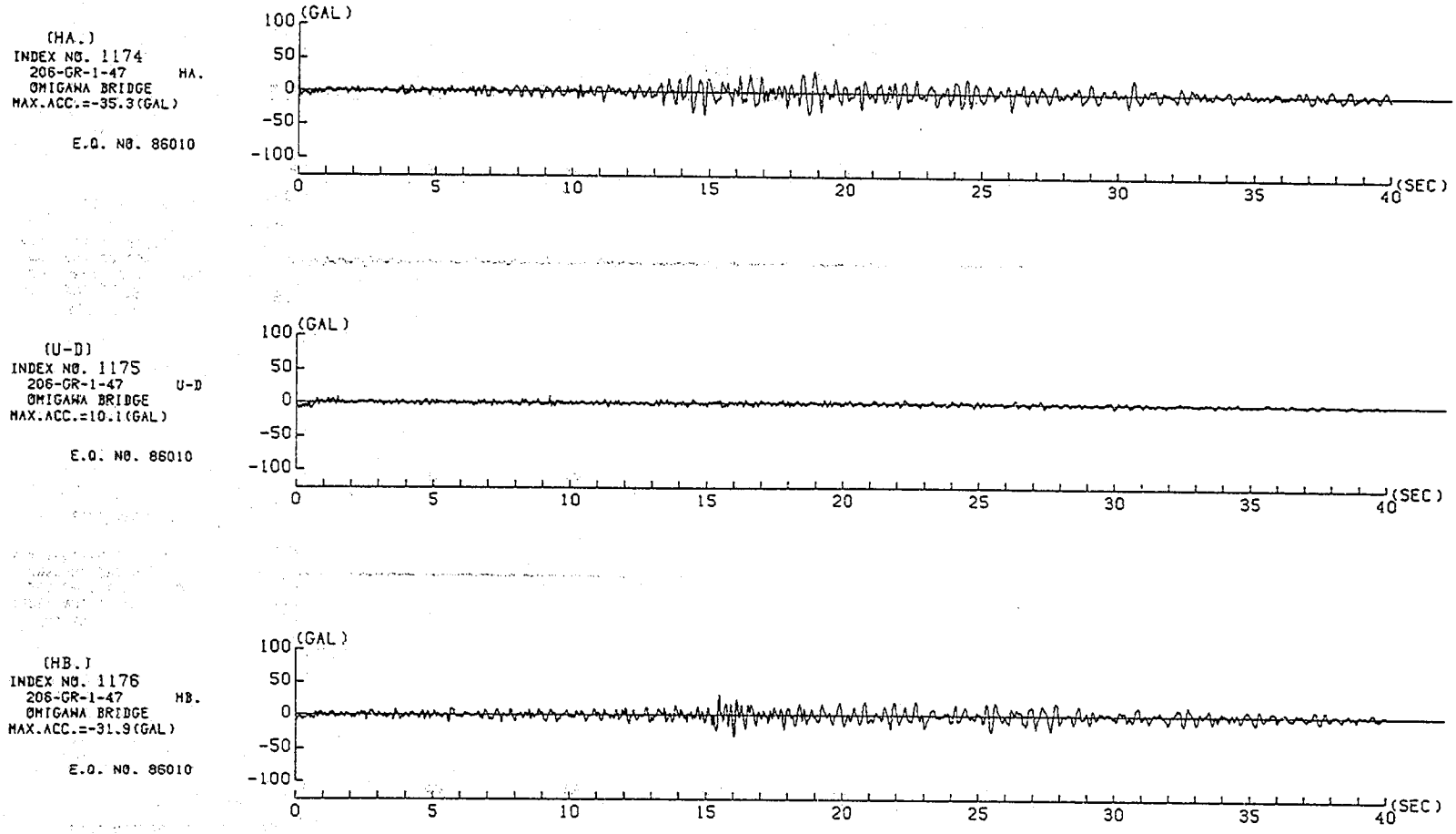


Figure 5—10—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86010
RECORD NUMBER 206-GR-1-47
INDEX NUMBER 1174 1175 1176

(10-1)

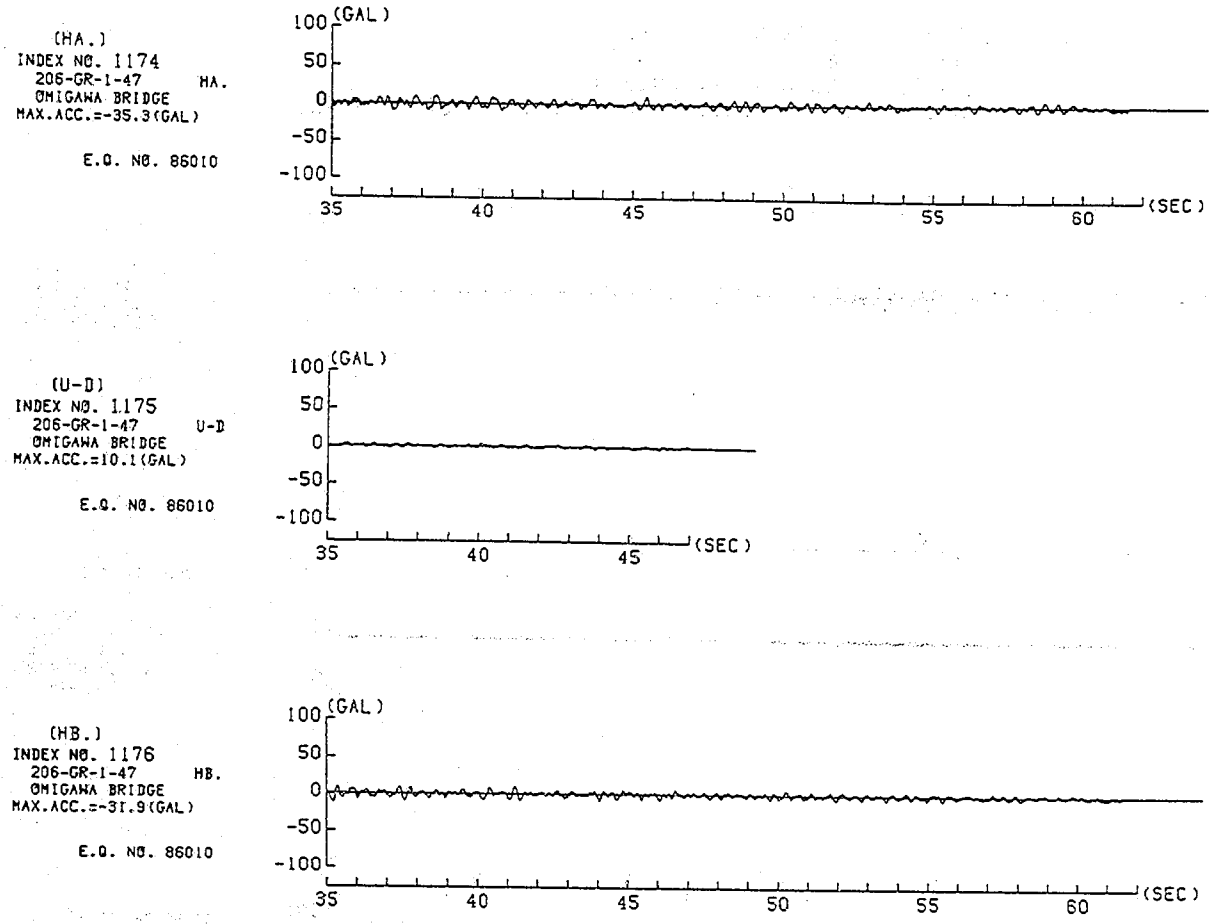


Figure 5—10—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86010
RECORD NUMBER 206-GR-1-47
INDEX NUMBER 1174 1175 1176

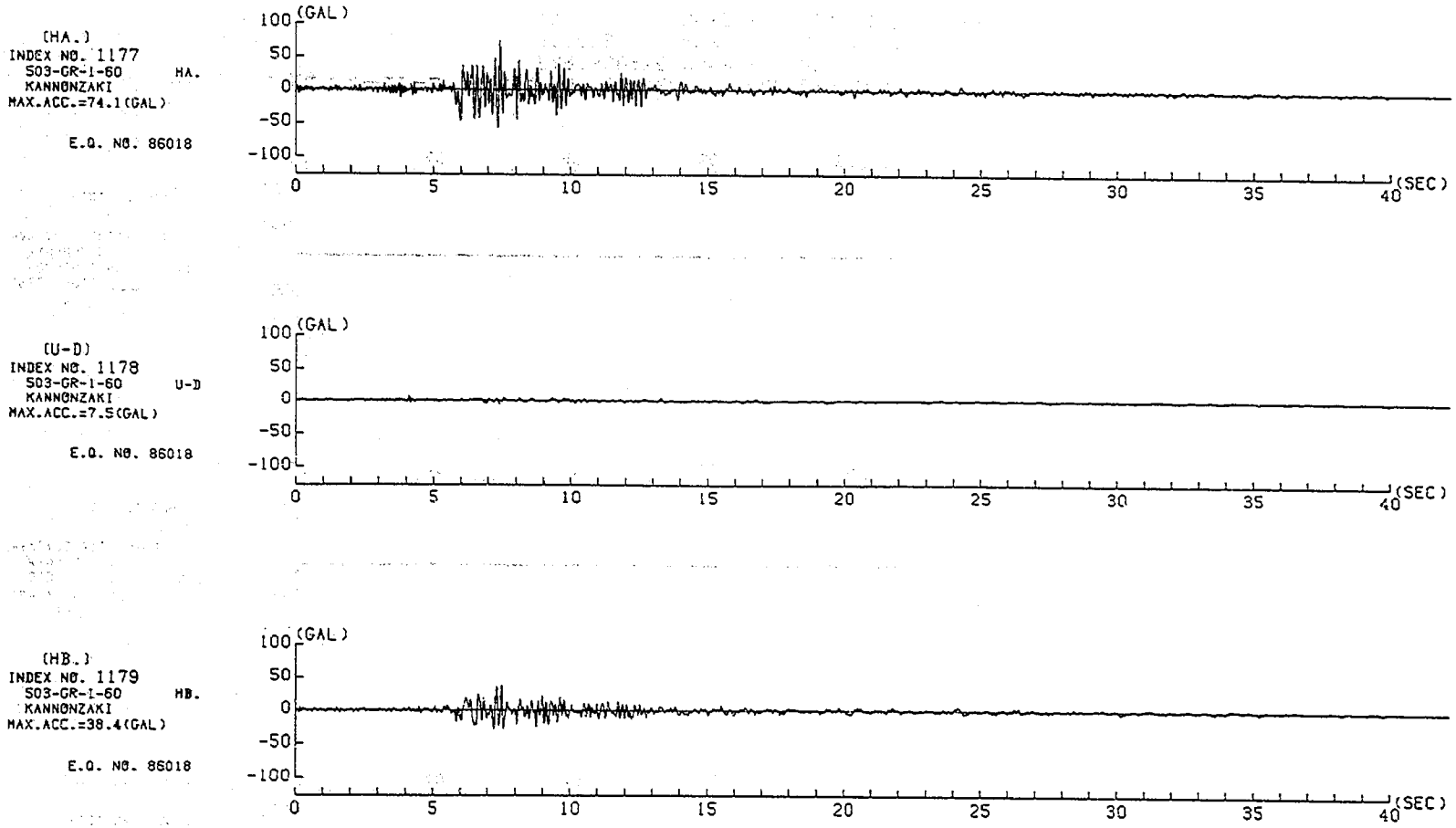


Figure 5—11—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86018
RECORD NUMBER S03-GR-1-60
INDEX NUMBER 1177 1178 1179

(11-1)

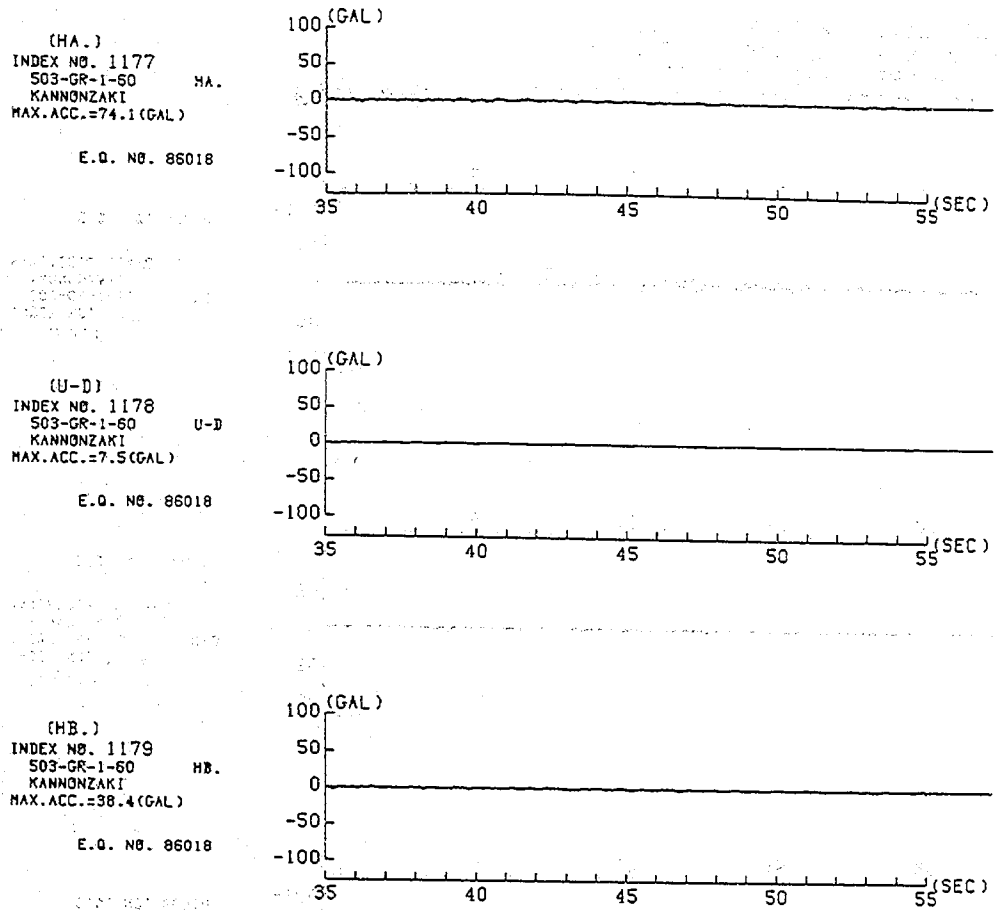


Figure 5—11—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86018
RECORD NUMBER 503-GR-1-60
INDEX NUMBER 1177 1178 1179

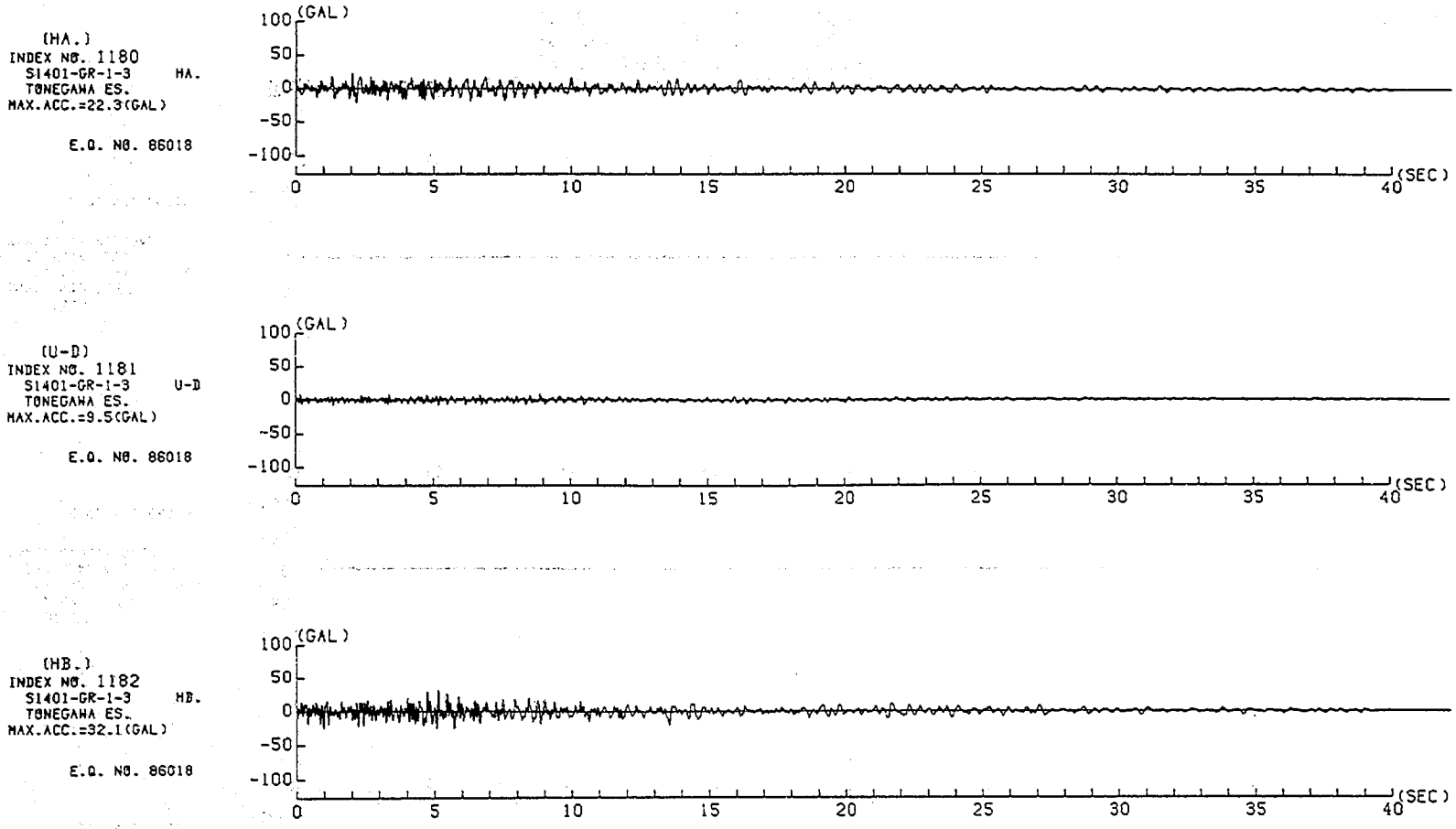


Figure 5—12—1 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86018
RECORD NUMBER S1401-GR-1-3
INDEX NUMBER 1180 1181 1182 (12-1)

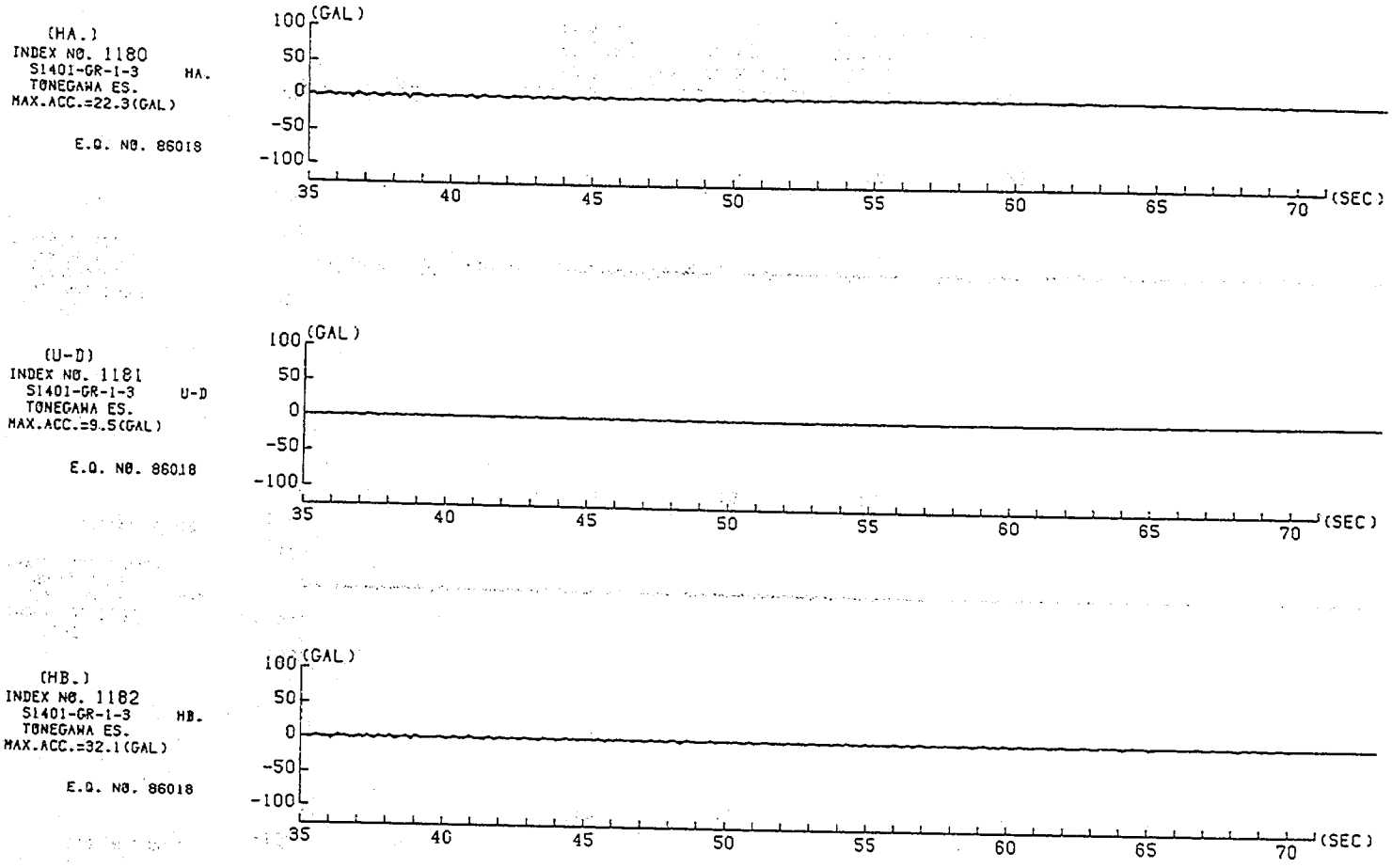


Figure 5—12—2 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86018
RECORD NUMBER S1401-GR-1-3
INDEX NUMBER 1180 1181 1182

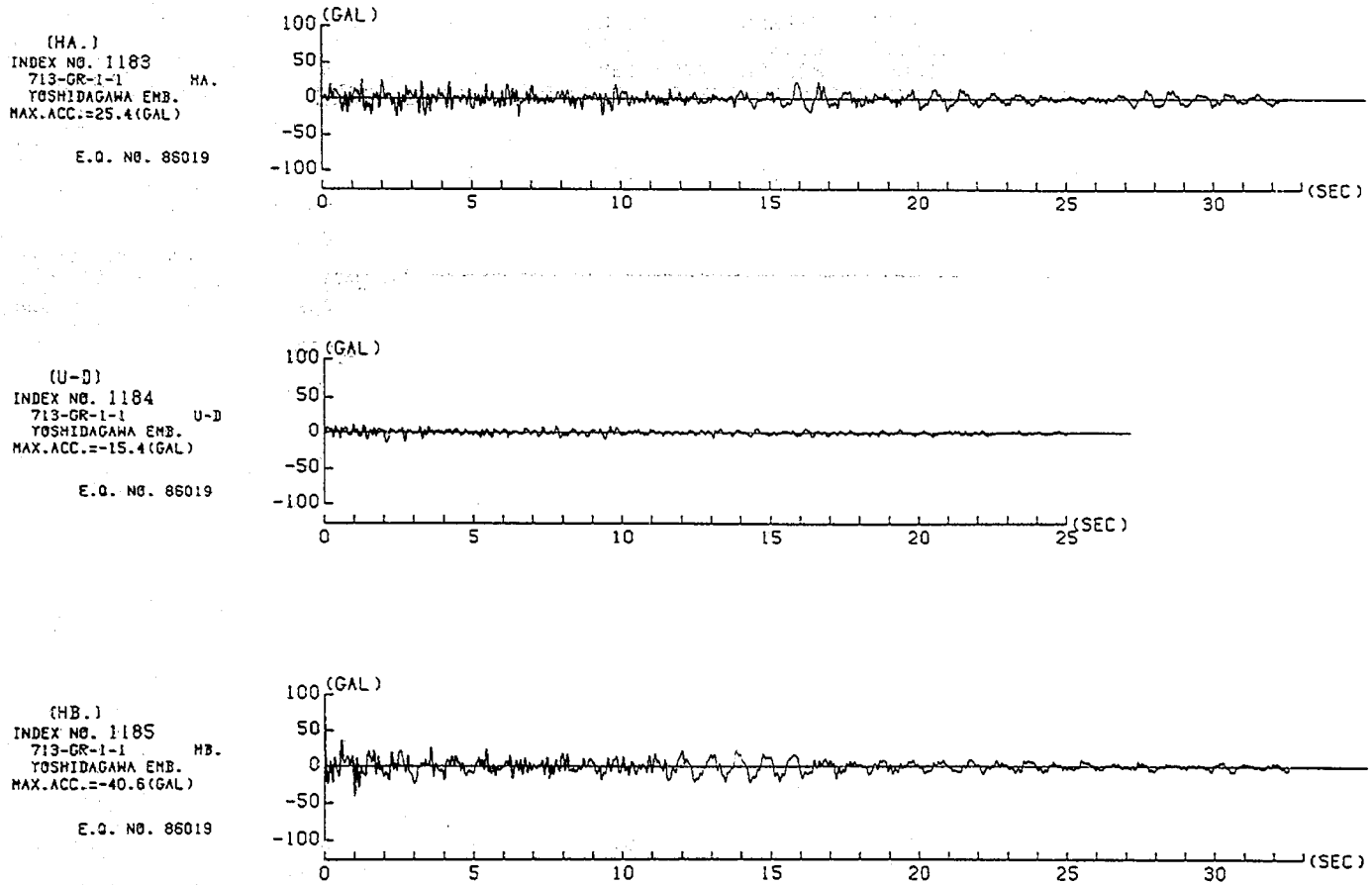


Figure 5—13 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86019
RECORD NUMBER 713-GR-1-1
INDEX NUMBER 1183 1184 1185

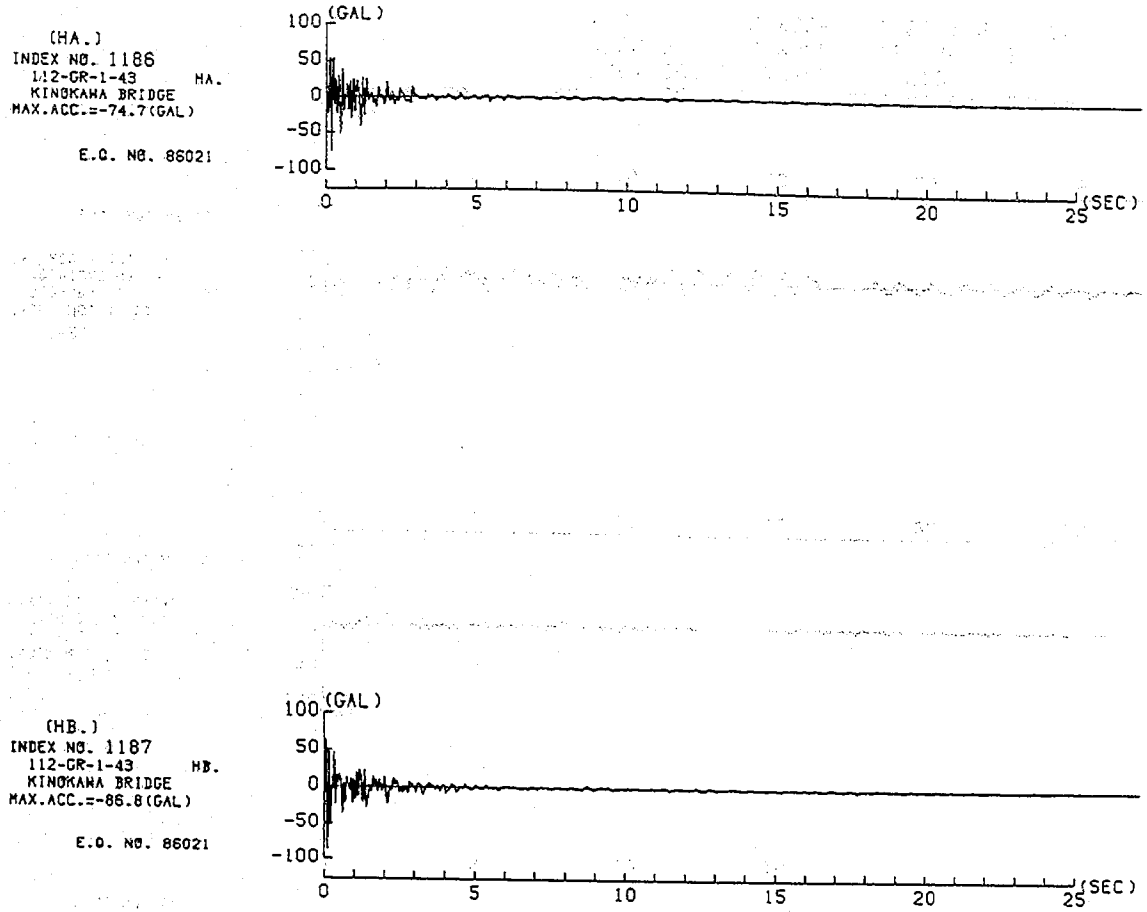


Figure 5—14 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86021
RECORD NUMBER 112-GR-1-43
INDEX NUMBER 1186 1187

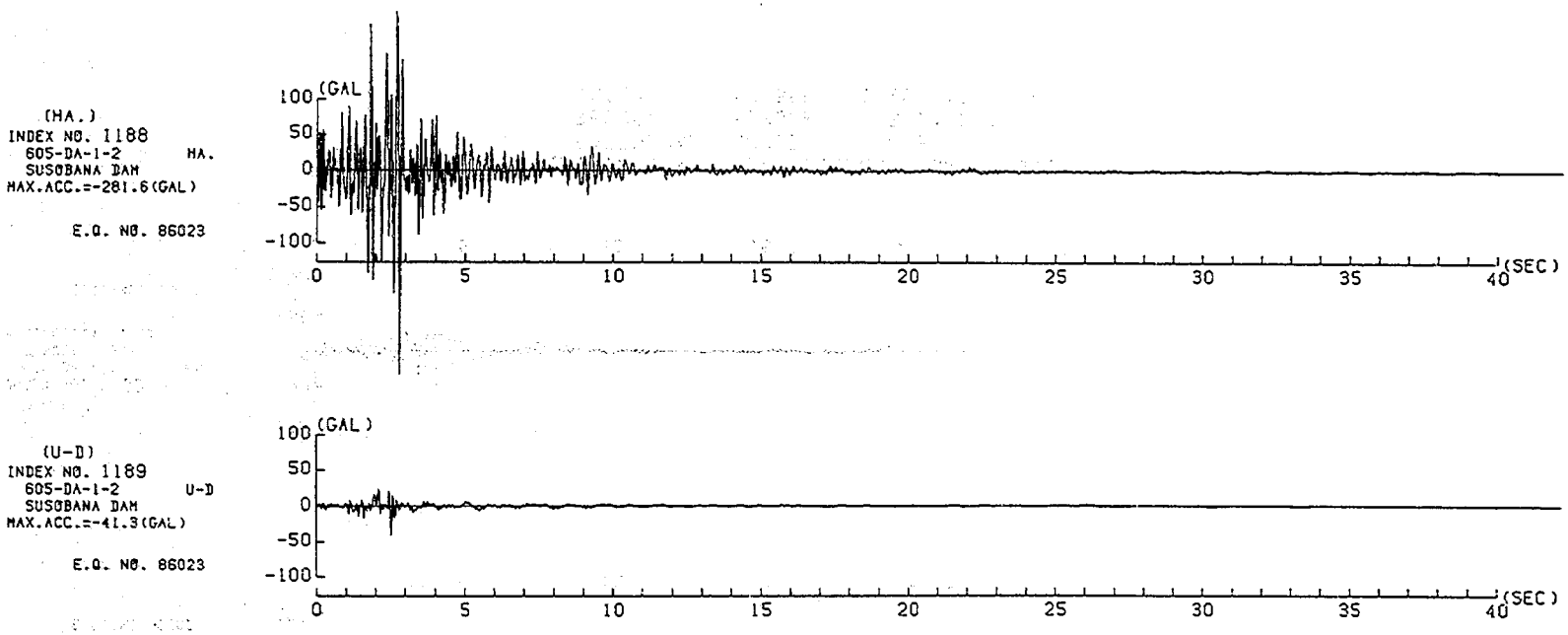


Figure 5—15 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86023
RECORD NUMBER 605-DA-1-2
INDEX NUMBER 1188 1189

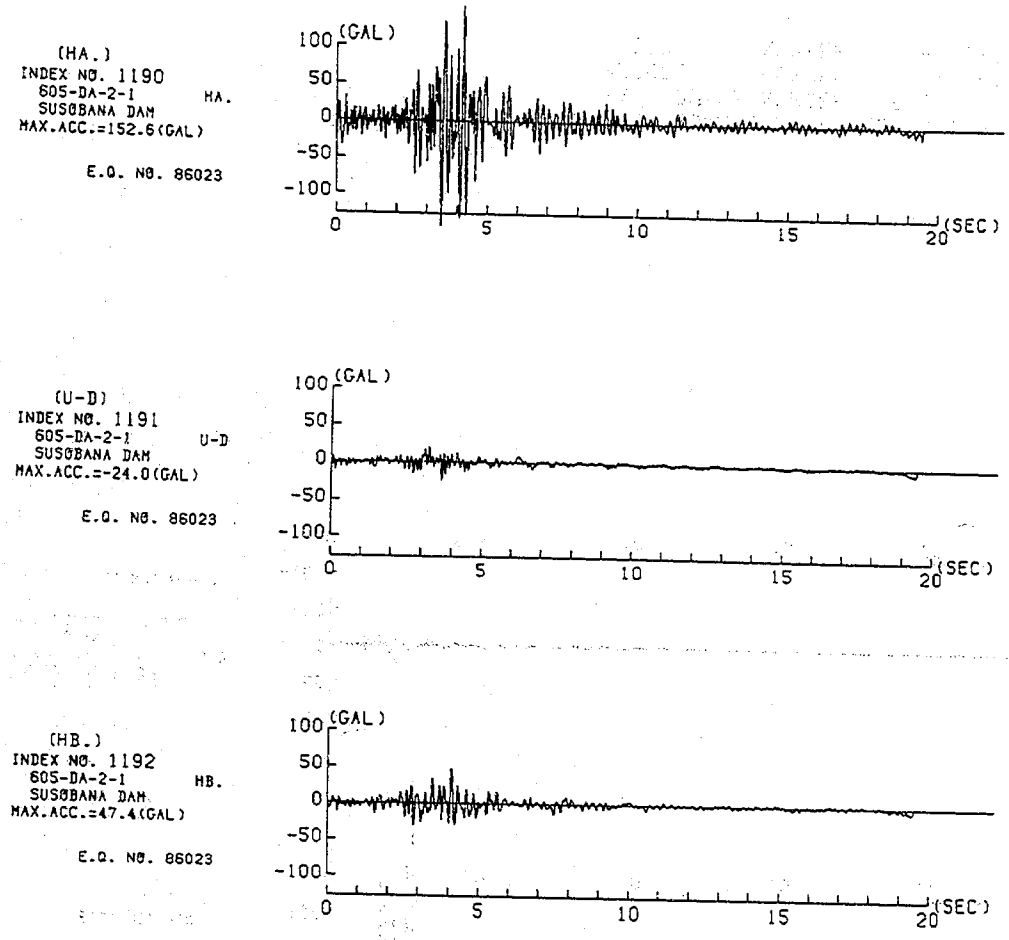
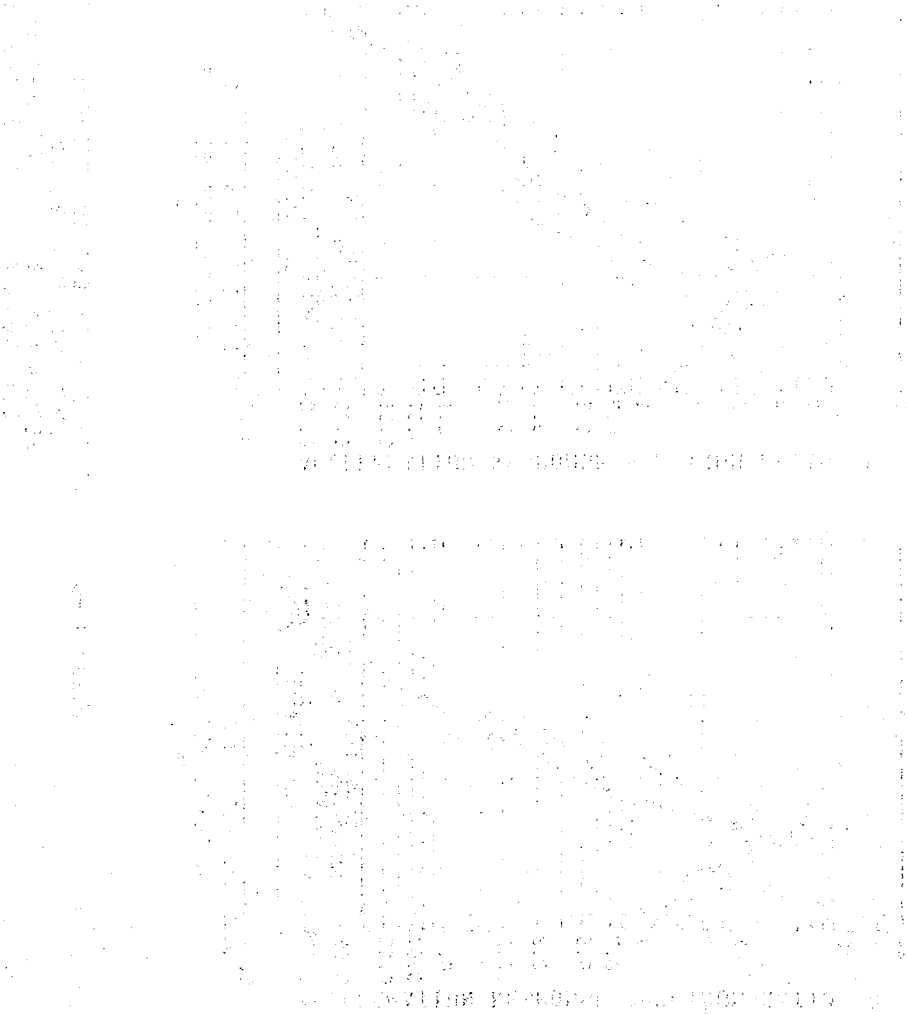


Figure 5—16 FIGURE OF CORRECTED ACCELERATION RECORD
EARTHQUAKE NUMBER 86023
RECORD NUMBER 605-DA-2-1
INDEX NUMBER 1190 1191 1192

6. 加速度応答スペクトル倍率

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 6－16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，検索の助けとしている。



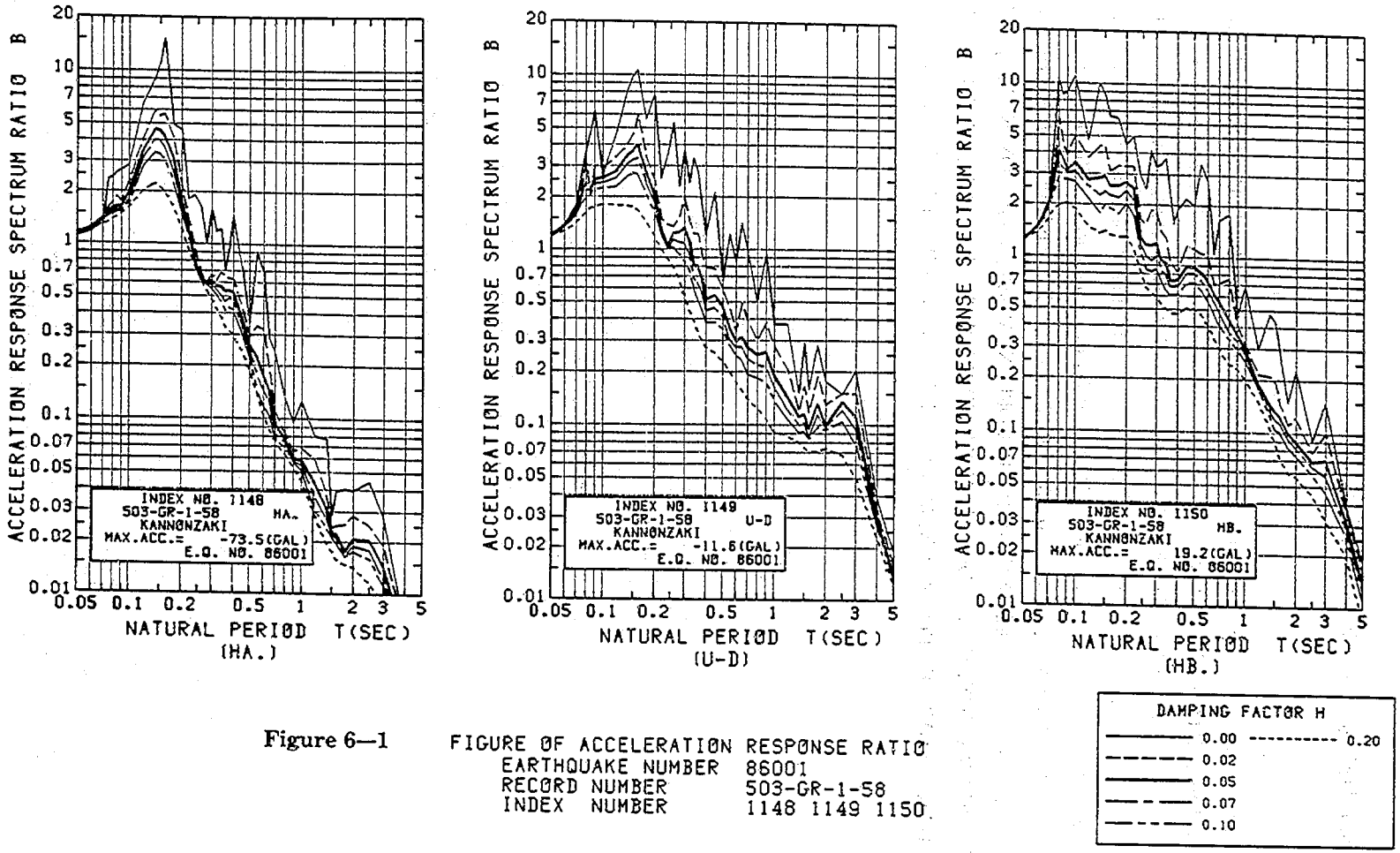


Figure 6—1 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86001
RECORD NUMBER 503-GR-1-58
INDEX NUMBER 1148 1149 1150

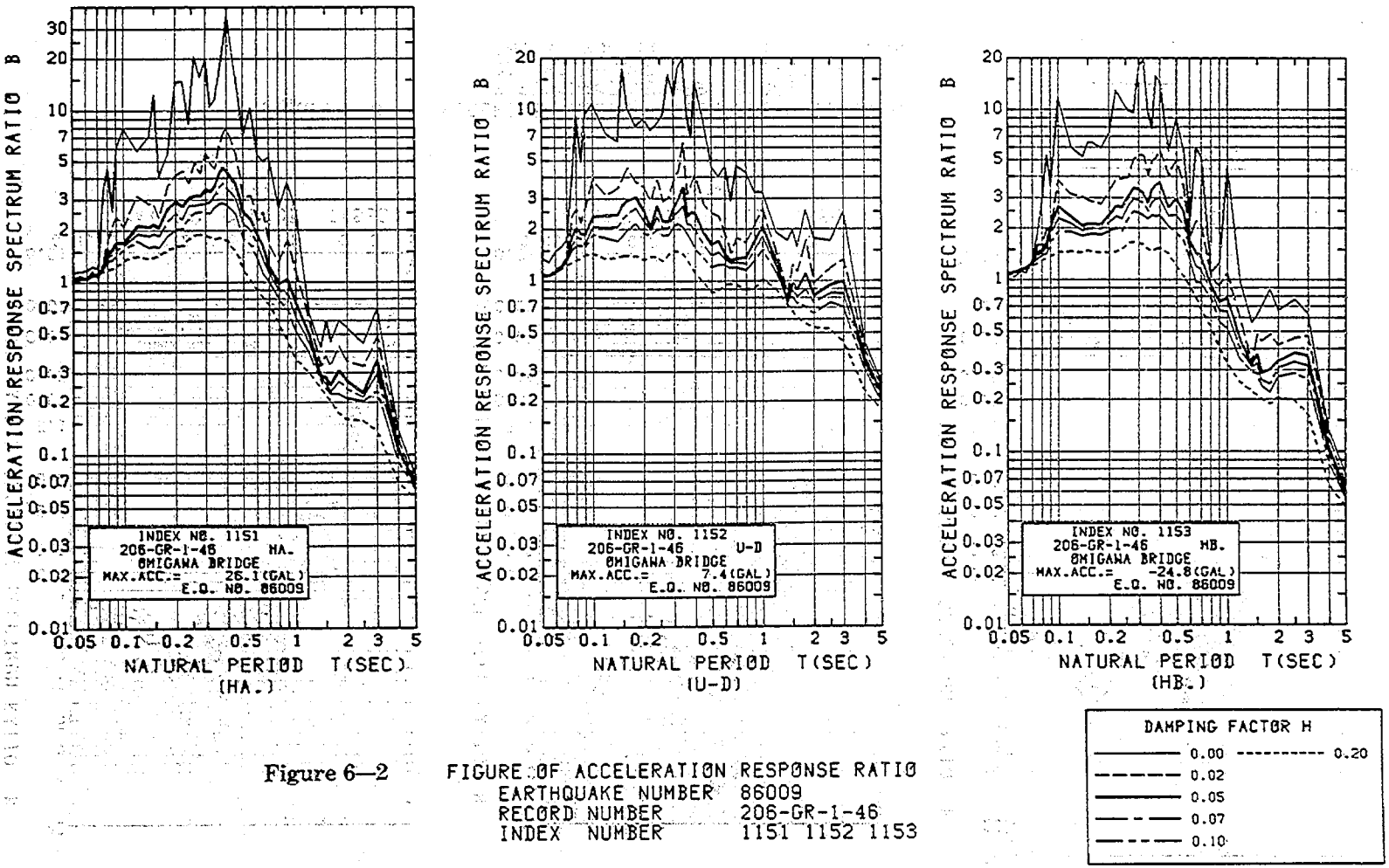


Figure 6—2 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 206-GR-1-46
INDEX NUMBER 1151 1152 1153

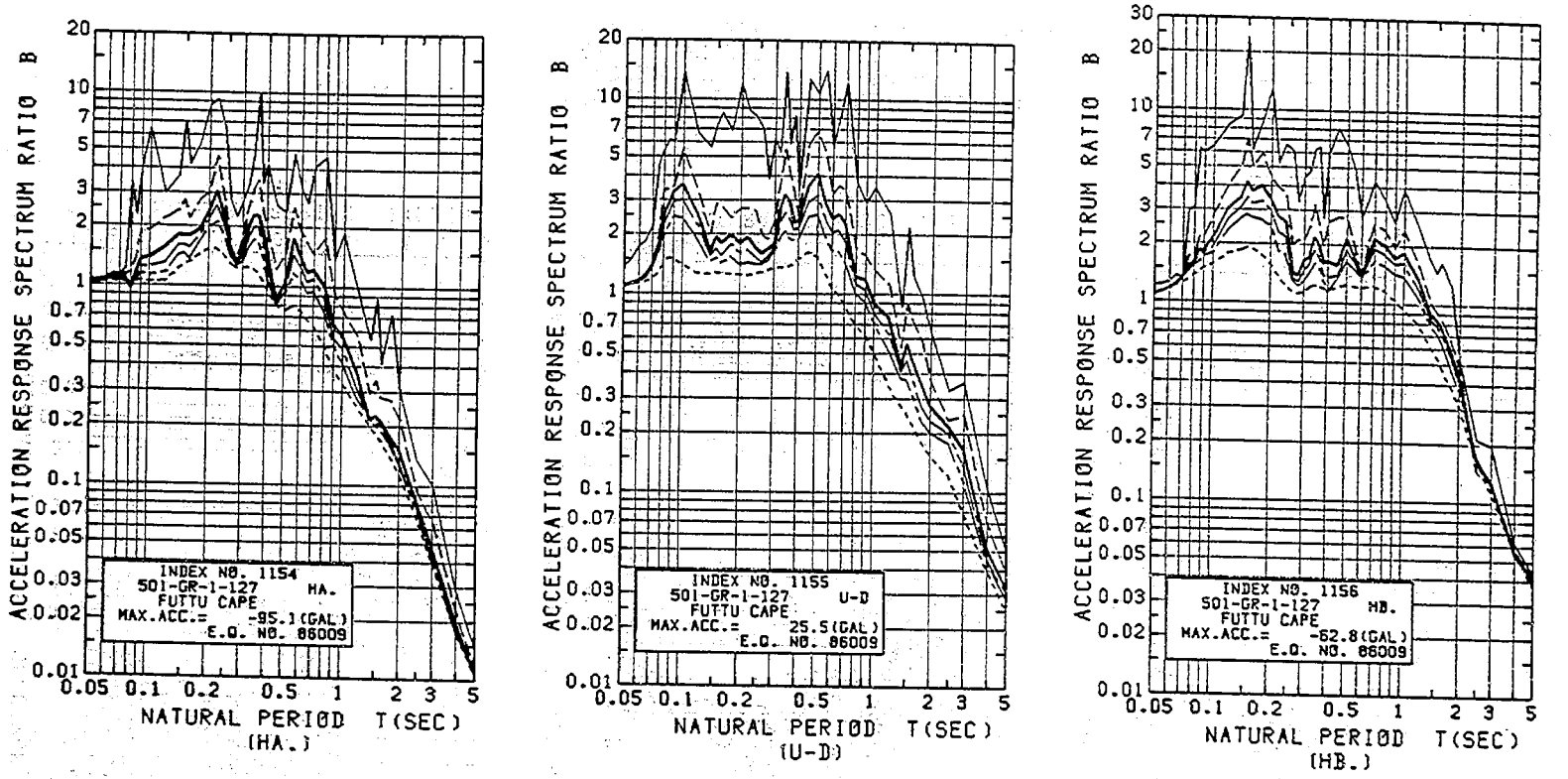
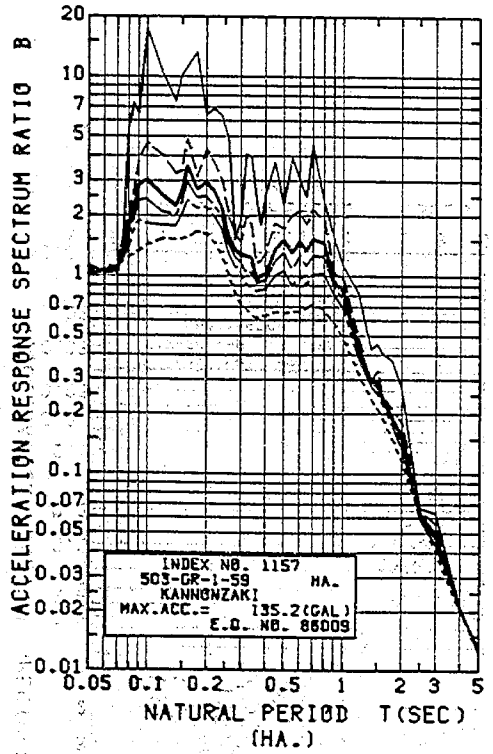


Figure 6—3 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 501-GR-1-127
INDEX NUMBER 1154 1155 1156



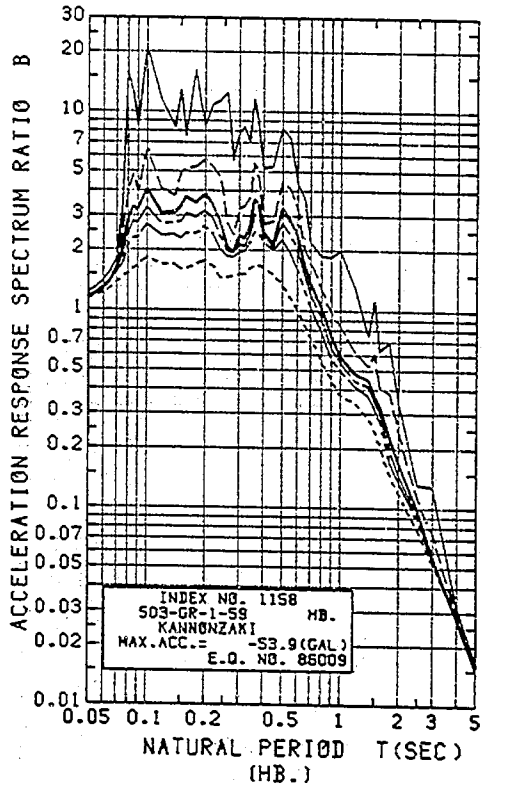


Figure 6—4 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER	86009	
RECORD NUMBER	503-GR-1-59	
INDEX NUMBER	1157	1158

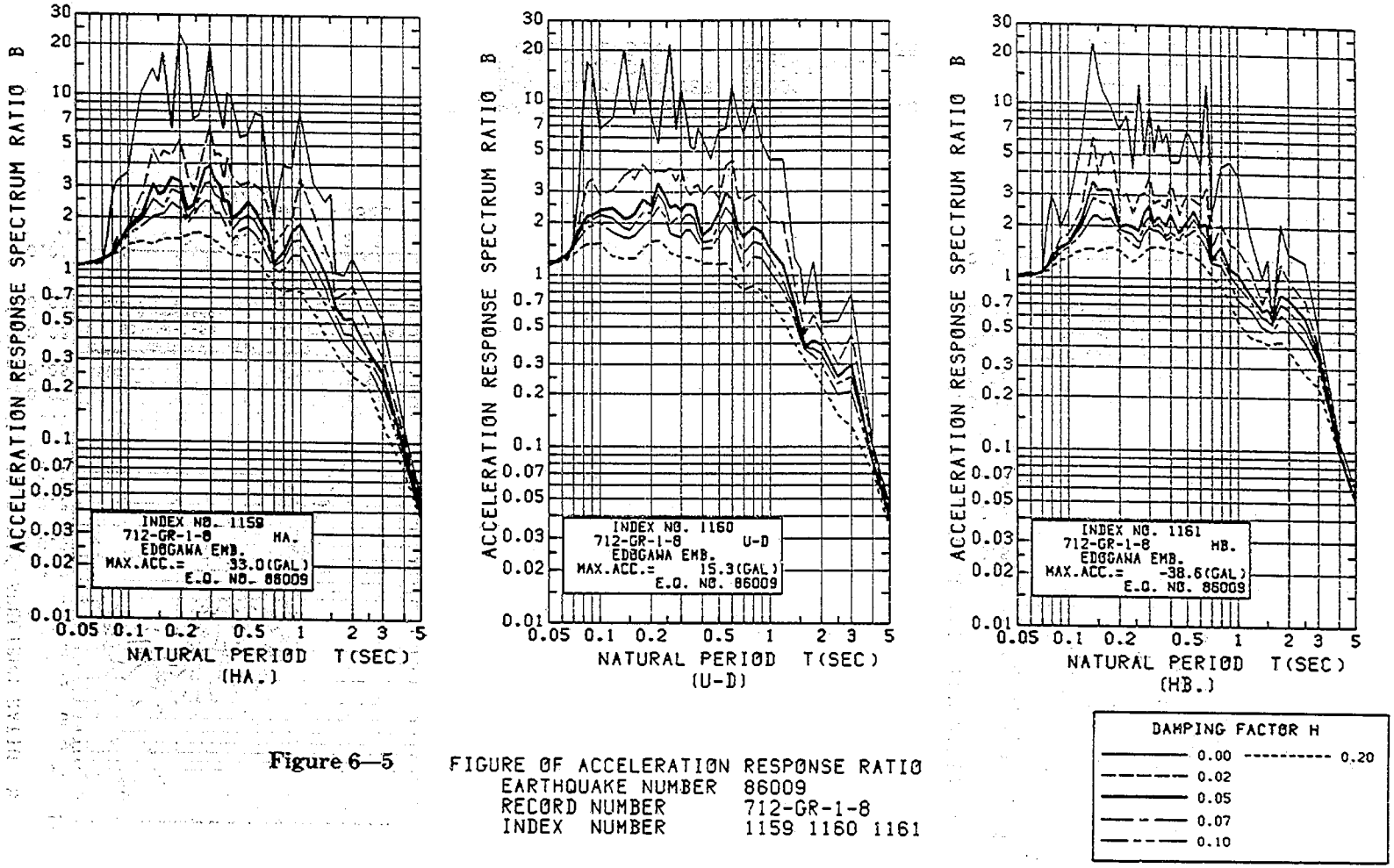


Figure 6—5 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 712-GR-1-8
INDEX NUMBER 1159 1160 1161

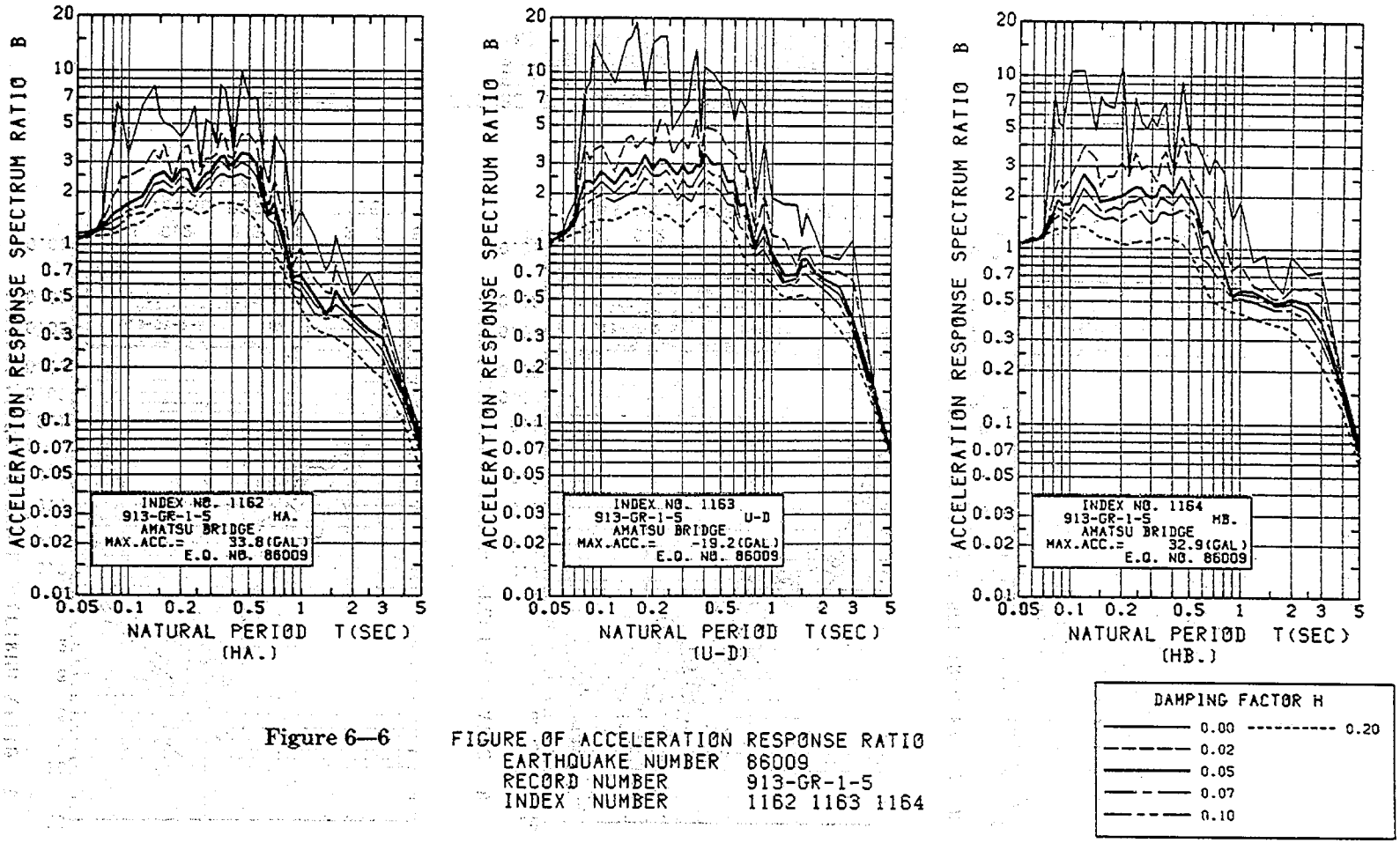


Figure 6—6 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 913-GR-1-5
INDEX NUMBER 1162 1163 1164

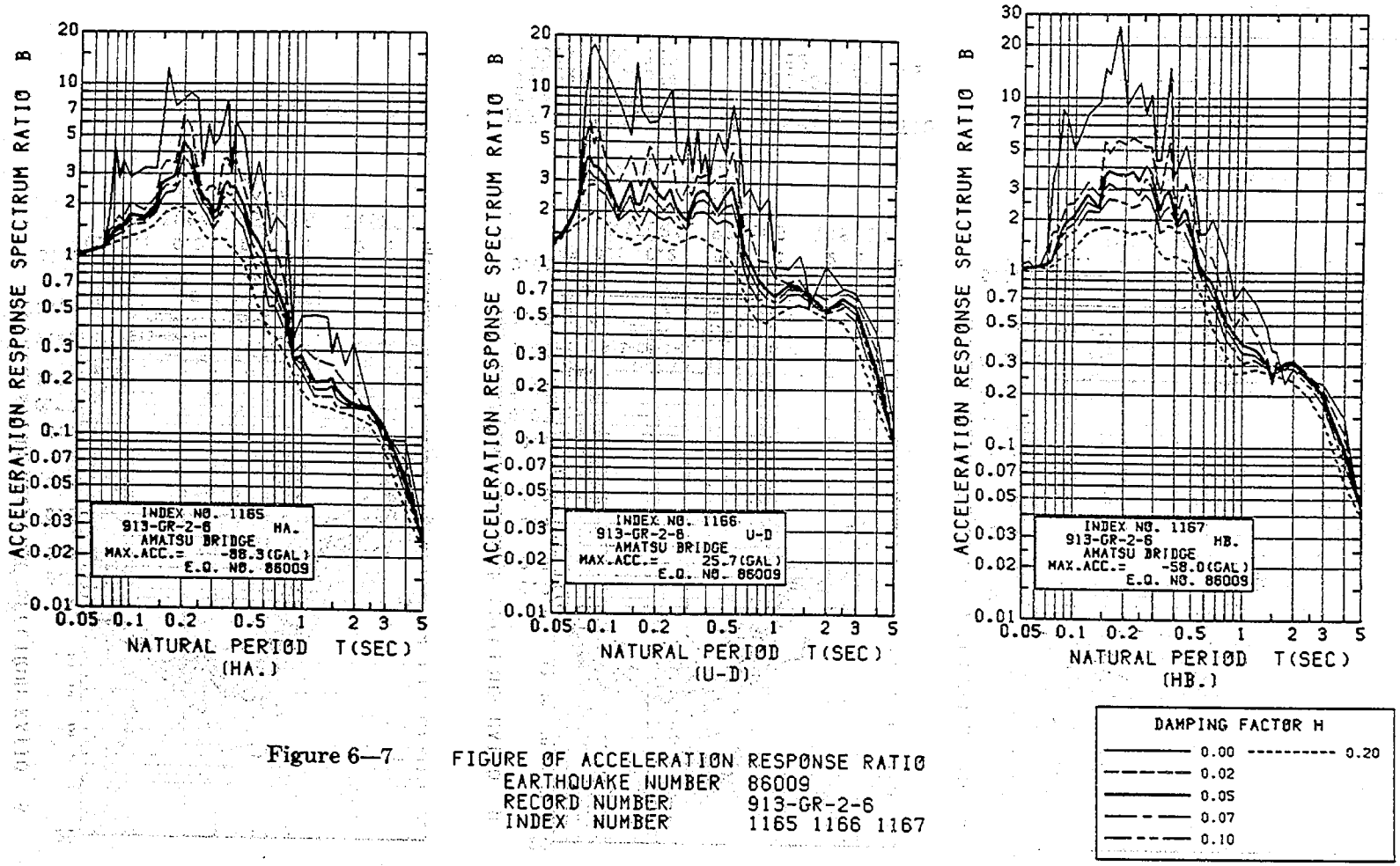


Figure 6—7 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 913-GR-2-6
INDEX NUMBER 1165 1166 1167

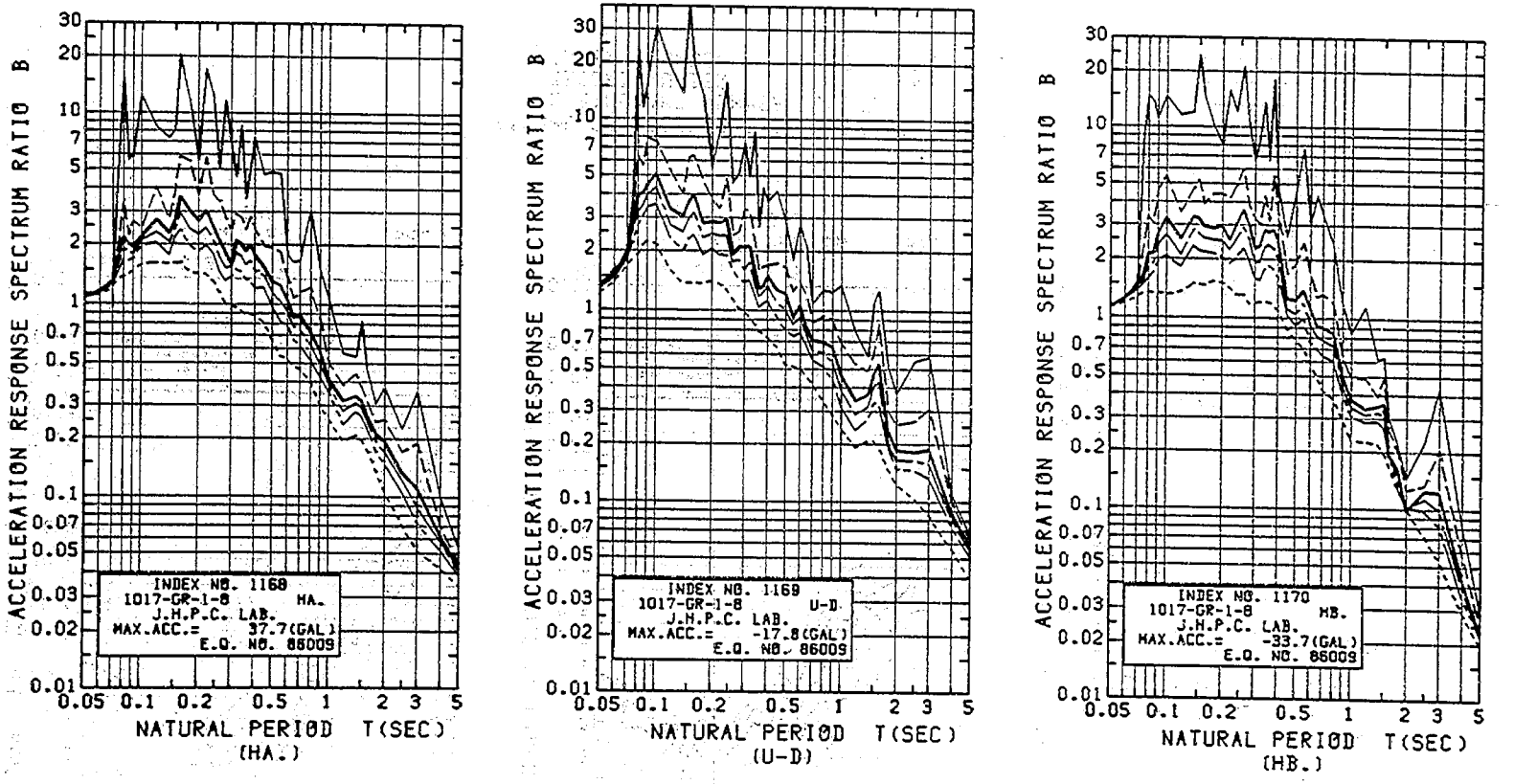


Figure 6—8 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER 1017-GR-1-8
INDEX NUMBER 1168 1169 1170

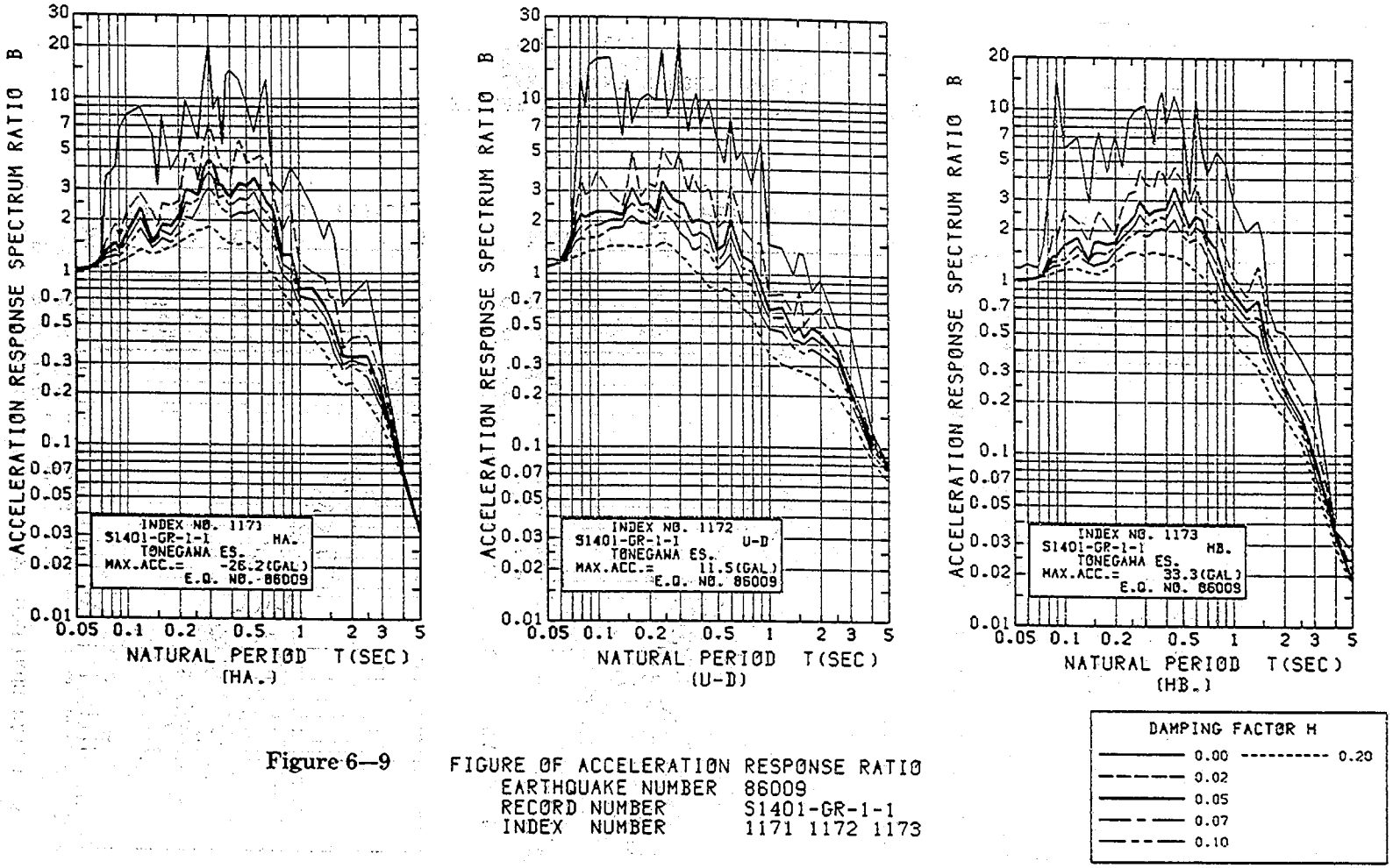


Figure 6—9 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86009
RECORD NUMBER S1401-GR-1-1
INDEX NUMBER 1171 1172 1173

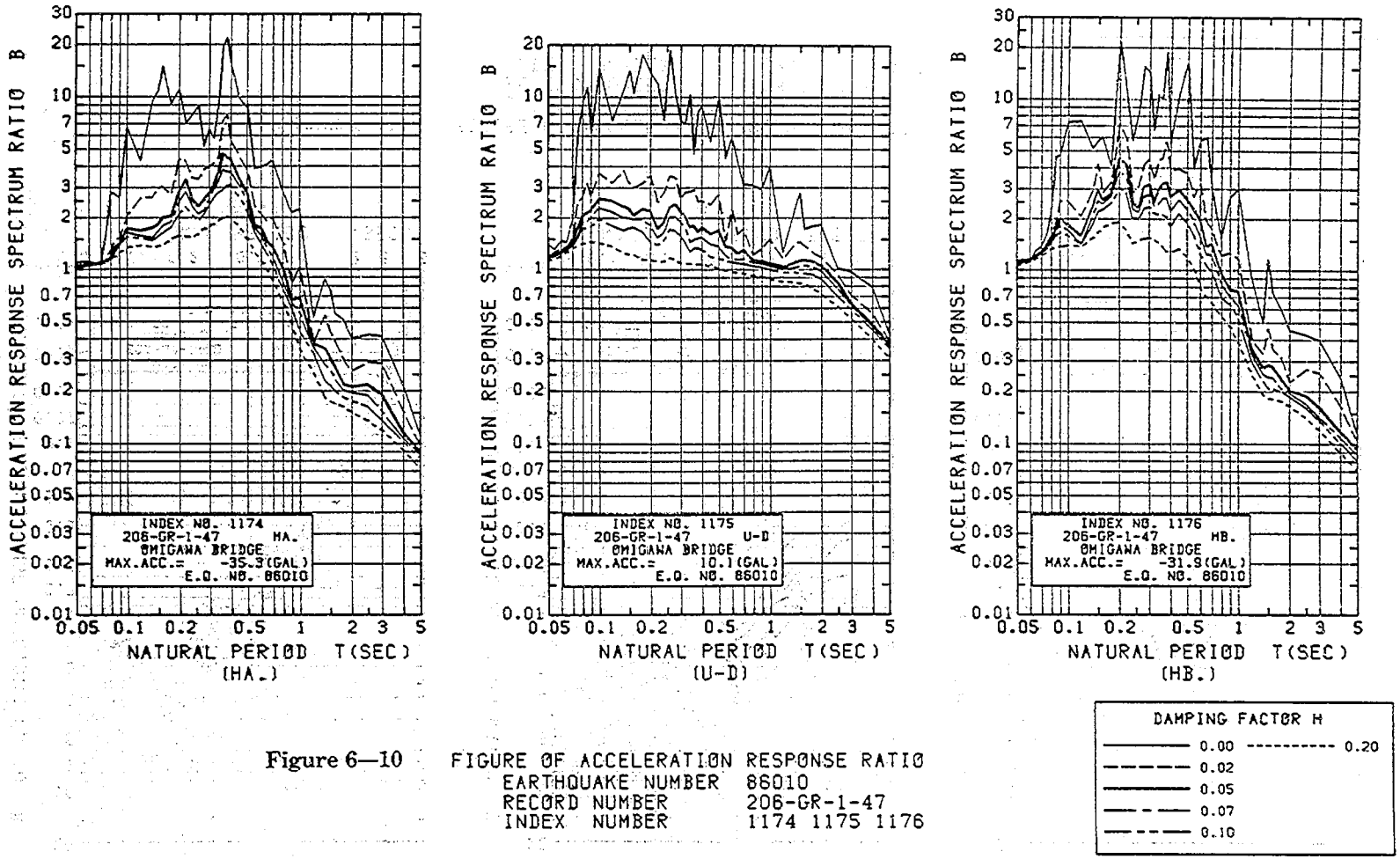


Figure 6—10 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86010
RECORD NUMBER 206-GR-1-47
INDEX NUMBER 1174 1175 1176

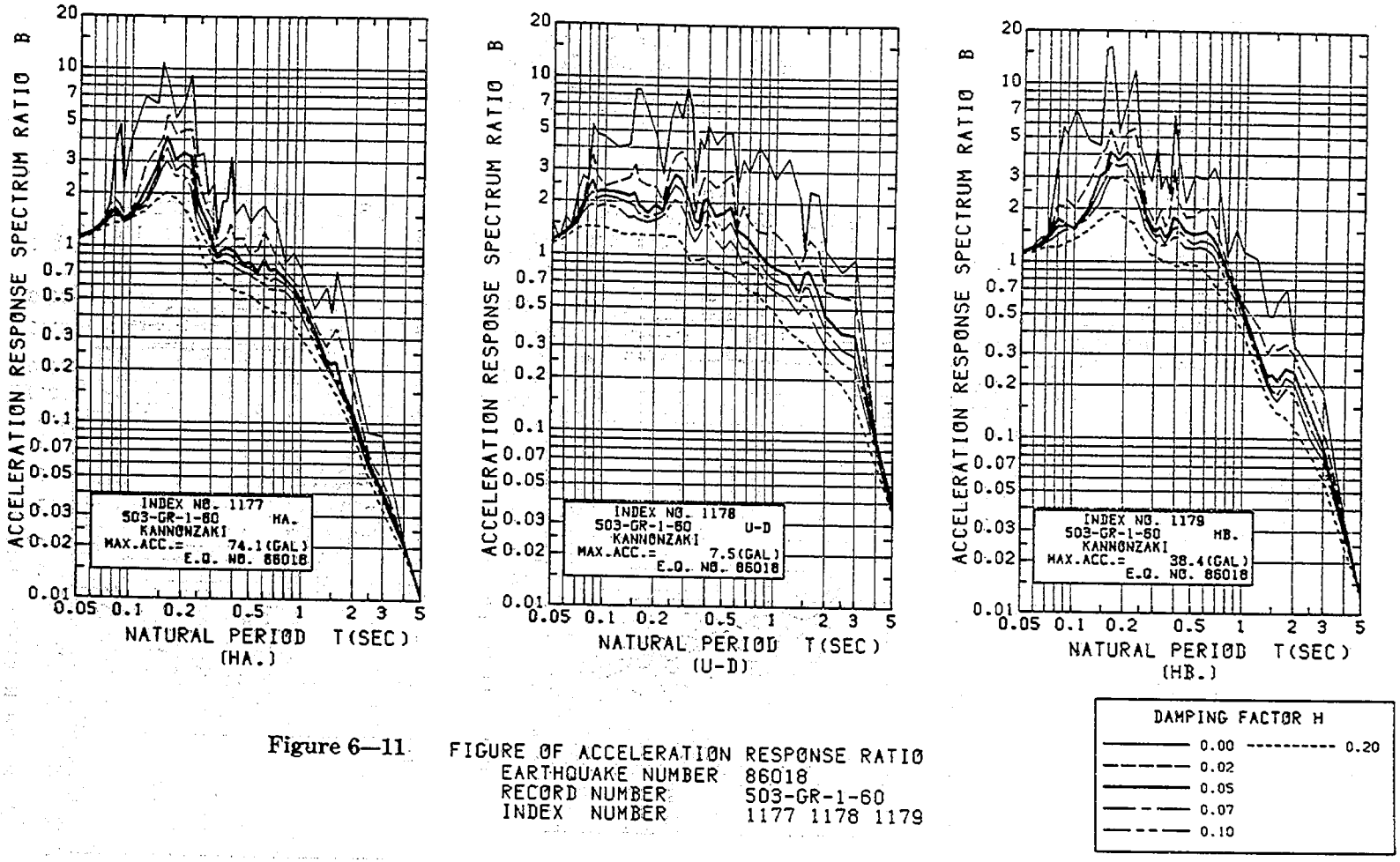


Figure 6—11 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86018
RECORD NUMBER 503-GR-1-60
INDEX NUMBER 1177 1178 1179

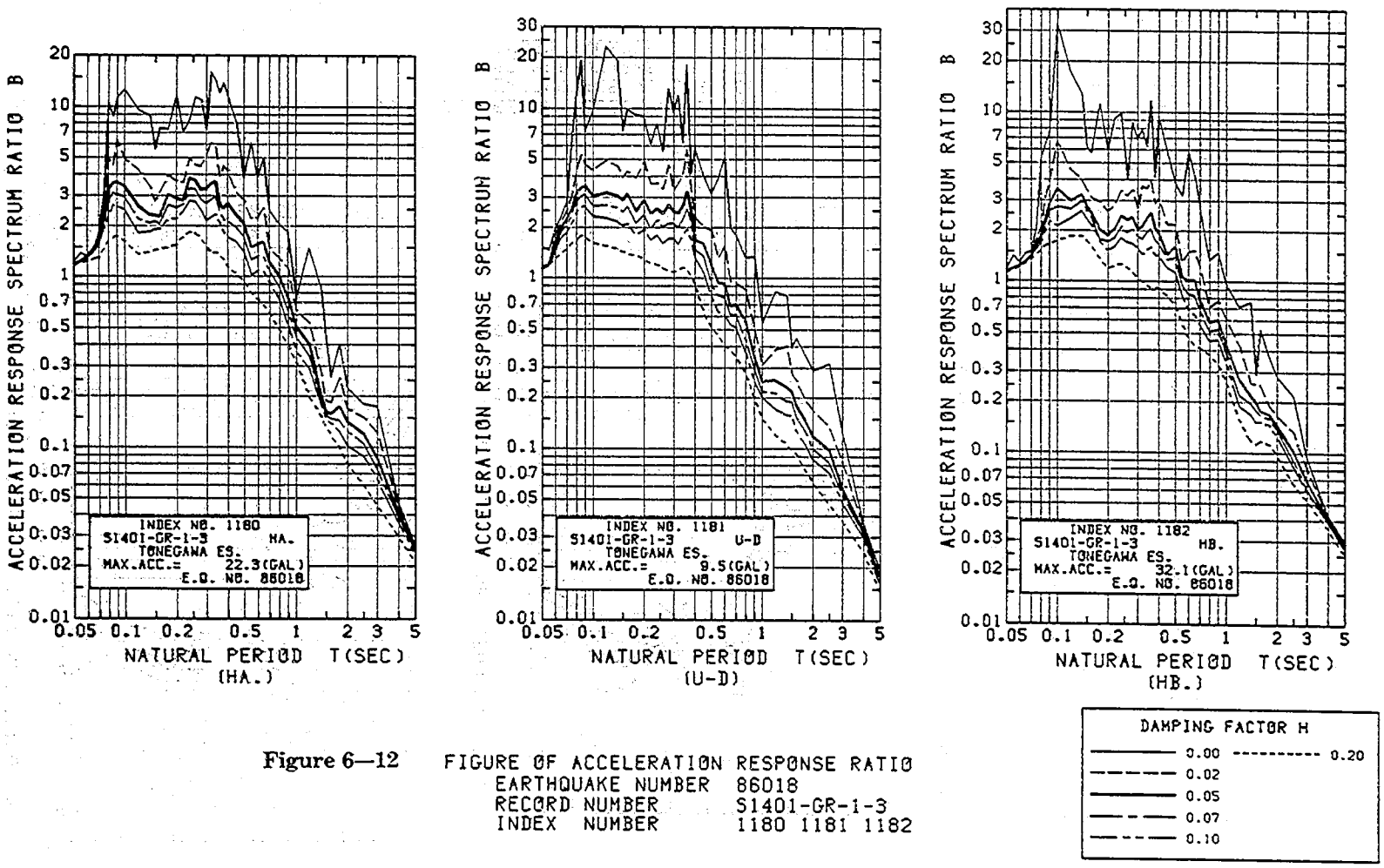


Figure 6—12 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86018
RECORD NUMBER S1401-GR-1-3
INDEX NUMBER 1180 1181 1182

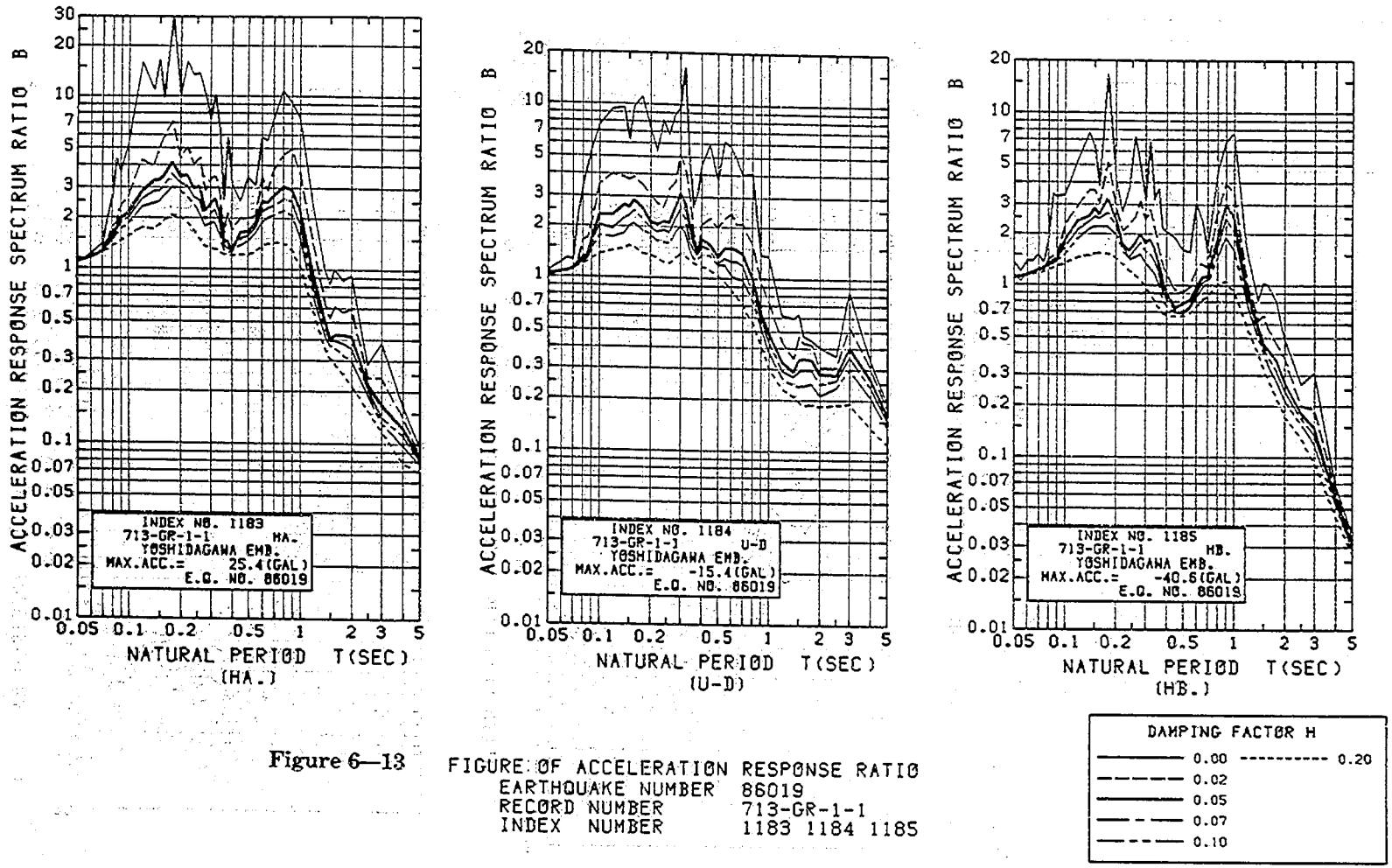
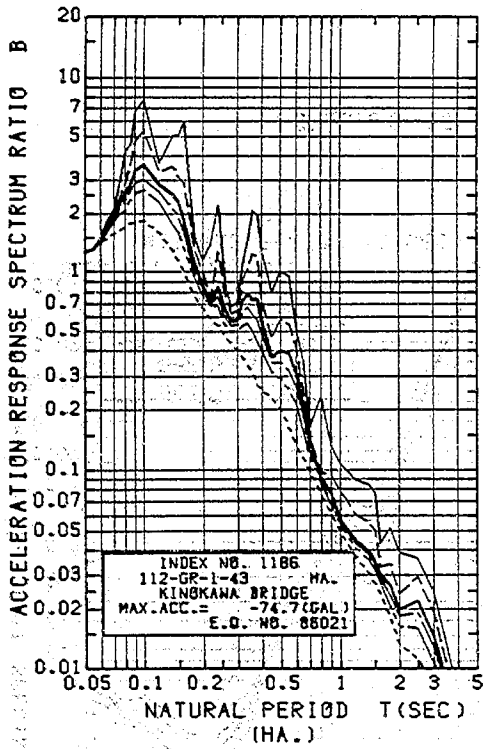


Figure 6—13 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86019
RECORD NUMBER 713-GR-1-1
INDEX NUMBER 1183 1184 1185



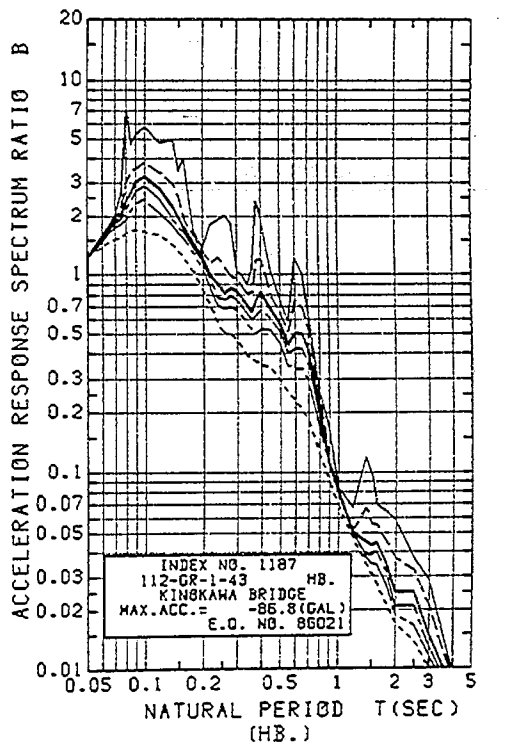
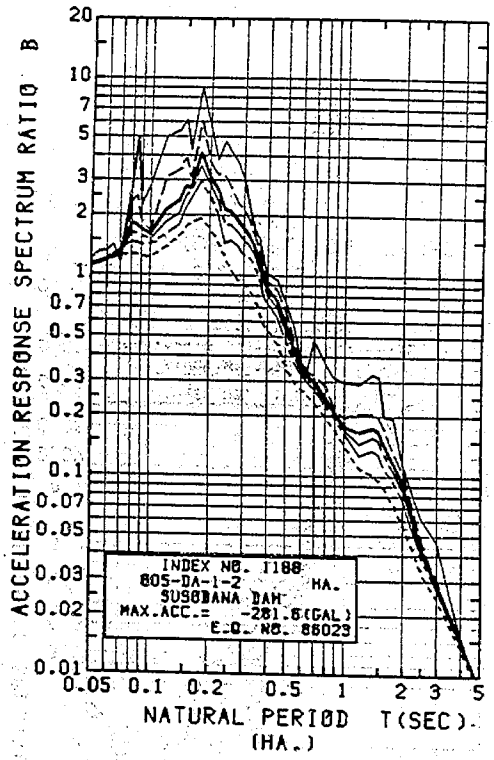


Figure 6—14 FIGURE OF ACCELERATION RESPONSE RATIO

EARTHQUAKE NUMBER	86021	
RECORD NUMBER	112-GR-1-43	
INDEX NUMBER	1186	1187



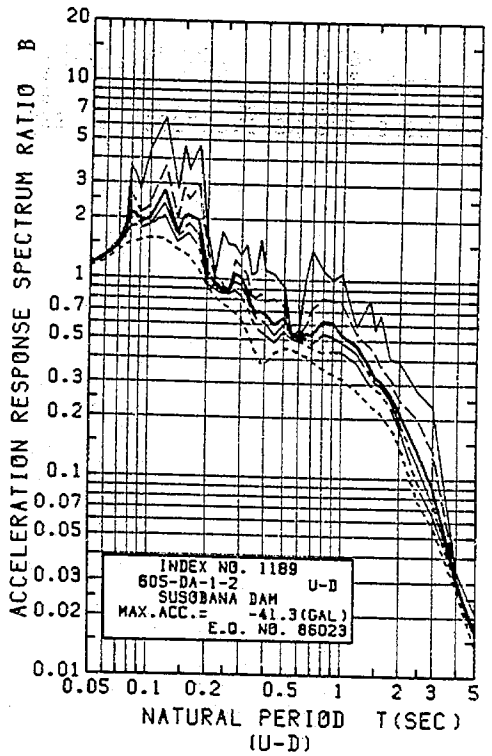
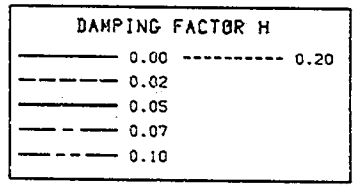


Figure 6—15 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86023
RECORD NUMBER 605-DA-1-2
INDEX NUMBER 1188 1189



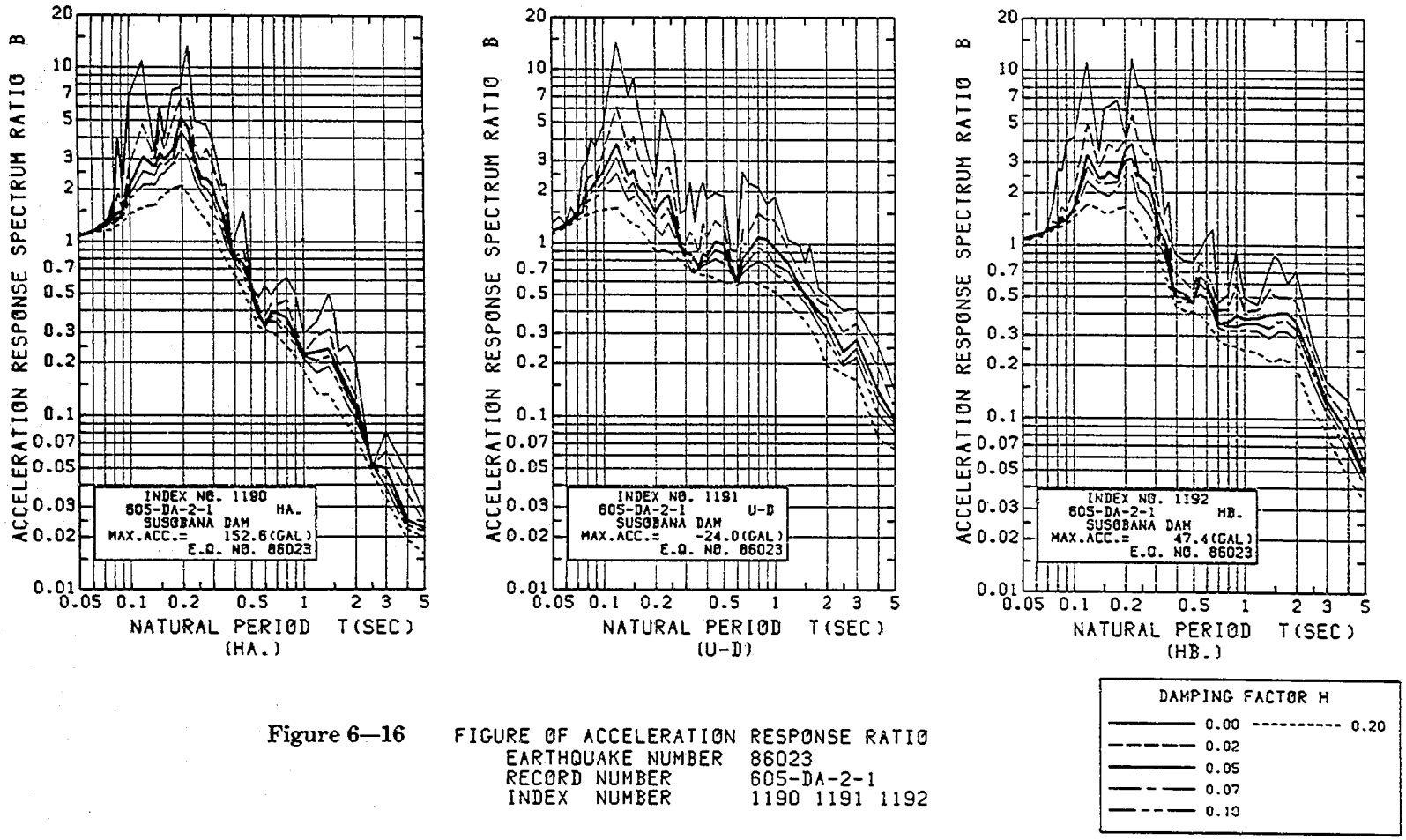


Figure 6—16 FIGURE OF ACCELERATION RESPONSE RATIO
EARTHQUAKE NUMBER 86023
RECORD NUMBER 605-DA-2-1
INDEX NUMBER 1190 1191 1192

7. 強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 7－45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ザ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バンドパスフィルターを施した数値である。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. 1148 503-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.485	-1.233	0.516	2.170	3.124	3.008	1.860	0.030	-1.782	-2.973
11	0.10	-3.167	-2.357	-0.869	0.797	2.166	2.944	3.093	2.768	2.210	1.634
21	0.20	1.157	0.799	0.523	0.286	0.067	-0.131	-0.306	-0.465	-0.618	-0.761
31	0.30	-0.857	-0.844	-0.665	-0.313	0.143	0.571	0.850	0.829	0.584	0.212
41	0.40	-0.119	-0.268	-0.188	0.055	0.324	0.480	0.455	0.278	0.055	-0.101
51	0.50	-0.131	-0.064	0.009	-0.015	-0.184	-0.465	-0.755	-0.933	-0.912	-0.675
61	0.60	-0.271	0.214	0.496	1.109	1.405	1.538	1.461	1.141	0.587	-0.122
71	0.70	-0.862	-1.401	-1.668	-1.598	-1.269	-0.767	-0.215	0.287	0.773	1.286
81	0.80	1.821	2.262	2.389	1.962	0.859	-0.804	-2.649	-4.124	-4.699	-4.978
91	0.90	-2.338	0.070	2.469	4.186	4.781	4.169	2.614	0.597	-1.358	-2.832
101	1.00	-3.596	-3.603	-2.945	-1.802	-0.409	0.960	2.017	2.516	2.321	1.480
111	1.10	0.237	-1.028	-1.926	-2.199	-1.823	-1.009	-0.108	0.535	0.726	0.486
121	1.20	0.018	-0.394	-0.513	-0.238	0.383	1.193	1.998	2.625	2.953	2.907
131	1.30	2.450	1.602	0.453	-0.802	-1.892	-2.526	-2.505	-1.815	-0.676	0.511
141	1.40	1.301	1.370	0.660	-0.588	-1.905	-2.764	-2.776	-1.837	-0.175	1.725
151	1.50	3.280	3.999	3.542	2.291	0.322	-1.719	-3.288	-4.014	-3.809	-2.871
161	1.60	-1.591	-0.378	0.504	1.045	1.454	2.022	2.912	4.000	4.858	4.889
171	1.70	3.628	1.008	-2.489	-5.914	-8.172	-8.439	-6.519	-2.958	1.137	4.516
181	1.80	6.255	6.080	4.410	2.108	0.070	-1.145	-1.493	-1.350	-1.229	-1.467
191	1.90	-2.043	-2.606	-2.701	-2.037	-0.667	1.015	2.465	3.244	3.216	2.585
201	2.00	1.752	1.094	0.771	0.666	0.479	-0.053	-0.990	-2.102	-2.946	-3.070
211	2.10	-2.229	-0.538	1.529	3.287	4.076	3.505	1.603	-1.149	-3.952	-5.914
221	2.20	-6.326	-4.908	-1.929	1.826	5.269	7.337	7.344	5.230	1.008	-2.426
231	2.30	-5.669	-7.223	-6.800	-4.786	-2.042	0.462	2.028	2.461	2.057	1.380
241	2.40	0.944	0.963	1.283	1.514	1.291	0.502	-0.617	-1.578	-1.874	-1.229
251	2.50	0.246	2.027	3.603	4.222	3.615	1.846	-0.662	-3.259	-5.251	-6.070
261	2.60	-5.399	-3.257	-0.008	3.629	6.953	8.971	9.121	7.216	3.589	-0.971
271	2.70	-5.430	-8.799	-10.403	-10.040	-7.967	-4.758	-1.100	2.371	5.157	6.899
281	2.80	7.356	6.413	4.145	0.891	-2.720	-5.864	-7.736	-7.825	-6.119	-3.142
291	2.90	0.216	3.022	4.631	4.889	4.113	2.872	1.690	0.817	0.182	-0.465
301	3.00	-1.310	-2.280	-3.014	-3.032	-2.006	-0.004	2.443	4.504	5.372	4.619
311	3.10	2.394	-0.603	-3.391	-5.077	-5.189	-3.817	-1.532	0.856	2.660	3.437
321	3.20	3.166	2.126	0.739	-0.592	-1.576	-2.061	-1.996	-1.403	-0.375	0.909
331	3.30	2.163	3.034	3.190	2.459	0.936	-0.984	-2.698	-3.587	-3.258	-1.719
341	3.40	0.575	2.847	4.261	4.224	2.624	-0.101	-3.095	-5.368	-6.137	-5.107
351	3.50	-2.571	0.684	3.644	5.405	5.463	3.853	1.108	-1.932	-4.403	-5.668
361	3.60	-5.483	-4.016	-1.758	0.654	2.619	3.725	3.826	3.053	1.741	0.324
371	3.70	-0.796	-1.363	-1.338	-0.900	-0.367	-0.072	-0.219	-0.787	-1.523	-2.028
381	3.80	-1.923	-1.015	0.597	2.533	4.256	5.259	5.250	4.245	2.550	0.633
391	3.90	-1.051	-2.201	-2.737	-2.760	-2.466	-2.030	-1.547	-1.024	-0.433	0.237
401	4.00	0.934	1.556	1.987	2.161	1.999	1.597	1.005	0.298	-0.453	-1.173
411	4.10	-1.760	-2.083	-2.011	-1.466	-0.489	0.735	1.904	2.684	2.830	2.284
421	4.20	1.214	-0.032	-1.042	-1.488	-1.239	-0.411	0.687	1.655	2.147	1.978
431	4.30	1.176	-0.046	-1.368	-2.464	-3.097	-3.165	-2.711	-1.890	-0.913	0.013
441	4.40	0.727	1.145	1.263	1.147	0.904	0.652	0.490	0.472	0.596	0.806
451	4.50	1.010	1.100	0.985	0.619	0.027	-0.696	-1.391	-1.871	-1.966	-1.583
461	4.60	-0.744	0.398	1.580	2.497	2.892	2.635	1.776	0.536	-0.756	-1.776
471	4.70	-2.302	-2.285	-1.846	-1.213	-0.615	-0.196	0.034	0.170	0.337	0.597
481	4.80	0.695	1.074	0.954	0.439	-0.399	-1.315	-1.965	-2.053	-1.460	-0.313
491	4.90	1.045	2.189	2.778	2.681	2.011	1.042	0.060	-0.767	-1.449	-2.110

Table 7—1—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1148 503-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.867	-3.583	-4.022	-3.731	-2.351	0.162	3.402	6.554	8.665	8.908
511	5.10	7.107	3.681	-0.386	-3.919	-6.001	-6.311	-5.210	-3.531	-2.168	-1.655
521	5.20	-1.933	-2.411	-2.301	-1.059	1.272	4.006	6.067	6.455	4.712	1.172
531	5.30	-3.122	-6.810	-8.738	-8.386	-6.028	-2.567	0.859	3.323	4.406	4.237
541	5.40	3.313	2.199	1.270	0.617	0.119	-0.391	-0.961	-1.477	-1.729	-1.552
551	5.50	-0.946	-0.094	0.716	1.236	1.369	1.199	0.919	0.712	0.648	0.660
561	5.60	0.608	0.377	-0.047	-0.567	-1.042	-1.371	-1.551	-1.653	-1.752	-1.838
571	5.70	-1.792	-1.441	-0.673	0.450	1.662	2.571	2.816	2.231	0.920	-0.786
581	5.80	-2.479	-3.830	-4.695	-5.092	-5.098	-4.728	-3.902	-2.514	-0.588	1.602
591	5.90	3.524	4.549	4.225	2.533	-0.025	-2.559	-4.123	-4.102	-2.467	0.216
601	6.00	3.035	5.117	5.974	5.638	4.550	3.268	2.163	1.269	0.346	-0.873
611	6.10	-2.405	-3.887	-4.659	-4.062	-1.788	1.875	6.045	9.517	11.189	10.479
621	6.20	7.547	3.237	-1.224	-4.664	-6.368	-6.183	-4.668	-2.655	-1.000	-0.269
631	6.30	-0.584	-1.654	-2.956	-3.975	-4.398	-4.184	-3.501	-2.575	-1.538	-0.378
641	6.40	0.985	2.527	3.956	4.679	3.980	1.378	-2.977	-8.065	-12.109	-13.069
651	6.50	-9.396	-0.783	11.437	24.443	34.649	38.786	34.950	23.247	5.800	-13.847
661	6.60	-31.699	-44.261	-49.213	-45.787	-36.530	-17.139	3.823	25.148	43.235	54.512
671	6.70	56.099	46.606	26.811	-0.121	-29.089	-54.165	-70.061	-73.484	-63.918	-43.592
681	6.80	-16.699	11.791	37.223	56.267	66.672	67.669	59.511	43.436	21.716	-2.328
691	6.90	-24.587	-40.855	-47.870	-44.368	-31.683	-13.557	4.915	18.877	25.276	23.781
701	7.00	16.702	7.934	1.363	-0.631	2.000	7.114	11.365	11.594	6.072	-4.844
711	7.10	-18.842	-32.415	-41.951	-44.744	-39.665	-27.359	-10.018	9.156	26.631	39.264
721	7.20	44.921	42.920	34.161	20.915	6.248	-6.761	-15.810	-19.899	-19.431	-15.851
731	7.30	-10.995	-6.399	-2.860	-0.379	1.528	3.361	5.246	6.825	7.460	6.629
741	7.40	4.291	1.033	-2.092	-3.960	-3.820	-1.590	2.108	6.177	9.428	10.933
751	7.50	10.257	7.490	3.137	-2.050	-7.246	-11.677	-14.711	-15.966	-15.277	-12.936
761	7.60	-9.444	-5.486	-1.713	1.448	3.879	5.732	7.251	8.567	9.553	9.822
771	7.70	8.884	6.374	2.263	-3.060	-8.852	-14.197	-18.250	-20.203	-19.757	-16.746
781	7.80	-11.348	-4.072	4.200	12.239	18.617	22.001	21.536	17.178	9.832	1.189
791	7.90	-6.704	-12.036	-13.752	-11.842	-7.282	-1.671	3.299	6.333	6.858	5.072
801	8.00	1.780	-1.917	-4.951	-6.568	-6.381	-4.592	-1.716	1.484	4.233	5.950
811	8.10	6.409	5.781	4.539	3.252	2.340	1.902	1.693	1.271	0.251	-1.455
821	8.20	-3.529	-5.347	-6.234	-5.789	-4.096	-1.735	0.436	1.659	1.518	0.314
831	8.30	-1.208	-2.067	-1.471	0.822	4.340	7.992	10.395	10.325	7.141	1.061
841	8.40	-6.817	-14.737	-20.726	-23.109	-20.978	-14.466	-4.756	6.195	16.146	23.123
851	8.50	25.875	24.123	18.528	10.439	1.516	-6.631	-12.717	-15.919	-15.912	-12.857
861	8.60	-7.365	-0.438	6.648	12.550	16.141	16.784	14.515	10.020	4.408	-1.157
871	8.70	-5.802	-9.152	-11.282	-12.493	-13.006	-12.768	-11.468	-8.766	-4.608	0.542
881	8.80	5.705	9.654	11.339	10.296	6.841	1.968	-3.002	-6.865	-8.879	-8.885
891	8.90	-7.184	-4.285	-0.675	3.277	7.253	10.842	13.444	14.336	12.907	8.956
901	9.00	2.923	-4.107	-10.652	-15.256	-16.935	-15.450	-11.321	-5.587	0.565	6.138
911	9.10	10.500	13.365	14.644	14.288	12.238	8.511	3.372	-2.532	-8.182	-12.390
921	9.20	-14.140	-12.942	-9.035	-3.364	2.693	7.727	10.700	11.187	9.409	6.061
931	9.30	2.044	-1.793	-4.828	-6.718	-7.374	-6.910	-5.595	-3.826	-2.081	-0.842
941	9.40	-0.471	-1.085	-2.491	-4.221	-5.673	-6.508	-5.831	-4.259	-1.870	0.933
951	9.50	3.773	6.377	8.551	10.086	10.680	9.965	7.653	3.755	-1.236	-6.332
961	9.60	-10.259	-11.834	-10.382	-6.037	0.287	7.115	12.876	16.354	16.980	14.873
971	9.70	10.680	5.290	-0.403	-5.639	-9.807	-12.412	-13.039	-11.634	-8.221	-3.397
981	9.80	1.921	6.842	9.799	10.834	9.742	7.020	3.449	-0.193	-3.347	-5.742
991	9.90	-7.326	-8.117	-8.107	-7.257	-5.601	-3.362	-0.998	0.895	1.793	1.464

Table 7—1—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1148 S03-GR-1-S8 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.101	-1.731	-3.314	-4.062	-3.751	-2.574	-1.023	0.353	1.175	1.354
1011	10.10	1.054	0.551	0.085	-0.229	-0.376	-0.353	-0.098	0.506	1.547	2.957
1021	10.20	4.655	5.599	5.963	5.339	3.874	2.043	0.455	-0.415	-0.454	0.036
1031	10.30	0.485	0.333	-0.696	-2.456	-4.442	-6.025	-6.720	-6.372	-5.170	-3.494
1041	10.40	-1.714	-0.733	1.468	2.897	3.850	4.289	3.724	1.887	-1.118	-4.695
1051	10.50	-7.860	-9.562	-9.078	-6.330	-1.944	2.968	7.219	9.962	10.932	10.407
1061	10.60	8.961	7.019	4.825	2.230	-0.983	-4.809	-8.801	-12.091	-13.662	-12.768
1071	10.70	-9.303	-3.926	2.114	7.405	10.847	11.986	11.069	8.819	6.064	3.412
1081	10.80	1.098	-0.929	-2.788	-4.446	-5.637	-5.978	-5.195	-3.335	-0.836	1.617
1091	10.90	3.373	4.104	3.950	3.425	3.145	3.486	4.365	5.243	5.373	4.163
1101	11.00	1.697	-2.145	-5.837	-8.545	-9.514	-8.539	-6.005	-2.704	0.472	2.831
1111	11.10	4.069	4.160	3.425	2.161	0.627	-1.002	-2.577	-3.916	-4.788	-4.974
1121	11.20	-4.370	-3.079	-1.421	0.151	1.206	1.486	0.989	-0.049	-1.259	-2.280
1131	11.30	-2.866	-2.913	-2.422	-1.425	0.057	2.004	4.328	6.801	9.024	10.493
1141	11.40	10.735	9.487	6.818	3.157	-0.812	-4.351	-6.882	-8.141	-8.219	-7.468
1151	11.50	-6.332	-5.169	-4.134	-3.165	-2.067	-0.654	1.122	3.097	4.919	6.152
1161	11.60	6.422	5.567	3.706	1.242	-1.250	-3.180	-4.122	-3.960	-2.826	-1.220
1171	11.70	0.321	1.329	1.561	1.059	0.099	-0.961	-1.741	-2.151	-2.213	-2.095
1181	11.80	-1.966	-1.333	-1.798	-1.514	-0.902	-0.037	1.111	1.980	2.286	1.808
1191	11.90	0.564	-1.177	-2.982	-4.401	-5.099	-4.920	-3.879	-2.102	0.225	2.874
1201	12.00	5.547	7.837	9.248	9.298	7.691	4.487	0.196	-4.289	-7.918	-9.792
1211	12.10	-9.452	-7.013	-3.114	1.305	5.306	8.198	9.656	9.689	8.508	6.386
1221	12.20	3.589	0.362	-2.907	-5.861	-7.910	-8.639	-7.753	-5.290	-1.638	2.553
1231	12.30	6.522	9.568	11.169	11.037	9.115	5.574	0.820	-4.693	-9.495	-13.209
1241	12.40	-14.793	-13.702	-10.103	-4.222	1.214	6.356	9.641	10.611	9.492	7.023
1251	12.50	4.102	1.422	-0.745	-2.520	-4.175	-5.833	-7.258	-7.877	-7.039	-4.378
1261	12.60	-0.123	4.835	9.163	11.532	11.107	7.876	2.677	-3.083	-7.907	-10.686
1271	12.70	-11.001	-9.146	-5.907	-2.211	1.185	3.856	5.690	6.741	7.065	6.651
1281	12.80	5.466	3.580	1.287	-0.883	-2.287	-2.397	-1.034	1.518	4.563	7.220
1291	12.90	8.725	8.683	7.167	4.624	1.653	-1.246	-3.822	-6.063	-8.052	-9.784
1301	13.00	-11.045	-11.453	-10.631	-8.450	-5.185	-1.515	1.673	3.595	3.856	2.583
1311	13.10	0.366	-2.014	-3.872	-4.848	-4.944	-4.397	-3.457	-2.217	-0.585	1.587
1321	13.20	4.298	7.231	9.740	11.035	10.472	7.849	3.561	-1.568	-6.353	-9.790
1331	13.30	-11.242	-10.585	-8.148	-4.533	-0.402	3.663	7.210	9.893	11.436	11.642
1341	13.40	10.456	8.030	4.758	1.206	-2.031	-4.496	-5.994	-6.596	-6.542	-6.076
1351	13.50	-5.319	-4.233	-2.712	-0.724	1.551	3.698	5.170	5.490	4.462	2.285
1361	13.60	-0.484	-3.112	-4.943	-5.611	-5.163	-3.904	-2.424	-1.193	-0.503	-0.391
1371	13.70	-0.684	1.113	-1.424	-1.452	-1.133	-0.679	0.450	1.558	2.698	3.656
1381	13.80	4.167	3.975	2.933	1.103	-1.194	-3.619	-4.934	-5.252	-4.119	-1.722
1391	13.90	1.386	4.430	6.644	7.514	6.931	5.203	2.943	0.841	-0.554	-1.005
1401	14.00	-0.628	0.190	0.952	1.233	0.821	-0.237	-1.678	-3.127	-4.223	-4.727
1411	14.10	-4.565	-3.836	-2.753	-1.586	-0.576	0.099	0.376	0.302	0.007	-0.331
1421	14.20	-0.547	-0.528	-0.244	0.262	0.899	1.569	2.200	2.754	3.209	3.535
1431	14.30	3.670	3.531	3.043	2.193	1.067	0.148	-1.209	-1.898	-2.098	-1.841
1441	14.40	-1.302	-0.731	-0.367	-0.356	-0.708	-1.319	-2.021	-2.653	-3.105	-3.341
1451	14.50	-3.372	-3.231	-2.945	-2.527	-1.993	-1.371	-0.711	-0.065	0.525	1.054
1461	14.60	1.551	2.050	2.562	3.040	3.378	3.439	3.104	2.329	1.182	-0.168
1471	14.70	-1.485	-2.535	-3.151	-3.272	-2.958	-2.357	-1.656	-1.017	-0.536	-0.203
1481	14.80	0.065	0.410	0.962	1.789	2.858	4.037	5.126	5.924	6.290	6.190
1491	14.90	5.692	4.930	4.038	3.096	2.108	1.026	-0.196	-1.539	-2.891	-4.063

Table 7—1—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1148 S03-GR-1-S8 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-5.104	-4.811	-4.088	-3.153	-2.250	-1.575	-1.226	-1.199	-1.425
1511	15.10	-1.807	-2.257	-2.701	-3.069	-3.276	-3.234	-2.870	-2.165	-1.182	-0.053
1521	15.20	1.062	2.038	2.838	3.518	4.187	4.929	5.723	6.415	6.752	6.479
1531	15.30	5.452	3.725	1.565	-0.621	-2.418	-3.562	-3.929	-3.743	-3.299	-2.936
1541	15.40	-2.385	-3.196	-3.741	-4.281	-4.569	-4.447	-3.895	-3.020	-2.008	-1.047
1551	15.50	-0.267	0.279	0.615	0.802	0.906	0.969	1.007	1.014	0.979	0.893
1561	15.60	0.753	0.562	0.323	0.085	-0.249	-0.511	-0.672	-0.656	-0.402	0.114
1571	15.70	0.856	1.738	2.644	3.461	4.107	4.562	4.760	4.760	4.524	4.003
1581	15.80	3.134	1.875	0.227	-1.628	-3.530	-5.172	-6.263	-6.585	-6.053	-4.745
1591	15.90	-2.892	-0.829	1.079	2.514	3.269	3.283	2.639	1.535	0.227	-1.032
1601	16.00	-2.048	-2.713	-3.006	-2.965	-2.645	-2.084	-1.285	-0.228	1.085	2.593
1611	16.10	4.147	5.517	6.439	6.690	6.160	4.897	3.113	1.129	-0.698	-2.073
1621	16.20	-2.823	-2.938	-2.551	-1.898	-1.250	-0.850	-0.859	-1.323	-2.162	-3.185
1631	16.30	-4.123	-4.687	-4.640	-3.853	-2.363	-0.371	1.788	3.720	5.069	5.607
1641	16.40	5.281	4.225	2.708	1.056	-0.435	-1.557	-2.223	-2.446	-2.299	-1.872
1651	16.50	-1.238	-0.453	0.430	1.333	2.145	2.733	2.982	2.840	2.355	1.670
1661	16.60	0.986	0.494	0.303	0.400	0.651	0.856	0.892	0.456	0.238	-0.141
1671	16.70	-2.091	-2.949	-3.647	-4.188	-4.604	-4.900	-5.008	-4.795	-4.121	-2.924
1681	16.80	-1.287	0.544	2.215	3.386	3.847	3.610	2.902	2.080	1.486	1.308
1691	16.90	1.508	1.838	1.955	1.576	0.608	-0.792	-2.262	-3.366	-3.744	-3.253
1701	17.00	-2.013	-0.364	1.244	2.402	2.854	2.559	1.671	0.464	-0.764	-1.773
1711	17.10	-2.423	-2.678	-2.573	-2.184	-1.591	-0.876	-0.120	0.600	1.212	1.674
1721	17.20	1.983	2.185	2.342	2.502	2.649	2.685	2.454	1.804	0.683	-0.815
1731	17.30	-2.410	-3.705	-4.299	-3.929	-2.576	-0.499	1.829	3.854	5.108	5.335
1741	17.40	4.548	2.991	1.043	-0.904	-2.540	-3.683	-4.269	-4.316	-3.886	-3.063
1751	17.50	-1.957	-0.712	0.490	1.461	2.045	2.165	1.850	1.227	0.477	-0.223
1761	17.60	-0.748	-1.048	-1.141	-1.077	-0.904	-0.649	-0.323	0.058	0.449	0.764
1771	17.70	0.891	0.730	0.233	-0.561	-1.514	-2.414	-3.026	-3.148	-2.686	-1.671
1781	17.80	-0.275	1.234	2.552	3.425	3.713	3.431	2.741	1.895	1.158	0.717
1791	17.90	0.634	0.828	1.121	1.304	1.221	0.811	0.129	-0.689	-1.474	-2.079
1801	18.00	-2.412	-2.447	-2.215	-1.779	-1.220	-0.625	-0.076	0.351	0.611	0.692
1811	18.10	0.628	0.489	0.351	0.260	0.210	0.136	-0.053	-0.431	-1.001	-1.675
1821	18.20	-2.290	-2.659	-2.644	-2.209	-1.438	-0.505	0.387	1.079	1.505	1.694
1831	18.30	1.740	1.744	1.766	1.813	1.847	1.830	1.758	1.674	1.648	1.733
1841	18.40	1.924	2.139	2.235	2.067	1.544	0.682	-0.395	-1.490	-2.403	-2.996
1851	18.50	-3.231	-3.173	-2.940	-2.655	-2.391	-2.162	-1.939	-1.687	-1.394	-1.087
1861	18.60	-0.801	-0.554	-0.312	0.008	0.499	1.210	2.095	2.999	3.691	3.941
1871	18.70	3.602	2.665	1.270	-0.349	-1.934	-3.285	-4.292	-4.927	-5.189	-5.109
1881	18.80	-4.631	-3.733	-2.426	-0.814	0.890	2.402	3.452	3.869	3.644	2.921
1891	18.90	1.965	1.037	0.330	-0.083	-0.229	-0.184	-0.010	0.279	0.708	1.297
1901	19.00	2.015	2.752	3.366	3.632	3.512	3.001	2.216	1.341	0.556	-0.021
1911	19.10	-0.360	-0.500	-0.517	-0.480	-0.429	-0.380	-0.339	-0.320	-0.345	-0.429
1921	19.20	-0.564	-0.713	-0.822	-0.869	-0.788	-0.680	-0.586	-0.556	-0.582	-0.614
1931	19.30	-0.570	-0.402	-0.141	0.093	0.129	-0.169	-0.818	-1.668	-2.432	-2.780
1941	19.40	-2.470	-1.449	0.106	1.850	3.385	4.396	4.747	4.492	3.815	2.929
1951	19.50	1.987	1.052	0.121	-0.810	-1.687	-2.387	-2.761	-2.704	-2.225	-1.465
1961	19.60	-0.652	-0.017	0.293	0.264	-0.005	-0.369	-0.718	-1.027	-1.347	-1.749
1971	19.70	-2.249	-2.757	-3.097	-3.074	-2.574	-1.635	-0.452	0.693	1.541	1.962
1981	19.80	2.002	1.850	1.731	1.800	2.054	2.344	2.447	2.182	1.508	0.557
1991	19.90	-0.415	-1.133	-1.417	-1.249	-0.773	-0.221	0.185	0.321	0.200	-0.059

Table 7—1—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1148 S03-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.286	-0.342	-0.159	0.248	0.800	1.390	1.907	2.246	2.314	2.035
2011	20.10	1.374	0.369	-0.847	-2.055	-2.995	-3.448	-3.313	-2.648	-1.662	-0.660
2021	20.20	0.162	0.602	0.690	0.556	0.372	0.262	0.251	0.272	0.226	0.065
2031	20.30	-0.165	-0.324	-0.253	0.132	0.770	1.448	1.862	1.743	0.968	-0.372
2041	20.40	-1.993	-3.513	-4.575	-4.960	-4.633	-3.720	-2.435	-1.003	0.396	1.629
2051	20.50	2.594	3.187	3.303	2.872	1.907	0.546	-0.953	-2.272	-3.124	-3.349
2061	20.60	-2.966	-2.148	-1.169	-0.280	0.365	0.743	0.939	1.077	1.246	1.465
2071	20.70	1.686	1.842	1.900	1.901	1.961	2.130	2.526	3.076	3.628	3.954
2081	20.80	3.837	3.142	1.875	0.187	-1.661	-3.368	-4.863	-5.358	-5.375	-4.745
2091	20.90	-3.580	-2.048	-0.350	1.302	2.701	3.666	4.070	3.864	3.104	1.944
2101	21.00	0.621	-0.603	-1.496	-1.923	-1.869	-1.445	-0.836	-0.242	0.186	0.386
2111	21.10	0.387	0.272	0.128	-0.002	-0.134	-0.325	-0.626	-1.040	-1.497	-1.869
2121	21.20	-2.013	-1.833	-1.321	-0.566	0.287	1.072	1.674	2.050	2.223	2.243
2131	21.30	2.151	1.948	1.608	1.100	0.430	-0.342	-1.103	-1.726	-2.098	-2.175
2141	21.40	-1.964	-1.522	-0.919	-0.217	0.534	1.279	1.941	2.408	2.559	2.298
2151	21.50	1.601	0.859	0.082	-0.681	-2.292	-3.281	-3.881	-3.101	-2.588	-1.958
2161	21.60	-1.323	-0.722	-0.168	0.329	0.741	1.015	1.090	0.929	0.545	0.008
2171	21.70	-0.567	-1.047	-1.320	-1.314	-1.019	-0.477	0.225	0.969	1.624	2.066
2181	21.80	2.198	1.971	1.405	0.581	-0.366	-1.281	-2.026	-2.506	-2.679	-2.549
2191	21.90	-2.148	-1.516	-0.698	0.247	1.229	2.123	2.779	3.057	2.875	2.243
2201	22.00	1.280	0.186	-0.810	-1.516	-1.828	-1.750	-1.373	-0.836	-0.266	0.266
2211	22.10	0.657	0.959	1.196	1.354	1.447	1.477	1.457	1.413	1.384	1.402
2221	22.20	1.480	1.605	1.745	1.863	1.935	1.959	1.947	1.907	1.826	1.663
2231	22.30	1.362	0.880	0.216	-0.570	-1.363	-2.019	-2.414	-2.484	-2.240	-1.773
2241	22.40	-1.213	-0.697	-0.328	-0.159	-0.191	-0.390	-0.708	-1.094	-1.561	-1.884
2251	22.50	-2.193	-2.384	-2.423	-2.307	-2.065	-1.758	-1.451	-1.195	-0.996	-0.804
2261	22.60	-0.548	-0.143	0.455	1.218	2.059	2.834	3.391	3.617	3.470	2.992
2271	22.70	2.293	1.522	0.820	0.291	-0.013	-0.098	-0.014	0.169	0.374	0.535
2281	22.80	0.606	0.566	0.424	0.206	-0.044	-0.284	-0.482	-0.627	-0.731	-0.817
2291	22.90	-0.913	-1.028	-1.156	-1.270	-1.335	-1.324	-1.231	-1.070	-0.877	-0.696
2301	23.00	-0.568	-0.522	-0.569	-0.698	-0.874	-1.033	-1.090	-0.944	-0.514	0.238
2311	23.10	1.267	2.442	3.554	4.370	4.694	4.436	3.638	2.472	1.186	0.025
2321	23.20	-0.835	-1.333	-1.524	-1.531	-1.496	-1.516	-1.625	-1.792	-1.948	-2.025
2331	23.30	-1.973	-1.774	-1.433	-0.972	-0.426	0.156	0.707	1.144	1.382	1.365
2341	23.40	1.085	0.599	0.014	-0.561	-0.953	-1.162	-1.171	-1.035	-0.836	-0.655
2351	23.50	-0.545	-0.519	-0.603	-0.740	-0.896	-1.009	-1.004	-0.806	-0.562	-0.327
2361	23.60	1.169	2.082	2.829	3.268	3.303	2.939	2.270	1.440	0.583	-0.219
2371	23.70	-0.953	-1.649	-2.328	-2.960	-3.445	-3.639	-3.417	-2.733	-1.668	-0.416
2381	23.80	0.769	1.647	2.076	2.048	1.679	1.161	0.693	0.418	0.391	0.585
2391	23.90	0.916	1.283	1.592	1.778	1.799	1.641	1.307	0.829	0.262	-0.310
2401	24.00	-0.797	-1.117	-1.224	-1.123	-0.866	-0.534	-0.210	0.048	0.227	0.347
2411	24.10	0.451	0.570	0.701	0.802	0.800	0.616	0.204	-0.431	-1.214	-2.018
2421	24.20	-2.691	-3.098	-3.157	-2.862	-2.288	-1.561	-0.833	-0.234	0.150	0.301
2431	24.30	0.255	0.085	-0.122	-0.299	-0.407	-0.441	-0.423	-0.385	-0.356	-0.344
2441	24.40	-0.336	-0.306	-0.222	-0.067	0.151	0.396	0.609	0.729	0.720	0.584
2451	24.50	0.370	0.162	0.054	0.114	0.361	0.754	1.206	1.611	1.881	1.969
2461	24.60	1.878	1.651	1.346	1.015	0.687	0.371	0.062	-0.236	-0.512	-0.737
2471	24.70	-0.883	-0.926	-0.860	-0.690	-0.438	-0.130	0.200	0.506	0.733	0.813
2481	24.80	0.686	0.320	-0.265	-0.987	-1.712	-2.282	-2.563	-2.483	-2.058	-1.385
2491	24.90	-0.616	0.093	0.619	0.904	0.956	0.839	0.639	0.442	0.310	0.279

Table 7—1—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1148 S03-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.350	0.505	0.708	0.917	1.090	1.194	1.211	1.141	1.002	0.819
2511	25.10	0.623	0.437	0.277	0.153	0.075	0.055	0.105	0.228	0.416	0.638
2521	25.20	0.848	0.996	1.043	0.974	0.802	0.559	0.279	-0.019	-0.340	-0.710
2531	25.30	-1.162	-1.712	-2.343	-2.995	-3.573	-3.966	-4.080	-3.856	-3.298	-2.468
2541	25.40	-1.485	-0.496	0.347	0.923	1.166	1.083	0.752	0.310	-0.080	-0.262
2551	25.50	-0.133	0.339	1.105	2.045	2.992	3.799	4.321	4.493	4.310	3.822
2561	25.60	3.115	2.287	1.424	0.593	-0.155	-0.781	-1.248	-1.525	-1.594	-1.444
2571	25.70	-1.182	-0.835	-0.528	-0.356	-0.368	-0.544	-0.800	-1.021	-1.104	-1.012
2581	25.80	-0.791	-0.556	-0.441	-0.531	-0.814	-1.165	-1.386	-1.279	-0.730	0.232
2591	25.90	1.437	2.625	3.530	3.972	3.908	3.431	2.720	1.970	1.323	0.839
2601	26.00	0.506	0.276	0.103	-0.025	-0.098	-0.098	-0.029	0.071	0.143	0.126
2611	26.10	-0.019	-0.292	-0.666	-1.102	-1.564	-2.029	-2.477	-2.871	-3.151	-3.240
2621	26.20	-3.075	-2.635	-1.968	-1.187	-0.459	0.144	0.693	0.616	0.586	0.500
2631	26.30	0.432	0.600	0.372	0.294	0.133	-0.099	-0.339	-0.501	-0.520	-0.386
2641	26.40	-0.143	0.126	0.340	0.459	0.494	0.493	0.505	0.547	0.594	0.585
2651	26.50	0.465	0.218	-0.116	-0.448	-0.676	-0.728	-0.591	-0.314	0.014	0.304
2661	26.60	0.494	0.573	0.564	0.511	0.450	0.397	0.352	0.304	0.250	0.194
2671	26.70	0.147	0.121	0.123	0.161	0.248	0.403	0.647	0.977	1.351	1.673
2681	26.80	1.813	1.666	1.105	0.230	-0.827	-1.832	-2.536	-2.764	-2.471	-1.762
2691	26.90	-0.847	0.026	0.658	0.955	0.941	0.723	0.440	0.200	0.051	-0.019
2701	27.00	-0.054	-0.103	-0.190	-0.308	-0.437	-0.551	-0.638	-0.696	-0.731	-0.742
2711	27.10	-0.725	-0.676	-0.598	-0.509	-0.438	-0.411	-0.434	-0.489	-0.532	-0.518
2721	27.20	-0.416	-0.229	0.001	0.212	0.345	0.367	0.285	0.139	-0.012	-0.115
2731	27.30	-0.145	-0.107	-0.032	0.038	0.070	0.048	-0.019	-0.103	-0.172	-0.198
2741	27.40	-0.168	-0.095	-0.009	0.043	0.017	-0.115	-0.351	-0.654	-0.961	-1.201
2751	27.50	-1.318	-1.296	-1.160	-0.975	-0.817	-0.751	-0.804	-0.960	-1.163	-1.340
2761	27.60	-1.423	-1.533	-1.545	-0.787	-0.329	0.176	0.704	1.104	1.412	1.673
2771	27.70	1.806	1.872	1.909	1.948	1.996	2.038	2.039	1.964	1.799	1.560
2781	27.80	1.295	1.058	0.890	0.794	0.734	0.666	0.471	0.181	-0.201	-0.611
2791	27.90	-0.965	-1.188	-1.249	-1.159	-0.972	-0.754	-0.561	-0.422	-0.339	-0.294
2801	28.00	-0.262	-0.229	-0.195	-0.166	-0.157	-0.175	-0.220	-0.283	-0.346	-0.394
2811	28.10	-0.413	-0.398	-0.357	-0.310	-0.280	-0.285	-0.324	-0.367	-0.361	-0.249
2821	28.20	0.009	0.412	0.902	1.381	1.743	1.905	1.846	1.612	1.295	1.000
2831	28.30	0.801	0.716	0.715	0.737	0.731	0.676	0.590	0.508	0.444	0.430
2841	28.40	0.470	0.453	0.374	0.227	0.035	-0.159	-0.321	-0.441	-0.533	-0.628
2851	28.50	-0.746	-0.888	-1.036	-1.169	-1.282	-1.400	-1.561	-1.795	-2.089	-2.368
2861	28.60	-2.512	-2.390	-1.919	-1.101	-0.044	1.070	2.056	2.686	2.934	2.791
2871	28.70	2.342	1.715	1.041	0.427	-0.049	-0.337	-0.411	-0.275	0.040	0.465
2881	28.80	0.910	1.284	1.519	1.591	1.519	1.351	1.128	0.862	0.532	0.100
2891	28.90	-0.453	-1.095	-1.736	-2.239	-2.477	-2.372	-1.935	-1.265	-0.520	0.139
2901	29.00	0.592	0.790	0.752	0.542	0.232	-0.116	-0.462	-0.777	-1.028	-1.175
2911	29.10	-1.177	-1.006	-0.668	-0.206	0.299	0.759	1.093	1.253	1.224	1.023
2921	29.20	0.689	0.272	-0.169	-0.568	-0.854	-0.965	-0.858	-0.531	-0.035	0.538
2931	29.30	1.073	1.462	1.634	1.573	1.315	0.930	0.504	0.108	-0.202	-0.395
2941	29.40	-0.456	-0.388	-0.208	0.053	0.345	0.614	0.816	0.927	0.961	0.952
2951	29.50	0.946	0.966	0.998	0.991	0.873	0.588	0.125	-0.460	-1.060	-1.544
2961	29.60	-1.803	-1.785	-1.512	-1.067	-0.571	-0.135	0.160	0.286	0.247	0.091
2971	29.70	-0.131	-0.369	-0.578	-0.721	-0.770	-0.713	-0.556	-0.325	-0.064	0.175
2981	29.80	0.368	0.428	0.406	0.291	0.097	-0.157	-0.450	-0.754	-1.025	-1.207
2991	29.90	-1.245	-1.108	-0.807	-0.407	-0.013	0.264	0.347	0.226	-0.039	-0.336

Table 7—1—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1148 503-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.550	-0.607	-0.507	-0.315	-0.127	-0.024	-0.029	-0.099	-0.148	-0.094
3011	30.10	0.092	0.361	0.605	0.700	0.567	0.211	-0.272	-0.731	-1.022	-1.064
3021	30.20	-0.874	-0.554	-0.244	-0.060	-0.052	-0.187	-0.375	-0.517	-0.555	-0.490
3031	30.30	-0.380	-0.300	-0.303	-0.391	-0.513	-0.594	-0.575	-0.438	-0.218	0.015
3041	30.40	0.194	0.282	0.293	0.276	0.295	0.388	0.557	0.757	0.930	1.023
3051	30.50	1.019	0.960	0.836	0.756	0.727	0.738	0.745	0.694	0.562	0.281
3061	30.60	-0.061	-0.425	-0.747	-0.972	-1.076	-1.061	-0.955	-0.795	-0.611	-0.423
3071	30.70	-0.239	-0.063	0.099	0.226	0.289	0.248	0.073	-0.245	-0.681	-1.170
3081	30.80	-1.621	-1.934	-2.028	-1.861	-1.452	-0.871	-0.226	0.366	0.815	1.074
3091	30.90	1.149	1.089	0.962	0.828	0.727	0.663	0.620	9.572	0.501	0.409
3101	31.00	0.316	0.252	0.243	0.301	0.416	0.563	0.711	0.835	0.926	0.990
3111	31.10	1.040	1.092	1.146	1.190	1.199	1.148	1.022	0.830	0.604	0.388
3121	31.20	0.227	0.142	0.127	0.139	0.120	0.012	-0.219	-0.563	-0.966	-1.346
3131	31.30	-1.612	-1.699	-1.587	-1.312	-0.949	-0.594	-0.324	-0.176	-0.136	-0.149
3141	31.40	-0.168	-0.081	0.059	0.240	0.402	0.494	0.506	0.478	0.487	0.613
3151	31.50	0.890	1.276	1.655	1.873	1.805	1.410	0.765	0.047	-0.526	-0.778
3161	31.60	-0.646	-0.204	0.363	0.834	1.041	0.921	0.560	0.047	-0.393	-0.669
3171	31.70	-0.754	-0.703	-0.602	-0.520	-0.473	-0.422	-0.310	-0.103	0.181	0.473
3181	31.80	0.681	0.739	0.633	0.412	0.157	-0.057	-0.196	-0.277	-0.345	-0.444
3191	31.90	-0.580	-0.716	-0.790	-0.747	-0.578	-0.323	-0.062	0.127	0.199	0.162
3201	32.00	0.068	-0.022	-0.063	-0.053	-0.023	-0.016	-0.052	-0.119	-0.174	-0.168
3211	32.10	-0.076	0.086	0.268	0.409	0.468	0.444	0.372	0.300	0.264	0.265
3221	32.20	0.274	0.248	0.163	0.031	-0.101	-0.176	-0.154	-0.035	0.135	0.291
3231	32.30	0.377	0.377	0.321	0.267	0.272	0.356	0.494	0.625	0.683	0.630
3241	32.40	0.472	0.254	0.041	-0.120	-0.213	-0.258	-0.297	-0.363	-0.467	-0.592
3251	32.50	-0.706	-0.784	-0.820	-0.829	-0.833	-0.842	-0.841	-0.796	-0.659	-0.415
3261	32.60	-0.080	0.289	0.613	0.820	0.870	0.766	0.553	0.292	0.037	-0.183
3271	32.70	-0.365	-0.519	-0.659	-0.785	-0.883	-0.940	-0.949	-0.921	-0.878	-0.864
3281	32.80	-0.831	-0.827	-0.805	-0.730	-0.581	-0.361	-0.101	0.154	0.356	0.474
3291	32.90	0.498	0.442	0.328	0.179	0.010	-0.174	-0.371	-0.581	-0.799	-1.016
3301	33.00	-1.217	-1.387	-1.512	-1.579	-1.577	-1.500	-1.351	-1.144	-0.907	-0.670
3311	33.10	-0.458	-0.284	-0.139	-0.001	0.157	0.349	0.570	0.794	0.981	1.095
3321	33.20	1.123	1.073	0.980	0.882	0.811	0.775	0.764	0.754	0.723	0.663
3331	33.30	0.587	0.518	0.479	0.485	0.529	0.590	0.638	0.647	0.603	0.513
3341	33.40	0.400	0.298	0.243	0.262	0.367	0.548	0.776	1.004	1.177	1.253
3351	33.50	1.205	1.060	0.795	0.525	0.285	0.113	0.014	-0.040	-0.097	-0.208
3361	33.60	-0.466	-0.690	-1.029	-1.373	-1.665	-1.866	-1.960	-1.956	-1.878	-1.755
3371	33.70	-1.609	-1.453	-1.290	-1.120	-0.962	-0.766	-0.595	-0.447	-0.325	-0.225
3381	33.80	-0.133	-0.030	0.109	0.302	0.556	0.863	1.201	1.538	1.836	2.063
3391	33.90	2.196	2.227	2.162	2.016	1.814	1.579	1.336	1.105	0.901	0.734
3401	34.00	0.606	0.516	0.457	0.426	0.418	0.437	0.482	0.549	0.623	0.672
3411	34.10	0.657	0.537	0.295	-0.061	-0.485	-0.906	-1.246	-1.445	-1.483	-1.379
3421	34.20	-1.187	-0.970	-0.782	-0.648	-0.561	-0.498	-0.434	-0.361	-0.289	-0.245
3431	34.30	-0.251	-0.313	-0.410	-0.504	-0.552	-0.527	-0.431	-0.292	-0.157	-0.070
3441	34.40	-0.051	-0.092	-0.159	-0.206	-0.198	-0.121	0.005	0.145	0.255	0.307
3451	34.50	0.300	0.259	0.227	0.245	0.337	0.500	0.702	0.892	1.025	1.067
3461	34.60	1.015	0.894	0.739	0.590	0.472	0.388	0.323	0.269	0.142	-0.011
3471	34.70	-0.205	-0.421	-0.630	-0.807	-0.931	-0.997	-1.010	-0.985	-0.942	-0.901
3481	34.80	-0.879	-0.879	-0.892	-0.896	-0.861	-0.763	-0.594	-0.373	-0.142	0.045
3491	34.90	0.141	0.130	0.035	-0.083	-0.151	-0.108	0.064	0.332	0.625	0.859

Table 7—1—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1148 503-GR-1-58 HA. (HA.) KANNONZAKI MAX. ACC. = -73.484 (GAL) T= 6.78 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.973	0.954	0.841	0.705	0.619	0.622	0.707	0.827	0.917	0.929
3511	35.10	0.850	0.708	0.551	0.428	0.357	0.324	0.287	0.204	0.052	-0.159
3521	35.20	-0.388	-0.586	-0.717	-0.777	-0.788	-0.794	-0.831	-0.917	-1.039	-1.163
3531	35.30	-1.253	-1.284	-1.251	-1.173	-1.071	-0.940	-0.833	-0.664	-0.420	-0.078
3541	35.40	0.357	0.845	1.316	1.686	1.882	1.862	1.630	1.237	0.762	0.296
3551	35.50	-0.088	-0.348	-0.483	-0.525	-0.524	-0.530	-0.571	-0.654	-0.762	-0.867
3561	35.60	-0.941	-0.966	-0.940	-0.870	-0.770	-0.653	-0.530	-0.408	-0.296	-0.199
3571	35.70	-0.122	-0.061	-0.007	0.058	0.151	0.277	0.428	0.578	0.690	0.730
3581	35.80	0.681	0.542	0.361	0.158	-0.019	-0.144	-0.207	-0.213	-0.177	-0.115
3591	35.90	-0.040	0.034	0.095	0.132	0.137	0.112	0.074	0.050	0.070	0.149
3601	36.00	0.282	0.436	0.562	0.616	0.576	0.455	0.297	0.157	0.076	0.068
3611	36.10	0.114	0.173	0.210	0.211	0.194	0.196	0.254	0.377	0.541	0.689
3621	36.20	0.759	0.709	0.536	0.281	0.009	-0.214	-0.347	-0.386	-0.356	-0.295
3631	36.30	-0.236	-0.196	-0.175	-0.166	-0.168	-0.186	-0.228	-0.294	-0.368	-0.416
3641	36.40	-0.401	-0.299	-0.115	0.111	0.316	0.438	0.444	0.338	0.166	-0.009
3651	36.50	-0.133	-0.187	-0.191	-0.198	-0.265	-0.428	-0.678	-0.966	-1.214	-1.366
3661	36.60	-1.315	-1.120	-0.807	-0.447	-0.118	0.129	0.279	0.356	0.408	0.482
3671	36.70	0.607	0.777	0.954	1.089	1.138	1.084	0.949	0.780	0.635	0.555
3681	36.80	0.546	0.580	0.605	0.578	0.478	0.327	0.172	0.066	0.037	0.076
3691	36.90	0.135	0.156	0.099	-0.036	-0.201	-0.327	-0.358	-0.281	-0.136	-0.005
3701	37.00	0.029	-0.079	-0.318	-0.621	-0.902	-1.089	-1.159	-1.139	-1.083	-1.039
3711	37.10	-1.018	-0.989	-0.902	-0.723	-0.461	-0.172	0.061	0.177	0.167	0.088
3721	37.20	0.037	0.110	0.345	0.709	1.102	1.409	1.548	1.509	1.349	1.160
3731	37.30	1.016	0.938	0.887	0.791	0.598	0.314	0.009	-0.214	-0.266	-0.128
3741	37.40	0.139	0.418	0.591	0.595	0.456	0.272	0.163	0.208	0.400	0.643
3751	37.50	0.795	0.731	0.400	-0.147	-0.780	-1.340	-1.695	-1.788	-1.637	-1.318
3761	37.60	-0.928	-0.550	-0.243	-0.039	0.039	-0.020	-0.217	-0.524	-0.883	-1.204
3771	37.70	-1.399	-1.406	-1.218	-0.898	-0.565	-0.262	-0.110	-0.087	-0.137	-0.174
3781	37.80	-0.126	0.031	0.272	0.534	0.749	0.875	0.907	0.869	0.795	0.707
3791	37.90	0.607	0.481	0.319	0.126	-0.068	-0.222	-0.304	-0.302	-0.238	-0.152

Table 7—2—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.425	0.132	0.552	0.660	0.346	-0.209	-0.785	-1.137	-1.121	-0.757
11	0.10	-0.209	0.295	0.571	0.551	0.305	-0.015	-0.251	-0.315	-0.221	-0.054
21	0.20	0.074	0.103	0.028	-0.092	-0.180	-0.187	-0.110	0.010	0.118	0.173
31	0.30	0.162	0.095	-0.012	-0.151	-0.322	-0.510	-0.717	-0.855	-0.866	-0.792
41	0.40	-0.372	0.049	0.435	0.652	0.615	0.314	-0.167	-0.696	-1.136	-1.387
51	0.50	-1.413	-1.230	-0.885	-0.430	0.086	0.612	1.075	1.379	1.421	1.120
61	0.60	0.466	-0.456	-1.468	-2.340	-2.852	-2.856	-2.315	-1.304	0.010	1.416
71	0.70	2.698	3.669	4.181	4.143	3.537	2.427	0.982	-0.547	-1.857	-2.675
81	0.80	-2.833	-2.330	-1.346	-0.190	0.788	1.318	1.288	0.775	-0.002	-0.770
91	0.90	-1.307	-1.511	-1.416	-1.150	-0.860	-0.644	-0.515	-0.417	-0.274	-0.044
101	1.00	0.253	0.560	0.725	0.750	0.621	0.402	0.182	0.031	-0.036	-0.048
111	1.10	-0.055	-0.079	-0.096	-0.038	0.158	0.506	0.925	1.269	1.355	1.093
121	1.20	0.454	-0.417	-1.282	-1.882	-2.026	-1.654	-0.850	0.186	1.209	1.992
131	1.30	2.378	2.305	1.806	0.993	0.035	-0.873	-1.552	-1.883	-1.841	-1.505
141	1.40	-1.029	-0.577	-0.253	-0.050	0.133	0.427	0.895	1.464	1.921	2.002
151	1.50	1.534	0.556	-0.651	-1.635	-1.977	-1.489	-0.329	1.035	2.011	2.156
161	1.60	1.385	0.295	-1.314	-2.033	-1.808	-0.756	0.633	1.714	2.017	1.458
171	1.70	0.378	-0.635	-1.061	-0.616	0.436	1.598	2.289	2.158	1.241	-0.040
181	1.80	-1.193	-1.715	-1.499	-0.759	0.084	0.637	0.726	0.456	0.119	0.007
191	1.90	0.229	0.650	0.965	0.872	0.251	-0.750	-1.762	-2.358	-2.237	-1.360
201	2.00	0.061	1.556	2.749	3.299	3.078	2.152	0.734	-0.880	-2.360	-3.395
211	2.10	-3.732	-3.245	-1.994	-0.253	1.531	2.861	3.354	2.887	1.655	0.098
221	2.20	-1.274	-2.086	-2.231	-1.882	-1.366	-0.976	-0.813	-0.753	-0.538	0.039
231	2.30	0.975	2.001	2.680	2.606	1.614	-0.400	-2.033	-3.552	-4.148	-3.621
241	2.40	-2.148	-0.194	1.675	2.992	3.511	3.237	2.355	1.135	-0.151	-1.266
251	2.50	-2.005	-2.222	-1.834	-0.880	0.443	1.797	2.783	3.073	2.540	1.324
261	2.60	-0.210	-1.600	-2.462	-2.627	-2.184	-1.419	-0.672	-0.202	-0.093	-0.258
271	2.70	-0.517	-0.691	-0.689	-0.518	-0.256	0.009	0.221	0.367	0.461	0.507
281	2.80	0.697	0.418	0.280	0.139	0.078	0.171	0.428	0.766	1.023	1.035
291	2.90	0.709	0.085	-0.658	-1.267	-1.525	-1.343	-0.812	-0.169	0.303	0.395
301	3.00	0.060	-0.559	-1.194	-1.556	-1.446	-0.839	0.115	1.143	1.944	2.288
311	3.10	2.082	1.387	0.394	-0.637	-1.446	-1.838	-1.729	-1.159	-0.284	0.665
321	3.20	1.436	1.821	1.713	1.135	0.245	-0.710	-1.454	-1.767	-1.549	-0.857
331	3.30	0.108	1.051	1.674	1.768	1.283	0.346	-0.769	-1.729	-2.250	-2.187
341	3.40	-1.585	-0.661	0.275	0.929	1.119	0.837	0.232	-0.456	-0.985	-1.205
351	3.50	-1.092	-0.738	-0.292	0.104	0.368	0.495	0.528	0.518	0.496	0.455
361	3.60	0.374	0.240	0.078	-0.059	-0.110	-0.044	0.114	0.284	0.368	0.295
371	3.70	0.063	-0.252	-0.519	-0.614	-0.667	-0.503	0.371	0.807	1.085	1.145
381	3.80	1.023	0.803	0.579	0.404	0.270	0.125	-0.078	-0.338	-0.582	-0.686
391	3.90	-0.535	-0.085	0.588	1.298	1.805	1.911	1.540	0.784	-0.132	-0.921
401	4.00	-1.348	-1.311	-0.869	-0.214	0.417	0.828	0.928	0.742	0.374	-0.049
411	4.10	-0.430	-0.724	-0.922	-1.023	-1.009	-0.866	-0.507	-0.016	0.539	1.007
421	4.20	1.229	1.095	0.598	-0.149	-0.949	-1.583	-1.889	-1.811	-1.409	-0.824
431	4.30	-0.216	0.293	0.650	0.869	0.996	1.073	1.107	1.067	0.904	0.586
441	4.40	0.129	-0.397	-0.877	-1.189	-1.263	-1.019	-0.581	-0.059	0.388	0.629
451	4.50	0.607	0.370	0.053	-0.167	-0.144	0.171	0.694	1.232	1.569	1.461
461	4.60	0.924	0.066	-0.842	-1.485	-1.617	-1.162	-0.244	0.855	1.796	2.309
471	4.70	2.280	1.776	1.001	0.203	-0.423	-0.794	-0.946	-0.982	-1.002	-1.042
481	4.80	-1.057	-0.945	-0.609	-0.023	0.730	1.462	1.935	1.944	1.394	0.357
491	4.90	-0.934	-2.138	-2.908	-3.001	-2.364	-1.158	0.284	1.561	2.338	2.455

Table 7—2—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.973	1.140	0.287	-0.303	-0.503	-0.371	-0.107	0.053	-0.002	-0.284
511	5.10	-0.619	-0.778	-0.591	-0.045	0.695	1.337	1.592	1.291	0.664	-0.669
521	5.20	-1.787	-2.589	-2.899	-2.712	-2.164	-1.455	-0.757	-0.162	0.316	0.706
531	5.30	1.019	1.218	1.226	0.972	0.436	-0.309	-1.107	-1.766	-2.114	-2.059
541	5.40	-1.610	-0.869	0.009	0.854	1.513	1.874	1.873	1.504	0.828	-0.028
551	5.50	-0.878	-1.523	-1.800	-1.667	-1.122	-0.398	0.299	0.776	0.942	0.839
561	5.60	0.610	0.424	0.392	0.513	0.680	0.747	0.609	0.271	-0.141	-0.433
571	5.70	-0.437	-0.097	0.500	1.155	1.650	1.860	1.716	1.391	1.029	0.743
581	5.80	0.535	0.287	-0.159	-0.899	-1.687	-2.241	-3.175	-3.916	-3.528	-2.617
591	5.90	-1.460	-0.386	0.366	0.741	0.868	0.968	1.221	1.659	2.143	2.442
601	6.00	2.365	1.884	1.168	0.514	0.200	0.336	0.797	1.271	1.413	1.023
611	6.10	0.157	-0.885	-1.699	-1.979	-1.669	-0.998	-0.366	-0.139	-0.458	-1.156
621	6.20	-1.836	-2.064	-1.590	-0.486	0.879	2.003	2.683	2.192	1.325	0.283
631	6.30	-0.524	-0.874	-0.808	-0.569	-0.448	-0.606	-0.993	-1.385	-1.519	-1.247
641	6.40	-0.621	0.137	0.749	1.026	0.994	0.824	0.231	-0.135	-0.495	-0.943
651	6.50	-1.534	-2.180	-2.632	-2.574	-1.789	-0.309	1.245	2.281	4.453	4.865
661	6.60	4.660	4.216	3.905	3.840	3.749	3.080	1.301	-1.748	-5.622	-9.316
671	6.70	-11.592	-11.468	-8.650	-3.712	2.065	7.146	10.273	10.874	9.167	5.967
681	6.80	2.293	-1.014	-3.508	-5.124	-5.994	-6.227	-5.794	-4.568	-2.490	0.269
691	6.90	3.254	5.828	7.394	7.622	6.567	4.620	2.323	0.149	-1.643	-3.015
701	7.00	-4.033	-4.717	-4.955	-4.560	-3.317	-1.330	1.036	3.231	4.626	4.812
711	7.10	3.763	1.855	-0.285	-2.020	-2.946	-3.005	-2.455	-1.707	-1.125	-0.880
721	7.20	-0.915	-1.022	-0.975	-0.648	-0.068	0.613	1.203	1.551	1.605	1.405
731	7.30	1.053	0.662	0.321	0.082	-0.038	-0.043	0.042	0.179	0.319	0.407
741	7.40	0.406	0.305	0.124	-0.094	-0.302	-0.459	-0.537	-0.509	-0.347	-0.019
751	7.50	0.479	1.103	1.733	2.191	2.293	1.922	1.094	-0.022	-1.147	-1.993
761	7.60	-2.374	-2.278	-1.869	-1.412	-1.153	-1.215	-1.548	-1.965	-2.236	-2.190
771	7.70	-1.786	-1.116	-0.343	0.378	0.961	1.401	1.735	1.985	2.121	2.066
781	7.80	1.741	1.128	0.305	-0.561	-1.272	-1.681	-1.740	-1.518	-1.153	-0.790
791	7.90	-0.515	-0.337	-0.212	-0.089	0.049	0.177	0.255	0.273	0.278	0.355
801	8.00	0.581	0.953	1.351	1.562	1.369	0.664	-0.461	-1.701	-2.625	-2.831
811	8.10	-2.118	-0.589	1.357	3.155	4.265	4.362	3.446	1.818	-0.042	-1.657
821	8.20	-2.706	-3.105	-2.972	-2.531	-1.984	-1.434	-0.870	-0.225	0.544	1.384
831	8.30	2.143	2.618	2.639	2.153	1.253	0.160	-0.852	-1.569	-1.796	-1.591
841	8.40	-1.041	-0.316	0.402	0.960	1.269	1.212	0.841	0.179	-0.674	-1.570
851	8.50	-2.329	-2.781	-2.805	-2.362	-1.509	-0.381	0.845	1.991	2.902	3.465
861	8.60	3.605	3.289	2.533	1.419	0.105	-1.185	-2.196	-2.711	-2.617	-1.949
871	8.70	-0.887	0.294	1.311	1.956	2.156	1.956	1.503	0.955	0.434	-0.002
881	8.80	-0.352	-0.646	-0.905	-1.135	-1.327	-1.475	-1.582	-1.661	-1.718	-1.734
891	8.90	-1.661	-1.439	-1.026	-0.427	0.295	1.037	1.690	2.177	2.468	2.578
901	9.00	2.535	2.354	2.022	1.517	0.838	0.036	-0.782	-1.478	-1.927	-2.068
911	9.10	-1.922	-1.574	-1.133	-0.685	-0.264	0.133	0.510	0.832	1.009	0.927
921	9.20	0.506	-0.237	1.164	-2.034	-2.581	-2.603	-2.039	-0.985	0.337	1.663
931	9.30	2.761	3.488	3.796	3.710	3.287	2.592	1.697	0.692	-0.305	-1.152
941	9.40	-1.720	-1.937	-1.813	-1.447	-0.989	-0.591	-0.347	-0.272	-0.309	-0.367
951	9.50	-0.358	-0.233	0.014	0.353	0.736	1.108	1.406	1.559	1.495	1.166
961	9.60	0.575	-0.199	-1.006	-1.664	-2.017	-1.996	-1.653	-1.137	-0.640	-0.316
971	9.70	-0.226	-0.324	-0.491	-0.600	-0.581	-0.448	-0.278	-0.161	-0.148	-0.216
981	9.80	-0.291	-0.285	-0.152	0.083	0.332	0.491	0.496	0.349	0.136	-0.028
991	9.90	-0.047	0.109	0.391	0.693	0.897	0.917	0.726	0.356	-0.127	-0.644

Table 7—2—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1149 S03-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.119	-1.487	-1.688	-1.674	-1.419	-0.943	-0.323	0.314	0.828	1.111
1011	10.10	1.137	0.972	0.749	0.609	0.633	0.801	0.993	1.051	0.851	0.375
1021	10.20	-0.269	-0.884	-1.269	-1.269	-0.910	-0.312	0.324	0.813	1.056	1.069
1031	10.30	0.953	0.831	0.777	0.782	0.768	0.640	0.352	-0.058	-0.469	-0.760
1041	10.40	-0.773	-0.574	-0.255	0.007	0.053	-0.190	-0.668	-1.226	-1.675	-1.881
1051	10.50	-1.819	-1.584	-1.339	-1.234	-1.332	-1.571	-1.795	-1.815	-1.503	-0.850
1061	10.60	0.022	0.905	1.586	1.924	1.898	1.599	1.185	0.808	0.559	0.445
1071	10.70	0.411	0.381	0.317	0.236	0.203	0.296	0.554	0.947	1.372	1.688
1081	10.80	1.771	1.561	1.088	0.460	-0.178	-0.698	-1.029	-1.173	-1.181	-1.125
1091	10.90	-1.053	-0.975	-0.869	-0.707	-0.488	-0.250	-0.065	-0.095	-0.103	-0.328
1101	11.00	-0.586	-0.754	-0.724	-0.452	0.021	0.584	1.094	1.432	1.545	1.458
1111	11.10	1.257	1.049	0.915	0.883	0.919	0.953	0.911	0.748	0.467	0.119
1121	11.20	-0.216	-0.459	-0.560	-0.510	-0.348	-0.146	0.010	0.050	-0.058	-0.294
1131	11.30	-0.589	-0.838	-0.949	-0.825	-0.484	0.026	0.597	1.107	1.456	1.601
1141	11.40	1.563	1.401	1.203	1.030	0.905	0.814	0.719	0.583	0.385	0.127
1151	11.50	-0.177	-0.516	-0.888	-1.300	-1.747	-2.195	-2.579	-2.809	-2.800	-2.506
1161	11.60	-1.942	-1.193	-0.191	0.324	0.841	1.289	1.611	1.804	1.781	1.555
1171	11.70	0.379	0.279	0.256	0.303	0.414	0.584	0.809	1.076	1.358	1.613
1181	11.80	1.792	1.842	1.727	1.436	0.986	0.423	-0.185	-0.765	-1.251	-1.600
1191	11.90	-1.794	-1.840	-1.764	-1.601	-1.387	-1.160	-0.957	-0.817	-0.773	-0.840
1201	12.00	-1.007	-1.222	-1.404	-1.458	-1.313	-0.944	-0.394	0.237	0.823	1.251
1211	12.10	1.460	1.459	1.307	1.093	0.891	0.741	0.665	0.582	0.531	0.495
1221	12.20	0.488	0.533	0.619	0.717	0.760	0.687	0.471	0.138	-0.238	-0.560
1231	12.30	-0.761	-0.829	-0.819	-0.823	-0.922	-1.133	-1.393	-1.569	-1.521	-1.161
1241	12.40	-0.505	0.316	1.101	1.647	1.828	1.640	1.201	0.701	0.327	0.196
1251	12.50	0.313	0.587	0.874	1.041	1.020	0.827	0.540	0.257	0.050	-0.070
1261	12.60	-0.143	-0.239	-0.414	-0.675	-0.973	-1.221	-1.327	-1.234	-0.942	-0.510
1271	12.70	-0.036	0.377	0.648	0.732	0.622	0.342	-0.065	-0.542	-1.013	-1.397
1281	12.80	-1.611	-1.597	-1.347	-0.915	-0.413	0.023	0.278	0.307	0.146	-0.100
1291	12.90	-0.305	-0.385	-0.328	-0.199	-0.095	-0.089	-0.174	-0.266	-0.242	-0.020
1301	13.00	0.379	0.807	1.043	0.885	0.268	-0.681	-1.658	-2.295	-2.305	-1.612
1311	13.10	-0.401	0.947	2.001	2.448	2.215	1.489	0.625	-0.007	-0.167	0.169
1321	13.20	0.834	1.564	2.122	2.387	2.371	2.167	1.869	1.506	1.039	0.408
1331	13.30	-0.393	-1.265	-2.011	-2.411	-2.312	-1.711	-0.773	0.232	1.032	1.453
1341	13.40	1.477	1.218	0.850	0.509	0.241	-0.005	-0.322	-0.770	-1.324	-1.873
1351	13.50	-2.273	-2.416	-2.283	-1.950	-1.544	-1.173	-0.871	-0.589	-0.235	0.254
1361	13.60	0.857	1.152	1.355	1.390	1.312	0.918	0.220	-1.169	-1.903	-2.311
1371	13.70	-2.377	-2.161	-1.744	-1.195	-0.559	0.126	0.503	1.386	1.772	1.885
1381	13.80	1.716	1.328	0.864	0.467	0.233	0.173	0.218	0.257	0.207	0.052
1391	13.90	-0.149	-0.295	-0.306	-0.170	0.048	0.233	0.289	0.192	0.012	-0.120
1401	14.00	-0.074	0.205	0.664	1.154	1.495	1.560	1.328	0.894	0.416	0.045
1411	14.10	-0.155	-0.222	-0.276	-0.441	-0.771	-1.215	-1.632	-1.851	-1.759	-1.354
1421	14.20	-0.755	-0.151	0.282	0.447	0.368	0.163	-0.020	-0.069	0.040	0.262
1431	14.30	0.428	0.503	0.429	0.247	0.044	-0.091	-0.106	-0.009	0.148	0.306
1441	14.40	0.427	0.511	0.583	0.665	0.752	0.803	0.763	0.595	0.310	-0.028
1451	14.50	-0.318	-0.469	-0.432	-0.224	0.080	0.390	0.634	0.785	0.871	0.941
1461	14.60	1.036	1.163	1.286	1.343	1.273	1.043	0.659	0.167	-0.361	-0.861
1471	14.70	-1.194	-1.352	-1.275	-0.960	-0.462	0.105	0.587	0.829	0.733	0.301
1481	14.80	-0.345	-0.996	-1.627	-1.480	-1.124	-0.472	0.271	0.891	1.251	1.338
1491	14.90	1.250	1.135	1.108	1.194	1.315	1.339	1.149	0.707	0.079	-0.598

Table 7—2—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1149 S03-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.175	-1.559	-1.745	-1.801	-1.823	-1.879	-1.973	-2.053	-2.044	-1.900
1511	15.10	-1.626	-1.279	-0.929	-0.621	-0.347	-0.053	0.322	0.806	1.359	1.884
1521	15.20	2.259	2.389	2.247	1.877	1.374	0.837	0.330	-0.131	-0.568	-1.003
1531	15.30	-1.428	-1.792	-2.016	-2.028	-1.802	-1.379	-0.856	-0.356	0.012	0.192
1541	15.40	0.188	0.066	-0.106	-0.228	-0.252	-0.163	0.019	0.246	0.462	0.609
1551	15.50	0.650	0.568	0.377	0.117	-0.159	-0.401	-0.576	-0.682	-0.742	-0.796
1561	15.60	-0.875	-0.988	-1.113	-1.205	-1.216	-1.115	-0.906	-0.626	-0.330	-0.076
1571	15.70	0.103	0.197	0.225	0.223	0.222	0.250	0.313	0.410	0.528	0.653
1581	15.80	0.769	0.859	0.910	0.915	0.881	0.832	0.807	0.846	0.974	1.180
1591	15.90	1.412	1.584	1.595	1.373	0.895	0.212	-0.565	-1.294	-1.840	-2.120
1601	16.00	-2.118	-1.887	-1.520	-1.115	-0.737	-0.409	-0.113	0.187	0.522	0.898
1611	16.10	1.293	1.669	1.986	2.216	2.344	2.361	2.261	2.035	1.678	1.203
1621	16.20	0.665	0.061	-0.491	-0.967	-1.364	-1.710	-2.047	-2.396	-2.730	-2.966
1631	16.30	-2.996	-2.735	-2.169	-1.376	-0.512	0.242	0.775	1.045	1.135	1.188
1641	16.40	1.336	1.640	2.055	2.456	2.696	2.680	2.402	1.944	1.426	0.943
1651	16.50	0.522	0.122	-0.326	-0.862	-1.453	-1.994	-2.358	-2.458	-2.297	-1.977
1661	16.60	-1.650	-1.446	-1.396	-1.436	-1.415	-1.189	-0.695	0.009	0.762	1.366
1671	16.70	1.675	1.652	1.380	1.009	0.690	0.504	0.440	0.424	0.369	0.231
1681	16.80	0.034	-0.152	-0.252	-0.237	-0.140	-0.038	-0.011	-0.091	-0.243	-0.380
1691	16.90	-0.409	-0.281	-0.019	0.288	0.525	0.608	0.516	0.302	0.060	-0.121
1701	17.00	-0.194	-0.174	-0.118	-0.089	-0.119	-0.196	-0.274	-0.301	-0.254	-0.154
1711	17.10	-0.058	-0.026	-0.088	-0.225	-0.371	-0.441	-0.374	-0.161	0.145	0.452
1721	17.20	0.662	0.715	0.611	0.404	0.180	0.016	-0.052	-0.041	-0.008	-0.023
1731	17.30	-0.130	-0.332	-0.584	-0.814	-0.953	-0.962	-0.841	-0.625	-0.364	-0.100
1741	17.40	0.148	0.381	0.611	0.838	1.042	1.186	1.228	1.143	0.944	0.677
1751	17.50	0.408	0.200	0.084	0.050	0.057	0.050	-0.008	-0.117	-0.244	-0.335
1761	17.60	-0.346	-0.263	-0.110	0.059	0.187	0.238	0.210	0.134	0.053	0.002
1771	17.70	-0.006	0.014	0.037	0.041	0.020	-0.011	-0.030	-0.021	0.010	0.041
1781	17.80	0.039	-0.015	-0.120	-0.248	-0.360	-0.425	-0.431	-0.394	-0.346	-0.313
1791	17.90	-0.304	-0.302	-0.274	-0.192	-0.050	0.129	0.300	0.420	0.461	0.428
1801	18.00	0.351	0.267	0.200	0.149	0.097	0.021	-0.083	-0.196	-0.280	-0.300
1811	18.10	-0.250	-0.157	-0.076	-0.061	-0.133	-0.261	-0.369	-0.366	-0.193	0.147
1821	18.20	0.576	0.966	1.188	1.158	0.874	0.409	-0.114	-0.567	-0.865	-0.979
1831	18.30	-0.939	-0.803	-0.635	-0.478	-0.355	-0.266	-0.202	-0.155	-0.111	-0.057
1841	18.40	0.020	0.128	0.258	0.382	0.458	0.458	0.340	0.161	-0.022	-0.127
1851	18.50	-0.092	0.096	0.385	0.681	0.881	0.920	0.802	0.597	0.410	0.330
1861	18.60	0.391	0.549	0.703	0.736	0.566	0.185	-0.340	-0.883	-1.309	-1.515
1871	18.70	-1.458	-1.163	-0.707	-0.188	0.300	0.685	0.926	1.014	0.959	0.789
1881	18.80	0.537	0.240	-0.070	-0.371	-0.648	-0.896	-1.108	-1.279	-1.398	-1.458
1891	18.90	-1.455	-1.401	-1.313	-1.212	-1.113	-1.014	-0.899	-0.745	-0.540	-0.291
1901	19.00	-0.029	0.200	0.358	0.426	0.416	0.364	0.315	0.304	0.337	0.399
1911	19.10	0.462	0.501	0.508	0.494	0.474	0.457	0.436	0.390	0.296	0.151
1921	19.20	-0.026	-0.193	-0.303	-0.331	-0.280	-0.184	-0.090	-0.053	-0.014	-0.005
1931	19.30	0.035	0.136	0.290	0.456	0.572	0.593	0.515	0.383	0.269	0.238
1941	19.40	0.305	0.424	0.501	0.443	0.201	-0.189	-0.617	-0.937	-1.031	-0.859
1951	19.50	-0.427	-0.016	0.377	0.596	0.622	0.513	0.372	0.289	0.298	0.363
1961	19.60	0.606	0.353	0.177	-0.085	-0.349	-0.523	-0.553	-0.452	-0.286	-0.149
1971	19.70	-0.112	-0.199	-0.378	-0.583	-0.748	-0.834	-0.842	-0.801	-0.745	-0.692
1981	19.80	-0.644	-0.590	-0.522	-0.450	-0.394	-0.373	-0.384	-0.398	-0.365	-0.237
1991	19.90	0.006	0.343	0.716	1.053	1.295	1.420	1.443	1.401	1.329	1.242

Table 7—2—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.131	0.977	0.773	0.535	0.302	0.120	0.018	-0.006	0.014	0.032
2011	20.10	0.009	-0.065	-0.175	-0.289	-0.379	-0.441	-0.482	-0.516	-0.539	-0.521
2021	20.20	-0.419	-0.197	0.145	0.563	0.976	1.301	1.485	1.526	1.471	1.386
2031	20.30	1.316	1.266	1.196	1.057	0.820	0.508	0.198	-0.022	-0.088	-0.000
2041	20.40	0.170	0.311	0.320	0.152	-0.164	-0.539	-0.870	-1.085	-1.173	-1.172
2051	20.50	-1.137	-1.097	-1.039	-0.911	-0.659	-0.274	0.190	0.627	0.917	0.982
2061	20.60	0.821	0.510	0.166	-0.104	-0.249	-0.290	-0.294	-0.332	-0.436	-0.579
2071	20.70	-0.695	-0.715	-0.611	-0.417	-0.214	-0.093	-0.169	-0.250	-0.446	-0.603
2081	20.80	-0.641	-0.537	-0.332	-0.102	0.070	0.140	0.113	0.031	-0.051	-0.097
2091	20.90	-0.109	-0.114	-0.150	-0.231	-0.345	-0.447	-0.487	-0.432	-0.283	-0.072
2101	21.00	0.150	0.337	0.465	0.538	0.574	0.590	0.588	0.549	0.451	0.281
2111	21.10	0.050	-0.196	-0.394	-0.483	-0.428	-0.237	0.044	0.340	0.581	0.719
2121	21.20	0.745	0.687	0.595	0.519	0.486	0.496	0.522	0.525	0.476	0.365
2131	21.30	0.211	0.047	-0.090	-0.180	-0.225	-0.249	-0.281	-0.361	-0.424	-0.502
2141	21.40	-0.534	-0.488	-0.360	-0.179	0.002	0.127	0.166	0.120	0.041	-0.014
2151	21.50	-0.003	0.074	0.167	0.195	0.079	-0.217	-0.661	-1.159	-1.586	-1.833
2161	21.60	-1.846	-1.648	-1.325	-0.988	-0.727	-0.577	-0.516	-0.483	-0.418	-0.296
2171	21.70	-0.142	-0.017	0.012	-0.086	-0.289	-0.526	-0.700	-0.731	-0.587	-0.294
2181	21.80	0.075	0.431	0.704	0.863	0.917	0.897	0.839	0.765	0.676	0.566
2191	21.90	0.437	0.305	0.200	0.153	0.173	0.244	0.321	0.350	0.296	0.159
2201	22.00	-0.022	-0.184	-0.273	-0.269	-0.203	-0.145	-0.171	-0.329	-0.605	-0.917
2211	22.10	-1.150	-1.194	-0.994	-0.585	-0.078	0.375	0.640	0.656	0.459	0.169
2221	22.20	-0.063	-0.111	0.065	0.412	0.801	1.085	1.159	1.005	0.693	0.352
2231	22.30	0.112	0.049	0.158	0.360	0.538	0.591	0.469	0.195	-0.155	-0.485
2241	22.40	-0.719	-0.822	-0.809	-0.720	-0.604	-0.492	-0.392	-0.296	-0.190	-0.070
2251	22.50	0.058	0.183	0.291	0.379	0.446	0.498	0.530	0.532	0.484	0.369
2261	22.60	0.181	-0.071	-0.366	-0.663	-0.936	-1.153	-1.288	-1.327	-1.257	-1.080
2271	22.70	-0.810	-0.482	-0.146	0.143	0.362	0.437	0.451	0.432	0.440	0.516
2281	22.80	0.668	0.862	1.037	1.128	1.092	0.925	0.663	0.366	0.098	-0.097
2291	22.90	-0.202	-0.225	-0.194	-0.137	-0.076	-0.022	0.023	0.063	0.101	0.141
2301	23.00	0.186	0.236	0.292	0.349	0.400	0.438	0.462	0.478	0.503	0.557
2311	23.10	0.652	0.784	0.927	1.038	1.071	1.001	0.829	0.593	0.354	0.173
2321	23.20	0.089	0.103	0.178	0.251	0.260	0.165	-0.033	-0.296	-0.560	-0.759
2331	23.30	-0.850	-0.825	-0.732	-0.563	-0.433	-0.356	-0.337	-0.346	-0.338	-0.267
2341	23.40	-0.111	0.120	0.382	0.618	0.772	0.818	0.749	0.670	0.583	0.561
2351	23.50	0.630	0.777	0.960	1.122	1.214	1.212	1.118	0.955	0.757	0.549
2361	23.60	0.345	0.149	-0.038	-0.213	-0.361	-0.462	-0.495	-0.450	-0.326	-0.142
2371	23.70	0.074	0.285	0.458	0.565	0.590	0.530	0.399	0.221	0.024	-0.167
2381	23.80	-0.339	-0.495	-0.646	-0.807	-0.974	-1.128	-1.225	-1.221	-1.085	-0.819
2391	23.90	-0.464	-0.088	0.238	0.467	0.591	0.641	0.662	0.690	0.727	0.736
2401	24.00	0.661	0.455	0.110	-0.327	-0.769	-1.119	-1.307	-1.318	-1.193	-1.014
2411	24.10	-0.861	-0.789	-0.803	-0.868	-0.935	-0.965	-0.944	-0.893	-0.846	-0.830
2421	24.20	-0.854	-0.904	-0.951	-0.972	-0.957	-0.914	-0.863	-0.817	-0.777	-0.728
2431	24.30	-0.646	-0.518	-0.361	-0.134	0.075	0.260	0.409	0.527	0.632	0.744
2441	24.40	0.876	1.023	1.167	1.280	1.334	1.307	1.186	0.970	0.672	0.318
2451	24.50	-0.049	-0.380	-0.625	-0.752	-0.760	-0.685	-0.591	-0.550	-0.616	-0.799
2461	24.60	-1.061	-1.326	-1.515	-1.570	-1.487	-1.312	-1.121	-0.987	-0.947	-0.987
2471	24.70	-1.052	-1.078	-1.022	-0.889	-0.730	-0.616	-0.602	-0.694	-0.838	-0.943
2481	24.80	-0.915	-0.704	-0.327	0.133	0.559	0.851	0.965	0.930	0.835	0.786
2491	24.90	0.857	1.058	1.328	1.567	1.674	1.593	1.338	0.982	0.627	0.360

Table 7—2—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.222	0.199	0.232	0.256	0.226	0.137	0.019	-0.080	-0.126	-0.113
2511	25.10	-0.065	-0.024	-0.025	-0.078	-0.164	-0.242	-0.274	-0.240	-0.149	-0.035
2521	25.20	0.063	0.119	0.130	0.119	0.118	0.151	0.223	0.312	0.382	0.401
2531	25.30	0.353	0.248	0.119	0.006	-0.057	-0.060	-0.012	0.060	0.127	0.173
2541	25.40	0.197	0.218	0.259	0.337	0.455	0.592	0.716	0.782	0.766	0.659
2551	25.50	0.483	0.285	0.121	0.043	0.079	0.221	0.429	0.646	0.810	0.886
2561	25.60	0.873	0.803	0.735	0.723	0.799	0.956	1.168	1.307	1.364	1.272
2571	25.70	1.025	0.660	0.244	-0.146	-0.440	-0.594	-0.599	-0.480	-0.288	-0.084
2581	25.80	0.074	0.144	0.114	0.000	-0.156	-0.300	-0.385	-0.385	-0.304	-0.175
2591	25.90	-0.046	0.038	0.050	-0.007	-0.110	-0.222	-0.309	-0.355	-0.360	-0.337
2601	26.00	-0.297	-0.247	-0.185	-0.104	-0.008	0.091	0.165	0.188	0.143	0.035
2611	26.10	-0.104	-0.231	-0.301	-0.286	-0.188	-0.034	0.133	0.271	0.356	0.387
2621	26.20	0.385	0.380	0.399	0.454	0.534	0.612	0.650	0.616	0.494	0.296
2631	26.30	0.057	-0.172	-0.339	-0.410	-0.380	-0.276	-0.149	-0.055	-0.038	-0.082
2641	26.40	-0.182	-0.284	-0.340	-0.327	-0.254	-0.160	-0.092	-0.085	-0.141	-0.226
2651	26.50	-0.287	-0.272	-0.154	0.052	0.300	0.530	0.690	0.756	0.737	0.663
2661	26.60	0.570	0.486	0.417	0.359	0.304	0.254	0.220	0.219	0.262	0.338
2671	26.70	0.414	0.444	0.382	0.205	-0.077	-0.419	-0.761	-1.043	-1.231	-1.325
2681	26.80	-1.362	-1.392	-1.460	-1.582	-1.737	-1.873	-1.929	-1.857	-1.650	-1.344
2691	26.90	-1.010	-0.728	-0.557	-0.512	-0.560	-0.632	-0.649	-0.558	-0.349	-0.054
2701	27.00	0.261	0.530	0.713	0.801	0.819	0.803	0.781	0.761	0.727	0.655
2711	27.10	0.530	0.353	0.149	-0.053	-0.231	-0.380	-0.513	-0.649	-0.793	-0.931
2721	27.20	-1.029	-1.049	-0.968	-0.798	-0.582	-0.381	-0.253	-0.222	-0.277	-0.373
2731	27.30	-0.455	-0.479	-0.435	-0.362	-0.236	-0.154	-0.113	-0.106	-0.112	-0.108
2741	27.40	-0.085	-0.048	-0.016	-0.004	-0.016	-0.039	-0.050	-0.027	0.037	0.134
2751	27.50	0.239	0.328	0.386	0.415	0.430	0.453	0.498	0.566	0.646	0.720
2761	27.60	0.774	0.803	0.812	0.808	0.794	0.765	0.710	0.616	0.485	0.332
2771	27.70	0.182	0.067	0.006	0.000	0.028	0.059	0.067	0.039	-0.015	-0.067
2781	27.80	-0.091	-0.072	-0.016	0.052	0.102	0.114	0.087	0.042	0.011	0.015
2791	27.90	0.060	0.128	0.187	0.216	0.212	0.200	0.222	0.318	0.498	0.735
2801	28.00	0.966	1.116	1.125	0.972	0.688	0.342	0.022	-0.202	-0.292	-0.258
2811	28.10	-0.145	-0.014	0.076	0.089	0.016	-0.124	-0.295	-0.452	-0.553	-0.572
2821	28.20	-0.500	-0.356	-0.177	-0.011	0.096	0.122	0.071	-0.020	-0.101	-0.122
2831	28.30	-0.061	0.075	0.250	0.415	0.530	0.577	0.566	0.522	0.471	0.424
2841	28.40	0.372	0.296	0.175	0.006	-0.197	-0.403	-0.576	-0.690	-0.733	-0.709
2851	28.50	-0.634	-0.529	-0.415	-0.315	-0.250	-0.238	-0.282	-0.367	-0.459	-0.511
2861	28.60	-0.489	-0.388	-0.246	-0.134	-0.130	-0.279	-0.566	-0.905	-1.165	-1.219
2871	28.70	-0.999	-0.526	0.090	0.688	1.114	1.283	1.198	0.947	0.654	0.428
2881	28.80	0.324	0.328	0.389	0.412	0.384	0.298	0.196	0.125	0.118	0.171
2891	28.90	0.253	0.319	0.337	0.302	0.233	0.159	0.103	0.070	0.051	0.030
2901	29.00	0.003	-0.021	-0.019	0.028	0.122	0.245	0.357	0.417	0.399	0.303
2911	29.10	0.156	-0.004	-0.140	-0.230	-0.276	-0.290	-0.290	-0.285	-0.274	-0.251
2921	29.20	-0.216	-0.174	-0.141	-0.135	-0.160	-0.205	-0.246	-0.256	-0.223	-0.160
2931	29.30	-0.105	-0.103	-0.188	-0.362	-0.584	-0.783	-0.884	-0.835	-0.631	-0.320
2941	29.40	0.015	0.285	0.428	0.427	0.317	0.161	0.028	-0.039	-0.030	0.030
2951	29.50	0.098	0.141	0.140	0.107	0.063	0.035	0.036	0.061	0.094	0.115
2961	29.60	0.114	0.094	0.068	0.051	0.051	0.067	0.088	0.102	0.102	0.089
2971	29.70	0.072	0.061	0.062	0.074	0.088	0.097	0.095	0.084	0.071	0.064
2981	29.80	0.066	0.075	0.085	0.089	0.086	0.077	0.069	0.067	0.073	0.081
2991	29.90	0.086	0.084	0.074	0.064	0.061	0.068	0.086	0.099	0.099	0.074

Table 7—2—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.018	-0.063	-0.157	-0.244	-0.308	-0.333	-0.312	-0.245	-0.142	-0.024
3011	30.10	0.082	0.166	0.164	0.072	-0.052	-0.187	-0.283	-0.296	-0.207	-0.032
3021	30.20	0.181	0.373	0.492	0.520	0.471	0.391	0.333	0.330	0.387	0.477
3031	30.30	0.552	0.573	0.522	0.409	0.269	0.140	0.048	-0.001	-0.021	-0.032
3041	30.40	-0.051	-0.080	-0.109	-0.124	-0.118	-0.095	-0.068	-0.053	-0.057	-0.080
3051	30.50	-0.112	-0.167	-0.185	-0.237	-0.316	-0.423	-0.541	-0.635	-0.659	-0.583
3061	30.60	-0.403	-0.155	0.099	0.290	0.372	0.335	0.214	0.070	-0.035	-0.065
3071	30.70	-0.020	0.066	0.143	0.168	0.125	0.026	-0.097	-0.211	-0.299	-0.360
3081	30.80	-0.415	-0.483	-0.576	-0.688	-0.799	-0.886	-0.934	-0.939	-0.912	-0.869
3091	30.90	-0.820	-0.766	-0.701	-0.616	-0.509	-0.383	-0.251	-0.121	0.005	0.136
3101	31.00	0.284	0.459	0.653	0.841	0.986	1.050	1.012	0.877	0.675	0.451
3111	31.10	0.248	0.098	0.008	-0.031	-0.034	-0.015	0.021	0.076	0.152	0.244
3121	31.20	0.339	0.415	0.458	0.464	0.444	0.419	0.409	0.420	0.438	0.436
3131	31.30	0.384	0.265	0.083	-0.135	-0.347	-0.515	-0.615	-0.648	-0.630	-0.586
3141	31.40	-0.535	-0.484	-0.428	-0.358	-0.270	-0.173	-0.087	-0.037	-0.041	-0.104
3151	31.50	-0.213	-0.363	-0.464	-0.549	-0.581	-0.553	-0.469	-0.336	-0.170	0.012
3161	31.60	0.188	0.334	0.433	0.475	0.467	0.431	0.394	0.384	0.412	0.472
3171	31.70	0.538	0.576	0.555	0.460	0.299	0.098	-0.104	-0.271	-0.323	-0.398
3181	31.80	-0.345	-0.225	-0.057	0.140	0.341	0.519	0.649	0.707	0.677	0.561
3191	31.90	0.374	0.146	-0.086	-0.284	-0.421	-0.477	-0.452	-0.351	-0.196	-0.016
3201	32.00	0.159	0.284	0.325	0.260	0.085	-0.174	-0.470	-0.741	-0.928	-0.993
3211	32.10	-0.930	-0.764	-0.539	-0.302	-0.084	0.106	0.281	0.461	0.659	0.867
3221	32.20	1.057	1.191	1.235	1.176	1.027	0.822	0.600	0.391	0.205	0.035
3231	32.30	-0.138	-0.319	-0.498	-0.664	-0.716	-0.680	-0.530	-0.293	-0.022	0.219
3241	32.40	0.381	0.439	0.406	0.321	0.232	0.177	0.173	0.213	0.272	0.321
3251	32.50	0.334	0.300	0.221	0.106	-0.029	-0.168	-0.292	-0.387	-0.438	-0.439
3261	32.60	-0.395	-0.325	-0.253	-0.204	-0.190	-0.201	-0.209	-0.173	-0.064	0.127
3271	32.70	0.372	0.616	0.790	0.837	0.733	0.493	0.167	-0.177	-0.475	-0.690
3281	32.80	-0.811	-0.852	-0.837	-0.769	-0.719	-0.632	-0.529	-0.421	-0.324	-0.260
3291	32.90	-0.242	-0.271	-0.326	-0.377	-0.393	-0.360	-0.283	-0.186	-0.100	-0.046
3301	33.00	-0.029	-0.032	-0.030	-0.002	0.058	0.136	0.206	0.245	0.243	0.208
3311	33.10	0.167	0.146	0.159	0.204	0.255	0.285	0.272	0.214	0.129	0.047
3321	33.20	-0.004	-0.015	0.005	0.028	0.023	-0.028	-0.122	-0.239	-0.343	-0.408
3331	33.30	-0.419	-0.384	-0.327	-0.273	-0.241	-0.230	-0.228	-0.212	-0.166	-0.065
3341	33.40	0.017	0.116	0.185	0.206	0.180	0.123	0.065	0.031	0.036	0.075
3351	33.50	0.128	0.165	0.161	0.104	0.005	-0.108	-0.199	-0.240	-0.219	-0.143
3361	33.60	-0.039	0.064	0.140	0.184	0.205	0.224	0.265	0.337	0.438	0.551
3371	33.70	0.653	0.726	0.761	0.761	0.737	0.700	0.658	0.616	0.573	0.530
3381	33.80	0.490	0.456	0.429	0.403	0.369	0.316	0.236	0.135	0.030	-0.053
3391	33.90	-0.091	-0.075	-0.012	0.073	0.146	0.180	0.161	0.094	-0.001	-0.099
3401	34.00	-0.179	-0.233	-0.266	-0.292	-0.321	-0.362	-0.413	-0.470	-0.525	-0.577
3411	34.10	-0.627	-0.677	-0.726	-0.766	-0.788	-0.779	-0.734	-0.658	-0.564	-0.472
3421	34.20	-0.400	-0.356	-0.339	-0.336	-0.329	-0.304	-0.256	-0.193	-0.128	-0.075
3431	34.30	-0.043	-0.027	-0.018	-0.001	0.036	0.092	0.158	0.217	0.257	0.274
3441	34.40	0.278	0.287	0.318	0.377	0.451	0.515	0.542	0.517	0.468	0.367
3451	34.50	0.316	0.326	0.404	0.522	0.625	0.660	0.596	0.435	0.227	0.034
3461	34.60	-0.089	-0.125	-0.094	-0.050	-0.044	-0.102	-0.207	-0.307	-0.343	-0.274
3471	34.70	-0.105	0.115	0.319	0.451	0.496	0.481	0.466	0.501	0.606	0.748
3481	34.80	0.662	0.876	0.751	0.503	0.199	-0.071	-0.227	-0.237	-0.127	0.039
3491	34.90	0.182	0.245	0.212	0.107	-0.023	-0.132	-0.196	-0.212	-0.205	-0.203

Table 7—2—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1149 503-GR-1-58 U-D (U-D) KANNONZAKI MAX. ACC. = -11.592 (GAL) T= 6.71 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.228	-0.291	-0.397	-0.542	-0.718	-0.912	-1.095	-1.232	-1.281	-1.213
3511	35.10	-1.028	-0.760	-0.475	-0.251	-0.147	-0.188	-0.345	-0.555	-0.739	-0.830
3521	35.20	-0.797	-0.647	-0.418	-0.162	0.075	0.260	0.377	0.420	0.387	0.284
3531	35.30	0.123	-0.070	-0.260	-0.408	-0.486	-0.488	-0.432	-0.356	-0.298	-0.282
3541	35.40	-0.306	-0.341	-0.350	-0.302	-0.189	-0.031	0.132	0.261	0.330	0.340
3551	35.50	0.316	0.293	0.301	0.353	0.438	0.529	0.592	0.602	0.547	0.436
3561	35.60	0.288	0.130	-0.015	-0.129	-0.203	-0.239	-0.245	-0.235	-0.219	-0.204
3571	35.70	-0.190	-0.168	-0.130	-0.070	0.009	0.094	0.163	0.200	0.197	0.159
3581	35.80	0.107	0.064	0.047	0.059	0.083	0.096	0.076	0.015	-0.076	-0.172
3591	35.90	-0.264	-0.274	-0.262	-0.226	-0.188	-0.169	-0.175	-0.194	-0.205	-0.190
3601	36.00	-0.140	-0.059	0.039	0.140	0.240	0.342	0.453	0.575	0.697	0.795
3611	36.10	0.839	0.805	0.692	0.520	0.330	0.165	0.061	0.028	0.054	0.110
3621	36.20	0.169	0.212	0.234	0.242	0.241	0.231	0.201	0.132	0.014	-0.149
3631	36.30	-0.333	-0.501	-0.616	-0.654	-0.616	-0.523	-0.408	-0.304	-0.224	-0.166
3641	36.40	-0.114	-0.049	0.036	0.132	0.219	0.279	0.306	0.314	0.329	0.379
3651	36.50	0.481	0.623	0.772	0.884	0.919	0.863	0.729	0.550	0.363	0.192
3661	36.60	0.039	-0.112	-0.282	-0.473	-0.667	-0.820	-0.883	-0.825	-0.649	-0.396
3671	36.70	-0.135	0.073	0.181	0.188	0.126	0.045	-0.012	-0.027	-0.010	0.014
3681	36.80	0.022	0.011	-0.003	0.010	0.072	0.180	0.304	0.394	0.403	0.307
3691	36.90	0.124	-0.096	-0.287	-0.388	-0.368	-0.234	-0.027	0.197	0.386	0.502
3701	37.00	0.532	0.486	0.387	0.264	0.144	0.049	-0.011	-0.033	-0.029	-0.015
3711	37.10	-0.012	-0.032	-0.074	-0.123	-0.155	-0.148	-0.090	0.009	0.128	0.235
3721	37.20	0.309	0.344	0.349	0.342	0.336	0.326	0.293	0.210	0.060	-0.152
3731	37.30	-0.391	-0.605	-0.739	-0.761	-0.672	-0.506	-0.319	-0.165	-0.083	-0.080
3741	37.40	-0.136	-0.220	-0.295	-0.337	-0.333	-0.283	-0.189	-0.055	0.111	0.296
3751	37.50	0.475	0.620	0.704	0.709	0.644	0.535	0.428	0.364	0.370	0.440
3761	37.60	0.542	0.632	0.654	0.585	0.427	0.214	-0.003	-0.174	-0.269	-0.282
3771	37.70	-0.236	-0.165	-0.105	-0.077	-0.090	-0.135	-0.202	-0.282	-0.373	-0.475
3781	37.80	-0.584	-0.687	-0.763	-0.790	-0.759	-0.680	-0.589	-0.534	-0.559	-0.678
3791	37.90	-0.868	-1.067	-1.196	-1.186	-1.008	-0.689	-0.301	0.061	0.312	0.405

Table 7—3—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.920	-1.932	-1.568	-0.974	-0.347	0.152	0.457	0.606	0.680	0.732
11	0.10	0.740	0.613	0.256	-0.366	-1.079	-1.724	-2.060	-1.887	-1.303	-0.500
21	0.20	0.220	0.610	0.588	0.271	-0.100	-0.295	-0.222	0.028	0.238	0.203
31	0.30	-0.136	-0.625	-0.983	-0.933	-0.376	0.522	1.388	1.804	1.515	0.567
41	0.40	-0.702	-1.810	-2.348	-2.169	-1.438	-0.534	0.144	0.367	0.166	-0.216
51	0.50	-0.481	-0.442	-0.115	0.312	0.606	0.627	0.413	0.142	0.020	0.145
61	0.60	0.450	0.739	0.814	0.599	0.200	-0.155	-0.251	-0.030	0.356	0.607
71	0.70	0.443	-0.227	-1.225	-2.162	-2.616	-2.338	-1.381	-0.079	1.113	1.832
81	0.80	1.967	1.676	1.271	1.018	0.987	1.017	0.829	0.204	-0.852	-2.077
91	0.90	-3.053	-3.403	-2.971	-1.890	-0.512	0.769	1.696	2.234	2.521	2.723
101	1.00	2.880	2.840	2.329	1.125	-0.760	-3.003	-5.036	-6.256	-6.266	-5.047
111	1.10	-2.965	-0.623	1.385	2.683	3.206	3.145	2.791	2.366	1.935	1.433
121	1.20	0.775	-0.029	-0.826	-1.379	-1.492	-1.139	-0.504	0.085	0.320	0.069
131	1.30	-0.536	-1.157	-1.408	-1.056	-0.147	0.992	1.906	2.216	1.803	0.865
141	1.40	-0.180	-0.896	-1.030	-0.631	-0.010	0.421	0.363	-0.225	-1.101	-1.860
151	1.50	-2.128	-1.738	-0.797	0.370	1.381	1.961	2.045	1.762	1.329	0.919
161	1.60	0.579	0.235	-0.219	-0.814	-1.445	-1.900	-1.968	-1.558	-0.769	0.137
171	1.70	0.860	1.203	1.166	0.931	0.742	0.757	0.937	1.066	0.869	0.196
181	1.80	-0.868	-1.977	-2.689	-2.666	-1.851	-0.515	0.858	1.797	2.058	1.721
191	1.90	1.126	0.668	0.584	0.836	1.148	1.191	0.785	0.028	-0.753	-1.181
201	2.00	-1.056	-0.471	0.196	0.511	0.211	-0.617	-1.565	-2.097	-1.834	-0.762
211	2.10	0.742	2.093	2.785	2.646	1.900	1.035	0.521	0.555	0.965	1.324
221	2.20	1.217	0.503	-0.576	-1.505	-1.772	-1.155	0.131	1.520	2.366	2.267
231	2.30	1.263	-0.192	-1.464	-2.060	-1.856	-1.119	-0.328	0.110	0.085	-0.183
241	2.40	-0.297	0.048	0.857	1.791	2.324	2.021	0.774	-1.114	-3.050	-4.410
251	2.50	-4.795	-4.172	-2.830	-1.209	0.307	1.504	1.337	2.830	2.976	2.704
261	2.60	1.948	0.763	-0.607	-1.773	-2.353	-2.169	-1.359	-0.343	0.378	0.471
271	2.70	-0.040	-0.780	-1.217	-0.952	0.036	1.342	2.317	2.389	1.377	-0.379
281	2.80	-2.140	-3.092	-2.718	-1.043	1.369	3.658	5.028	5.061	3.850	1.899
291	2.90	-0.123	-1.659	-2.433	-2.471	-1.980	-1.201	-0.302	0.629	1.523	2.256
301	3.00	2.633	2.460	1.644	0.293	-1.284	-2.663	-3.466	-3.497	-2.825	-1.726
311	3.10	-0.568	0.345	0.865	1.021	0.953	0.814	0.690	0.582	0.439	0.222
321	3.20	-0.053	-0.303	-0.422	-0.339	-0.060	0.319	0.651	0.796	0.676	0.305
331	3.30	-0.216	-0.740	-1.120	-1.259	-1.135	-0.800	-0.360	0.053	0.325	0.389
341	3.40	0.238	-0.073	-0.448	-0.782	-0.982	-0.989	-0.777	-0.349	0.260	0.986
351	3.50	1.718	2.302	2.555	2.324	1.546	0.312	-1.116	-2.358	-3.027	-2.864
361	3.60	-1.851	-0.238	1.524	2.932	3.605	3.406	2.471	1.157	-0.120	-1.018
371	3.70	-1.374	-1.223	-0.746	-0.178	0.275	0.485	0.412	0.090	-0.400	-0.943
381	3.80	-1.398	-1.624	-1.513	-1.037	-0.284	0.546	1.196	1.439	1.173	0.468
391	3.90	-0.452	-1.293	-1.813	-1.907	-1.643	-1.207	-0.806	-0.563	-0.465	-0.390
401	4.00	-0.189	0.223	0.803	1.393	1.797	1.879	1.631	1.180	0.718	0.399
411	4.10	0.258	0.191	0.013	-0.436	-1.184	-2.082	-2.845	-3.164	-2.843	-1.889
421	4.20	-0.529	0.871	1.962	2.442	2.330	1.747	0.936	0.129	-0.541	-1.056
431	4.30	-1.476	-1.857	-2.190	-2.386	-2.317	-1.890	-1.119	-0.138	0.836	1.593
441	4.40	2.011	2.100	1.982	1.817	1.713	1.668	1.577	1.299	0.746	-0.069
451	4.50	-0.921	-1.633	-1.980	-1.874	-1.390	-0.728	-0.123	0.258	0.329	0.337
461	4.60	0.294	0.383	0.627	0.923	1.088	0.949	0.437	-0.368	-1.248	-1.928
471	4.70	-2.173	-1.880	-1.110	-0.066	0.984	1.791	2.206	2.202	1.863	1.330
481	4.80	0.739	0.175	-0.342	-0.836	-1.320	-1.778	-2.125	-2.242	-2.025	-1.451
491	4.90	-0.617	0.269	0.953	1.231	1.040	0.499	-0.129	-0.544	-0.537	-0.097

Table 7—3—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.579	1.161	1.329	0.926	0.033	-1.069	-1.924	-2.266	-1.951	-1.103
511	5.10	-0.025	0.931	1.507	1.617	1.343	0.848	0.277	-0.306	-0.915	-1.576
521	5.20	-2.243	-2.768	-2.928	-2.519	-1.466	0.106	1.893	3.489	4.525	4.748
531	5.30	4.182	2.908	1.204	-0.619	-2.248	-3.397	-3.832	-3.416	-2.169	-0.518
541	5.40	1.716	3.402	4.270	4.083	2.949	1.294	-0.306	-1.364	-1.695	-1.473
551	5.50	-1.120	-1.056	-1.451	-2.096	-2.500	-2.151	-0.823	1.226	3.311	4.601
561	5.60	4.510	3.009	0.677	-1.545	-2.784	-2.649	-1.412	0.136	1.100	0.949
571	5.70	-0.200	-1.635	-2.422	-1.906	-0.091	2.320	4.243	4.746	3.512	1.014
581	5.80	-1.711	-3.567	-3.930	-2.930	-1.345	-0.173	-0.096	-1.131	-2.642	-3.696
591	5.90	-3.572	-2.151	0.025	2.045	3.109	2.924	1.815	0.498	-0.354	-0.492
601	6.00	-0.190	-0.034	-0.495	-1.575	-2.721	-3.109	-2.132	0.167	2.983	5.054
611	6.10	5.269	3.252	-0.368	-4.176	-6.587	-6.562	-4.076	-0.103	3.867	6.521
621	6.20	7.275	6.422	4.834	3.401	2.552	2.101	1.501	0.322	-1.342	-2.811
631	6.30	-3.158	-1.772	1.173	4.635	7.100	7.281	4.768	0.287	-4.581	-8.097
641	6.40	-9.122	-7.569	-4.329	-0.734	2.129	3.890	4.905	5.838	7.079	8.370
651	6.50	8.879	7.690	4.446	-0.253	-4.959	-7.989	-8.239	-5.778	-1.861	1.666
661	6.60	3.296	2.640	0.628	-0.987	-0.612	2.251	6.594	10.285	11.073	7.725
671	6.70	0.739	-7.764	-14.917	-18.341	-17.151	-12.242	-5.763	-0.060	3.357	4.324
681	6.80	3.807	3.124	3.098	3.596	3.705	2.414	-0.621	-4.701	-8.336	-10.009
691	6.90	-9.064	-6.143	-2.944	-1.351	-2.380	-5.520	-8.860	-9.996	-7.292	-0.873
701	7.00	7.228	13.859	16.167	12.962	5.378	-3.530	-10.067	-11.486	-7.149	1.252
711	7.10	10.485	17.175	19.163	16.224	9.909	2.676	-3.210	-6.480	-7.065	-5.739
721	7.20	-3.494	-1.044	1.310	3.465	5.183	5.939	5.073	2.227	-2.268	-7.283
731	7.30	-11.222	-12.674	-11.080	-7.058	-2.196	1.617	3.009	1.692	-1.476	-4.952
741	7.40	-7.304	-7.755	-6.518	-4.497	-2.719	-1.767	-1.516	-1.285	-0.309	1.766
751	7.50	4.617	7.356	8.940	8.671	6.501	3.033	-0.771	-3.994	-6.079	-6.910
761	7.60	-6.679	-5.659	-4.034	-1.881	0.716	3.528	6.146	8.070	8.934	8.653
771	7.70	7.483	5.886	4.307	2.974	1.841	0.701	-0.607	-2.026	-3.250	-3.865
781	7.80	-3.578	-2.399	-0.668	1.081	2.345	2.848	2.586	1.742	0.540	-0.849
791	7.90	-2.271	-3.484	-4.072	-3.519	-1.470	1.939	5.872	8.905	9.512	6.748
801	8.00	0.866	-6.637	-13.257	-16.600	-15.302	-9.690	-1.732	5.754	10.277	10.728
811	8.10	7.801	3.595	0.582	0.417	3.177	7.361	10.654	11.046	7.793	1.737
821	8.20	-5.108	-10.484	-12.868	-12.025	-8.930	-5.154	-2.080	-0.336	0.292	0.548
831	8.30	1.100	2.209	3.635	4.895	5.636	5.863	5.859	5.878	5.805	5.062
841	8.40	2.867	-1.249	-6.943	-12.909	-17.221	-18.090	-14.696	-7.684	0.943	8.535
851	8.50	12.823	12.791	9.019	3.347	-1.965	-5.181	-5.713	-4.174	-1.891	-0.165
861	8.60	0.347	-0.160	-0.883	-0.965	0.089	1.981	3.965	5.167	5.056	3.701
871	8.70	1.710	-0.092	-1.060	-1.009	-0.237	0.673	1.167	0.976	0.196	-0.824
881	8.80	-1.679	-2.123	-2.150	-1.943	-1.738	-1.678	-1.738	-1.748	-1.494	-0.836
891	8.90	0.213	1.469	2.633	3.390	3.512	2.950	1.871	0.646	-0.247	-0.355
901	9.00	0.582	2.497	4.963	7.272	8.639	8.455	6.500	3.033	-1.284	-5.590
911	9.10	-9.087	-11.236	-11.839	-10.993	-8.967	-6.096	-2.729	0.743	3.845	6.032
921	9.20	6.799	5.861	3.328	-0.228	-3.885	-6.640	-7.750	-6.984	-4.695	-1.662
931	9.30	1.214	3.262	4.140	4.036	3.304	2.316	1.223	0.153	-1.110	-2.551
941	9.40	-3.934	-4.809	-4.662	-3.161	-0.357	3.248	6.821	9.460	10.490	9.681
951	9.50	7.302	4.007	0.616	-2.125	-3.721	-3.997	-3.072	-1.283	0.922	3.058
961	9.60	4.671	5.601	5.032	3.560	1.118	-1.847	-4.845	-7.351	-8.929	-9.317
971	9.70	-8.463	-6.518	-3.801	-0.747	2.144	4.379	5.550	5.431	4.068	1.807
981	9.80	-0.751	-2.905	-4.062	-3.939	-2.679	-0.807	0.958	1.975	1.932	0.958
991	9.90	-0.441	-1.607	-2.014	-1.485	-0.235	1.255	2.490	3.195	3.432	3.532

Table 7—3—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.877	4.260	5.226	6.606	6.714	5.632	3.333	0.237	-2.931	-5.424
1011	10.10	-6.758	-6.883	-6.145	-5.099	-4.237	-3.786	-3.656	-3.551	-3.166	-2.361
1021	10.20	-1.258	-0.153	0.630	0.903	0.698	0.236	-0.197	-0.387	-0.283	0.012
1031	10.30	0.317	0.488	0.482	0.368	0.265	0.270	0.409	0.633	0.862	1.024
1041	10.40	1.085	1.037	0.875	0.586	0.170	-0.322	-0.752	-0.917	-0.620	0.211
1051	10.50	1.442	2.721	3.585	3.663	2.768	1.188	-0.566	-1.837	-2.127	-1.286
1061	10.60	0.411	2.370	3.912	4.532	4.037	2.719	0.920	-0.366	-2.330	-3.388
1071	10.70	-4.142	-4.753	-5.303	-5.732	-5.858	-5.478	-4.489	-2.961	-1.139	0.634
1081	10.80	2.032	2.846	3.043	2.751	2.205	1.656	1.292	1.185	1.274	1.395
1091	10.90	1.338	0.934	0.124	-0.992	-2.167	-3.076	-3.632	-3.099	-2.160	-0.899
1101	11.00	0.302	1.107	1.363	1.154	0.745	0.447	0.461	0.778	1.191	1.416
1111	11.10	1.263	0.768	0.213	0.010	0.493	1.718	3.378	4.876	5.551	4.955
1121	11.20	3.067	0.341	-2.445	-4.673	-5.193	-4.516	-2.821	-0.778	0.932	1.874
1131	11.30	1.982	1.519	0.897	0.455	0.311	0.345	0.308	0.003	-0.571	-1.187
1141	11.40	-1.480	-1.529	-0.033	1.606	3.329	4.585	4.961	4.249	2.694	0.716
1151	11.50	-1.173	-2.576	-3.342	-3.591	-3.626	-3.778	-4.257	-5.064	-5.986	-6.478
1161	11.60	-6.795	-6.115	-4.623	-2.524	-0.184	1.966	3.551	4.343	4.305	3.579
1171	11.70	2.428	1.145	-0.022	-0.912	-1.456	-1.641	-1.470	-0.936	-0.037	1.188
1181	11.80	2.613	4.017	5.109	5.616	5.364	4.348	2.736	0.811	-1.123	-2.821
1191	11.90	-4.141	-5.027	-5.450	-5.368	-4.716	-3.458	-1.660	0.457	2.532	4.160
1201	12.00	5.035	5.073	4.462	3.590	2.892	2.667	2.945	3.480	3.848	3.631
1211	12.10	2.590	0.773	-1.489	-3.671	-5.214	-5.666	-4.804	-2.686	0.338	3.476
1221	12.20	6.592	8.354	8.414	6.587	3.149	-1.179	-5.405	-8.548	-9.940	-9.435
1231	12.30	-7.433	-6.714	-2.131	-0.309	0.542	0.619	0.351	0.155	0.235	0.532
1241	12.40	0.806	0.812	0.449	-0.196	-0.914	-1.502	-1.877	-2.085	-2.218	-2.293
1251	12.50	-2.181	-1.665	-0.490	1.263	3.277	4.962	5.691	5.079	3.191	0.575
1261	12.60	-1.931	-3.521	-3.740	-2.657	-0.801	1.080	2.342	2.683	2.215	1.336
1271	12.70	0.517	0.086	0.134	0.551	1.152	1.790	2.407	2.990	3.484	3.744
1281	12.80	3.562	2.779	1.408	-0.306	-1.943	-3.070	-3.426	-3.047	-2.243	-1.441
1291	12.90	-0.974	-0.918	-1.065	-1.053	-0.574	0.435	1.735	2.885	3.446	3.189
1301	13.00	2.197	0.808	-0.553	-1.572	-2.161	-2.439	-2.591	-2.710	-2.697	-2.311
1311	13.10	-1.320	0.307	2.295	4.103	5.115	4.892	3.366	0.890	-1.898	-4.319
1321	13.20	-5.895	-6.483	-6.253	-5.533	-4.608	-3.593	-2.420	-0.950	0.866	2.877
1331	13.30	4.721	5.938	6.165	5.195	3.247	0.719	-1.848	-3.955	-5.269	-5.676
1341	13.40	-5.262	-4.236	-2.868	-1.419	-0.121	0.853	1.492	1.514	1.271	0.828
1351	13.50	0.362	0.017	-0.143	-0.144	-0.059	0.049	0.199	0.408	0.844	1.560
1361	13.60	2.528	3.599	4.548	5.149	5.266	4.889	4.115	3.068	1.842	0.450
1371	13.70	-1.145	-2.948	-4.843	-6.567	-7.746	-8.018	-7.176	-5.276	-2.651	0.176
1381	13.80	2.652	4.349	5.079	4.911	4.102	2.986	1.865	0.945	0.310	-0.047
1391	13.90	-0.186	-0.196	-0.175	-0.222	-0.419	-0.813	-1.391	-2.070	-2.716	-3.176
1401	14.00	-3.331	-3.135	-2.619	-1.883	-1.055	-0.262	0.397	0.846	1.062	0.968
1411	14.10	0.652	0.178	-0.311	-0.638	-0.648	-0.261	0.484	1.441	2.206	3.199
1421	14.20	3.728	4.009	4.126	4.154	4.084	3.801	3.135	1.961	0.309	-1.587
1431	14.30	-3.328	-4.488	-4.778	-4.179	-2.973	-1.648	-0.707	-0.480	-0.988	-1.947
1441	14.40	-2.888	-3.355	-3.081	-2.085	-0.640	0.856	2.048	2.758	3.026	3.056
1451	14.50	3.095	3.311	3.720	4.185	4.490	4.436	3.925	2.997	1.804	0.556
1461	14.60	-0.544	-1.349	-1.789	-1.868	-1.665	-1.230	-0.764	-0.411	-0.320	-0.592
1471	14.70	-1.231	-2.124	-3.053	-3.756	-4.007	-3.692	-2.850	-1.660	-0.378	0.757
1481	14.80	1.586	2.058	2.210	2.107	1.795	1.281	0.565	-0.312	-1.220	-1.943
1491	14.90	-2.234	-1.912	-0.956	0.450	1.960	3.166	3.761	3.553	2.704	1.480

Table 7—3—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.239	-0.719	-1.243	-1.349	-1.169	-0.870	-0.570	-0.311	-0.073	0.177
1511	15.10	0.434	0.637	0.696	0.533	0.132	-0.446	-1.088	-1.671	-2.119	-2.421
1521	15.20	-2.621	-2.776	-2.908	-2.977	-2.893	-2.551	-1.897	-0.958	0.138	1.203
1531	15.30	2.039	2.504	2.552	2.244	1.718	1.142	0.561	0.363	0.264	0.317
1541	15.40	0.445	0.562	0.603	0.535	0.354	0.084	-0.231	-0.528	-0.735	-0.778
1551	15.50	-0.591	-0.146	0.537	1.377	2.239	2.967	3.424	3.522	3.276	2.739
1561	15.60	2.022	1.224	0.405	-0.421	-1.270	-2.146	-3.014	-3.795	-4.393	-4.742
1571	15.70	-4.843	-4.765	-4.614	-4.461	-4.290	-3.979	-3.340	-2.217	-0.578	1.424
1581	15.80	3.467	5.158	6.168	6.349	5.788	4.760	3.613	2.635	1.954	1.530
1591	15.90	1.213	0.851	0.377	-0.158	-0.628	-0.908	-0.958	-0.844	-0.706	-0.681
1601	16.00	-0.825	-1.085	-1.325	-1.405	-1.256	-0.922	-0.537	-0.246	-0.127	-0.142
1611	16.10	-0.156	-0.012	0.377	0.963	1.572	1.976	1.997	1.598	0.897	0.120
1621	16.20	-0.516	-0.900	-1.084	-1.251	-1.616	-2.307	-3.283	-4.330	-5.134	-5.409
1631	16.30	-5.004	-3.968	-2.517	-0.949	0.464	1.564	2.318	2.787	3.050	3.146
1641	16.40	3.058	2.733	2.148	1.349	0.466	-0.328	-0.879	-1.113	-1.058	-0.817
1651	16.50	-0.511	-0.209	0.097	0.477	1.002	1.676	2.396	2.962	3.154	2.819
1661	16.60	1.952	0.718	-0.586	-1.631	-2.158	-2.059	-1.402	-0.396	0.683	1.583
1671	16.70	2.130	2.268	2.042	1.574	1.014	0.507	0.161	0.024	0.087	0.286
1681	16.80	0.532	0.737	0.850	0.865	0.816	0.747	0.681	0.602	0.459	0.204
1691	16.90	-0.175	-0.629	-1.068	-1.408	-1.629	-1.808	-2.093	-2.625	-3.432	-4.366
1701	17.00	-5.109	-5.281	-4.601	-3.047	-0.920	1.232	2.796	3.339	2.792	1.493
1711	17.10	0.062	-0.842	-0.793	0.236	1.861	3.458	4.410	4.348	3.277	1.542
1721	17.20	-0.337	-1.871	-2.770	-3.002	-2.737	-2.226	-1.678	-1.195	-0.774	-0.366
1731	17.30	0.055	0.458	0.763	0.887	0.786	0.479	0.036	-0.456	-0.918	-1.292
1741	17.40	-1.529	-1.573	-1.363	-0.852	-0.051	0.946	1.984	2.791	3.259	3.309
1751	17.50	3.022	2.583	2.204	2.028	2.063	2.183	2.188	1.900	1.248	0.308
1761	17.60	-0.727	-1.620	-2.180	-2.325	-2.098	-1.637	-1.114	-0.677	-0.414	-0.347
1771	17.70	-0.438	-0.614	-0.788	-0.871	-0.794	-0.521	-0.068	0.494	1.056	1.499
1781	17.80	1.739	1.750	1.572	1.286	0.975	0.680	0.409	0.100	-0.243	-0.611
1791	17.90	-0.935	-1.125	-1.110	-0.886	-0.520	-0.121	0.213	0.447	0.616	0.795
1801	18.00	1.023	1.258	1.357	1.131	0.442	-0.706	-2.123	-3.476	-4.408	-4.668
1811	18.10	-4.217	-3.239	-2.052	-1.007	-0.295	0.056	0.182	0.282	0.506	0.882
1821	18.20	1.317	1.662	1.800	1.707	1.456	1.166	0.935	0.793	0.703	0.616
1831	18.30	0.519	0.465	0.540	0.800	1.199	1.570	1.680	1.535	0.494	-0.680
1841	18.40	-1.854	-2.651	-2.813	-2.306	-1.350	-0.312	0.439	0.695	0.474	-0.018
1851	18.50	-0.504	-0.785	-0.823	-0.740	-0.722	-0.897	-1.247	-1.607	-1.751	-1.518
1861	18.60	-0.910	-0.114	0.579	0.901	0.732	0.152	-0.602	-1.250	-1.588	-1.571
1871	18.70	-1.299	-0.938	-0.616	-0.356	-0.072	0.359	1.002	1.797	2.566	3.081
1881	18.80	3.176	2.828	2.177	1.461	0.909	0.643	0.633	0.733	0.781	0.687
1891	18.90	0.484	0.300	0.262	0.404	0.617	0.680	0.376	-0.386	-1.483	-2.597
1901	19.00	-3.325	-3.352	-2.594	-1.249	0.270	1.497	2.097	1.988	1.369	0.511
1911	19.10	-0.200	-0.616	-0.778	-0.884	-1.158	-1.707	-2.444	-3.113	-3.401	-3.084
1921	19.20	-2.139	-0.766	0.696	1.889	2.581	2.734	2.491	2.086	1.735	1.555
1931	19.30	1.531	1.557	1.506	1.290	0.904	0.410	-0.098	-0.530	-0.832	-0.986
1941	19.40	-1.003	-0.913	-0.761	-0.614	-0.556	-0.674	-1.028	-1.616	-2.350	-3.067
1951	19.50	-3.574	-3.707	-3.388	-2.654	-1.640	-0.526	0.523	1.401	2.072	2.545
1961	19.60	2.835	2.933	2.806	2.427	1.815	1.074	0.382	-0.050	-0.051	0.434
1971	19.70	1.309	2.344	3.235	3.701	3.584	2.887	1.775	0.515	-0.613	-1.401
1981	19.80	-1.766	-1.749	-1.473	-1.079	-0.671	-0.281	0.107	0.514	0.932	1.267
1991	19.90	1.388	1.158	0.518	-0.470	-1.606	-2.613	-3.216	-3.251	-2.717	-1.783

Table 7—3—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1150 S03-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.715	0.219	0.867	1.140	1.196	1.168	1.176	1.244	1.294	1.187
2011	20.10	0.807	0.127	-0.764	-1.682	-2.419	-2.810	-2.789	-2.389	-1.722	-0.917
2021	20.20	-0.088	0.692	1.381	1.950	2.366	2.589	2.581	2.323	1.822	1.112
2031	20.30	0.249	-0.693	-1.619	-2.407	-2.913	-2.991	-2.545	-1.573	-0.215	1.263
2041	20.40	2.524	3.265	3.313	2.694	1.628	0.448	-0.512	-1.032	-1.065	-0.718
2051	20.50	-0.184	0.355	0.800	1.150	1.463	1.795	2.146	2.450	2.606	2.535
2061	20.60	2.228	1.757	1.240	0.788	0.457	0.229	0.039	-0.177	-0.442	-0.727
2071	20.70	-0.974	-1.149	-1.275	-1.440	-1.757	-2.298	-3.036	-3.827	-4.446	-4.671
2081	20.80	-4.362	-3.527	-2.316	-0.974	0.249	1.174	1.733	1.961	1.955	1.814
2091	20.90	1.608	1.364	1.089	0.792	0.506	0.282	0.168	0.186	0.314	0.496
2101	21.00	0.661	0.752	0.741	0.639	0.478	0.298	0.126	-0.022	-0.142	-0.233
2111	21.10	-0.297	-0.335	-0.354	-0.372	-0.411	-0.487	-0.605	-0.751	-0.901	-1.031
2121	21.20	-1.136	-1.226	-1.323	-1.440	-1.561	-1.644	-1.623	-1.441	-1.107	-0.564
2131	21.30	0.020	0.572	1.007	1.283	1.409	1.429	1.391	1.315	1.181	0.962
2141	21.40	0.554	0.007	-0.646	-1.302	-1.833	-2.128	-2.132	-1.860	-1.396	-0.854
2151	21.50	-0.367	0.065	0.287	0.389	0.384	0.314	0.214	0.107	0.009	-0.071
2161	21.60	-0.124	-0.137	-0.099	-0.004	0.148	0.364	0.561	0.766	0.921	0.994
2171	21.70	0.970	0.864	0.719	0.599	0.566	0.656	0.857	1.111	1.329	1.426
2181	21.80	1.357	1.161	0.857	0.611	0.495	0.542	0.710	0.899	0.987	0.886
2191	21.90	0.573	0.100	-0.433	-0.917	-1.276	-1.485	-1.563	-1.546	-1.453	-1.277
2201	22.00	-0.996	-0.594	-0.102	0.403	0.804	0.994	0.919	0.614	0.197	-0.168
2211	22.10	-0.334	-0.226	0.127	0.608	1.056	1.328	1.350	1.138	0.777	0.378
2221	22.20	0.030	-0.231	-0.425	-0.603	-0.813	-1.069	-1.338	-1.565	-1.694	-1.705
2231	22.30	-1.630	-1.537	-1.508	-1.596	-1.807	-2.094	-2.379	-2.584	-2.666	-2.624
2241	22.40	-2.489	-2.296	-2.041	-1.698	-1.207	-0.524	0.335	1.276	2.139	2.765
2251	22.50	2.968	2.785	2.295	1.681	1.138	0.797	0.677	0.692	0.709	0.631
2261	22.60	0.457	0.295	0.305	0.615	1.236	2.024	2.723	3.062	2.869	2.154
2271	22.70	1.111	0.048	-0.737	-1.065	-0.942	-0.538	-0.097	0.162	0.135	-0.149
2281	22.80	-0.561	-0.951	-1.217	-1.336	-1.351	-1.329	-1.310	-1.286	-1.212	-1.040
2291	22.90	-0.757	-0.399	-0.038	0.253	0.438	0.532	0.589	0.668	0.801	0.974
2301	23.00	1.133	1.212	1.164	0.989	0.726	0.444	0.208	0.062	0.019	0.068
2311	23.10	0.181	0.331	0.490	0.633	0.733	0.767	0.719	0.593	0.415	0.232
2321	23.20	0.096	0.054	0.126	0.308	0.564	0.860	1.074	1.208	1.200	1.035
2331	23.30	0.734	0.353	-0.027	-0.323	-0.478	-0.485	-0.388	-0.266	-0.201	-0.230
2341	23.40	-0.333	-0.434	-0.439	-0.291	-0.004	0.327	0.565	0.592	0.368	-0.038
2351	23.50	-0.475	-0.773	-0.818	-0.616	-0.286	-0.018	0.022	-0.238	-0.732	-1.286
2361	23.60	-1.690	-1.787	-1.540	-1.039	-0.455	0.038	0.339	0.452	0.466	0.499
2371	23.70	0.628	0.866	1.070	1.184	1.106	0.831	0.456	0.126	-0.021	0.086
2381	23.80	0.422	0.878	1.313	1.610	1.715	1.644	1.449	1.177	0.839	0.408
2391	23.90	-0.144	-0.810	-1.510	-2.108	-2.449	-2.431	-2.058	-1.448	-0.792	-0.280
2401	24.00	-0.019	0.011	-0.062	-0.068	0.112	0.484	0.926	1.249	1.279	0.954
2411	24.10	0.354	-0.322	-0.860	-1.035	-0.874	-0.473	-0.041	0.211	0.150	-0.231
2421	24.20	-0.822	-1.451	-1.953	-2.219	-2.222	-2.003	-1.641	-1.224	-0.832	-0.521
2431	24.30	-0.323	-0.240	-0.238	-0.251	-0.198	-0.013	0.314	0.721	1.085	1.267
2441	24.40	1.176	0.818	0.313	-0.143	-0.353	-0.202	0.251	0.996	1.625	2.024
2451	24.50	2.053	1.718	1.142	0.501	-0.044	-0.602	-0.572	-0.617	-0.623	-0.659
2461	24.60	-0.751	-0.888	-1.034	-1.153	-1.223	-1.239	-1.210	-1.153	-1.089	-1.035
2471	24.70	-1.002	-0.988	-0.974	-0.928	-0.819	-0.635	-0.391	-0.137	0.068	0.179
2481	24.80	0.197	0.171	0.190	0.334	0.636	1.053	1.472	1.750	1.769	1.485
2491	24.90	0.945	0.273	-0.376	-0.869	-1.129	-1.146	-0.957	-0.626	-0.219	0.204

Table 7—3—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1150 S03-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.584	0.855	0.956	0.865	0.519	0.033	-0.512	-0.994	-1.313	-1.428
2511	25.10	-1.366	-1.208	-1.057	-0.991	-1.042	-1.186	-1.367	-1.519	-1.597	-1.588
2521	25.20	-1.508	-1.395	-1.284	-1.204	-1.164	-1.131	-1.131	-1.055	-0.874	-0.555
2531	25.30	-0.097	0.452	1.006	1.463	1.742	1.813	1.713	1.537	1.394	1.366
2541	25.40	1.476	1.679	1.890	2.029	2.059	2.001	1.918	1.877	1.910	1.987
2551	25.50	2.033	1.958	1.707	1.287	0.772	0.274	-0.101	-0.292	-0.297	-0.171
2561	25.60	0.008	0.168	0.271	0.312	0.311	0.298	0.293	0.301	0.320	0.344
2571	25.70	0.368	0.394	0.427	0.468	0.521	0.585	0.659	0.742	0.827	0.896
2581	25.80	0.921	0.866	0.703	0.419	0.027	-0.430	-0.895	-1.301	-1.600	-1.763
2591	25.90	-1.788	-1.695	-1.509	-1.258	-0.961	-0.628	-0.272	0.094	0.440	0.728
2601	26.00	0.911	0.948	0.816	0.525	0.123	-0.311	-0.686	-0.922	-0.975	-0.848
2611	26.10	-0.596	-0.300	-0.044	0.113	0.149	0.082	-0.050	-0.206	-0.352	-0.470
2621	26.20	-0.542	-0.546	-0.444	-0.199	0.212	0.776	1.427	2.061	2.561	2.833
2631	26.30	2.836	2.601	2.214	1.787	1.418	1.158	1.003	0.897	0.765	0.546
2641	26.40	0.216	-0.198	-0.630	-0.997	-1.231	-1.299	-1.218	-1.046	-0.864	-0.743
2651	26.50	-0.717	-0.774	-0.855	-0.886	-0.812	-0.620	-0.356	-0.107	0.036	0.012
2661	26.60	-0.179	-0.477	-0.787	-1.015	-1.112	-1.084	-0.983	-0.873	-0.802	-0.774
2671	26.70	-0.755	-0.699	-0.575	-0.388	-0.179	-0.602	0.097	0.106	0.042	-0.062
2681	26.80	-0.180	-0.306	-0.446	-0.605	-0.765	-0.880	-0.891	-0.759	-0.496	-0.172
2691	26.90	0.103	0.224	0.140	-0.118	-0.443	-0.697	-0.770	-0.626	-0.321	0.023
2701	27.00	0.276	0.353	0.245	0.016	-0.234	-0.418	-0.493	-0.471	-0.397	-0.319
2711	27.10	-0.260	-0.211	-0.169	-0.050	0.086	0.237	0.375	0.482	0.564	0.642
2721	27.20	0.736	0.841	0.921	0.916	0.774	0.472	0.041	-0.442	-0.882	-1.202
2731	27.30	-1.371	-1.410	-1.379	-1.345	-1.357	-1.425	-1.530	-1.633	-1.701	-1.716
2741	27.40	-1.671	-1.568	-1.400	-1.158	-0.830	-0.421	0.043	0.511	0.927	1.240
2751	27.50	1.429	1.502	1.495	1.450	1.400	1.361	1.329	1.292	1.236	1.157
2761	27.60	1.057	0.943	0.826	0.713	0.618	0.559	0.559	0.631	0.773	0.958
2771	27.70	1.134	1.252	1.240	1.124	0.933	0.735	0.602	0.575	0.645	0.753
2781	27.80	0.814	0.757	0.550	0.222	-0.155	-0.487	-0.710	-0.795	-0.764	-0.669
2791	27.90	-0.569	-0.505	-0.492	-0.521	-0.572	-0.626	-0.663	-0.665	-0.608	-0.466
2801	28.00	-0.224	0.107	0.479	0.814	1.027	1.065	0.931	0.694	0.465	0.342
2811	28.10	0.371	0.513	0.658	0.672	0.464	0.030	-0.536	-1.081	-1.463	-1.621
2821	28.20	-1.602	-1.545	-1.608	-1.863	-2.341	-2.826	-3.116	-3.015	-2.446	-1.496
2831	28.30	-0.390	0.592	1.215	1.384	1.161	0.733	0.322	0.100	0.123	0.329
2841	28.40	0.584	0.752	0.756	0.604	0.371	0.153	0.020	-0.015	0.009	0.028
2851	28.50	-0.008	-0.106	-0.228	-0.312	-0.304	-0.181	0.039	0.307	0.563	0.765
2861	28.60	0.900	0.980	1.029	1.069	1.099	1.101	1.042	0.897	0.657	0.369
2871	28.70	0.029	-0.231	-0.359	-0.309	-0.081	0.272	0.656	0.961	1.091	0.998
2881	28.80	0.698	0.267	-0.188	-0.561	-0.780	-0.825	-0.723	-0.522	-0.268	0.010
2891	28.90	0.302	0.597	0.864	1.045	1.067	0.875	0.461	-0.113	-0.723	-1.226
2901	29.00	-1.504	-1.508	-1.275	-0.904	-0.510	-0.178	0.064	0.247	0.427	0.646
2911	29.10	0.909	1.180	1.406	1.551	1.611	1.622	1.626	1.641	1.647	1.583
2921	29.20	1.387	1.031	0.549	0.036	-0.388	-0.624	-0.638	-0.470	-0.212	0.036
2931	29.30	0.213	0.314	0.380	0.465	0.590	0.728	0.813	0.770	0.563	0.211
2941	29.40	-0.210	-0.602	-0.890	-1.049	-1.113	-1.154	-1.240	-1.404	-1.430	-1.863
2951	29.50	-2.035	-2.092	-2.014	-1.818	-1.560	-1.225	-0.912	-0.633	-0.412	-0.264
2961	29.60	-0.190	-0.173	-0.178	-0.159	-0.079	0.070	0.260	0.431	0.518	0.478
2971	29.70	0.319	0.098	-0.105	-0.214	-0.200	-0.084	0.069	0.186	0.224	0.184
2981	29.80	0.113	0.075	0.116	0.244	0.426	0.605	0.727	0.766	0.730	0.649
2991	29.90	0.560	0.493	0.460	0.464	0.504	0.576	0.674	0.776	0.846	0.842

Table 7—3—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.734	0.521	0.243	-0.034	-0.247	-0.372	-0.441	-0.533	-0.741	-1.115
3011	30.10	-1.634	-2.192	-2.640	-2.839	-2.721	-2.321	-1.757	-1.182	-0.723	-0.433
3021	30.20	-0.280	-0.180	-0.051	0.148	0.389	0.602	0.709	0.672	0.512	0.302
3031	30.30	0.128	0.059	0.111	0.251	0.418	0.558	0.640	0.669	0.675	0.684
3041	30.40	0.709	0.751	0.718	0.713	0.622	0.488	0.337	0.201	0.109	0.075
3051	30.50	0.100	0.166	0.241	0.287	0.261	0.139	-0.076	-0.365	-0.593	-0.738
3061	30.60	-0.716	-0.518	-0.200	0.130	0.353	0.386	0.221	-0.070	-0.365	-0.565
3071	30.70	-0.552	-0.411	-0.223	-0.114	-0.172	-0.402	-0.717	-0.979	-1.052	-0.871
3081	30.80	-0.461	0.066	0.569	0.935	1.118	1.150	1.113	1.083	1.096	1.129
3091	30.90	1.121	1.008	0.765	0.421	0.049	-0.269	-0.481	-0.589	-0.640	-0.706
3101	31.00	-0.839	-1.050	-1.302	-1.531	-1.679	-1.720	-1.670	-1.574	-1.478	-1.400
3111	31.10	-1.326	-1.211	-1.014	-0.719	-0.351	0.024	0.334	0.523	0.581	0.543
3121	31.20	0.477	0.450	0.502	0.632	0.804	0.969	1.086	1.141	1.146	1.124
3131	31.30	1.097	1.066	1.015	0.921	0.771	0.575	0.363	0.174	0.037	-0.042
3141	31.40	-0.081	-0.114	-0.167	-0.248	-0.335	-0.396	-0.402	-0.350	-0.267	-0.202
3151	31.50	-0.202	-0.290	-0.443	-0.605	-0.701	-0.667	-0.482	-0.170	0.204	0.563
3161	31.60	0.861	1.008	1.073	1.070	1.041	1.015	1.003	0.995	0.976	0.932
3171	31.70	0.865	0.786	0.705	0.661	0.593	0.555	0.512	0.452	0.379	0.268
3181	31.80	0.158	0.053	-0.033	-0.089	-0.112	-0.101	-0.065	-0.013	0.043	0.091
3191	31.90	0.124	0.141	0.146	0.147	0.151	0.162	0.180	0.203	0.225	0.245
3201	32.00	0.264	0.284	0.309	0.339	0.372	0.405	0.434	0.457	0.475	0.487
3211	32.10	0.494	0.494	0.487	0.474	0.461	0.451	0.445	0.436	0.411	0.351
3221	32.20	0.247	0.105	-0.049	-0.177	-0.240	-0.222	-0.137	-0.028	0.045	0.034
3231	32.30	-0.076	-0.259	-0.459	-0.618	-0.702	-0.724	-0.730	-0.779	-0.903	-1.083
3241	32.40	-1.244	-1.288	-1.134	-0.767	-0.257	0.256	0.610	0.681	0.628	0.085
3251	32.50	-0.714	-1.293	-1.682	-1.821	-1.728	-1.486	-1.197	-0.946	-0.726	-0.685
3261	32.60	-0.667	-0.629	-0.608	-0.574	-0.529	-0.477	-0.423	-0.374	-0.344	-0.350
3271	32.70	-0.409	-0.519	-0.656	-0.774	-0.818	-0.749	-0.566	-0.311	-0.058	0.120
3281	32.80	0.179	0.127	0.022	-0.057	-0.040	0.097	0.323	0.567	0.747	0.806
3291	32.90	0.736	0.573	0.383	0.227	0.143	0.131	0.162	0.202	0.226	0.231
3301	33.00	0.231	0.251	0.307	0.403	0.526	0.655	0.770	0.854	0.902	0.914
3311	33.10	0.896	0.856	0.803	0.746	0.689	0.629	0.556	0.454	0.310	0.120
3321	33.20	-0.103	-0.331	-0.529	-0.669	-0.738	-0.743	-0.706	-0.650	-0.591	-0.530
3331	33.30	-0.463	-0.382	-0.294	-0.215	-0.171	-0.178	-0.234	-0.322	-0.411	-0.481
3341	33.40	-0.531	-0.581	-0.663	-0.799	-0.977	-1.153	-1.257	-1.224	-1.022	-0.672
3351	33.50	-0.241	0.179	0.503	0.686	0.728	0.671	0.572	0.480	0.420	0.393
3361	33.60	0.385	0.380	0.373	0.367	0.372	0.389	0.416	0.442	0.460	0.465
3371	33.70	0.461	0.448	0.424	0.381	0.305	0.194	0.058	-0.078	-0.182	-0.229
3381	33.80	-0.213	-0.154	-0.087	-0.026	-0.029	-0.099	-0.161	-0.184	-0.192	-0.173
3391	33.90	-0.150	-0.146	-0.173	-0.224	-0.272	-0.293	-0.277	-0.236	-0.201	-0.204
3401	34.00	-0.258	-0.349	-0.436	-0.473	-0.426	-0.291	-0.092	0.126	0.326	0.487
3411	34.10	0.615	0.732	0.862	1.013	1.173	1.312	1.397	1.406	1.336	1.202
3421	34.20	1.030	0.847	0.678	0.537	0.431	0.362	0.324	0.306	0.293	0.269
3431	34.30	0.232	0.191	0.170	0.202	0.305	0.473	0.666	0.819	0.866	0.765
3441	34.40	0.520	0.185	-0.156	-0.418	-0.551	-0.558	-0.489	-0.423	-0.428	-0.533
3451	34.50	-0.716	-0.911	-1.037	-1.025	-0.846	-0.521	-0.108	0.313	0.660	0.871
3461	34.60	0.913	0.783	0.508	0.137	-0.266	-0.632	-0.908	-1.062	-1.097	-1.047
3471	34.70	-0.965	-0.901	-0.881	-0.898	-0.914	-0.876	-0.743	-0.505	-0.197	0.117
3481	34.80	0.365	0.494	0.491	0.384	0.232	0.097	0.019	0.005	0.029	0.047
3491	34.90	0.022	-0.062	-0.193	-0.332	-0.434	-0.460	-0.388	-0.217	0.032	0.328

Table 7—3—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1150 503-GR-1-58 HB. (HB.) KANNONZAKI MAX. ACC. = 19.163 (GAL) T= 7.13 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.628	0.890	1.072	1.144	1.097	0.944	0.729	0.508	0.356	0.245
3511	35.10	0.228	0.242	0.223	0.118	-0.090	-0.372	-0.566	-0.563	-0.936	-0.869
3521	35.20	-0.712	-0.563	-0.438	-0.431	-0.503	-0.590	-0.617	-0.536	-0.351	-0.119
3531	35.30	0.076	0.166	0.125	-0.018	-0.194	-0.327	-0.368	-0.316	-0.211	-0.108
3541	35.40	-0.052	-0.052	-0.085	-0.110	-0.093	-0.025	0.077	0.184	0.272	0.337
3551	35.50	0.399	0.481	0.597	0.735	0.859	0.928	0.912	0.816	0.676	0.546
3561	35.60	0.475	0.479	0.538	0.607	0.631	0.578	0.447	0.271	0.092	-0.049
3571	35.70	-0.137	-0.177	-0.194	-0.209	-0.234	-0.267	-0.297	-0.319	-0.340	-0.374
3581	35.80	-0.436	-0.527	-0.631	-0.712	-0.735	-0.678	-0.545	-0.369	-0.197	-0.073
3591	35.90	-0.016	-0.020	-0.056	-0.090	-0.104	-0.103	-0.115	-0.174	-0.303	-0.493
3601	36.00	-0.703	-0.876	-0.956	-0.913	-0.759	-0.540	-0.324	-0.176	-0.131	-0.184
3611	36.10	-0.294	-0.399	-0.436	-0.361	-0.164	0.130	0.472	0.804	1.070	1.234
3621	36.20	1.279	1.208	1.044	0.812	0.541	0.257	-0.024	-0.288	-0.522	-0.715
3631	36.30	-0.855	-0.932	-0.945	-0.906	-0.836	-0.769	-0.732	-0.742	-0.791	-0.849
3641	36.40	-0.870	-0.811	-0.645	-0.380	-0.053	0.272	0.534	0.688	0.734	0.667
3651	36.50	0.566	0.478	0.444	0.477	0.561	0.663	0.743	0.773	0.748	0.682
3661	36.60	0.600	0.526	0.476	0.446	0.422	0.382	0.315	0.219	0.112	0.017
3671	36.70	-0.041	-0.051	-0.019	0.031	0.067	0.061	0.001	-0.107	-0.236	-0.356
3681	36.80	-0.439	-0.475	-0.469	-0.440	-0.409	-0.388	-0.383	-0.386	-0.390	-0.389
3691	36.90	-0.385	-0.384	-0.390	-0.406	-0.426	-0.441	-0.446	-0.440	-0.426	-0.408
3701	37.00	-0.387	-0.353	-0.297	-0.217	-0.124	-0.045	-0.013	-0.050	-0.151	-0.276
3711	37.10	-0.363	-0.344	-0.177	0.138	0.550	0.981	1.369	1.599	1.713	1.711
3721	37.20	1.625	1.484	1.298	1.065	0.783	0.469	0.166	-0.066	-0.177	-0.146
3731	37.30	0.004	0.210	0.397	0.509	0.524	0.466	0.381	0.313	0.283	0.282
3741	37.40	0.277	0.239	0.155	0.034	-0.095	-0.208	-0.292	-0.356	-0.414	-0.472
3751	37.50	-0.518	-0.517	-0.435	-0.254	0.009	0.300	0.567	0.687	0.687	0.562
3761	37.60	0.359	0.137	-0.057	-0.204	-0.312	-0.402	-0.489	-0.570	-0.627	-0.634
3771	37.70	-0.578	-0.464	-0.317	-0.172	-0.057	0.018	0.059	0.085	0.116	0.167
3781	37.80	0.242	0.341	0.462	0.604	0.760	0.914	1.036	1.090	1.038	0.865
3791	37.90	0.586	0.247	-0.086	-0.349	-0.498	-0.528	-0.466	-0.361	-0.263	-0.204

Table 7—4—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	0.0	-6.870	-7.825	-9.990	-10.814	-10.156	-8.355	-6.109	-4.204	-3.211
11	0.10	-3.273	-4.085	-5.080	-5.707	-5.708	-5.229	-4.748	-4.838	-5.888	-7.917
21	0.20	-10.555	-13.200	-15.268	-16.412	-16.601	-16.054	-15.237	-13.475	-11.841	-9.237
31	0.30	-5.431	-0.381	5.690	12.130	18.026	22.475	24.864	25.070	23.488	20.894
41	0.40	18.183	16.067	14.853	14.358	13.994	12.994	10.688	6.754	1.337	-4.989
51	0.50	-11.401	-17.072	-21.403	-24.145	-25.374	-25.360	-24.395	-22.661	-20.220	-17.089
61	0.60	-13.385	-9.408	-5.626	-2.539	-0.481	0.545	0.902	1.184	1.986	3.648
71	0.70	6.126	9.030	11.817	14.050	15.577	16.558	17.318	18.116	18.943	19.485
81	0.80	19.231	17.742	14.866	10.855	6.291	1.865	-1.890	-4.765	-6.893	-8.610
91	0.90	-10.243	-11.946	-13.662	-15.202	-16.397	-17.213	-17.759	-18.187	-18.547	-18.687
101	1.00	-18.266	-16.897	-14.341	-10.672	-6.301	-1.858	1.977	4.788	6.448	7.159
111	1.10	7.314	7.327	7.506	8.002	8.843	9.998	11.421	13.032	14.678	16.090
121	1.20	16.910	16.778	15.468	12.996	9.647	5.893	2.238	-0.953	-3.553	-5.666
131	1.30	-7.529	-9.357	-11.231	-13.050	-14.582	-15.559	-15.778	-15.150	-13.701	-11.523
141	1.40	-8.739	-5.687	-1.934	1.698	5.161	8.122	10.444	12.050	13.053	13.683
151	1.50	14.188	14.711	15.224	15.536	15.394	14.618	13.224	11.453	9.704	8.378
161	1.60	7.699	7.601	7.708	7.458	6.294	3.880	0.266	-3.186	-8.716	-12.576
171	1.70	-15.171	-16.251	-15.975	-14.824	-13.408	-12.236	-11.533	-11.176	-10.771	-9.836
181	1.80	-8.002	-5.192	-1.632	2.232	5.905	9.013	11.390	13.049	14.062	14.436
191	1.90	14.042	12.681	10.244	6.888	3.135	-0.200	-2.257	-2.458	-0.789	2.101
201	2.00	5.066	6.830	6.448	3.661	-0.993	-6.354	-11.049	-13.963	-14.603	-13.210
211	2.10	-10.613	-7.882	-5.937	-5.254	-5.759	-6.934	-8.065	-8.408	-7.599	-5.539
221	2.20	-2.476	1.120	4.689	7.709	9.805	10.797	10.253	9.942	8.768	7.659
231	2.30	6.936	6.716	6.880	7.128	7.105	6.553	5.420	3.890	2.316	1.089
241	2.40	0.502	0.651	1.423	2.544	3.668	4.449	4.598	3.907	2.276	-0.240
251	2.50	-3.385	-6.674	-9.455	-11.046	-10.989	-9.244	-6.311	-3.139	-0.836	-0.261
261	2.60	-1.854	-4.467	-7.493	-9.278	-8.660	-5.245	0.394	6.872	12.450	15.633
271	2.70	15.655	12.692	7.734	2.172	-2.693	-6.059	-7.786	-8.298	-8.299	-8.449
281	2.80	-9.111	-10.276	-11.639	-12.774	-13.322	-13.116	-12.216	-10.853	-9.350	-7.906
291	2.90	-6.706	-5.683	-4.665	-3.328	-1.516	0.850	3.612	6.419	8.846	10.553
301	3.00	11.433	11.655	11.583	11.589	11.848	12.227	12.343	11.762	10.271	8.056
311	3.10	5.684	3.868	3.114	3.424	4.218	4.562	5.582	0.914	-3.081	-7.428
321	3.20	-10.964	-12.864	-13.010	-12.009	-10.833	-10.272	-10.472	-10.824	-10.276	-7.934
331	3.30	-3.629	1.832	6.916	10.007	10.143	7.490	3.306	-0.614	-2.738	-2.476
341	3.40	-0.409	2.039	3.313	2.463	-0.428	-4.343	-7.868	-9.783	-9.751	-8.206
351	3.50	-6.116	-4.418	-3.563	-3.363	-3.205	-2.675	-0.933	1.139	3.110	4.337
361	3.60	4.497	3.701	2.363	0.915	-0.438	-1.778	-3.304	-5.059	-6.726	-7.657
371	3.70	-7.143	-6.801	-0.857	3.840	8.112	10.937	11.869	11.203	9.785	8.578
381	3.80	8.190	8.606	9.240	9.266	8.047	5.459	1.930	-1.769	-4.860	-6.856
391	3.90	-7.665	-7.496	-6.649	-5.330	-3.600	-1.456	1.015	3.539	5.672	6.947
401	4.00	7.058	5.978	3.953	1.388	-1.321	-3.892	-6.165	-8.040	-9.396	-10.084
411	4.10	-10.009	-9.245	-8.105	-7.080	-6.652	-7.046	-8.077	-9.161	-9.544	-8.633
421	4.20	-6.290	-2.935	0.599	3.395	4.813	4.733	3.554	1.996	0.797	0.456
431	4.30	1.130	2.685	4.846	7.329	9.898	12.329	14.350	15.636	15.877	14.913
441	4.40	12.843	10.034	7.005	4.232	1.963	0.147	-1.484	-3.230	-5.229	-7.355
451	4.50	-9.265	-10.554	-10.939	-10.365	-8.996	-7.106	-4.955	-2.720	-0.525	1.472
461	4.60	3.013	3.774	3.492	2.168	0.087	-2.011	-3.328	-3.159	-1.382	1.835
471	4.70	5.719	9.346	11.904	12.912	12.290	10.285	7.322	3.892	0.495	-2.345
481	4.80	-4.083	-4.224	-2.490	0.997	5.606	10.273	13.768	15.083	13.783	10.167
491	4.90	5.162	-0.026	-4.345	-7.251	-8.822	-9.611	-10.327	-11.474	-13.137	-14.973

Table 7—4—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-16.392	-16.836	-16.009	-13.982	-11.123	-7.931	-4.848	-2.134	0.157	2.108
511	5.10	3.837	5.417	6.850	8.090	9.092	9.850	10.395	10.768	10.973	10.960
521	5.20	10.636	9.923	8.829	7.503	6.234	5.395	5.327	6.201	7.924	10.105
531	5.30	12.131	13.318	13.097	11.192	7.695	3.056	-2.052	-6.889	-10.841	-13.535
541	5.40	-14.883	-15.054	-14.398	-13.368	-12.330	-11.682	-11.586	-12.022	-12.751	-13.353
551	5.50	-13.325	-12.224	-9.826	-6.231	-1.878	2.553	6.328	8.867	9.918	9.615
561	5.60	8.426	7.011	6.028	5.968	7.036	9.116	11.802	14.486	16.498	17.268
571	5.70	16.483	14.196	10.843	7.139	3.862	1.591	0.994	0.253	0.179	-0.527
581	5.80	-2.455	-5.745	-10.029	-14.585	-18.615	-21.548	-23.209	-23.802	-23.719	-23.285
591	5.90	-22.568	-21.339	-19.209	-15.858	-11.246	-5.697	0.172	5.653	10.183	13.501
601	6.00	15.692	17.085	18.088	19.020	20.000	20.926	21.523	21.436	20.335	18.015
611	6.10	14.462	9.897	4.759	-0.358	-4.861	-8.204	-10.224	-11.001	-10.906	-10.446
621	6.20	-10.082	-10.087	-10.486	-11.111	-11.725	-12.156	-12.354	-12.392	-12.356	-12.236
631	6.30	-11.888	-11.039	-9.398	-6.781	-3.204	1.088	5.881	10.090	13.857	16.627
641	6.40	18.169	18.384	17.298	15.068	11.978	8.417	4.819	1.573	-1.057	-3.034
651	6.50	-4.436	-5.472	-6.323	-7.068	-7.655	-7.950	-7.842	-7.336	-6.600	-5.932
661	6.60	-5.656	-6.006	-7.030	-8.569	-10.315	-11.915	-13.085	-13.686	-13.740	-13.383
671	6.70	-12.727	-12.020	-11.084	-9.815	-7.992	-5.443	-2.160	1.608	5.349	8.375
681	6.80	10.009	9.790	7.656	4.010	-0.356	-4.462	-7.403	-8.581	-7.824	-5.373
691	6.90	-1.745	2.441	6.621	10.360	13.357	15.408	16.382	16.230	15.018	12.951
701	7.00	10.344	7.532	4.759	2.088	-0.586	-3.435	-6.535	-9.724	-12.574	-14.500
711	7.10	-14.974	-13.749	-10.987	-7.216	-3.143	0.605	3.687	6.110	8.121	9.995
721	7.20	11.834	13.472	14.539	14.649	13.606	11.535	8.862	6.173	3.995	2.635
731	7.30	2.110	2.201	2.575	2.913	2.978	2.622	1.749	0.300	-1.722	-4.200
741	7.40	-6.844	-9.216	-10.821	-11.278	-10.469	-8.614	-6.209	-3.842	-1.975	-0.763
751	7.50	-0.023	0.657	1.706	3.353	5.509	7.793	9.690	10.764	10.825	9.991
761	7.60	8.613	7.117	5.840	4.917	4.276	3.720	3.037	2.107	0.965	-0.314
771	7.70	-1.467	-2.306	-2.667	-2.453	-1.453	-0.351	1.261	2.891	4.186	4.807
781	7.80	4.530	3.322	1.378	-0.928	-3.161	-4.960	-6.114	-6.225	-6.869	-6.737
791	7.90	-6.386	-5.710	-4.497	-2.555	0.129	3.298	6.442	8.936	10.250	10.139
801	8.00	8.738	6.521	4.131	2.162	0.971	0.592	0.777	1.136	1.299	1.053
811	8.10	0.381	-0.560	-1.537	-2.323	-2.761	-2.775	-2.360	-1.545	-0.389	1.024
821	8.20	2.573	3.101	5.429	6.389	6.855	6.768	6.136	5.022	3.534	1.812
831	8.30	0.031	-1.612	-2.919	-3.744	-4.040	-3.903	-3.556	-3.284	-3.318	-3.732
841	8.40	-4.382	-4.933	-4.979	-4.200	-2.505	-0.089	2.615	5.077	6.844	7.668
851	8.50	7.554	6.699	5.371	3.784	2.026	0.073	-2.138	-4.605	-7.193	-9.624
861	8.60	-11.546	-12.635	-12.702	-11.758	-10.025	-7.890	-5.814	-4.234	-3.456	-3.577
871	8.70	-4.443	-5.668	-6.715	-7.033	-6.229	-4.205	-1.207	2.225	5.440	7.892
881	8.80	9.333	9.882	9.944	9.996	10.336	10.913	11.306	10.889	9.104	5.739
891	8.90	1.081	-4.126	-8.903	-12.351	-13.931	-13.609	-11.811	-9.227	-6.558	-4.305
901	9.00	-2.676	-1.616	-0.931	-0.421	0.026	0.403	0.642	0.659	0.412	-0.073
911	9.10	-0.709	-1.366	-1.889	-2.116	-1.909	-1.188	0.025	1.580	3.212	4.595
921	9.20	5.443	5.596	5.067	4.023	2.693	1.264	-0.198	-1.759	-3.549	-5.618
931	9.30	-8.002	-10.391	-12.497	-14.013	-14.765	-14.760	-14.152	-13.144	-11.868	-10.324
941	9.40	-8.399	-5.968	-3.008	0.310	3.634	6.520	8.570	9.563	9.508	8.616
951	9.50	7.216	5.654	4.222	3.140	2.566	2.610	3.321	4.643	6.371	8.155
961	9.60	9.554	10.168	9.765	8.384	6.326	4.066	2.072	0.673	-0.059	-0.289
971	9.70	-0.324	-0.485	-0.989	-1.907	-3.179	-4.671	-6.230	-7.708	-8.948	-9.772
981	9.80	-9.976	-9.380	-7.891	-5.572	-2.654	0.506	3.524	6.111	8.135	9.621
991	9.90	10.689	11.444	11.900	11.955	11.450	10.269	8.433	6.139	3.718	1.526

Table 7—4—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-0.176	-1.316	-2.017	-2.555	-3.183	-4.126	-5.409	-6.919	-8.449	-9.798
1011	10.10	-10.037	-11.549	-12.202	-12.302	-12.528	-12.700	-12.783	-12.714	-12.451	-12.001
1021	10.20	-11.417	-10.763	-10.065	-9.267	-8.225	-6.745	-4.648	-1.852	1.580	5.437
1031	10.30	9.419	13.220	16.613	19.496	21.872	23.782	25.216	26.056	26.085	25.061
1041	10.40	22.839	19.472	15.263	10.709	6.379	2.751	0.086	-1.623	-2.600	-3.168
1051	10.50	-3.615	-4.191	-4.635	-5.124	-5.452	-5.568	-5.414	-5.098	-4.647	-4.079
1061	10.60	-3.374	-2.520	-1.557	-0.611	0.128	0.465	0.284	-0.390	-1.384	-2.425
1071	10.70	-3.231	-3.596	-3.448	-2.842	-1.913	-0.811	0.350	1.509	2.638	3.711
1081	10.80	4.682	5.487	6.067	6.394	6.481	6.376	6.120	5.719	5.131	4.284
1091	10.90	3.116	1.626	-0.105	-1.923	-3.646	-5.120	-6.262	-7.069	-7.592	-7.878
1101	11.00	-7.924	-7.653	-6.932	-5.627	-3.669	-1.112	1.852	4.921	7.744	10.003
1111	11.10	11.481	12.091	11.870	10.938	9.441	7.510	5.247	2.746	0.125	-2.440
1121	11.20	-4.728	-6.515	-7.663	-8.197	-8.344	-8.501	-9.120	-10.546	-12.872	-15.856
1131	11.30	-18.960	-21.489	-22.810	-22.543	-20.676	-17.553	-13.739	-9.819	-6.215	-3.086
1141	11.40	-0.339	2.257	4.929	7.769	10.697	13.498	15.922	17.787	19.028	19.687
1151	11.50	19.544	19.533	18.701	17.230	15.019	12.097	8.701	5.280	2.408	0.623
1161	11.60	0.248	1.266	3.292	5.665	7.632	8.559	8.098	6.259	3.361	-0.099
1171	11.70	-3.624	-6.848	-9.596	-11.859	-13.700	-15.160	-16.197	-16.701	-16.554	-15.710
1181	11.80	-14.247	-12.363	-10.308	-8.298	-6.444	-4.745	-3.129	-1.539	-0.008	1.325
1191	11.90	2.249	2.583	2.264	1.404	0.272	-0.785	-1.459	-1.578	-1.150	-0.343
1201	12.00	0.578	1.339	1.727	1.633	1.058	0.109	-1.018	-2.063	-2.734	-2.770
1211	12.10	-2.019	-0.430	1.469	3.988	6.017	7.312	7.592	6.808	5.140	2.920
1221	12.20	0.505	-1.826	-3.927	-5.775	-7.398	-8.805	-9.827	-10.522	-10.722	-10.092
1231	12.30	-8.683	-6.538	-3.774	-0.536	3.034	6.802	10.623	14.312	17.629	20.299
1241	12.40	22.060	22.716	22.180	20.501	17.827	14.368	10.351	6.001	1.526	-2.869
1251	12.50	-6.976	-10.600	-13.579	-15.812	-17.273	-17.997	-18.050	-17.485	-16.322	-14.558
1261	12.60	-12.200	-9.321	-6.089	-2.762	0.362	3.027	5.084	6.521	7.447	8.019
1271	12.70	8.371	8.564	8.598	8.460	8.194	7.947	7.938	8.379	9.369	10.699
1281	12.80	12.034	12.794	12.425	10.561	7.167	2.565	-2.653	-7.801	-12.282	-15.727
1291	12.90	-18.024	-19.264	-19.639	-19.345	-18.540	-17.353	-15.924	-14.429	-13.054	-11.933
1301	13.00	-11.067	-10.289	-9.299	-7.782	-5.540	-2.612	0.709	3.949	6.611	8.337
1311	13.10	9.017	8.805	8.042	7.133	6.435	6.195	6.541	7.516	9.105	11.231
1321	13.20	13.723	16.292	18.534	19.998	20.297	19.223	16.821	13.377	9.333	5.156
1331	13.30	1.216	-2.271	-5.236	-7.690	-9.654	-11.115	-12.035	-12.391	-12.218	-11.623
1341	13.40	-10.758	-9.765	-8.727	-7.651	-6.499	-5.240	-3.898	-2.563	-1.360	-0.380
1351	13.50	0.369	0.979	1.409	2.409	3.653	4.702	6.022	7.240	8.216	8.884
1361	13.60	9.249	9.351	9.208	8.787	8.017	6.828	5.207	3.239	1.097	-1.004
1371	13.70	-2.863	-4.349	-5.415	-6.084	-6.404	-6.421	-6.162	-5.654	-4.948	-4.135
1381	13.80	-3.338	-2.675	-2.212	-1.927	-1.705	-1.371	-0.759	0.226	1.554	3.055
1391	13.90	4.452	5.414	5.643	4.965	3.286	0.812	-2.166	-5.240	-7.990	-10.078
1401	14.00	-11.331	-11.764	-11.557	-10.972	-10.256	-9.561	-8.814	-7.932	-6.707	-5.005
1411	14.10	-2.826	-0.353	2.203	4.473	6.253	7.463	8.182	8.599	8.927	9.310
1421	14.20	9.768	10.194	10.403	10.206	9.689	8.258	6.646	4.875	3.187	1.779
1431	14.30	0.744	0.058	-0.400	-0.791	-1.243	-1.796	-2.374	-2.813	-2.920	-2.559
1441	14.40	-1.715	-0.519	0.793	1.981	2.854	3.381	3.675	3.928	4.309	4.860
1451	14.50	5.453	5.820	5.651	4.721	2.991	0.624	-2.065	-4.730	-7.109	-9.093
1461	14.60	-10.720	-12.092	-13.275	-14.219	-14.751	-14.628	-13.648	-11.741	-9.009	-5.705
1471	14.70	-2.141	1.412	4.789	7.946	10.901	13.659	16.133	18.124	19.345	19.506
1481	14.80	18.400	15.972	12.353	7.843	2.858	-2.135	-6.690	-10.440	-13.145	-14.718
1491	14.90	-15.233	-14.894	-13.992	-12.831	-11.658	-10.624	-9.772	-9.068	-8.455	-7.896

Table 7—4—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-7.398	-6.997	-6.714	-6.521	-6.321	-5.974	-5.340	-4.343	-2.994	-1.385
1511	15.10	0.351	2.098	3.799	5.457	7.111	8.783	10.450	12.032	13.429	14.562
1521	15.20	15.411	16.020	16.464	16.802	17.025	17.084	16.733	15.936	14.576	12.645
1531	15.30	10.231	7.474	4.527	1.521	-1.440	-4.278	-6.920	-9.288	-11.302	-12.898
1541	15.40	-14.039	-14.723	-14.981	-14.860	-14.615	-13.695	-12.752	-11.633	-10.378	-9.008
1551	15.50	-7.513	-5.850	-3.982	-1.817	0.561	3.075	5.566	7.880	9.822	11.387
1561	15.60	12.555	13.344	13.807	12.800	11.238	9.009	6.587	5.136	3.248	2.648
1571	15.70	-6.052	-8.593	-10.122	-10.739	-10.724	-10.416	-10.094	-9.903	-9.861	-9.900
1581	15.80	-9.940	-9.931	-9.852	-9.687	-9.387	-8.865	-8.019	-6.782	-5.164	-3.256
1591	15.90	-1.207	0.840	2.790	4.610	6.299	7.833	9.126	10.033	10.404	10.171
1601	16.00	9.419	8.407	7.510	7.097	7.397	8.394	9.816	11.199	12.033	11.911
1611	16.10	10.652	8.342	5.293	1.966	-1.262	-4.002	-6.122	-7.652	-8.749	-9.627
1621	16.20	-10.461	-11.137	-12.107	-12.901	-13.238	-13.009	-12.087	-10.448	-8.170	-5.412
1631	16.30	-2.369	0.758	3.789	6.571	8.982	10.935	12.386	13.334	13.814	13.876
1641	16.40	13.549	12.819	11.627	9.909	7.653	4.951	2.027	-0.813	-3.259	-5.106
1651	16.50	-6.319	-7.035	-7.492	-7.855	-8.209	-8.408	-8.189	-7.289	-5.595	-3.266
1661	16.60	-0.628	1.731	3.332	3.865	3.298	1.863	-0.052	-2.039	-3.793	-5.156
1671	16.70	-6.111	-6.714	-7.035	-7.118	-6.979	-6.623	-6.055	-5.287	-4.315	-3.114
1681	16.80	-1.648	0.090	2.038	4.028	5.809	7.112	7.737	7.639	6.954	5.969
1691	16.90	4.926	4.096	3.502	3.005	2.362	1.350	-0.110	-1.881	-3.631	-4.928
1701	17.00	-5.388	-4.816	-3.285	-1.123	1.174	3.093	4.249	4.487	3.908	2.807
1711	17.10	1.562	0.504	-0.183	-0.484	-0.525	-0.478	-0.469	-0.512	-0.507	-0.291
1721	17.20	0.268	1.198	2.390	3.618	4.617	5.170	5.176	4.658	3.736	2.557
1731	17.30	1.242	-0.145	-1.578	-3.031	-4.428	-5.634	-6.478	-6.808	-6.558	-5.788
1741	17.40	-4.690	-3.538	-2.618	-2.144	-2.197	-2.711	-3.487	-4.259	-4.761	-4.806
1751	17.50	-4.326	-5.393	-6.185	-6.933	-7.450	-7.734	-7.805	-7.621	-7.446	-7.111
1761	17.60	2.208	2.950	3.256	3.887	4.581	5.209	6.072	6.830	7.477	7.830
1771	17.70	7.673	6.834	5.262	3.076	0.555	-1.935	-4.649	-5.555	-6.399	-6.693
1781	17.80	-6.656	-6.519	-6.452	-6.512	-6.653	-6.760	-6.703	-6.381	-5.742	-4.784
1791	17.90	-3.540	-2.066	-0.429	1.296	3.019	4.642	6.064	7.192	7.959	8.343
1801	18.00	8.378	8.157	7.820	7.532	7.440	7.634	8.117	8.795	9.499	10.026
1811	18.10	10.204	9.930	9.192	8.054	6.618	4.979	3.202	1.319	-0.641	-2.624
1821	18.20	-4.537	-6.251	-7.639	-8.616	-9.162	-9.328	-9.206	-8.894	-8.466	-7.963
1831	18.30	-7.405	-6.816	-6.234	-5.703	-5.252	-4.863	-4.548	-3.918	-3.208	-2.190
1841	18.40	-0.918	0.511	1.959	3.303	4.466	5.426	6.197	6.793	7.202	7.384
1851	18.50	7.298	6.927	6.306	5.511	4.628	3.712	2.776	1.787	0.726	-0.382
1861	18.60	-1.440	-2.298	-2.809	-2.906	-2.631	-2.159	-1.721	-1.535	-1.729	-2.308
1871	18.70	-3.173	-4.182	-5.213	-6.199	-7.128	-7.998	-8.781	-9.389	-9.694	-9.562
1881	18.80	-8.904	-7.701	-6.007	-3.917	-1.546	0.992	3.576	6.065	8.289	10.075
1891	18.90	11.296	11.919	12.037	11.842	11.550	11.312	11.140	10.899	10.368	9.347
1901	19.00	7.751	5.669	3.326	0.996	-1.105	-2.893	-4.414	-5.782	-7.077	-8.280
1911	19.10	-9.258	-9.830	-9.855	-9.319	-8.352	-7.185	-6.055	-5.119	-4.404	-3.836
1921	19.20	-3.300	-2.723	-2.114	-1.552	-1.135	-0.918	-0.881	-0.954	-1.065	-1.196
1931	19.30	-1.411	-1.818	-2.504	-3.458	-4.539	-5.498	-6.057	-6.004	-5.262	-3.913
1941	19.40	-2.157	-0.248	1.525	3.124	4.267	4.916	5.019	4.574	3.644	2.377
1951	19.50	0.989	-0.290	-1.282	-1.914	-2.228	-2.330	-2.311	-2.173	-1.803	-1.019
1961	19.60	0.326	2.245	4.554	6.900	8.861	10.081	10.380	9.794	8.528	6.858
1971	19.70	5.023	3.172	1.365	-0.368	-1.967	-3.313	-4.248	-4.664	-4.467	-3.802
1981	19.80	-2.832	-1.766	-0.760	0.120	0.885	1.568	2.152	2.541	2.581	2.131
1991	19.90	1.144	-0.281	-1.914	-3.477	-4.740	-5.609	-6.144	-6.511	-6.882	-7.335

Table 7—4—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-7.804	-8.096	-7.970	-7.240	-5.857	-3.935	-1.722	0.476	2.378	3.790
2011	20.10	4.623	4.885	4.647	4.016	3.116	2.081	1.046	0.137	-0.567	-0.951
2021	20.20	-1.072	-0.950	-0.643	-0.199	0.357	1.025	1.806	2.678	3.577	4.403
2031	20.30	5.043	5.411	5.476	5.265	4.847	4.294	3.642	2.877	1.949	0.808
2041	20.40	-0.545	-2.036	-3.513	-4.789	-5.697	-6.145	-6.144	-5.796	-5.245	-4.620
2051	20.50	-3.986	-3.323	-2.551	-1.570	-0.318	1.190	2.859	4.529	6.021	7.173
2061	20.60	7.876	8.091	7.852	7.252	6.441	5.598	4.908	4.522	4.515	4.846
2071	20.70	5.352	5.773	5.817	5.252	3.984	2.103	-0.135	-2.376	-4.278	-5.606
2081	20.80	-6.294	-6.443	-6.260	-5.970	-5.729	-5.581	-5.451	-5.199	-4.678	-3.791
2091	20.90	-2.519	-0.916	0.910	2.829	4.712	6.433	7.883	8.965	9.610	9.790
2101	21.00	9.527	8.891	7.979	6.891	5.702	4.459	3.192	1.945	0.798	-0.135
2111	21.10	-0.727	-0.898	-0.661	-0.151	0.388	0.671	0.655	-0.383	-1.799	-3.599
2121	21.20	-5.499	-7.207	-8.500	-9.267	-9.504	-9.283	-8.702	-7.857	-6.822	-5.658
2131	21.30	-4.426	-3.192	-2.018	-0.948	0.007	0.871	1.682	2.471	3.235	3.936
2141	21.40	4.517	4.933	5.171	5.263	5.269	5.243	5.207	5.140	4.996	4.728
2151	21.50	4.325	3.816	3.252	2.669	2.053	1.326	0.372	-0.908	-2.535	-4.422
2161	21.60	-6.381	-8.177	-9.603	-10.546	-11.011	-11.097	-10.937	-10.628	-10.196	-9.593
2171	21.70	-8.743	-7.599	-6.193	-4.641	-3.115	-1.789	-0.788	-0.157	0.138	0.175
2181	21.80	0.042	-0.187	-0.459	-0.729	-0.947	-1.049	-0.966	-0.643	-0.058	0.771
2191	21.90	1.797	2.958	4.194	5.453	6.682	7.809	8.740	9.364	9.582	9.345
2201	22.00	8.678	7.683	6.513	5.323	4.218	3.226	2.293	1.324	0.224	-1.049
2211	22.10	-2.469	-3.952	-5.384	-6.666	-7.734	-8.568	-9.173	-9.550	-9.679	-9.523
2221	22.20	-9.040	-8.219	-7.100	-5.779	-4.389	-3.064	-1.899	-0.927	-0.117	0.597
2231	22.30	1.288	1.996	2.712	3.379	3.913	4.225	4.247	3.940	3.294	2.328
2241	22.40	1.090	-0.343	-1.850	-3.276	-4.441	-5.172	-5.346	-4.923	-3.961	-2.605
2251	22.50	-1.047	0.519	1.963	3.136	4.066	4.725	5.130	5.288	5.218	4.967
2261	22.60	4.626	4.326	4.205	4.366	4.818	5.486	6.204	6.780	7.058	6.968
2271	22.70	6.537	5.869	5.093	4.313	3.584	2.917	2.307	1.768	1.341	1.088
2281	22.80	1.046	1.200	1.464	1.703	1.779	1.604	1.171	0.549	-0.155	-0.852
2291	22.90	-1.512	-2.169	-2.892	-3.735	-4.693	-5.685	-6.579	-7.233	-7.552	-7.508
2301	23.00	-7.135	-6.499	-5.661	-4.650	-3.470	-2.129	-0.664	0.838	2.252	3.447
2311	23.10	4.328	4.855	5.046	4.950	4.622	4.097	3.395	2.535	1.568	0.580
2321	23.20	-0.312	-0.990	-1.574	-1.960	-2.222	-2.393	-2.237	-0.374	0.976	1.508
2331	23.30	1.895	2.056	1.920	1.460	0.715	-0.209	-1.175	-2.060	-2.803	-3.422
2341	23.40	-3.984	-4.550	-5.117	-5.585	-5.781	-5.523	-4.706	-3.362	-1.670	0.090
2351	23.50	1.629	2.732	3.316	3.428	3.199	2.781	2.293	1.811	1.383	1.060
2361	23.60	0.917	1.041	1.496	2.280	3.304	4.398	5.359	6.010	6.249	6.066
2371	23.70	5.524	4.722	3.758	2.704	1.610	0.518	-0.523	-1.467	-2.280	-2.968
2381	23.80	-3.577	-4.177	-4.826	-5.528	-6.220	-6.791	-7.125	-7.158	-6.917	-6.509
2391	23.90	-6.078	-5.735	-5.510	-5.335	-5.083	-4.634	-3.939	-3.052	-2.104	-1.241
2401	24.00	-0.551	-0.021	0.460	1.045	1.848	2.889	4.074	5.236	6.206	6.866
2411	24.10	7.204	7.271	7.144	6.866	6.422	5.759	4.839	3.694	2.445	1.272
2421	24.20	0.344	-0.262	-0.603	-0.851	-1.215	-1.837	-2.711	-3.673	-4.462	-4.831
2431	24.30	-4.666	-4.033	-3.174	-2.394	-1.947	-1.933	-2.279	-2.779	-3.200	-3.379
2441	24.40	-3.278	-2.974	-2.593	-2.240	-1.963	-1.657	-1.313	-0.871	-0.361	0.126
2451	24.50	0.490	0.878	0.732	0.773	0.956	1.391	2.089	2.956	3.819	4.516
2461	24.60	4.944	5.095	5.042	4.885	4.695	4.492	4.245	3.917	3.504	3.062
2471	24.70	2.690	2.494	2.536	2.801	3.201	3.609	3.899	3.990	3.853	3.568
2481	24.80	2.985	2.328	1.568	0.743	-0.090	-0.854	-1.464	-1.856	-2.015	-1.992
2491	24.90	-1.889	-1.830	-1.918	-2.200	-2.652	-3.189	-3.699	-4.071	-4.228	-4.149

Table 7—4—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-3.867	-3.465	-3.059	-2.769	-2.700	-2.903	-3.367	-4.010	-4.698	-5.287
2511	25.10	-5.658	-5.755	-5.598	-5.260	-4.840	-4.418	-4.034	-3.686	-3.346	-2.988
2521	25.20	-2.605	-2.211	-1.824	-1.445	-1.047	-0.580	0.003	0.719	1.534	2.365
2531	25.30	3.099	3.632	3.897	3.885	3.639	3.244	2.799	2.397	2.117	2.006
2541	25.40	2.077	2.305	2.622	2.934	3.145	3.189	3.055	2.803	2.539	2.381
2551	25.50	2.408	2.629	2.980	3.354	3.645	3.798	3.824	3.786	3.762	3.801
2561	25.60	3.893	3.978	3.975	3.824	3.507	3.057	2.530	1.978	1.419	0.843
2571	25.70	0.227	-0.432	-1.107	-1.740	-2.275	-2.691	-3.021	-3.344	-3.754	-4.312
2581	25.80	-5.007	-5.754	-6.418	-6.860	-6.996	-6.815	-6.389	-5.833	-5.266	-4.775
2591	25.90	-4.391	-4.095	-3.836	-3.548	-3.172	-2.664	-2.001	-1.189	-0.271	0.675
2601	26.00	1.537	2.199	2.572	2.624	2.401	2.018	1.618	1.331	1.221	1.266
2611	26.10	1.373	1.410	1.265	0.888	0.311	-0.361	-0.989	-1.441	-1.631	-1.534
2621	26.20	-1.183	-0.648	-0.012	0.651	1.287	1.867	2.387	2.861	3.315	3.780
2631	26.30	4.280	4.821	5.383	5.919	6.363	6.648	6.728	6.587	6.242	5.733
2641	26.40	5.103	4.378	3.558	2.629	1.577	0.414	-0.809	-2.007	-3.078	-3.934
2651	26.50	-4.529	-4.869	-5.001	-4.991	-4.888	-4.706	-4.425	-4.005	-3.421	-2.690
2661	26.60	-1.878	-1.085	-0.418	0.048	0.295	0.364	0.335	0.289	0.276	0.296
2671	26.70	0.299	0.213	-0.027	-0.446	-1.016	-1.657	-2.261	-2.718	-2.941	-2.885
2681	26.80	-2.550	-1.984	-1.265	-0.487	0.251	0.871	1.319	1.580	1.673	1.640
2691	26.90	1.533	1.391	1.225	1.015	0.717	0.285	-0.312	-1.066	-1.926	-2.803
2701	27.00	-3.593	-4.203	-4.574	-4.698	-4.613	-4.384	-4.075	-3.726	-3.330	-2.841
2711	27.10	-2.188	-1.313	-0.199	1.109	2.508	3.863	5.044	5.965	6.607	7.011
2721	27.20	7.250	7.393	7.467	7.447	7.268	6.857	6.173	5.229	4.096	2.878
2731	27.30	1.678	0.567	-0.431	-1.326	-2.137	-2.865	-3.478	-3.920	-4.136	-4.106
2741	27.40	-3.864	-3.496	-3.117	-2.831	-2.697	-2.714	-2.830	-2.969	-3.068	-3.103
2751	27.50	-3.093	-3.079	-3.102	-3.169	-3.245	-3.261	-3.139	-2.825	-2.304	-1.603
2761	27.60	-0.781	0.103	1.008	1.922	2.852	3.804	4.766	5.695	6.524	7.184
2771	27.70	7.628	7.849	7.881	7.787	7.630	7.446	7.237	6.967	6.588	6.057
2781	27.80	5.357	4.697	3.506	2.417	1.255	0.033	-1.239	-2.545	-3.850	-5.107
2791	27.90	-6.264	-7.286	-8.166	-8.923	-9.587	-10.173	-10.661	-10.982	-11.036	-10.717
2801	28.00	-9.951	-8.734	-7.136	-5.295	-3.380	-1.551	0.078	1.662	2.624	3.632
2811	28.10	4.566	5.484	6.395	7.257	7.986	8.480	8.648	8.435	7.828	6.857
2821	28.20	5.572	4.037	2.310	0.455	-1.458	-3.334	-5.058	-6.505	-7.566	-8.177
2831	28.30	-8.366	-8.143	-7.687	-7.102	-6.481	-5.860	-5.219	-4.505	-3.661	-2.665
2841	28.40	-1.532	-0.317	0.909	2.079	3.144	4.074	4.851	5.461	5.892	6.142
2851	28.50	6.226	6.185	6.074	5.956	5.874	5.842	5.840	5.822	5.730	5.509
2861	28.60	5.113	4.506	3.663	2.576	1.251	-0.253	-1.848	-3.414	-4.825	-5.992
2871	28.70	-6.879	-7.556	-7.978	-8.144	-8.664	-8.933	-9.096	-9.080	-8.824	-8.317
2881	28.80	-7.597	-6.739	-5.824	-4.917	-4.055	-3.255	-2.528	-1.895	-1.381	-1.003
2891	28.90	-0.752	-0.581	-0.418	-0.186	0.166	0.644	1.213	1.813	2.387	2.904
2901	29.00	3.356	3.753	4.100	4.390	4.608	4.746	4.820	4.878	4.980	5.166
2911	29.10	5.430	5.704	5.880	5.850	5.553	5.006	4.296	3.559	2.908	2.401
2921	29.20	2.018	1.682	1.308	0.846	0.313	-0.213	-0.627	-0.842	-0.832	-0.643
2931	29.30	-0.374	-0.167	-0.058	-0.156	-0.420	-0.790	-1.127	-1.497	-1.698	-1.774
2941	29.40	-1.767	-1.756	-1.831	-2.064	-2.477	-3.025	-3.598	-4.044	-4.212	-3.995
2951	29.50	-3.363	-2.369	-1.122	0.251	1.652	3.036	4.408	5.810	7.266	8.756
2961	29.60	10.234	11.567	12.634	13.322	13.554	13.301	12.578	11.436	9.961	8.262
2971	29.70	6.470	4.724	3.143	1.799	0.698	-0.228	-1.098	-2.042	-3.150	-4.436
2981	29.80	-5.828	-7.191	-8.370	-9.242	-9.749	-9.908	-9.787	-9.469	-9.013	-8.438
2991	29.90	-7.725	-6.844	-5.778	-4.550	-3.222	-1.879	-0.609	0.527	1.497	2.296

Table 7—4—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	2.930	3.395	3.677	3.751	3.600	3.229	2.675	1.994	1.243	0.460
3011	30.10	-0.367	-1.202	-2.127	-3.125	-4.169	-5.103	-5.859	-6.299	-6.366	-5.991
3021	30.20	-5.294	-4.357	-3.287	-2.172	-1.061	0.017	1.037	1.957	2.713	3.240
3031	30.30	5.505	5.554	5.419	5.293	5.276	5.487	5.701	5.965	6.037	5.760
3041	30.40	3.066	1.995	0.901	-0.226	-1.838	-2.791	-3.552	-4.179	-4.761	-5.369
3051	30.50	-5.923	-6.403	-6.688	-6.701	-6.429	-5.922	-5.270	-4.563	-3.860	-3.175
3061	30.60	-2.694	-1.799	-1.097	-0.422	0.171	0.637	0.958	1.152	1.260	1.321
3071	30.70	1.355	1.356	1.302	1.186	1.027	0.880	0.813	0.877	1.076	1.357
3081	30.80	1.627	1.781	1.742	1.487	1.045	0.478	-0.150	-0.791	-1.425	-2.063
3091	30.90	-2.633	-3.165	-3.599	-3.895	-4.042	-4.069	-4.038	-4.023	-4.070	-4.180
3101	31.00	-4.298	-4.332	-4.190	-3.815	-3.207	-2.426	-1.568	-0.738	-0.012	0.577
3111	31.10	1.062	1.436	1.829	2.283	2.834	3.479	4.173	4.839	5.393	5.763
3121	31.20	5.922	5.892	5.763	5.564	5.433	5.386	5.411	5.454	5.455	5.374
3131	31.30	5.209	4.990	4.749	4.496	4.197	3.788	3.204	2.419	1.475	0.476
3141	31.40	-0.442	-1.158	-1.604	-1.784	-1.751	-1.574	-1.304	-0.959	-0.535	-0.037
3151	31.50	0.500	1.004	1.392	1.603	1.630	1.518	1.339	1.140	0.913	0.580
3161	31.60	0.033	-0.808	-1.933	-3.224	-4.677	-5.467	-6.027	-6.099	-5.745	-5.104
3171	31.70	-4.326	-3.513	-2.691	-1.832	-0.891	0.143	1.228	2.279	3.202	3.936
3181	31.80	4.470	4.840	5.106	5.315	5.488	5.622	5.701	5.717	5.677	5.588
3191	31.90	5.445	5.215	4.851	4.307	3.573	2.693	1.756	0.869	0.117	-0.466
3201	32.00	-0.910	-1.283	-1.650	-2.047	-2.456	-2.827	-3.102	-3.254	-3.296	-3.274
3211	32.10	-3.237	-3.211	-3.180	-3.102	-2.938	-2.677	-2.358	-2.056	-1.849	-1.786
3221	32.20	-1.859	-2.006	-2.139	-2.183	-2.109	-1.942	-1.751	-1.608	-1.561	-1.609
3231	32.30	-1.704	-1.774	-1.749	-1.593	-1.310	-0.942	-0.503	-0.205	0.053	0.200
3241	32.40	0.241	0.205	0.133	0.022	0.059	0.111	0.219	0.351	0.458	0.488
3251	32.50	0.406	0.205	-0.099	-0.464	-0.867	-1.207	-1.517	-1.759	-1.914	-1.962
3261	32.60	-1.880	-1.653	-1.287	-0.817	-0.303	0.188	0.607	0.961	1.221	1.500
3271	32.70	1.828	2.218	2.627	2.969	3.145	3.084	2.777	2.283	1.707	1.155
3281	32.80	0.691	0.310	-0.056	-0.497	-1.081	-1.807	-2.599	-3.326	-3.845	-4.056
3291	32.90	-3.925	-3.496	-2.859	-2.113	-1.339	-0.583	0.135	0.794	1.360	1.776
3301	33.00	1.982	1.939	1.654	1.188	0.661	0.128	-0.258	-0.473	-0.524	-0.457
3311	33.10	-0.336	-0.214	-0.115	-0.035	0.051	0.176	0.365	0.623	0.932	1.253
3321	33.20	1.538	1.740	1.829	1.804	1.696	1.565	1.479	1.494	1.630	1.867
3331	33.30	2.143	2.385	2.525	2.532	2.410	2.200	1.950	1.698	1.459	1.221
3341	33.40	0.963	0.663	0.318	-0.054	-0.425	-0.763	-1.043	-1.251	-1.386	-1.454
3351	33.50	-1.473	-1.470	-1.487	-1.571	-1.761	-2.073	-2.485	-2.933	-3.336	-3.607
3361	33.60	-3.712	-3.665	-3.539	-3.434	-3.440	-3.600	-3.889	-4.222	-4.485	-4.570
3371	33.70	-4.414	-4.014	-3.422	-2.722	-2.006	-1.347	-0.784	-0.313	0.099	0.511
3381	33.80	0.985	1.565	2.264	3.050	3.854	4.582	5.147	5.503	5.655	5.664
3391	33.90	5.622	5.612	5.679	5.810	5.949	6.023	5.976	5.796	5.513	5.178
3401	34.00	4.828	4.463	4.038	3.489	2.758	1.835	0.769	-0.339	-1.369	-2.219
3411	34.10	-2.833	-3.216	-3.617	-3.504	-3.538	-3.552	-3.566	-3.494	-3.368	-3.145
3421	34.20	-2.827	-2.441	-2.031	-1.649	-1.335	-1.102	-0.930	-0.744	-0.533	-0.165
3431	34.30	0.366	1.034	1.751	2.383	2.787	2.848	2.515	1.811	0.823	-0.326
3441	34.40	-1.516	-2.652	-3.680	-4.578	-5.345	-5.980	-6.480	-6.837	-7.046	-7.115
3451	34.50	-7.063	-6.913	-6.690	-6.405	-6.059	-5.644	-5.151	-4.581	-3.942	-3.250
3461	34.60	-2.523	-1.774	-1.008	-0.224	0.576	1.384	2.183	2.945	3.637	4.236
3471	34.70	4.730	5.132	5.471	5.790	6.124	6.491	6.871	7.212	7.441	7.481
3481	34.80	7.277	6.813	6.110	5.215	4.175	3.020	1.758	0.390	-1.068	-2.561
3491	34.90	-3.987	-5.216	-6.125	-6.640	-6.765	-6.572	-6.175	-5.673	-5.117	-4.488

Table 7—4—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	-3.723	-2.759	-1.586	-0.259	1.092	2.323	3.321	4.055	4.575	4.987
3511	35.10	5.396	5.854	6.335	6.746	6.964	6.897	6.513	5.856	5.013	4.092
3521	35.20	3.170	2.280	1.420	0.573	-0.265	-1.078	-1.829	-2.484	-3.027	-3.474
3531	35.30	-3.860	-4.223	-4.578	-4.906	-5.155	-5.261	-5.173	-4.875	-4.395	-3.793
3541	35.40	-3.136	-2.483	-1.861	-1.271	-0.699	-0.139	0.396	0.868	1.223	1.418
3551	35.50	1.438	1.314	1.113	0.920	0.809	0.818	0.935	1.109	1.273	1.374
3561	35.60	1.400	1.381	1.377	1.450	1.629	1.900	2.203	2.460	2.604	2.608
3571	35.70	2.496	2.331	2.187	2.122	2.149	2.238	2.327	2.351	2.266	2.063
3581	35.80	1.787	1.520	1.070	0.748	0.468	0.228	0.027	-0.135	-0.247	-0.297
3591	35.90	-0.281	-0.207	-0.104	-0.011	0.027	-0.024	-0.179	-0.438	-0.787	-1.206
3601	36.00	-1.677	-2.185	-2.714	-3.238	-3.717	-4.096	-4.315	-4.327	-4.109	-3.682
3611	36.10	-3.104	-2.460	-1.839	-1.305	-0.882	-0.549	-0.247	0.099	0.552	1.145
3621	36.20	1.867	2.662	3.440	4.090	4.500	4.579	4.280	3.610	2.642	1.503
3631	36.30	0.352	-0.660	-1.627	-1.922	-2.195	-2.356	-2.525	-2.782	-3.161	-3.536
3641	36.40	-3.860	-4.096	-3.923	-3.633	-3.214	-2.786	-2.353	-2.181	-1.993	-1.788
3651	36.50	-1.491	-1.067	-0.541	0.021	0.544	0.988	1.364	1.730	2.157	2.689
3661	36.60	3.321	3.991	4.607	5.083	5.369	5.464	5.401	5.226	4.973	4.656
3671	36.70	4.271	3.817	3.307	2.765	2.214	1.657	1.068	0.395	-0.406	-1.367
3681	36.80	-2.376	-3.387	-4.245	-4.832	-5.093	-5.057	-4.821	-4.515	-4.252	-4.088
3691	36.90	-4.012	-3.965	-3.874	-3.682	-3.373	-2.963	-2.483	-1.957	-1.393	-0.793
3701	37.00	-0.163	0.461	1.016	1.429	1.639	1.635	1.457	1.190	0.931	0.751
3711	37.10	0.665	0.628	0.558	0.376	0.036	-0.443	-0.992	-1.512	-1.909	-2.134
3721	37.20	-2.189	-2.122	-2.007	-1.907	-1.855	-1.842	-1.826	-1.747	-1.554	-1.222
3731	37.30	-0.764	-0.229	0.318	0.806	1.187	1.443	1.590	1.665	1.708	1.744
3741	37.40	1.765	1.736	1.610	1.351	0.956	0.471	-0.024	-0.433	-0.680	-0.738
3751	37.50	-0.636	-0.446	-0.257	-0.138	-0.113	-0.160	-0.228	-0.262	-0.235	-0.157
3761	37.60	-0.070	-0.019	-0.025	-0.068	-0.089	-0.011	0.230	0.650	1.206	1.804
3771	37.70	2.328	2.673	2.779	2.645	2.319	1.878	1.401	0.939	0.512	0.108
3781	37.80	-0.296	-0.718	-1.153	-1.578	-1.954	-2.244	-2.458	-2.508	-2.506	-2.451
3791	37.90	-2.365	-2.254	-2.109	-1.909	-1.639	-1.299	-0.908	-0.493	-0.082	0.318
3801	38.00	0.721	1.157	1.659	2.241	2.884	3.534	4.115	4.554	4.802	4.849
3811	38.10	4.730	4.510	4.262	4.048	3.897	3.809	3.757	3.696	3.585	3.392
3821	38.20	3.108	2.743	2.329	1.906	1.513	1.176	0.892	0.633	0.354	0.005
3831	38.30	-0.443	-0.986	-1.583	-2.170	-2.679	-3.070	-3.338	-3.517	-3.662	-3.821
3841	38.40	-4.020	-4.250	-4.475	-4.657	-4.766	-4.791	-4.715	-4.600	-4.372	-4.032
3851	38.50	-3.515	-2.860	-2.027	-1.156	-0.337	0.314	0.724	0.890	0.879	0.803
3861	38.60	0.782	0.899	1.176	1.576	2.022	2.437	2.766	2.992	3.130	3.207
3871	38.70	3.240	3.230	3.162	3.020	2.803	2.533	2.247	1.989	1.786	1.635
3881	38.80	1.503	1.337	1.079	0.693	0.169	-0.468	-1.169	-1.871	-2.515	-3.051
3891	38.90	-3.450	-3.696	-3.786	-3.728	-3.538	-3.237	-2.857	-2.435	-2.008	-1.612
3901	39.00	-1.272	-0.996	-0.779	-0.607	-0.461	-0.327	-0.196	-0.068	0.060	0.196
3911	39.10	0.347	0.538	0.776	1.062	1.373	1.670	1.907	2.047	2.075	1.999
3921	39.20	1.854	1.680	1.513	1.371	1.250	1.137	1.017	0.882	0.731	0.569
3931	39.30	0.391	0.180	-0.097	-0.467	-0.942	-1.504	-2.095	-2.633	-3.031	-3.226
3941	39.40	-3.192	-2.949	-2.551	-2.068	-1.562	-1.067	-0.589	-0.112	0.392	0.943
3951	39.50	1.545	2.180	2.812	3.400	3.899	4.280	4.527	4.643	4.644	4.558
3961	39.60	4.411	4.226	4.014	3.777	3.503	3.179	2.789	2.320	1.770	1.145
3971	39.70	0.665	-0.239	-0.922	-1.541	-2.057	-2.455	-2.747	-2.973	-3.186	-3.432
3981	39.80	-3.726	-4.038	-4.298	-4.417	-4.322	-3.987	-3.445	-2.784	-2.116	-1.538
3991	39.90	-1.105	-0.818	-0.632	-0.491	-0.369	-0.188	-0.017	0.146	0.295	0.439

Table 7—4—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1151 206-GR-1-46 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = 26.085 (GAL) T= 10.39 (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	0.602	0.800	1.026	1.243	1.396	1.442	1.374	1.232	1.088	1.021
4011	40.10	1.071	1.224	1.407	1.522	1.490	1.280	0.929	0.519	0.142	-0.137
4021	40.20	-0.307	-0.406	-0.492	-0.612	-0.775	-0.952	-1.093	-1.155	-1.133	-1.061
4031	40.30	-1.004	-1.030	-1.177	-1.466	-1.794	-2.153	-2.457	-2.659	-2.747	-2.742
4041	40.40	-2.692	-2.659	-2.696	-2.836	-3.073	-3.365	-3.633	-3.784	-3.742	-3.475
4051	40.50	-3.011	-2.436	-1.859	-1.375	-1.024	-0.775	-0.542	-0.221	0.258	0.896
4061	40.60	1.620	2.310	2.846	3.155	3.234	3.139	2.958	2.765	2.598	2.455
4071	40.70	2.313	2.157	1.993	1.855	1.737	1.664	1.586	1.438	1.161	0.740
4081	40.80	0.215	-0.321	-0.761	-1.027	-1.098	-1.011	-0.833	-0.624	-0.398	-0.122
4091	40.90	0.265	0.804	1.487	2.239	2.943	3.485	3.797	3.884	3.816	3.690
4101	41.00	3.587	3.533	3.497	3.415	3.225	2.904	2.478	2.005	1.548	1.138
4111	41.10	0.766	0.374	-0.092	-0.676	-1.367	-2.122	-2.859	-3.499	-3.987	-4.307
4121	41.20	-4.477	-4.535	-4.521	-4.457	-4.348	-4.184	-3.955	-3.663	-3.329	-2.990
4131	41.30	-2.688	-2.454	-2.296	-2.179	-2.056	-1.855	-1.531	-1.072	-0.514	0.067
4141	41.40	0.574	0.928	1.094	1.089	0.977	0.836	0.731	0.686	0.686	0.689
4151	41.50	0.661	0.589	0.499	0.434	0.435	0.516	0.655	0.805	0.921	0.982
4161	41.60	1.008	1.046	1.143	1.321	1.555	1.777	1.907	1.886	1.704	1.410
4171	41.70	1.096	0.860	0.774	0.862	1.094	1.405	1.718	1.969	2.120	2.154
4181	41.80	2.078	1.910	1.679	1.420	1.172	0.972	0.838	0.761	0.704	0.608
4191	41.90	0.417	0.099	-0.329	-0.807	-1.247	-1.562	-1.697	-1.648	-1.462	-1.215
4201	42.00	-0.986	-0.828	-0.756	-0.748	-0.758	-0.744	-0.674	-0.541	-0.369	-0.115
4211	42.10	0.147	0.423	0.702	0.967	1.201	1.388	1.522	1.612	1.688	1.783
4221	42.20	1.925	2.115	2.320	2.481	2.529	2.415	2.137	1.744	1.326	0.984
4231	42.30	0.791	0.761	0.843	0.936	0.930	0.747	0.377	-0.120	-0.637	-1.056

Table 7—5—1 TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
1	0.0	0.0	0.0	0.0	-2.576	-3.060	-3.126	-2.921	-2.596	-2.245	-1.888
11	0.10	-1.525	-1.184	-0.950	-0.934	-1.196	-1.682	-2.208	-2.531	-2.466	-2.004
21	0.20	-1.341	-0.814	-0.743	-1.266	-2.254	-3.367	-4.116	-4.263	-3.764	-2.884
31	0.30	-2.043	-1.613	-1.741	-2.288	-2.916	-3.273	-3.178	-2.705	-2.130	-1.764
41	0.40	-1.778	-2.105	-2.479	-2.588	-2.257	-1.554	-0.773	-0.288	-0.332	-0.922
51	0.50	-1.788	-2.527	-2.791	-2.449	-1.642	-0.718	0.064	0.047	-0.446	-1.405
61	0.60	-2.575	-3.696	-4.562	-5.062	-5.137	-4.771	-4.001	-2.945	-1.821	-0.921
71	0.70	-0.508	-0.697	-1.355	-2.110	-2.479	-2.065	-0.758	1.188	3.251	4.761
81	0.80	5.346	4.914	3.758	2.383	1.255	0.604	0.341	0.161	-0.264	-1.081
91	0.90	-2.176	-3.238	-3.929	-4.075	-3.757	-3.262	-2.921	-2.930	-3.249	-3.652
101	1.00	-3.775	-3.492	-2.819	-1.996	-1.320	-0.991	-0.972	-1.008	-0.751	0.063
111	1.10	1.475	3.272	5.080	6.514	7.322	7.440	6.962	6.043	4.825	3.407
121	1.20	1.889	0.422	-0.765	-1.422	-1.389	-0.705	0.350	1.332	1.799	1.504
131	1.30	0.511	-0.817	-1.977	-2.536	-2.321	-1.478	-0.383	0.561	1.011	0.994
141	1.40	0.679	0.354	0.246	0.422	0.784	1.159	1.405	1.494	1.501	1.530
151	1.50	1.617	1.688	1.584	1.168	0.428	-0.471	-1.227	-1.534	-1.224	-0.369
161	1.60	0.736	1.691	2.166	2.055	1.521	0.936	0.713	1.132	2.210	3.692
171	1.70	5.135	6.071	6.164	5.315	3.678	1.606	-0.464	-2.120	-3.071	-3.194
181	1.80	-2.548	-1.342	0.119	1.495	2.491	2.908	2.684	1.894	0.720	-0.599
191	1.90	-1.831	-2.794	-3.386	-3.588	-3.443	-3.040	-2.484	-1.876	-1.298	-0.792
201	2.00	-0.354	0.067	0.548	1.163	1.948	2.877	3.855	4.744	5.396	5.698
211	2.10	5.595	5.104	4.300	3.299	2.241	1.276	0.541	0.144	0.129	0.447
221	2.20	0.951	1.422	1.633	1.433	0.808	-0.100	-1.041	-1.757	-2.082	-2.012
231	2.30	-1.686	-1.314	-1.060	-0.959	-0.900	-0.687	-0.161	0.704	1.757	2.724
241	2.40	3.322	3.384	2.936	2.179	1.394	0.821	0.570	0.599	0.782	0.990
251	2.50	1.165	1.323	1.497	1.664	1.700	1.419	0.672	-0.531	-1.963	-3.213
261	2.60	-3.836	-3.547	-2.573	-0.686	0.915	1.832	1.702	0.553	-1.205	-2.965
271	2.70	-4.059	-4.197	-3.374	-1.962	-0.426	0.685	1.113	0.860	0.170	-0.594
281	2.80	-1.102	-1.161	-0.761	-0.049	0.744	1.390	1.730	1.716	1.409	0.948
291	2.90	0.503	0.207	0.106	0.135	0.130	-0.114	-0.755	-1.822	-3.174	-4.510
301	3.00	-5.459	-5.699	-5.072	-3.657	-1.757	0.184	1.715	2.513	2.470	1.714
311	3.10	0.551	-0.629	-1.484	-1.808	-1.585	-0.984	-0.292	0.179	0.203	-0.287
321	3.20	-1.167	-2.159	-2.929	-3.201	-2.864	-2.018	-0.936	0.031	0.588	0.607
331	3.30	0.166	-0.691	-1.055	-1.278	-1.060	-0.476	0.268	0.916	1.251	1.149
341	3.40	0.591	-0.347	-1.524	-2.750	-3.806	-4.468	-4.557	-4.000	-2.894	-1.520
351	3.50	-0.285	0.401	0.278	-0.641	-2.049	-3.441	-4.305	-4.321	-3.503	-2.189
361	3.60	-0.906	-0.148	-0.171	-0.895	-1.947	-2.827	-3.121	-2.660	-1.566	-0.183
371	3.70	1.083	1.911	2.162	1.880	1.222	0.378	-0.499	-1.300	-1.942	-2.360
381	3.80	-2.411	-2.113	-1.492	-0.708	-0.001	0.392	0.337	-0.125	-0.782	-1.340
391	3.90	-1.550	-1.328	-0.796	-0.224	0.095	-0.008	-0.485	-1.078	-1.419	-1.186
401	4.00	-0.232	1.349	3.261	5.112	6.542	7.327	7.408	6.864	5.850	4.542
411	4.10	3.101	1.673	0.396	-0.604	-1.244	-1.511	-1.498	-1.380	-1.361	-1.595
421	4.20	-2.110	-2.785	-3.383	-3.635	-3.341	-2.436	-1.015	0.714	2.491	4.076
431	4.30	5.285	5.993	6.120	5.629	4.542	2.976	1.171	-0.528	-1.738	-2.160
441	4.40	-1.691	-0.491	1.039	2.381	3.073	2.869	1.829	0.286	-1.277	-2.404
451	4.50	-2.817	-2.492	-1.636	-0.582	0.341	0.914	1.078	0.920	0.615	0.358
461	4.60	0.303	0.530	1.026	1.693	2.354	2.799	2.833	2.344	1.360	0.071
471	4.70	-1.219	-2.176	-2.565	-2.336	-1.669	-0.859	-0.279	-0.149	-0.484	-1.087
481	4.80	-1.641	-1.848	-1.561	-0.834	0.117	1.023	1.684	2.040	2.173	2.229
491	4.90	2.325	2.479	2.608	2.586	2.320	1.813	1.169	0.547	0.094	-0.113

Table 7—5—2 TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
501	5.00	-0.067	0.191	0.624	1.217	1.959	2.803	3.617	4.198	4.330	3.891
511	5.10	2.939	1.738	0.687	0.164	0.374	1.245	2.447	3.522	4.077	3.949
521	5.20	3.270	2.395	1.737	1.574	1.929	2.568	3.108	3.199	2.671	1.603
531	5.30	0.276	-0.947	-1.767	-2.048	-1.842	-1.330	-0.743	-0.273	-0.032	-0.053
541	5.40	-0.311	-0.751	-1.289	-1.817	-2.194	-2.272	-1.936	-1.159	-0.037	1.214
551	5.50	2.313	2.990	3.078	2.555	1.552	0.295	-0.959	-1.998	-2.687	-2.978
561	5.60	-2.886	-2.466	-1.796	-0.976	-0.136	0.576	1.012	1.067	0.715	0.029
571	5.70	-0.857	-1.495	-2.390	-2.856	-3.125	-3.306	-3.516	-3.817	-4.174	-4.464
581	5.80	-4.531	-4.271	-3.692	-2.938	-2.247	-1.865	-1.944	-2.474	-3.275	-4.059
591	5.90	-4.529	-4.488	-3.904	-2.909	-1.736	-0.628	0.246	0.838	1.207	1.470
601	6.00	1.738	2.073	2.474	2.894	3.271	3.551	3.700	3.699	3.542	3.234
611	6.10	2.805	2.314	1.844	1.470	1.221	1.058	0.879	0.568	0.065	-0.576
621	6.20	-1.182	-1.518	-1.392	-0.769	0.185	1.138	1.715	1.656	0.935	-0.223
631	6.30	-1.428	-2.293	-2.591	-2.383	-1.782	-1.236	-0.955	-1.032	-1.368	-1.774
641	6.40	-2.088	-2.239	-2.407	-2.642	-3.052	-3.580	-4.036	-4.206	-3.979	-3.450
651	6.50	-2.905	-2.705	-3.101	-4.089	-5.376	-6.480	-6.936	-6.498	-5.255	-3.590
661	6.60	-2.013	-0.939	-0.522	-0.617	-0.879	-0.949	-0.636	0.004	0.705	1.134
671	6.70	1.047	0.408	-0.814	-1.724	-2.638	-3.193	-3.391	-3.361	-3.275	-3.257
681	6.80	-3.336	-3.448	-3.483	-3.345	-2.989	-2.433	-1.745	-1.011	-0.317	0.266
691	6.90	0.688	0.926	1.001	0.970	0.940	1.035	1.360	1.960	2.799	3.718
701	7.00	4.560	5.138	5.332	5.117	4.571	3.840	3.097	2.492	2.115	1.982
711	7.10	2.040	2.185	2.292	2.253	2.007	1.567	1.018	0.508	0.204	0.240
721	7.20	0.676	1.468	2.481	3.525	4.417	5.031	5.336	5.389	5.306	5.216
731	7.30	5.210	5.311	5.477	5.619	5.641	5.477	5.118	4.619	4.074	3.585
741	7.40	3.214	2.956	2.731	2.408	1.860	1.021	-0.076	-1.289	-2.613	-3.247
751	7.50	-3.668	-3.672	-3.368	-2.926	-2.494	-2.136	-1.809	-1.396	-0.778	0.099
761	7.60	1.175	2.300	3.292	4.008	4.402	4.517	4.448	4.264	3.965	3.479
771	7.70	2.710	1.626	0.316	-0.990	-1.984	-2.381	-2.035	-1.012	0.419	1.857
781	7.80	2.898	3.257	3.819	3.424	2.644	-0.998	-2.165	-2.916	-3.231	-3.214
791	7.90	-3.030	-2.841	-2.748	-2.759	-2.797	-2.729	-2.422	-1.797	-0.866	0.257
801	8.00	1.382	2.292	2.800	2.795	2.258	1.251	-0.103	-1.650	-3.215	-4.610
811	8.10	-5.629	-6.073	-5.784	-4.709	-2.950	-0.784	1.381	3.109	4.059	4.103
821	8.20	3.366	2.192	1.018	0.223	0.001	0.308	0.901	1.456	1.698	1.505
831	8.30	0.930	0.157	-0.603	-1.197	-1.589	-1.841	-2.053	-2.291	-2.533	-2.680
841	8.40	-2.600	-2.203	-1.695	-0.592	0.320	1.051	1.476	1.571	1.406	1.092
851	8.50	0.728	0.357	-0.039	-0.504	-1.057	-1.652	-2.173	-2.458	-2.361	-1.814
861	8.60	-0.862	0.342	1.572	2.595	3.230	3.385	3.068	2.363	1.407	0.357
871	8.70	-0.630	-1.415	-1.884	-1.975	-1.690	-1.111	-0.393	0.266	0.678	0.717
881	8.80	0.363	-0.298	-1.113	-1.919	-2.614	-3.188	-3.720	-4.320	-5.069	-5.911
891	8.90	-6.723	-7.267	-7.309	-6.709	-5.490	-3.848	-2.103	-0.600	0.404	0.812
901	9.00	0.716	0.335	-0.058	-0.252	-0.167	0.133	0.481	0.691	0.643	0.342
911	9.10	-0.076	-0.394	-0.400	0.032	0.876	1.952	2.969	3.612	3.632	2.928
921	9.20	1.576	-0.185	-2.016	-3.563	-4.547	-4.823	-4.610	-3.473	-2.264	-1.056
931	9.30	-0.064	0.598	0.932	1.038	1.059	1.127	1.316	1.620	1.969	2.259
941	9.40	2.406	2.372	2.184	1.917	1.661	1.492	1.442	1.501	1.623	1.755
951	9.50	1.848	1.864	1.778	1.571	1.229	0.760	0.201	-0.370	-0.845	-1.116
961	9.60	-1.102	-0.814	-0.340	0.158	0.494	0.524	0.194	-0.438	-1.218	-1.952
971	9.70	-2.445	-2.650	-2.492	-2.057	-1.460	-0.830	-0.280	0.106	0.273	0.192
981	9.80	-0.136	-0.672	-1.330	-1.977	-2.456	-2.621	-2.383	-1.741	-0.796	0.276
991	9.90	1.255	1.963	2.289	2.226	1.865	1.362	0.893	0.596	0.543	0.722

Table 7—5—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
1001	10.00	1.048	1.393	1.334	1.694	1.575	1.362	1.200	1.240	1.576	2.191
1011	10.10	2.939	3.568	3.795	3.405	2.337	0.731	-1.094	-2.724	-3.778	-4.925
1021	10.20	-3.457	-2.287	-0.870	0.417	1.302	1.688	1.663	1.434	1.225	1.188
1031	10.30	1.347	1.615	1.855	1.963	1.931	1.857	1.903	2.219	2.859	3.743
1041	10.40	4.666	5.351	5.560	5.152	4.139	2.675	1.007	-0.602	-1.936	-2.864
1051	10.50	-3.367	-3.414	-3.138	-2.606	-1.917	-1.182	-0.523	-0.072	0.061	-0.186
1061	10.60	-0.796	-1.654	-2.568	-3.310	-3.669	-3.516	-2.837	-1.737	-0.409	0.921
1071	10.70	2.057	2.877	3.356	3.556	3.535	3.409	3.211	2.961	2.576	2.105
1081	10.80	1.570	1.069	0.735	0.685	0.964	1.506	2.139	2.631	2.770	2.436
1091	10.90	1.650	0.563	-0.595	-1.595	-2.284	-2.614	-2.660	-2.469	-2.204	-1.907
1101	11.00	-1.591	-1.246	-0.873	-0.512	-0.231	-0.164	-0.168	-0.399	-0.721	-1.039
1111	11.10	-1.287	-1.456	-1.597	-1.779	-2.041	-2.352	-2.605	-2.655	-2.390	-1.789
1121	11.20	-0.948	-0.059	0.866	1.062	1.094	0.868	0.497	0.225	0.148	0.273
1131	11.30	0.501	0.487	0.692	0.466	0.015	-0.518	-1.000	-1.315	-1.414	-1.327
1141	11.40	-1.145	-0.976	-0.910	-0.982	-1.169	-1.398	-1.580	-1.639	-1.544	-1.313
1151	11.50	-1.007	-0.703	-0.455	-0.272	-0.107	0.128	0.514	1.086	1.800	2.525
1161	11.60	3.085	3.313	3.119	2.525	1.667	0.746	-0.038	-0.559	-0.796	-0.831
1171	11.70	-0.803	-0.841	-1.020	-1.332	-1.708	-2.059	-2.313	-2.448	-2.484	-2.465
1181	11.80	-2.423	-2.359	-2.247	-2.050	-1.750	-1.366	-0.957	-0.601	-0.370	-0.297
1191	11.90	-0.363	-0.505	-0.630	-0.648	-0.487	-0.119	0.444	1.145	1.895	2.586
1201	12.00	3.107	3.367	3.316	2.964	2.388	1.712	1.081	0.614	0.370	0.324
1211	12.10	0.379	0.396	0.253	-0.109	-0.661	-1.288	-1.835	-2.159	-2.191	-1.963
1221	12.20	-1.598	-1.269	-1.129	-1.257	-1.624	-2.103	-2.518	-2.709	-2.592	-2.183
1231	12.30	-1.592	-0.970	-0.461	-0.143	-0.015	-0.006	-0.011	0.067	0.289	0.667
1241	12.40	1.169	1.734	2.287	2.743	3.014	3.017	2.697	2.066	1.128	0.078
1251	12.50	-0.925	-1.706	-2.154	-2.260	-2.124	-1.914	-1.799	-1.886	-2.173	-2.552
1261	12.60	-2.861	-2.939	-2.691	-2.113	-1.275	-0.291	0.734	1.720	2.622	3.411
1271	12.70	4.056	4.522	4.779	4.824	4.704	4.486	4.245	4.015	3.771	3.435
1281	12.80	2.924	2.206	1.346	0.504	-0.115	-0.345	-0.141	0.385	0.990	1.390
1291	12.90	1.369	0.867	-0.001	-0.987	-1.816	-2.289	-2.352	-2.099	-1.716	-1.392
1301	13.00	-1.244	-1.288	-1.450	-1.622	-1.716	-1.693	-1.564	-1.359	-1.097	-0.773
1311	13.10	-0.376	0.086	0.557	0.936	1.097	0.962	0.524	-0.118	-0.790	-1.297
1321	13.20	-1.495	-1.339	-0.903	-0.347	0.138	0.393	0.335	-0.024	-0.599	-1.266
1331	13.30	-1.896	-2.256	-2.673	-2.735	-2.587	-2.259	-1.880	-1.588	-1.872	-2.106
1341	13.40	0.038	0.477	0.928	1.392	1.834	2.193	2.394	2.382	2.143	1.720
1351	13.50	1.209	0.729	0.401	0.310	0.496	0.945	1.599	2.362	3.112	3.713
1361	13.60	4.037	3.990	3.539	2.738	1.723	0.691	-0.157	-0.671	-0.803	-0.619
1371	13.70	-0.271	0.058	0.229	0.191	-0.004	-0.232	-0.353	-0.274	0.014	0.431
1381	13.80	0.861	1.099	1.104	0.821	0.282	-0.430	-1.221	-2.003	-2.711	-3.298
1391	13.90	-3.725	-3.953	-3.941	-3.655	-3.086	-2.261	-1.252	-0.169	0.860	1.718
1401	14.00	2.329	2.674	2.800	2.804	2.800	2.879	3.073	3.337	3.562	3.604
1411	14.10	3.345	2.732	1.814	0.730	-0.329	-1.177	-1.693	-1.855	-1.740	-1.486
1421	14.20	-1.239	-1.101	-1.102	-1.202	-1.324	-1.396	-1.388	-1.324	-1.259	-1.250
1431	14.30	-1.314	-1.412	-1.457	-1.349	-1.021	-0.474	0.209	0.884	1.394	1.622
1441	14.40	1.523	1.145	0.600	0.028	-0.445	-0.740	-0.830	-0.729	-0.473	-0.101
1451	14.50	0.343	0.809	1.233	1.536	1.645	1.518	1.166	0.656	0.095	-0.412
1461	14.60	-0.800	-1.074	-1.298	-1.581	-1.933	-2.217	-2.943	-3.387	-3.624	-3.573
1471	14.70	-3.235	-2.686	-2.046	-1.432	-0.924	-0.544	-0.269	-0.054	0.142	0.344
1481	14.80	0.566	0.823	1.135	1.521	1.982	2.480	2.935	3.234	3.265	2.964
1491	14.90	2.335	1.460	0.475	-0.473	-1.266	-1.837	-2.183	-2.336	-2.344	-2.248

Table 7—5—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
1501	15.00	-2.067	-1.812	-1.489	-1.120	-0.744	-0.410	-0.171	-0.061	-0.087	-0.222
1511	15.10	-0.405	-0.553	-0.580	-0.425	-0.067	0.461	1.080	1.683	2.171	2.485
1521	15.20	2.619	2.616	2.541	2.452	2.372	2.291	2.180	2.019	1.817	1.615
1531	15.30	1.458	1.369	1.321	1.242	1.046	0.674	0.133	-0.496	-1.090	-1.530
1541	15.40	-1.758	-1.792	-1.714	-1.622	-1.532	-1.469	-1.460	-1.491	-1.546	-1.091
1551	15.50	0.641	1.316	1.802	2.024	1.981	1.727	1.329	0.836	0.262	-0.392
1561	15.60	-1.109	-1.832	-2.468	-2.916	-3.116	-3.074	-2.866	-2.604	-2.383	-2.244
1571	15.70	-2.166	-2.087	-1.957	-1.773	-1.589	-1.484	-1.509	-1.640	-1.770	-1.748
1581	15.80	-1.450	-0.851	-0.061	0.707	1.208	1.272	0.882	0.193	-0.515	-0.945
1591	15.90	-0.885	-0.293	0.689	1.792	2.713	3.219	3.205	2.716	1.898	0.936
1601	16.00	-0.018	-0.879	-1.630	-2.294	-2.889	-3.403	-3.784	-3.957	-3.860	-3.467
1611	16.10	-2.801	-1.927	-0.934	0.085	1.043	1.861	2.464	2.793	2.812	2.539
1621	16.20	2.057	1.511	1.071	0.872	0.959	1.259	1.596	1.764	1.615	1.126
1631	16.30	0.429	-0.245	-0.656	-0.663	-0.286	0.301	0.847	1.130	1.057	0.687
1641	16.40	0.197	-0.216	-0.428	-0.441	-0.359	-0.322	-0.410	-0.592	-0.739	-0.687
1651	16.50	-0.332	0.310	1.095	1.817	2.299	2.468	2.382	2.183	2.012	1.935
1661	16.60	1.906	1.798	1.482	0.903	0.130	-0.669	-1.295	-1.608	-1.587	-1.344
1671	16.70	-1.063	-0.929	-1.044	-1.392	-1.858	-2.276	-2.495	-2.432	-2.083	-1.517
1681	16.80	-0.859	-0.162	0.423	0.859	1.131	1.268	1.343	1.453	1.699	2.147
1691	16.90	2.799	3.579	4.348	4.942	5.225	5.128	4.665	3.916	2.989	1.978
1701	17.00	0.937	-0.113	-1.165	-2.194	-3.137	-3.902	-4.391	-4.538	-4.334	-3.834
1711	17.10	-3.138	-2.365	-1.618	-0.965	-0.432	-0.012	0.325	0.619	0.906	1.212
1721	17.20	1.543	1.882	2.184	2.391	2.441	2.302	1.982	1.538	1.062	0.651
1731	17.30	0.379	0.271	0.302	0.411	0.529	0.602	0.601	0.521	0.370	0.153
1741	17.40	-0.130	-0.474	-0.862	-1.257	-1.601	-1.838	-1.929	-1.868	-1.677	-1.393
1751	17.50	-1.045	-0.634	-0.139	0.465	1.178	1.748	2.168	2.402	2.418	3.243
1761	17.60	2.683	1.831	0.832	-0.160	-1.026	-1.713	-2.227	-2.615	-2.926	-3.184
1771	17.70	-3.379	-3.476	-3.436	-3.237	-2.890	-2.436	-1.930	-1.423	-0.968	-0.517
1781	17.80	-0.123	0.244	0.592	0.924	1.237	1.530	1.810	2.087	2.371	2.663
1791	17.90	2.947	3.189	3.345	3.371	3.238	2.939	2.495	1.949	1.355	0.765
1801	18.00	0.212	-0.289	-0.750	-1.194	-1.641	-2.094	-2.528	-2.892	-3.126	-3.179
1811	18.10	-3.039	-2.742	-2.365	-1.998	-1.711	-1.517	-1.362	-1.165	-0.757	-0.135
1821	18.20	0.698	1.428	2.480	3.080	3.316	3.183	2.775	2.254	1.780	1.450
1831	18.30	1.267	1.153	0.988	0.669	0.153	-0.525	-1.275	-1.987	-2.573	-2.989
1841	18.40	-3.240	-3.365	-3.412	-3.424	-3.430	-3.447	-3.474	-3.496	-3.472	-3.345
1851	18.50	-3.045	-2.527	-1.789	-0.897	0.023	0.819	1.363	1.593	1.539	1.301
1861	18.60	1.000	0.724	0.483	0.210	-0.204	-0.869	-1.731	-2.751	-3.718	-4.406
1871	18.70	-4.621	-4.264	-3.360	-2.065	-0.530	0.950	2.184	3.020	3.382	3.275
1881	18.80	2.781	2.044	1.241	0.548	0.092	-0.077	0.000	0.211	0.417	0.502
1891	18.90	0.420	0.203	-0.061	-0.270	-0.352	-0.291	-0.116	0.125	0.405	0.734
1901	19.00	1.151	1.689	2.360	3.030	3.637	4.028	4.114	3.890	3.436	2.883
1911	19.10	2.356	1.923	1.578	1.260	0.901	0.480	0.067	-0.294	-0.438	-0.335
1921	19.20	-0.038	0.310	0.521	0.436	-0.008	-0.756	-1.658	-2.533	-3.236	-3.705
1931	19.30	-3.962	-4.070	-4.084	-4.002	-3.773	-3.323	-2.620	-1.712	-0.739	0.109
1941	19.40	0.663	0.839	0.881	0.361	0.022	-0.101	0.055	0.462	1.007	1.550
1951	19.50	1.988	2.293	2.504	2.693	2.915	3.172	3.410	3.542	3.488	3.218
1961	19.60	2.759	2.187	1.588	1.031	0.540	0.104	-0.309	-0.719	-1.120	-1.474
1971	19.70	-1.732	-1.856	-1.838	-1.716	-1.551	-1.425	-1.394	-1.474	-1.636	-1.812
1981	19.80	-1.923	-1.906	-1.745	-1.473	-1.168	-0.923	-0.805	-0.826	-0.931	-1.009
1991	19.90	-0.938	-0.633	-0.079	0.648	1.410	2.050	2.654	2.582	2.481	2.250

Table 7—5—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
2001	20.00	1.994	1.776	1.594	1.390	1.092	0.658	0.107	-0.475	-0.967	-1.256
2011	20.10	-1.279	-1.051	-0.653	-0.207	0.162	0.362	0.353	0.146	-0.206	-0.621
2021	20.20	-1.017	-1.319	-1.478	-1.483	-1.357	-1.153	-0.936	-0.761	-0.650	-0.593
2031	20.30	-0.549	-0.470	-0.327	-0.120	0.117	0.334	0.483	0.561	0.506	0.397
2041	20.40	0.241	0.068	-0.087	-0.176	-0.139	0.086	0.535	1.191	1.961	2.698
2051	20.50	3.241	3.475	3.385	3.060	2.660	2.344	2.190	2.155	2.091	1.816
2061	20.60	1.210	0.285	-0.779	-1.773	-2.395	-2.515	-2.159	-1.505	-0.808	-0.297
2071	20.70	-0.079	-0.181	-0.236	-0.261	-0.048	0.428	1.075	1.729	2.221	2.461
2081	20.80	2.369	2.066	1.650	1.243	0.945	0.812	0.867	1.012	1.234	1.420
2091	20.90	1.482	1.355	1.021	0.517	-0.075	-0.651	-1.127	-1.461	-1.662	-1.770
2101	21.00	-1.825	-1.831	-1.756	-1.537	-1.131	-0.540	0.165	0.863	1.430	1.786
2111	21.10	1.923	1.905	1.821	1.742	1.676	1.571	1.350	0.963	0.431	-0.141
2121	21.20	-0.607	-0.839	-0.792	-0.532	-0.214	-0.019	-0.079	-0.418	-0.945	-1.493
2131	21.30	-1.887	-2.016	-1.867	-1.522	-1.113	-0.766	-0.560	-0.509	-0.579	-0.722
2141	21.40	-0.900	-1.096	-1.309	-1.526	-1.717	-1.825	-1.793	-1.585	-1.207	-0.712
2151	21.50	-0.189	0.267	0.579	0.704	0.633	0.385	-0.010	-0.514	-1.084	-1.666
2161	21.60	-2.196	-2.608	-2.849	-2.896	-2.763	-2.495	-2.168	-1.771	-1.381	-0.970
2171	21.70	-0.517	-0.012	0.529	1.056	1.506	1.826	2.000	2.054	2.044	2.026
2181	21.80	2.027	2.029	1.974	1.795	1.451	0.949	0.348	-0.267	-0.817	-1.261
2191	21.90	-1.609	-1.900	-2.177	-2.451	-2.692	-2.837	-2.824	-2.630	-2.288	-1.886
2201	22.00	-1.533	-1.318	-1.279	-1.388	-1.576	-1.763	-1.897	-1.962	-1.979	-1.973
2211	22.10	-1.953	-1.893	-1.752	-1.495	-1.126	-0.703	-0.318	-0.065	0.003	-0.095
2221	22.20	-0.280	-0.440	-0.483	-0.383	-0.191	-0.010	0.048	-0.081	-0.384	-0.775
2231	22.30	-1.136	-1.370	-1.468	-1.413	-1.366	-1.395	-1.548	-1.789	-2.013	-2.096
2241	22.40	-1.948	-1.558	-1.003	-0.418	0.065	0.370	0.516	0.600	0.763	1.122
2251	22.50	1.721	2.503	3.336	4.054	4.519	4.668	4.530	4.206	3.832	3.524
2261	22.60	3.344	3.285	3.287	3.262	3.138	2.875	2.485	2.019	1.545	1.131
2271	22.70	0.820	0.622	0.519	0.471	0.435	0.379	0.289	0.173	0.057	-0.025
2281	22.80	-0.036	0.051	0.251	0.561	0.963	1.423	1.893	2.318	2.662	2.818
2291	22.90	2.819	2.645	2.326	1.912	1.462	1.028	0.637	0.292	-0.026	-0.339
2301	23.00	-0.657	-0.966	-1.228	-1.391	-1.413	-1.277	-1.002	-0.643	-0.272	0.037
2311	23.10	0.232	0.291	0.222	0.063	-0.140	-0.335	-0.476	-0.530	-0.480	-0.334
2321	23.20	-0.120	0.110	0.293	0.371	0.303	0.083	-0.258	-0.664	-1.065	-1.399
2331	23.30	-1.621	-1.711	-1.668	-1.503	-1.236	-0.891	-0.500	-0.106	0.248	0.525
2341	23.40	0.709	0.811	0.868	0.924	1.010	1.126	1.234	1.276	1.197	0.976
2351	23.50	0.635	0.236	-0.166	-0.454	-0.670	-0.815	-0.929	-1.037	-1.122	-1.124
2361	23.60	-0.961	-0.569	0.062	0.865	1.715	2.465	2.994	3.248	3.243	3.052
2371	23.70	2.762	2.441	2.120	1.796	1.457	1.100	0.741	0.405	0.107	-0.175
2381	23.80	-0.490	-0.900	-1.440	-2.089	-2.760	-3.320	-3.644	-3.657	-3.373	-2.889
2391	23.90	-2.348	-1.882	-1.566	-1.397	-1.310	-1.222	-1.073	-0.857	-0.610	-0.390
2401	24.00	-0.232	-0.135	-0.061	0.031	0.149	0.251	0.254	0.077	-0.316	-0.874
2411	24.10	-1.467	-1.925	-2.108	-1.960	-1.543	-1.005	-0.527	-0.241	-0.184	-0.287
2421	24.20	-0.413	-0.429	-0.260	0.072	0.466	0.795	0.961	0.934	0.764	0.540
2431	24.30	0.346	0.219	0.138	0.043	-0.129	-0.398	-0.736	-1.070	-1.318	-1.427
2441	24.40	-1.386	-1.225	-0.987	-0.699	-0.358	0.066	0.589	1.206	1.869	2.416
2451	24.50	2.792	2.895	2.712	2.307	1.800	1.322	0.977	0.809	0.796	0.876
2461	24.60	0.977	1.048	1.072	1.070	1.078	1.128	1.233	1.383	1.542	1.661
2471	24.70	1.692	1.590	1.328	0.903	0.342	-0.302	-0.950	-1.524	-1.961	-2.233
2481	24.80	-2.357	-2.386	-2.383	-2.397	-2.436	-2.463	-2.415	-2.224	-1.856	-1.324
2491	24.90	-0.692	-0.050	0.512	0.933	1.195	1.321	1.354	1.338	1.305	1.266

Table 7—5—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
2501	25.00	1.220	1.157	1.066	0.932	0.739	0.465	0.094	-0.372	-0.902	-1.431
2511	25.10	-1.875	-2.152	-2.321	-2.100	-1.867	-1.642	-1.538	-1.629	-1.911	-2.312
2521	25.20	-2.710	-2.977	-3.021	-2.807	-2.364	-1.765	-1.097	-0.464	0.139	0.616
2531	25.30	0.979	1.233	1.395	1.490	1.550	1.597	1.640	1.663	1.628	1.486
2541	25.40	1.202	0.776	0.253	-0.284	-0.740	-1.039	-1.151	-1.103	-0.966	-0.828
2551	25.50	-0.763	-0.805	-0.946	-1.147	-1.352	-1.517	-1.611	-1.628	-1.577	-1.478
2561	25.60	-1.358	-1.246	-1.170	-1.169	-1.187	-1.268	-1.363	-1.446	-1.500	-1.538
2571	25.70	-1.590	-1.685	-1.831	-1.993	-2.093	-2.041	-1.771	-1.283	-0.655	-0.026
2581	25.80	0.456	0.694	0.686	0.531	0.394	0.461	0.768	1.364	2.113	2.838
2591	25.90	3.365	3.585	3.486	3.145	2.692	2.261	1.948	1.791	1.773	1.834
2601	26.00	1.901	1.906	1.788	1.528	1.127	0.625	0.094	-0.378	-0.701	-0.811
2611	26.10	-0.686	-0.359	0.099	0.593	1.060	1.386	1.615	1.759	1.865	1.979
2621	26.20	2.129	2.316	2.502	2.641	2.675	2.568	2.313	1.942	1.523	1.134
2631	26.30	0.866	0.681	0.633	0.643	0.648	0.600	0.501	0.394	0.348	0.415
2641	26.40	0.600	0.844	1.048	1.116	1.003	0.761	0.430	0.189	0.101	0.167
2651	26.50	0.308	0.395	0.326	0.089	-0.304	-0.657	-0.850	-0.811	-0.572	-0.258
2661	26.60	-0.028	0.002	-0.182	-0.488	-0.764	-0.872	-0.757	-0.476	-0.166	0.016
2671	26.70	-0.021	-0.265	-0.602	-0.872	-0.943	-0.767	-0.406	0.007	0.321	0.435
2681	26.80	0.338	0.098	-0.169	-0.356	-0.408	-0.328	-0.171	-0.002	0.132	0.219
2691	26.90	0.283	0.357	0.466	0.609	0.755	0.862	0.891	0.825	0.670	0.458
2701	27.00	0.228	0.020	-0.141	-0.244	-0.293	-0.304	-0.293	-0.278	-0.274	-0.291
2711	27.10	-0.337	-0.413	-0.516	-0.634	-0.746	-0.827	-0.852	-0.806	-0.693	-0.540
2721	27.20	-0.391	-0.294	-0.284	-0.363	-0.497	-0.623	-0.670	-0.589	-0.371	-0.057
2731	27.30	0.277	0.550	0.705	0.736	0.684	0.640	0.609	0.685	0.828	0.975
2741	27.40	1.045	0.968	0.718	0.314	-0.186	-0.709	-1.193	-1.601	-1.928	-2.185
2751	27.50	-2.387	-2.537	-2.628	-2.642	-2.560	-2.375	-2.087	-1.714	-1.280	-0.816
2761	27.60	-0.359	0.051	0.374	0.580	0.660	0.627	0.520	0.393	0.295	0.254
2771	27.70	0.265	0.296	0.305	0.257	0.145	-0.010	-0.168	-0.294	-0.374	-0.427
2781	27.80	-0.493	-0.613	-0.805	-1.050	-1.297	-1.481	-1.553	-1.500	-1.368	-1.153
2791	27.90	-0.973	-0.843	-0.762	-0.699	-0.612	-0.474	-0.287	-0.082	0.097	0.214
2801	28.00	0.262	0.268	0.280	0.345	0.486	0.692	0.920	1.110	1.210	1.193
2811	28.10	1.063	0.851	0.602	0.355	0.141	-0.029	-0.155	-0.243	-0.302	-0.341
2821	28.20	-0.371	-0.403	-0.447	-0.516	-0.602	-0.697	-0.784	-0.849	-0.883	-0.891
2831	28.30	-0.885	-0.879	-0.874	-0.859	-0.806	-0.688	-0.486	-0.204	0.125	0.452
2841	28.40	0.723	0.897	0.961	0.930	0.835	0.708	0.574	0.438	0.292	0.130
2851	28.50	-0.046	-0.218	-0.362	-0.459	-0.509	-0.536	-0.581	-0.682	-0.851	-1.062
2861	28.60	-1.257	-1.312	-1.092	-0.725	-0.276	0.181	0.588	0.921	1.188	
2871	28.70	1.414	1.616	1.780	1.869	1.829	1.620	1.240	0.725	0.147	-0.419
2881	28.80	-0.913	-1.311	-1.618	-1.852	-2.027	-2.134	-2.149	-2.042	-1.796	-1.423
2891	28.90	-0.961	-0.461	0.029	0.680	0.884	1.245	1.562	1.825	2.004	2.063
2901	29.00	1.978	1.742	1.379	0.928	0.437	-0.057	-0.536	-0.998	-1.455	-1.912
2911	29.10	-2.366	-2.795	-3.157	-3.395	-3.447	-3.256	-2.786	-2.037	-1.058	0.051
2921	29.20	1.156	2.113	2.810	3.197	3.298	3.206	3.045	2.926	2.908	2.980
2931	29.30	3.071	3.087	2.954	2.651	2.224	1.768	1.395	1.192	1.197	1.388
2941	29.40	1.695	2.027	2.294	2.433	2.415	2.252	1.972	1.635	1.294	0.996
2951	29.50	0.765	0.596	0.461	0.314	0.116	-0.153	-0.473	-0.796	-1.057	-1.203
2961	29.60	-1.214	-1.116	-0.966	-0.830	-0.752	-0.731	-0.731	-0.695	-0.584	-0.399
2971	29.70	-0.193	-0.044	-0.019	-0.139	-0.353	-0.557	-0.628	-0.478	-0.096	0.446
2981	29.80	1.015	1.470	1.716	1.728	1.567	1.331	1.121	0.993	0.947	0.942
2991	29.90	0.921	0.851	0.731	0.587	0.451	0.336	0.228	0.096	-0.082	-0.301

Table 7—5—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
3001	30.00	-0.515	-0.660	-0.674	-0.533	-0.258	0.095	0.461	0.800	1.112	1.421
3011	30.10	1.753	2.098	2.401	2.569	2.519	2.212	1.688	1.056	0.457	0.003
3021	30.20	-0.261	-0.383	-0.467	-0.629	-0.938	-1.329	-1.662	-2.254	-2.440	-2.362
3031	30.30	-2.043	-1.572	-1.066	-0.631	-0.332	-0.187	-0.170	-0.236	-0.335	-0.426
3041	30.40	-0.476	-0.467	-0.393	-0.266	-0.113	0.019	0.083	0.048	-0.096	-0.330
3051	30.50	-0.615	-0.913	-1.198	-1.465	-1.729	-2.005	-2.296	-2.581	-2.814	-2.940
3061	30.60	-2.914	-2.718	-2.372	-1.929	-1.668	-1.072	-0.810	-0.720	-0.801	-1.010
3071	30.70	-1.271	-1.494	-1.597	-1.533	-1.302	-0.952	-0.566	-0.229	-0.006	0.081
3081	30.80	0.052	-0.044	-0.155	-0.266	-0.310	-0.360	-0.416	-0.474	-0.523	-0.525
3091	30.90	-0.449	-0.289	-0.075	0.129	0.238	0.181	-0.078	-0.522	-1.082	-1.652
3101	31.00	-2.120	-2.393	-2.426	-2.232	-1.874	-1.450	-1.058	-0.768	-0.599	-0.519
3111	31.10	-0.460	-0.355	-0.172	0.069	0.295	0.414	0.355	0.106	-0.272	-0.662
3121	31.20	-0.937	-1.003	-0.840	-0.499	-0.082	0.305	0.590	0.752	0.817	0.829
3131	31.30	0.819	0.799	0.759	0.692	0.607	0.535	0.513	0.558	0.649	0.729
3141	31.40	0.723	0.580	0.301	-0.051	-0.372	-0.553	-0.529	-0.297	0.085	0.524
3151	31.50	0.935	1.261	1.489	1.630	1.697	1.698	1.630	1.500	1.336	1.193
3161	31.60	1.136	1.203	1.394	1.444	1.854	1.925	1.809	1.535	1.196	0.928
3171	31.70	0.801	0.879	1.101	1.363	1.552	1.595	1.494	1.314	1.150	1.076
3181	31.80	1.112	1.210	1.282	1.236	1.020	0.644	0.178	-0.279	-0.635	-0.835
3191	31.90	-0.876	-0.801	-0.674	-0.555	-0.483	-0.462	-0.468	-0.463	-0.404	-0.265
3201	32.00	-0.036	0.268	0.613	0.953	1.239	1.433	1.510	1.470	1.336	1.136
3211	32.10	0.918	0.719	0.566	0.466	0.427	0.435	0.466	0.504	0.525	0.509
3221	32.20	0.446	0.359	0.173	-0.007	-0.192	-0.367	-0.527	-0.675	-0.821	-0.965
3231	32.30	-1.100	-1.204	-1.246	-1.201	-1.060	-0.835	-0.591	-0.281	-0.036	-0.146
3241	32.40	0.258	0.310	0.315	0.285	0.218	0.108	-0.052	-0.262	-0.510	-0.771
3251	32.50	-1.016	-1.218	-1.362	-1.441	-1.462	-1.436	-1.379	-1.314	-1.269	-1.274
3261	32.60	-1.357	-1.529	-1.779	-2.069	-2.343	-2.541	-2.619	-2.567	-2.406	-2.180
3271	32.70	-1.940	-1.723	-1.541	-1.385	-1.231	-1.061	-0.867	-0.656	-0.445	-0.266
3281	32.80	-0.065	0.105	0.280	0.473	0.697	0.954	1.241	1.547	1.853	2.131
3291	32.90	2.346	2.465	2.469	2.366	2.194	2.011	1.873	1.805	1.781	1.726
3301	33.00	1.545	1.166	0.581	-0.138	-0.851	-1.404	-1.685	-1.672	-1.442	-1.140
3311	33.10	-0.917	-0.871	-1.007	-1.243	-1.449	-1.498	-1.325	-0.935	-0.399	0.184
3321	33.20	0.722	1.160	1.476	1.675	1.770	1.769	1.682	1.520	1.302	1.054
3331	33.30	0.795	0.533	0.264	-0.018	-0.307	-0.566	-0.739	-0.766	-0.616	-0.306
3341	33.40	0.090	0.470	0.737	0.838	0.786	0.648	0.510	0.437	0.468	0.510
3351	33.50	0.568	0.579	0.538	0.485	0.487	0.601	0.849	1.207	1.621	2.030
3361	33.60	2.397	2.715	2.995	3.251	3.459	3.608	3.611	3.428	3.045	2.497
3371	33.70	1.856	1.220	0.674	0.278	0.054	-0.013	0.041	0.170	0.324	0.463
3381	33.80	0.559	0.604	0.613	0.618	0.657	0.756	0.907	1.072	1.188	1.194
3391	33.90	1.062	0.809	0.495	0.192	-0.052	-0.232	-0.399	-0.624	-0.962	-1.414
3401	34.00	-1.917	-2.362	-2.665	-2.707	-2.569	-2.316	-2.051	-1.861	-1.761	-1.700
3411	34.10	-1.597	-1.386	-1.067	-0.713	-0.441	-0.361	-0.516	-0.858	-1.259	-1.567
3421	34.20	-1.670	-1.546	-1.274	-1.003	-0.882	-1.003	-1.358	-1.842	-2.296	-2.570
3431	34.30	-2.581	-2.337	-1.932	-1.501	-1.169	-1.011	-1.025	-1.153	-1.306	-1.492
3441	34.40	-1.412	-1.349	-1.270	-1.241	-1.308	-1.477	-1.710	-1.940	-2.093	-2.117
3451	34.50	-1.991	-1.733	-1.382	-0.986	-0.592	-0.234	0.054	0.243	0.300	0.204
3461	34.60	-0.044	-0.408	-0.817	-1.180	-1.417	-1.490	-1.415	-1.262	-1.118	-1.052
3471	34.70	-1.082	-1.169	-1.240	-1.233	-1.136	-0.993	-0.910	-0.975	-1.224	-1.597
3481	34.80	-1.954	-2.119	-1.959	-1.445	-0.673	0.168	0.862	1.252	1.292	1.061
3491	34.90	0.714	0.419	0.285	0.335	0.510	0.714	0.862	0.919	0.904	0.863

Table 7—5—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
3501	35.00	0.847	0.878	0.951	1.044	1.143	1.248	1.372	1.524	1.688	1.824
3511	35.10	1.875	1.803	1.607	1.333	1.062	0.870	0.801	0.843	0.941	1.022
3521	35.20	1.031	0.957	0.825	0.683	0.561	0.459	0.361	0.158	-0.116	-0.468
3531	35.30	-0.839	-1.148	-1.323	-1.331	-1.188	-0.944	-0.654	-0.358	-0.067	0.227
3541	35.40	0.531	0.829	1.082	1.239	1.268	1.176	1.018	0.882	0.855	0.988
3551	35.50	1.272	1.644	2.007	2.271	2.385	2.349	2.211	2.045	1.916	1.864
3561	35.60	1.888	1.956	2.021	2.037	1.976	1.832	1.628	1.399	1.187	1.027
3571	35.70	0.938	0.919	0.953	1.010	1.063	1.096	1.107	1.103	1.093	1.077
3581	35.80	1.044	0.974	0.847	0.659	0.423	0.169	-0.070	-0.274	-0.418	-0.422
3591	35.90	-0.831	-1.104	-1.434	-1.779	-2.067	-2.218	-2.178	-1.931	-1.515	-1.004
3601	36.00	-0.489	-0.050	0.270	0.468	0.579	0.657	0.756	0.912	1.129	1.385
3611	36.10	1.642	1.858	2.012	2.104	2.160	2.216	2.297	2.404	2.502	2.534
3621	36.20	2.438	2.176	1.758	1.243	0.721	0.287	0.001	-0.131	-0.160	-0.170
3631	36.30	-0.245	-0.435	-0.740	-1.116	-1.471	-1.769	-1.898	-1.906	-1.798	-1.606
3641	36.40	-1.381	-1.183	-0.985	-0.870	-0.833	-0.875	-0.976	-1.105	-1.218	-1.282
3651	36.50	-1.280	-1.225	-1.147	-1.076	-1.027	-0.983	-0.905	-0.751	-0.505	-0.191
3661	36.60	0.128	0.371	0.478	0.435	0.284	0.104	-0.024	-0.058	-0.011	0.056
3671	36.70	0.067	-0.029	-0.225	-0.458	-0.638	-0.688	-0.581	-0.361	-0.119	0.045
3681	36.80	0.061	-0.074	-0.305	-0.545	-0.714	-0.780	-0.767	-0.740	-0.776	-0.925
3691	36.90	-1.185	-1.502	-1.796	-1.988	-2.036	-1.948	-1.777	-1.598	-1.483	-1.470
3701	37.00	-1.557	-1.702	-1.843	-1.926	-1.919	-1.828	-1.692	-1.559	-1.472	-1.446
3711	37.10	-1.462	-1.478	-1.447	-1.337	-1.154	-0.932	-0.726	-0.581	-0.515	-0.506
3721	37.20	-0.497	-0.433	-0.274	-0.018	0.292	0.592	0.816	0.927	0.924	0.843
3731	37.30	0.733	0.643	0.599	0.604	0.642	0.693	0.736	0.758	0.767	0.692
3741	37.40	0.586	0.430	0.240	0.048	-0.103	-0.181	-0.179	-0.121	-0.060	-0.056
3751	37.50	-0.166	-0.329	-0.563	-0.784	-0.937	-0.998	-0.993	-0.977	-1.007	-1.108
3761	37.60	-1.256	-1.372	-1.368	-1.171	-0.761	-0.184	0.462	1.055	1.492	1.710
3771	37.70	1.699	1.491	1.151	0.751	0.364	0.052	-0.133	-0.162	-0.032	0.228
3781	37.80	0.559	0.887	1.145	1.299	1.353	1.350	1.348	1.393	1.494	1.623
3791	37.90	1.722	1.738	1.646	1.461	1.237	1.044	0.936	0.936	1.027	1.163
3801	38.00	1.294	1.380	1.404	1.371	1.293	1.183	1.044	0.876	0.679	0.463
3811	38.10	0.247	0.048	-0.120	-0.263	-0.396	-0.535	-0.686	-0.837	-0.956	-1.009
3821	38.20	-0.979	-0.879	-0.754	-0.672	-0.692	-0.841	-1.098	-1.395	-1.642	-1.759
3831	38.30	-1.707	-1.503	-1.217	-0.944	-0.768	-0.733	-0.825	-0.982	-1.115	-1.145
3841	38.40	-1.026	-0.765	-0.402	-0.019	0.315	0.561	0.675	0.707	0.688	0.685
3851	38.50	0.677	0.745	0.870	1.035	1.212	1.345	1.462	1.477	1.404	1.252
3861	38.60	1.057	0.864	0.724	0.670	0.714	0.833	0.984	1.110	1.168	1.135
3871	38.70	1.019	0.848	0.658	0.476	0.312	0.155	-0.010	-0.197	-0.402	-0.605
3881	38.80	-0.774	-0.878	-0.897	-0.829	-0.688	-0.501	-0.296	-0.093	0.091	0.249
3891	38.90	0.377	0.478	0.553	0.610	0.656	0.699	0.741	0.772	0.777	0.738
3901	39.00	0.643	0.492	0.303	0.105	-0.075	-0.217	-0.321	-0.404	-0.490	-0.599
3911	39.10	-0.735	-0.879	-0.998	-1.049	-0.998	-0.825	-0.533	-0.188	0.288	0.723
3921	39.20	1.101	1.372	1.504	1.490	1.353	1.142	0.921	0.745	0.641	0.593
3931	39.30	0.547	0.434	0.195	-0.179	-0.643	-1.100	-1.438	-1.574	-1.483	-1.214
3941	39.40	-0.868	-0.564	-0.384	-0.350	-0.414	-0.483	-0.486	-0.313	-0.035	0.297
3951	39.50	0.586	0.748	0.745	0.597	0.371	0.153	0.011	-0.028	0.021	0.108
3961	39.60	0.175	0.178	0.101	-0.044	-0.223	-0.395	-0.523	-0.579	-0.552	-0.444
3971	39.70	-0.268	-0.051	0.168	0.366	0.437	0.411	0.260	0.004	-0.310	-0.615
3981	39.80	-0.849	-0.969	-0.962	-0.852	-0.687	-0.518	-0.383	-0.287	-0.208	-0.103
3991	39.90	0.063	0.298	0.570	0.814	0.951	0.923	0.716	0.573	-0.015	-0.343

Table 7—5—9 TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1152 206-GR-1-46 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 7.440 (GAL) T= 1.16 (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)
4001	40.00	-0.523	-0.516	-0.344	-0.071	0.217	0.450	0.597	0.664	0.687	0.705
4011	40.10	0.746	0.804	0.868	0.914	0.927	0.903	0.850	0.771	0.663	0.513
4021	40.20	0.308	0.051	-0.238	-0.518	-0.742	-0.879	-0.927	-0.916	-0.898	-0.927
4031	40.30	-1.030	-1.197	-1.382	-1.513	-1.518	-1.369	-0.999	-0.502	0.070	0.624
4041	40.40	1.070	1.335	1.385	1.229	0.917	0.533	0.163	-0.120	-0.282	-0.331
4051	40.50	-0.309	-0.271	-0.260	-0.291	-0.353	-0.419	-0.465	-0.494	-0.532	-0.622
4061	40.60	-0.797	-1.063	-1.390	-1.726	-2.006	-2.196	-2.286	-2.294	-2.253	-2.180
4071	40.70	-2.074	-1.909	-1.662	-1.323	-0.917	-0.498	-0.133	0.122	0.246	0.269
4081	40.80	0.185	0.113	0.087	0.142	0.289	0.518	0.806	1.113	1.394	1.592
4091	40.90	1.658	1.562	1.310	0.952	0.572	0.265	0.101	0.097	0.208	0.344
4101	41.00	0.403	0.314	0.069	-0.280	-0.638	-0.909	-1.032	-1.002	-0.866	-0.687
4111	41.10	-0.531	-0.419	-0.333	-0.253	-0.076	0.146	0.406	0.637	0.765	0.733
4121	41.20	0.523	0.165	-0.273	-0.710	-1.078	-1.338	-1.487	-1.546	-1.550	-1.521
4131	41.30	-1.470	-1.390	-1.275	-1.127	-0.968	-0.832	-0.753	-0.765	-0.788	-0.831
4141	41.40	-0.807	-0.661	-0.377	0.012	0.429	0.782	0.995	1.036	0.924	0.716
4151	41.50	0.482	0.277	0.126	0.025	-0.042	-0.085	-0.098	-0.064	0.031	0.183
4161	41.60	0.363	0.531	0.668	0.701	0.710	0.715	0.763	0.877	1.052	1.253
4171	41.70	1.442	1.596	1.720	1.841	1.987	2.165	2.349	2.484	2.514	2.408
4181	41.80	2.177	1.076	1.573	1.322	1.139	0.992	0.827	0.598	0.293	-0.053
4191	41.90	-0.370	-0.583	-0.641	-0.540	-0.321	-0.051	0.202	0.392	0.502	0.546
4201	42.00	0.550	0.544	0.550	0.579	0.633	0.702	0.768	0.807	0.796	0.713
4211	42.10	0.567	0.382	0.200	0.065	0.002	0.008	0.052	0.089	0.086	0.040
4221	42.20	-0.012	-0.013	0.095	0.362	0.711	1.145	1.567	1.905	2.112	2.175
4231	42.30	2.104	1.922	1.657	1.335	0.996	0.686	0.470	0.396	0.481	0.690
4241	42.40	0.932	1.091	1.064	0.802	0.335					

Table 7—6—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	0.0	0.0	0.0	0.0	0.0	2.556	3.712	5.613	7.783	10.618
11	0.10	14.230	17.373	19.319	19.117	16.167	10.460	2.792	-5.389	-12.505	-17.275
21	0.20	-19.161	-18.511	-16.373	-14.050	-12.590	-12.414	-13.224	-14.214	-14.465	-13.350
31	0.30	-10.769	-7.150	-3.242	0.184	2.594	3.808	3.965	3.394	2.667	1.500
41	0.40	0.727	0.306	0.334	0.834	1.728	2.826	3.863	4.586	4.853	4.688
51	0.50	4.261	3.784	3.374	2.959	2.287	1.046	-0.957	-3.636	-6.590	-9.209
61	0.60	-10.902	-11.339	-10.606	-9.196	-7.828	-7.191	-7.679	-9.262	-11.519	-13.800
71	0.70	-15.459	-16.032	-15.327	-13.399	-10.455	-6.766	-2.612	1.695	5.781	9.183
81	0.80	11.427	12.101	11.069	8.459	4.885	1.137	-1.922	-3.612	-3.622	-2.084
91	0.90	0.486	3.355	5.784	7.219	7.412	6.445	4.672	2.605	0.789	-0.324
101	1.00	-0.468	0.380	1.995	3.949	5.712	6.793	6.885	5.973	4.361	2.593
111	1.10	1.287	0.925	1.674	3.313	5.279	6.848	7.366	6.464	4.168	0.869
121	1.20	-2.824	-6.306	-9.166	-11.285	-12.810	-14.009	-15.087	-16.042	-16.617	-16.394
131	1.30	-14.976	-12.203	-8.289	-3.828	0.367	3.529	5.219	5.505	4.953	4.421
141	1.40	4.722	6.282	8.944	11.997	14.440	15.378	14.393	11.720	8.170	4.805
151	1.50	2.632	1.656	1.956	2.632	2.770	1.721	-0.816	-3.754	-6.847	-9.027
161	1.60	-9.755	-9.007	-7.244	-5.190	-3.548	-2.748	-2.867	-3.564	-4.422	-4.922
171	1.70	-4.679	-3.494	-1.385	1.434	4.585	7.599	10.018	11.528	12.076	11.909
181	1.80	11.493	11.318	11.663	12.324	12.791	12.269	10.028	5.935	0.454	-5.336
191	1.90	-10.101	-12.746	-12.822	-10.701	-7.409	-4.190	-2.002	-1.144	-1.196	-1.280
201	2.00	-0.518	1.506	4.502	7.544	9.625	9.152	6.364	1.529	-4.178	-9.249
211	2.10	-12.339	-12.706	-10.441	-6.428	-2.045	1.295	2.606	1.661	-0.932	-3.922
221	2.20	-5.840	-5.509	-2.462	2.857	9.225	15.037	18.850	19.869	18.185	14.688
231	2.30	10.687	7.394	5.481	4.894	4.965	4.783	3.620	1.251	-1.981	-5.357
241	2.40	-8.132	-9.866	-10.588	-10.737	-10.900	-11.499	-12.561	-13.686	-14.214	-13.520
251	2.50	-11.309	-7.773	-3.560	0.437	3.375	4.735	4.483	3.052	1.192	-0.263
261	2.60	-0.631	0.461	3.015	6.698	10.949	15.107	18.534	20.713	21.313	20.224
271	2.70	17.565	13.651	8.944	3.960	-0.821	-5.033	-8.471	-11.084	-12.927	-14.097
281	2.80	-14.681	-14.734	-14.301	-13.446	-12.273	-10.911	-9.469	-7.979	-6.378	-4.543
291	2.90	-2.379	0.074	2.585	4.765	6.195	6.604	6.018	4.803	3.560	2.910
301	3.00	3.258	4.636	6.689	8.820	10.413	11.042	10.569	9.116	6.937	4.291
311	3.10	1.376	-1.661	-4.546	-7.020	-8.668	-9.157	-8.398	-6.667	-4.589	-2.961
321	3.20	-2.459	-3.371	-5.472	-8.095	-10.386	-11.621	-11.453	-9.994	-7.709	-5.193
331	3.30	-2.938	-1.186	0.082	1.058	1.973	2.998	4.192	5.516	6.857	8.056
341	3.40	8.928	9.291	9.018	8.106	6.719	5.160	3.760	2.708	1.919	1.004
351	3.50	-0.588	-3.320	-7.216	-11.858	-16.324	-19.572	-20.836	-19.961	-17.492	-14.458
361	3.60	-11.932	-10.571	-10.330	-10.501	-10.048	-8.090	-4.310	0.886	6.525	11.449
371	3.70	14.742	16.017	15.466	13.673	11.322	8.934	6.756	4.802	3.005	1.343
381	3.80	0.013	-0.802	-0.838	0.044	1.814	4.262	7.042	9.727	11.858	13.004
391	3.90	12.833	11.216	8.322	4.655	0.985	-1.847	-3.204	-2.912	-1.390	0.438
401	4.00	1.421	0.589	-2.489	-7.507	-13.501	-19.143	-23.178	-24.825	-24.003	-21.320
411	4.10	-17.835	-14.683	-12.703	-12.181	-12.787	-13.709	-13.939	-12.602	-9.242	-3.968
421	4.20	2.574	9.390	15.431	19.878	22.549	22.942	22.128	20.537	18.725	17.016
431	4.30	15.464	13.925	12.197	10.143	7.742	5.068	2.227	-0.696	-3.620	-6.402
441	4.40	-8.757	-10.237	-10.322	-8.604	-5.012	0.034	5.629	10.580	13.742	14.373
451	4.50	12.366	8.284	3.155	-1.868	-5.860	-8.360	-9.419	-9.449	-8.979	-8.422
461	4.60	-7.937	-7.453	-6.786	-5.813	-4.588	-3.358	-2.476	-2.248	-2.791	-3.959
471	4.70	-5.371	-6.521	-6.941	-6.340	-4.683	-2.189	0.750	3.683	6.219	8.104
481	4.80	9.249	9.710	9.639	9.234	8.705	8.249	8.052	8.271	9.016	10.313
491	4.90	12.066	14.035	15.857	17.100	17.355	16.341	13.987	10.473	6.204	1.726

Table 7—6—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	-2.396	-5.713	-8.008	-9.345	-10.055	-10.628	-11.551	-13.128	-15.330	-17.738
511	5.10	-19.616	-20.118	-18.565	-14.719	-8.953	-2.219	4.176	8.952	11.256	11.001
521	5.20	8.829	5.993	3.894	3.607	5.508	9.154	13.441	17.002	18.674	17.873
531	5.30	14.746	10.067	4.930	0.382	-2.874	-4.609	-5.019	-4.553	-3.711	-2.902
541	5.40	-2.380	-2.266	-2.586	-3.305	-4.316	-5.428	-6.376	-6.888	-6.790	-6.109
551	5.50	-5.112	-4.231	-3.905	-4.381	-5.581	-7.097	-8.344	-8.794	-8.208	-6.767
561	5.60	-4.909	-3.265	-2.279	-2.012	-2.131	-2.055	-1.219	0.653	3.399	6.455
571	5.70	9.058	10.522	10.472	8.957	6.451	4.004	1.111	-0.348	-0.500	0.793
581	5.80	3.397	6.950	10.900	14.552	17.170	18.127	17.065	14.017	9.437	4.098
591	5.90	-1.101	-5.373	-8.228	-9.559	-9.605	-8.829	-7.760	-6.865	-6.471	-6.728
601	6.00	-7.613	-8.928	-10.320	-11.326	-11.472	-10.414	-8.071	-4.713	-0.924	2.551
611	6.10	5.044	6.185	6.022	4.982	3.681	2.675	2.244	2.315	2.534	2.459
621	6.20	1.765	0.380	-1.509	-3.552	-5.397	-6.812	-7.727	-8.191	-8.291	-8.069
631	6.30	-7.510	-6.580	-5.294	-3.766	-2.210	-0.887	-0.016	0.294	0.081	-0.478
641	6.40	-1.119	-1.538	-1.444	-0.612	1.068	3.532	6.498	9.471	11.813	12.896
651	6.50	12.296	9.956	6.248	1.897	-2.239	-5.433	-7.316	-7.970	-7.843	-7.541
661	6.60	-7.560	-8.106	-9.037	-9.973	-10.493	-10.337	-9.524	-8.329	-7.162	-6.380
671	6.70	-6.154	-6.412	-6.898	-7.307	-7.426	-7.221	-6.842	-6.535	-6.513	-6.834
681	6.80	-7.346	-7.713	-7.524	-6.452	-4.374	-1.442	1.959	5.336	8.265	10.532
691	6.90	12.191	13.506	14.786	16.191	17.583	18.512	18.342	16.490	12.681	7.115
701	7.00	0.466	-6.278	-12.101	-16.234	-18.337	-18.518	-17.202	-14.920	-12.123	-9.077
711	7.10	-5.889	-2.602	0.690	3.779	6.375	8.201	9.105	9.138	8.550	7.706
721	7.20	6.971	6.597	6.664	7.081	7.638	8.081	8.173	7.754	6.766	5.270
731	7.30	3.453	1.600	0.058	-0.850	-0.915	-0.116	1.341	3.060	4.551	5.362
741	7.40	5.206	4.040	2.067	-0.318	-2.637	-4.438	-5.384	-5.309	-4.233	-2.369
751	7.50	0.006	2.414	4.435	5.708	6.026	5.411	4.116	2.568	1.241	0.500
761	7.60	0.482	0.942	1.502	1.613	0.865	-0.843	-3.217	-5.622	-7.288	-7.579
771	7.70	-6.213	-3.529	-0.127	3.064	5.251	6.035	5.544	4.366	3.308	3.063
781	7.80	3.943	5.767	7.946	9.742	10.563	10.186	8.820	6.992	5.322	4.289
791	7.90	4.092	4.632	5.619	6.710	7.620	8.163	8.223	7.701	6.498	4.548
801	8.00	1.887	-1.294	-4.659	-7.806	-10.402	-12.289	-13.513	-14.267	-14.752	-15.063
811	8.10	-15.132	-14.793	-13.901	-12.463	-10.674	-8.847	-7.247	-5.931	-4.684	-3.097
821	8.20	-0.778	2.418	6.237	10.060	13.109	14.745	14.729	13.323	11.183	9.101
831	8.30	7.702	7.238	7.560	8.253	8.871	9.137	9.038	8.761	8.548	8.531
841	8.40	8.649	8.671	8.308	7.347	5.736	3.589	1.109	-1.505	-4.137	-6.757
851	8.50	-9.386	-12.020	-14.582	-16.916	-18.828	-20.138	-20.723	-20.527	-19.560	-17.773
861	8.60	-15.257	-12.065	-8.357	-4.419	-0.651	2.491	4.608	5.471	5.108	3.812
871	8.70	2.077	0.464	-0.552	-0.705	0.002	1.317	2.830	4.097	4.766	4.668
881	8.80	3.840	2.497	0.957	-0.455	-1.489	-2.022	-2.071	-1.765	-1.305	-0.908
891	8.90	-0.757	-0.975	-1.602	-2.601	-3.874	-5.291	-6.723	-8.073	-9.282	-10.319
901	9.00	-11.141	-11.655	-11.692	-11.026	-9.465	-6.845	-3.326	0.765	4.881	8.391
911	9.10	10.749	11.654	11.128	9.498	7.289	5.066	3.289	2.257	2.078	2.725
921	9.20	4.078	5.942	8.029	9.935	11.165	11.214	9.715	6.596	3.173	2.878
931	9.30	-7.672	-11.359	-13.364	-13.539	-12.171	-9.850	-7.258	-4.959	-3.271	-2.244
941	9.40	-1.726	-1.485	-1.310	-1.079	-0.766	-0.430	-0.187	-0.172	-0.514	-1.285
951	9.50	-2.450	-3.819	-5.055	-5.721	-5.408	-3.868	-1.136	2.446	6.299	9.756
961	9.60	12.250	13.449	13.316	12.073	10.097	7.810	5.591	3.735	2.444	1.821
971	9.70	1.857	2.403	3.164	3.738	3.714	2.797	0.932	-1.652	-4.690	-7.022
981	9.80	-8.747	-9.474	-9.191	-8.225	-7.022	-6.028	-5.557	-5.735	-6.491	-7.596
991	9.90	-8.725	-9.511	-9.610	-8.767	-6.879	-4.045	-0.568	3.103	6.488	9.209

Table 7—6—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	11.092	12.188	12.697	12.842	12.729	12.289	11.319	9.601	7.056	3.858
1011	10.10	0.318	-3.025	-5.782	-7.745	-8.961	-9.648	-10.055	-10.311	-10.351	-9.959
1021	10.20	-8.893	-7.040	-4.508	-1.616	1.214	3.624	5.439	6.716	7.678	8.581
1031	10.30	9.571	10.303	11.461	11.829	11.441	10.195	8.306	5.795	3.409	1.503
1041	10.40	0.432	0.359	1.219	2.727	4.444	5.885	6.668	6.533	5.609	4.202
1051	10.50	2.797	1.879	1.755	2.439	3.624	4.771	5.288	4.722	2.904	0.003
1061	10.60	-3.516	-7.080	-10.123	-12.253	-13.310	-13.358	-12.620	-11.380	-9.906	-8.394
1071	10.70	-6.969	-5.593	-4.289	-2.977	-1.605	-0.166	1.295	2.651	3.741	4.395
1081	10.80	4.499	4.035	3.108	1.921	0.723	-0.273	-0.952	-1.335	-1.566	-1.846
1091	10.90	-2.356	-3.175	-4.243	-5.369	-6.297	-6.781	-6.668	-5.939	-4.703	-3.149
1101	11.00	-1.476	0.164	1.697	3.112	4.426	5.639	6.710	7.571	8.159	8.464
1111	11.10	8.557	8.574	8.679	8.992	9.542	10.245	10.929	11.383	11.426	10.946
1121	11.20	9.917	8.381	6.427	4.176	1.779	-0.575	-2.667	-4.281	-5.264	-5.596
1131	11.30	-5.428	-5.062	-4.859	-5.113	-5.923	-7.133	-8.363	-9.145	-9.098	-8.084
1141	11.40	-6.284	-4.151	-2.266	-1.140	-1.052	-1.963	-3.555	-5.341	-6.838	-7.703
1151	11.50	-7.815	-7.279	-6.354	-5.362	-4.590	-4.216	-4.284	-4.692	-5.261	-5.705
1161	11.60	-5.766	-5.230	-3.996	-2.096	0.303	2.934	5.212	7.046	8.758	11.266
1171	11.70	12.449	13.106	14.172	14.732	14.706	12.589	10.087	6.668	2.559	
1181	11.80	-1.908	-6.365	-10.483	-14.000	-16.722	-18.497	-19.193	-18.712	-17.030	-14.260
1191	11.90	-10.692	-6.784	-3.079	-0.076	1.903	2.807	2.857	2.460	2.061	1.994
1201	12.00	2.392	3.178	4.140	5.044	5.721	6.105	6.208	6.056	5.663	4.926
1211	12.10	3.874	2.537	1.084	-0.214	-1.087	-1.384	-1.180	-0.781	-0.632	-1.147
1221	12.20	-2.526	-4.616	-7.080	-9.239	-10.578	-10.794	-9.924	-8.306	-6.436	-4.773
1231	12.30	-3.575	-2.836	-1.742	-0.799	-0.627	2.663	4.503	6.693	8.225	
1241	12.40	9.602	10.649	11.483	12.251	13.076	14.006	14.996	15.919	16.584	16.787
1251	12.50	16.352	15.173	13.241	10.647	7.562	4.202	0.782	-2.517	-5.559	-8.249
1261	12.60	-10.510	-12.258	-13.394	-13.819	-13.463	-12.331	-10.535	-8.305	-5.963	-3.862
1271	12.70	-2.301	-1.455	-1.314	-1.686	-2.257	-2.668	-2.639	-2.050	-0.966	0.393
1281	12.80	1.737	2.808	3.452	3.644	3.446	2.938	2.156	1.069	-0.377	-2.182
1291	12.90	-4.224	-6.227	-7.826	-8.672	-8.573	-7.577	-5.974	-4.199	-2.674	-1.663
1301	13.00	-1.188	-1.051	-0.944	-0.599	0.096	1.047	2.006	2.672	2.811	2.333
1311	13.10	1.312	-0.058	-1.525	-2.844	-3.807	-4.257	-4.085	-3.240	-1.744	0.282
1321	13.20	2.621	4.989	7.105	8.770	9.921	10.638	11.096	11.471	11.850	12.182
1331	13.30	12.294	11.967	11.047	9.529	7.588	5.525	3.658	2.183	1.082	0.102
1341	13.40	-1.166	-3.133	-6.033	-9.791	-13.985	-17.919	-20.806	-21.988	-21.125	-18.290
1351	13.50	-13.940	-8.773	-3.524	1.217	5.116	8.101	10.274	11.796	12.780	13.262
1361	13.60	13.231	12.695	11.748	10.570	9.375	8.316	7.391	6.621	5.997	3.693
1371	13.70	0.214	-3.509	-7.788	-12.141	-16.018	-18.946	-20.639	-21.047	-20.329	-18.783
1381	13.80	-16.745	-14.510	-12.272	-10.108	-7.996	-5.859	-3.616	-1.232	1.247	3.695
1391	13.90	5.944	7.833	9.275	10.289	10.997	11.572	12.156	12.795	13.402	13.785
1401	14.00	13.717	13.029	11.677	9.760	7.485	5.099	2.817	0.790	-0.900	-2.206
1411	14.10	-3.096	-3.545	-3.559	-3.210	-2.641	-2.038	-1.566	-1.284	-1.112	-0.846
1421	14.20	-0.260	0.769	2.156	3.583	4.580	4.688	3.641	1.491	-1.379	-4.374
1431	14.30	-6.886	-8.690	-9.682	-8.878	-8.304	-7.810	-7.698	-8.009	-8.535	-8.906
1441	14.40	-8.237	-7.759	-5.893	-3.248	-0.068	3.348	6.707	9.753	12.267	14.051
1451	14.50	14.935	14.807	13.660	11.640	9.056	6.333	3.915	2.140	1.137	0.782
1461	14.60	0.740	0.579	-0.080	-1.432	-3.426	-5.792	-8.133	-10.057	-11.286	-11.713
1471	14.70	-11.384	-10.441	-9.048	-7.343	-5.425	-3.380	-1.306	0.668	2.405	3.796
1481	14.80	4.800	5.456	5.863	6.131	6.329	6.459	6.470	6.299	5.922	5.382
1491	14.90	4.777	4.221	3.784	3.459	3.162	2.772	2.180	1.343	0.285	-0.915

Table 7—6—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	-2.168	-3.404	-4.582	-5.665	-6.598	-7.285	-7.604	-7.447	-6.777	-5.656
1511	15.10	-4.240	-2.737	-1.336	-0.152	0.798	1.568	2.232	2.822	3.302	3.574
1521	15.20	3.523	3.074	2.236	1.108	-0.138	-1.306	-2.219	-2.749	-2.831	-2.463
1531	15.30	-1.702	-0.656	0.525	1.665	2.597	3.192	3.393	3.223	2.765	2.127
1541	15.40	1.397	0.624	-0.175	-0.985	-1.752	-2.369	-2.694	-2.599	-2.037	-1.079
1551	15.50	0.090	1.229	2.120	2.641	2.801	2.707	2.498	2.265	2.010	1.655
1561	15.60	1.107	0.334	-0.579	-1.431	-1.976	-2.022	-1.923	-0.416	0.619	1.239
1571	15.70	1.572	1.303	0.496	-0.643	-1.859	-2.947	-3.813	-4.491	-5.098	-5.766
1581	15.80	-6.576	-7.521	-8.510	-9.399	-10.033	-10.286	-10.074	-9.363	-8.164	-6.523
1591	15.90	-4.521	-2.271	0.084	2.391	4.499	6.284	7.662	8.600	9.110	9.245
1601	16.00	9.088	8.743	8.329	7.954	7.696	7.572	7.524	7.424	7.109	6.440
1611	16.10	5.363	3.951	2.399	0.980	-0.042	-0.501	-0.383	0.167	0.898	1.528
1621	16.20	1.856	1.799	1.408	0.828	0.226	-0.271	-0.617	-0.848	-1.046	-1.296
1631	16.30	-1.640	-2.064	-2.497	-2.844	-3.022	-2.998	-2.804	-2.543	-2.364	-2.415
1641	16.40	-2.795	-3.109	-3.446	-3.702	-3.735	-3.650	-3.270	-3.671	-4.858	-4.080
1651	16.50	-3.518	-3.198	-2.960	-2.519	-1.592	-0.037	2.049	4.323	6.298	7.509
1661	16.60	7.682	6.833	5.261	3.428	1.786	0.628	-0.001	-0.273	-0.472	-0.853
1671	16.70	-1.533	-2.460	-3.454	-4.300	-4.867	-5.061	-5.020	-4.867	-4.733	-4.690
1681	16.80	-4.730	-4.783	-4.764	-4.606	-4.279	-3.786	-3.141	-2.345	-1.376	-0.196
1691	16.90	1.224	2.883	4.723	6.618	8.390	9.827	10.733	10.972	10.510	9.439
1701	17.00	7.946	6.370	4.933	3.858	3.215	2.924	2.781	2.538	1.985	1.026
1711	17.10	-0.294	-1.797	-3.239	-4.380	-5.053	-5.202	-4.881	-4.224	-3.397	-2.544
1721	17.20	-1.755	-1.050	-0.382	0.334	1.181	2.202	3.364	4.556	5.602	6.306
1731	17.30	6.509	6.137	5.228	3.924	2.425	0.935	-0.391	-1.479	-2.334	-3.011
1741	17.40	-3.580	-4.094	-4.579	-5.033	-5.437	-5.770	-6.012	-6.146	-6.150	-6.008
1751	17.50	-5.701	-5.224	-4.570	-3.735	-2.702	-1.447	0.049	1.769	3.639	5.522
1761	17.60	7.238	8.614	9.541	10.009	10.099	9.937	9.617	9.147	8.427	7.299
1771	17.70	5.625	3.381	0.697	-2.163	-4.888	-7.223	-9.159	-10.396	-11.387	-12.141
1781	17.80	-12.685	-12.929	-12.661	-11.723	-10.026	-7.647	-4.813	-1.832	0.991	3.435
1791	17.90	5.377	6.775	7.618	7.900	7.616	6.801	5.568	4.120	2.719	1.616
1801	18.00	0.970	0.801	0.997	1.371	1.745	2.019	2.197	2.354	2.577	2.902
1811	18.10	3.282	3.601	3.719	3.527	2.985	2.133	1.068	-0.079	-1.167	-2.065
1821	18.20	-2.666	-2.904	-2.780	-2.387	-1.909	-1.585	-1.642	-2.211	-3.255	-4.557
1831	18.30	-5.769	-6.518	-6.522	-5.678	-4.094	-2.039	0.148	2.159	3.789	4.965
1841	18.40	5.720	6.144	6.334	6.360	6.256	6.023	5.662	5.081	4.306	3.293
1851	18.50	2.045	0.630	-0.918	-2.411	-3.745	-4.839	-5.686	-6.350	-6.932	-7.510
1861	18.60	-8.096	-8.612	-8.916	-8.859	-8.360	-7.447	-6.260	-5.008	-3.894	-3.047
1871	18.70	-2.483	-2.108	-1.765	-1.298	-0.606	0.324	1.414	2.530	3.519	4.258
1881	18.80	4.686	4.821	4.753	4.614	4.532	4.581	4.767	4.926	4.954	4.674
1891	18.90	4.003	2.979	1.758	0.562	-0.401	-1.018	-1.306	-1.398	-1.468	-1.650
1901	19.00	-1.977	-2.380	-2.732	-2.936	-2.976	-2.956	-3.033	-3.341	-3.908	-4.618
1911	19.10	-5.237	-5.500	-5.210	-4.317	-2.928	-1.260	0.454	2.044	3.456	4.736
1921	19.20	5.974	7.229	8.477	9.598	10.408	10.722	10.621	9.492	8.040	6.259
1931	19.30	4.386	2.644	1.193	0.106	-0.635	-1.117	-1.448	-1.717	-1.956	-2.132
1941	19.40	-2.170	-2.000	-1.612	-1.091	-0.611	-0.395	-0.638	-1.435	-2.733	-4.339
1951	19.50	-5.964	-7.306	-8.126	-8.302	-7.839	-6.851	-5.516	-4.035	-2.587	-1.311
1961	19.60	-0.282	0.498	1.100	1.652	2.308	3.188	4.333	5.671	7.028	8.178
1971	19.70	8.916	9.128	8.826	8.126	7.192	6.163	5.093	3.950	2.654	1.139
1981	19.80	-0.583	-2.410	-4.176	-5.713	-6.911	-7.756	-8.320	-8.707	-8.997	-9.198
1991	19.90	-9.248	-9.040	-8.483	-7.540	-6.257	-4.742	-3.134	-1.562	-0.117	1.150

Table 7—6—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	2.216	3.070	3.702	4.104	4.276	4.238	4.028	3.699	3.302	2.883
2011	20.10	2.485	2.152	1.940	1.916	2.150	2.669	3.455	4.416	5.404	6.262
2021	20.20	6.780	6.937	6.726	6.248	5.646	5.069	4.517	4.012	3.412	2.570
2031	20.30	1.385	-0.134	-1.842	-3.491	-4.815	-5.630	-5.914	-5.825	-5.650	-5.691
2041	20.40	-6.142	-7.000	-8.060	-8.987	-9.454	-9.265	-8.638	-7.180	-5.798	-4.567
2051	20.50	-3.615	-2.895	-2.226	-1.405	-0.321	0.981	2.311	3.412	4.078	4.234
2061	20.60	3.980	3.544	3.205	3.195	3.630	4.485	5.610	6.772	7.708	8.172
2071	20.70	7.980	7.054	5.451	3.372	1.135	-0.902	-2.439	-3.330	-3.641	-3.622
2081	20.80	-3.613	-3.910	-4.638	-5.700	-6.812	-7.613	-7.811	-7.286	-6.128	-4.583
2091	20.90	-2.951	-1.477	-0.282	0.637	1.354	1.947	2.450	2.839	3.066	3.096
2101	21.00	2.941	2.655	2.309	1.956	1.609	1.238	0.801	0.266	-0.366	-1.057
2111	21.10	-1.747	-2.365	-2.839	-3.096	-3.059	-2.665	-1.884	-0.750	0.618	2.033
2121	21.20	3.281	4.188	4.680	4.801	4.694	4.532	4.648	4.484	4.587	4.665
2131	21.30	4.552	4.255	3.765	3.139	2.438	1.701	0.961	0.181	-0.505	-0.979
2141	21.40	-1.060	-0.593	0.469	2.015	3.779	5.492	6.540	6.957	6.581	5.492
2151	21.50	3.866	1.691	-0.277	-2.521	-4.736	-6.782	-8.467	-9.577	-9.940	-9.502
2161	21.60	-8.372	-6.804	-5.123	-3.627	-2.491	-1.734	-1.238	-0.832	-0.374	0.186
2171	21.70	0.795	1.338	1.705	1.852	1.821	1.728	1.712	1.881	2.271	2.843
2181	21.80	3.505	4.140	4.648	4.960	5.043	4.895	4.535	3.999	3.343	2.640
2191	21.90	1.965	1.381	0.912	0.529	0.150	-0.340	-1.046	-2.024	-3.247	-4.598
2201	22.00	-5.900	-6.960	-7.629	-7.846	-7.655	-7.192	-6.638	-6.168	-5.905	-5.888
2211	22.10	-6.085	-6.411	-6.765	-7.064	-7.248	-7.280	-7.127	-6.747	-6.083	-5.077
2221	22.20	-3.694	-1.942	0.107	2.325	4.541	6.577	8.273	9.511	10.231	10.430
2231	22.30	10.162	9.520	8.629	7.619	6.603	5.651	4.783	3.965	3.135	2.239
2241	22.40	1.266	0.275	-0.615	-1.256	-1.512	-1.328	-0.737	0.132	1.092	1.948
2251	22.50	2.542	2.783	2.644	2.155	1.371	0.357	-0.816	-2.072	-3.331	-4.515
2261	22.60	-5.563	-6.455	-7.210	-7.878	-8.508	-9.103	-9.605	-9.887	-9.796	-9.205
2271	22.70	-8.078	-6.497	-4.655	-2.807	-1.195	0.020	0.797	1.211	1.416	1.527
2281	22.80	1.821	2.202	2.705	3.267	3.819	4.315	4.767	5.142	5.543	5.988
2291	22.90	6.494	7.050	7.615	8.129	8.519	8.714	8.654	8.301	7.643	6.700
2301	23.00	5.514	4.143	2.650	1.094	-0.475	-2.011	-3.466	-4.786	-5.911	-6.780
2311	23.10	-7.342	-7.563	-7.435	-6.973	-6.218	-5.223	-4.059	-2.806	-1.547	-0.368
2321	23.20	0.663	1.505	2.155	2.649	3.048	3.413	3.779	4.144	4.463	4.671
2331	23.30	4.708	4.549	4.216	3.772	3.300	2.872	2.526	2.258	2.027	1.785
2341	23.40	1.488	1.118	0.685	0.217	-0.246	-0.662	-0.986	-1.175	-1.190	-1.004
2351	23.50	-0.614	-0.056	0.592	1.228	1.742	2.051	2.117	1.949	1.596	1.115
2361	23.60	0.551	-0.079	-0.783	-1.579	-2.681	-3.478	-4.539	-5.619	-6.668	-7.639
2371	23.70	-8.484	-9.155	-9.597	-9.760	-9.616	-9.176	-8.497	-7.667	-6.780	-5.893
2381	23.80	-5.006	-4.057	-2.957	-1.637	-0.089	1.608	3.313	4.862	6.126	7.057
2391	23.90	7.683	8.088	8.361	8.555	8.672	8.682	8.550	8.274	7.888	7.450
2401	24.00	7.001	6.544	6.042	5.443	4.724	3.920	3.119	2.429	1.908	1.523
2411	24.10	1.142	0.575	-0.334	-1.633	-3.218	-4.859	-6.287	-7.291	-7.804	-7.913
2421	24.20	-7.808	-7.685	-7.653	-7.693	-7.686	-7.486	-7.014	-6.304	-5.497	-4.775
2431	24.30	-4.269	-3.996	-3.850	-3.653	-3.239	-2.528	-1.552	-0.427	0.710	1.773
2441	24.40	2.760	3.728	4.745	5.826	6.901	7.829	8.457	8.681	8.486	7.940
2451	24.50	7.147	6.188	5.078	3.774	2.217	0.402	-1.577	-3.525	-5.200	-6.394
2461	24.60	-7.013	-7.104	-6.835	-6.412	-5.993	-5.624	-5.230	-4.663	-3.786	-2.567
2471	24.70	-1.022	0.608	2.120	3.326	4.142	4.602	4.832	4.987	5.185	5.456
2481	24.80	5.743	5.924	5.870	5.497	4.801	3.859	2.805	1.788	0.931	0.292
2491	24.90	-0.139	-0.429	-0.671	-0.946	-1.287	-1.670	-2.010	-2.198	-2.139	-1.792

Table 7—6—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	-1.200	-0.489	0.159	0.557	0.564	0.133	-0.676	-1.712	-2.771	-3.653
2511	25.10	-4.211	-4.380	-4.186	-3.720	-3.111	-2.481	-1.915	-1.439	-1.017	-0.556
2521	25.20	0.066	0.967	2.222	3.833	5.708	7.670	9.488	10.932	11.835	12.131
2531	25.30	11.877	11.221	10.353	9.437	8.554	7.686	6.736	5.522	4.098	2.289
2541	25.40	0.215	-1.983	-4.137	-6.101	-7.787	-9.172	-10.285	-11.172	-11.875	-12.412
2551	25.50	-12.780	-12.967	-12.975	-12.822	-12.541	-12.163	-11.699	-11.129	-10.399	-9.441
2561	25.60	-8.201	-6.663	-4.873	-2.941	-1.018	0.733	2.182	3.265	4.001	4.478
2571	25.70	4.824	5.158	5.553	6.010	6.465	6.823	6.999	6.955	6.711	6.338
2581	25.80	5.916	5.503	5.106	4.680	4.156	3.476	2.625	1.648	0.631	-0.321
2591	25.90	-1.123	-1.727	-2.128	-2.354	-2.441	-2.425	-2.342	-2.232	-2.152	-2.170
2601	26.00	-2.347	-2.708	-3.222	-3.791	-4.274	-4.530	-4.668	-4.089	-3.484	-2.815
2611	26.10	-2.250	-1.900	-1.780	-1.795	-1.775	-1.533	-0.938	0.043	1.308	2.668
2621	26.20	3.886	4.749	5.129	5.009	4.478	3.700	2.858	2.105	1.533	1.168
2631	26.30	0.962	0.927	0.953	1.027	1.132	1.252	1.366	1.443	1.454	1.381
2641	26.40	1.234	1.047	0.868	0.733	0.649	0.588	0.500	0.338	0.088	-0.225
2651	26.50	-0.538	-0.787	-0.930	-0.980	-0.997	-1.065	-1.250	-1.586	-1.958	-2.316
2661	26.60	-2.516	-2.462	-2.123	-1.537	-0.791	0.018	0.807	1.554	2.272	2.996
2671	26.70	3.754	4.563	5.324	6.029	6.587	6.940	7.064	6.961	6.656	6.182
2681	26.80	5.571	4.869	4.045	3.187	2.308	1.440	0.606	-0.188	-0.955	-1.725
2691	26.90	-2.528	-3.382	-4.272	-5.155	-5.961	-6.615	-7.057	-7.261	-7.243	-7.050
2701	27.00	-6.751	-6.409	-6.068	-5.746	-5.440	-5.131	-4.798	-4.425	-3.997	-3.502
2711	27.10	-2.926	-2.257	-1.493	-0.647	0.250	1.159	2.045	2.896	3.728	4.576
2721	27.20	5.477	6.439	7.423	8.341	9.072	9.497	9.532	9.150	8.386	7.317
2731	27.30	6.039	4.637	3.177	1.704	0.249	-1.159	-2.492	-3.725	-4.835	-5.807
2741	27.40	-6.620	-7.236	-7.600	-7.644	-7.315	-6.630	-5.570	-4.347	-3.112	-2.043
2751	27.50	-1.261	-0.799	-0.599	-0.542	-0.505	-0.407	-0.240	-0.061	0.040	-0.006
2761	27.60	-0.216	-0.539	-0.878	-1.122	-1.192	-1.063	-0.768	-0.375	0.043	0.443
2771	27.70	0.822	1.219	1.693	2.296	3.047	3.914	4.813	5.620	6.201	6.443
2781	27.80	6.279	5.711	4.809	3.693	2.503	1.367	0.375	-0.436	-1.070	-1.558
2791	27.90	-1.937	-2.233	-2.458	-2.623	-2.749	-2.872	-3.038	-3.285	-3.622	-4.011
2801	28.00	-4.364	-4.569	-4.513	-4.128	-3.410	-2.426	-1.299	-0.173	0.821	1.597
2811	28.10	2.120	2.399	2.471	2.378	2.150	1.808	1.370	0.864	0.338	-0.141
2821	28.20	-0.492	-0.648	-0.568	-0.243	0.281	0.934	1.628	2.280	2.828	3.241
2831	28.30	3.518	3.688	3.792	3.877	3.975	4.096	4.219	4.287	4.225	3.948
2841	28.40	3.388	2.515	1.346	-0.050	-1.569	-3.087	-4.480	-5.647	-6.510	-7.026
2851	28.50	-7.183	-7.005	-6.551	-5.913	-5.202	-4.524	-3.952	-3.498	-3.105	-2.663
2861	28.60	-2.043	-1.151	0.029	1.419	2.859	4.151	5.121	5.664	5.775	5.533
2871	28.70	5.071	4.525	3.987	3.493	3.013	2.485	1.836	1.018	0.023	-1.113
2881	28.80	-2.316	-3.486	-4.535	-5.389	-6.014	-6.418	-6.669	-6.755	-6.802	-6.809
2891	28.90	-6.770	-6.651	-6.420	-6.068	-5.626	-5.157	-4.733	-4.401	-4.161	-3.955
2901	29.00	-3.690	-3.271	-2.640	-1.800	-0.805	0.256	1.295	2.253	3.103	3.846
2911	29.10	4.488	5.026	5.449	5.741	5.904	5.961	5.953	5.917	5.881	5.759
2921	29.20	5.555	5.195	4.659	3.985	3.272	2.644	2.207	1.999	1.973	2.000
2931	29.30	1.918	1.587	0.964	0.031	-1.012	-1.985	-2.685	-2.965	-2.769	-2.151
2941	29.40	-1.260	-0.297	0.535	1.683	1.281	1.166	0.859	0.528	0.332	0.373
2951	29.50	0.659	1.109	1.579	1.921	2.025	1.867	1.501	1.041	0.610	0.289
2961	29.60	0.096	-0.022	-0.157	-0.397	-0.788	-1.305	-1.868	-2.359	-2.672	-2.744
2971	29.70	-2.586	-2.261	-1.879	-1.558	-1.384	-1.393	-1.562	-1.819	-2.068	-2.217
2981	29.80	-2.202	-2.005	-1.659	-1.236	-0.827	-0.511	-0.332	-0.275	-0.271	-0.207
2991	29.90	0.038	0.550	1.351	2.378	3.498	4.539	5.346	5.827	5.977	5.876

Table 7—6—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	5.657	5.455	5.357	5.381	5.478	5.564	5.559	5.418	5.144	4.767
3011	30.10	4.316	3.978	3.766	3.579	3.394	3.218	3.035	2.856	2.678	2.317
3021	30.20	-4.810	-4.972	-4.880	-4.638	-4.339	-4.043	-3.768	-3.504	-3.239	-2.975
3031	30.30	-2.735	-2.558	-2.474	-2.489	-2.572	-2.661	-2.673	-2.529	-2.179	-1.617
3041	30.40	-0.890	-0.093	0.667	1.203	1.481	1.446	1.143	0.686	0.228	-0.077
3051	30.50	-0.129	0.095	0.532	1.056	1.521	1.808	1.851	1.651	1.264	0.773
3061	30.60	0.266	-0.180	-0.506	-0.673	-0.654	-0.447	-0.077	0.397	0.883	1.277
3071	30.70	1.685	1.449	1.156	0.636	-0.045	-0.819	-1.620	-2.395	-3.094	-3.666
3081	30.80	-4.061	-4.242	-4.207	-3.995	-3.691	-3.397	-3.196	-3.116	-3.114	-3.088
3091	30.90	-2.920	-2.523	-1.880	-1.055	-0.170	0.640	1.275	1.697	1.929	2.032
3101	31.00	2.067	2.069	2.039	1.958	1.806	1.587	1.330	1.078	0.871	0.722
3111	31.10	0.620	0.534	0.436	0.314	0.184	0.075	0.016	0.021	0.076	0.148
3121	31.20	0.192	0.172	0.070	-0.109	-0.337	-0.572	-0.766	-0.865	-0.823	-0.608
3131	31.30	-0.217	0.313	0.899	1.429	1.778	1.866	1.589	1.033	0.275	-0.547
3141	31.40	-1.288	-1.834	-2.131	-2.191	-2.075	-1.871	-1.660	-1.492	-1.382	-1.306
3151	31.50	-1.226	-1.107	-0.934	-0.724	-0.516	-0.356	-0.273	-0.257	-0.255	-0.182
3161	31.60	0.046	0.475	1.078	1.753	2.339	2.667	2.616	2.159	1.373	0.417
3171	31.70	-0.529	-1.324	-1.913	-2.341	-2.721	-3.179	-3.800	-4.584	-5.451	-6.265
3181	31.80	-6.884	-7.199	-7.160	-6.778	-6.103	-5.202	-4.145	-3.000	-1.828	-0.686
3191	31.90	0.381	1.353	2.253	3.137	4.083	5.149	6.346	7.610	8.816	9.814
3201	32.00	10.480	10.760	10.688	10.368	9.925	9.457	8.998	8.510	7.920	7.165
3211	32.10	6.232	5.176	4.182	3.124	2.319	1.701	1.218	0.788	0.336	-0.173
3221	32.20	-0.725	-1.273	-1.768	-2.184	-2.525	-2.816	-3.056	-3.291	-3.418	-3.396
3231	32.30	-3.183	-2.782	-2.255	-1.706	-1.246	-0.950	-0.836	-0.854	-0.934	-1.005
3241	32.40	-1.038	-1.051	-1.098	-1.233	-1.478	-1.809	-2.164	-2.471	-2.682	-2.796
3251	32.50	-2.852	-2.912	-3.028	-3.215	-3.443	-3.647	-3.752	-3.701	-3.470	-3.070
3261	32.60	-2.531	-1.890	-1.169	-0.377	0.487	1.427	2.432	3.471	4.496	5.439
3271	32.70	6.225	6.783	7.057	7.016	6.667	6.057	5.258	4.354	3.416	2.482
3281	32.80	1.546	0.572	-0.486	-1.649	-2.894	-4.148	-5.302	-6.248	-6.908	-7.263
3291	32.90	-7.349	-7.241	-7.018	-6.734	-6.402	-5.997	-5.480	-4.823	-4.030	-3.148
3301	33.00	-2.249	-1.416	-0.714	-0.174	0.213	0.485	0.699	0.904	1.134	1.395
3311	33.10	1.669	1.921	2.110	2.205	2.192	2.081	1.904	1.700	1.507	1.345
3321	33.20	1.213	1.089	0.944	0.757	0.530	0.294	0.103	0.012	0.064	0.263
3331	33.30	0.568	0.903	1.176	1.305	1.244	0.991	0.589	0.108	-0.377	-0.806
3341	33.40	-1.144	-1.337	-1.510	-1.539	-1.457	-1.250	-0.912	-0.454	0.088	0.653
3351	33.50	1.175	1.600	1.906	2.107	2.245	2.364	2.492	2.622	2.709	2.691
3361	33.60	2.506	2.119	1.533	0.787	-0.060	-0.961	-1.795	-2.573	-3.237	-3.760
3371	33.70	-4.130	-4.353	-4.460	-4.502	-4.536	-4.598	-4.681	-4.728	-4.641	-4.316
3381	33.80	-3.684	-2.747	-1.585	-0.334	0.856	1.865	2.643	3.203	3.605	3.908
3391	33.90	4.144	4.303	4.347	4.242	3.989	3.633	3.259	2.954	2.779	2.745
3401	34.00	2.817	2.934	3.041	3.112	3.157	3.214	3.329	3.534	3.837	4.225
3411	34.10	4.667	5.124	5.549	5.888	6.075	6.016	5.751	5.179	4.368	3.402
3421	34.20	2.393	1.450	0.644	-0.001	-0.513	-0.940	-1.331	-1.715	-2.095	-2.461
3431	34.30	-2.812	-3.160	-3.532	-3.950	-4.417	-4.898	-5.332	-5.650	-5.801	-5.773
3441	34.40	-5.592	-5.307	-4.962	-4.576	-4.138	-3.618	-2.990	-2.252	-1.430	-0.572
3451	34.50	0.275	1.082	1.839	2.541	3.170	3.672	3.967	3.961	3.593	2.863
3461	34.60	1.850	0.697	-0.426	-1.368	-2.038	-2.421	-2.570	-2.570	-2.508	-2.450
3471	34.70	-2.424	-2.433	-2.468	-2.514	-2.563	-2.609	-2.662	-2.656	-2.641	-2.602
3481	34.80	-2.550	-2.508	-2.501	-2.540	-2.622	-2.722	-2.802	-2.824	-2.759	-2.592
3491	34.90	-2.326	-1.974	-1.557	-1.101	-0.636	-0.199	0.173	0.445	0.593	0.617

Table 7—6—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	0.537	0.396	0.269	0.147	0.127	0.199	0.349	0.539	0.720	0.844
3511	35.10	0.883	0.839	0.755	0.703	0.764	1.003	1.439	2.029	2.672	3.239
3521	35.20	3.612	3.724	3.579	3.247	2.828	2.410	2.038	1.700	1.346	0.925
3531	35.30	0.415	-0.159	-0.731	-1.230	-1.606	-1.851	-1.990	-2.061	-2.081	-2.039
3541	35.40	-1.897	-1.624	-1.224	-0.751	-0.300	0.033	0.192	0.187	0.095	0.023
3551	35.50	0.067	0.264	0.586	0.968	1.266	1.471	1.557	1.555	1.514	1.468
3561	35.60	1.420	1.343	1.205	0.992	0.719	0.427	0.152	-0.088	-0.312	-0.540
3571	35.70	-0.870	-1.252	-1.677	-2.088	-2.429	-2.674	-2.861	-2.978	-3.139	-3.340
3581	35.80	-3.546	-3.667	-3.599	-3.258	-2.619	-1.729	-0.683	0.400	1.428	2.346
3591	35.90	3.151	3.866	4.517	5.118	5.663	6.132	6.509	6.788	6.976	7.083
3601	36.00	7.115	7.067	6.919	6.654	6.262	5.744	5.115	4.393	3.587	2.701
3611	36.10	1.735	0.699	-0.376	-1.436	-2.412	-3.237	-3.871	-4.314	-4.602	-4.795
3621	36.20	-4.947	-5.082	-5.179	-5.180	-5.010	-4.610	-3.963	-3.102	-2.108	-1.079
3631	36.30	-0.103	0.765	1.508	2.136	2.664	3.087	3.377	3.485	3.373	3.032
3641	36.40	2.505	1.876	1.253	0.729	0.356	0.132	0.012	-0.066	-0.153	-0.269
3651	36.50	-0.402	-0.523	-0.611	-0.661	-0.695	-0.741	-0.817	-0.918	-1.017	-1.078
3661	36.60	-1.081	-1.036	-0.987	-0.992	-1.103	-1.340	-1.678	-2.059	-2.410	-2.669
3671	36.70	-2.799	-2.796	-2.681	-2.488	-2.253	-2.012	-1.800	-1.650	-1.590	-1.631
3681	36.80	-1.758	-1.927	-2.076	-2.143	-2.088	-1.906	-1.624	-1.288	-0.935	-0.583
3691	36.90	-0.223	0.162	0.583	1.022	1.437	1.776	2.005	2.127	2.183	2.232
3701	37.00	2.322	2.459	2.599	2.664	2.577	2.301	1.858	1.325	0.806	0.386
3711	37.10	0.105	-0.052	-0.137	-0.206	-0.288	-0.376	-0.434	-0.429	-0.355	-0.242
3721	37.20	-0.151	-0.138	-0.236	-0.414	-0.612	-0.737	-0.705	-0.470	-0.033	0.556
3731	37.30	1.223	1.879	2.438	2.823	2.974	2.868	2.434	1.760	0.897	-0.056
3741	37.40	-0.985	-1.795	-2.433	-2.892	-3.202	-3.403	-3.523	-3.555	-3.463	-3.198
3751	37.50	-2.723	-2.035	-1.189	-0.196	0.800	1.735	2.534	3.136	3.489	3.552
3761	37.60	3.305	2.755	1.969	0.973	-0.064	-1.054	-1.892	-2.619	-3.169	-3.604
3771	37.70	-3.965	-4.274	-4.525	-4.694	-4.746	-4.656	-4.411	-4.012	-3.463	-2.769
3781	37.80	-1.940	-0.999	-0.001	0.969	1.807	2.417	2.743	2.789	2.622	2.351
3791	37.90	2.091	1.927	1.891	1.962	2.086	2.209	2.292	2.332	2.344	2.352
3801	38.00	2.365	2.374	2.355	2.279	2.135	1.931	1.697	1.476	1.304	1.201
3811	38.10	1.166	1.173	1.183	1.152	1.057	0.814	0.477	0.050	-0.424	-0.882
3821	38.20	-1.263	-1.518	-1.630	-1.613	-1.506	-1.361	-1.222	-1.112	-1.033	-0.967
3831	38.30	-0.899	-0.824	-0.754	-0.715	-0.728	-0.799	-0.906	-1.003	-1.034	-0.954
3841	38.40	-0.746	-0.431	-0.062	0.288	0.554	0.695	0.708	0.620	0.483	0.349
3851	38.50	0.250	0.194	0.161	0.114	0.021	-0.137	-0.353	-0.599	-0.840	-1.046
3861	38.60	-1.204	-1.315	-1.391	-1.439	-1.458	-1.433	-1.352	-1.210	-1.028	-0.844
3871	38.70	-0.703	-0.637	-0.645	-0.691	-0.709	-0.632	-0.415	-0.053	0.416	0.926
3881	38.80	1.408	1.810	2.113	2.325	2.469	2.572	2.653	2.719	2.770	2.803
3891	38.90	2.812	2.781	2.684	2.491	2.170	1.713	1.142	0.516	-0.085	-0.579
3901	39.00	-0.908	-1.058	-1.055	-0.951	-0.798	-0.624	-0.423	-0.167	0.182	0.666
3911	39.10	1.214	1.837	2.437	2.920	3.195	3.194	2.885	2.282	1.450	0.496
3921	39.20	-0.453	-1.278	-1.905	-2.327	-2.603	-2.839	-3.142	-3.573	-4.120	-4.696
3931	39.30	-5.169	-5.413	-5.352	-4.982	-4.366	-3.596	-2.756	-1.892	-1.009	-0.089
3941	39.40	0.875	1.861	2.809	3.668	4.317	4.793	5.093	5.265	5.356	5.397
3951	39.50	5.390	5.317	5.157	4.905	4.567	4.157	3.677	3.107	2.410	1.550
3961	39.60	0.520	-0.639	-1.842	-2.976	-3.939	-4.669	-5.163	-5.471	-5.666	-5.809
3971	39.70	-5.926	-5.994	-5.954	-5.743	-5.322	-4.702	-3.940	-3.132	-2.379	-1.761
3981	39.80	-1.306	-0.993	-0.752	-0.696	-0.150	0.322	0.905	1.535	2.119	2.566
3991	39.90	2.815	2.852	2.710	2.459	2.178	1.934	1.773	1.709	1.728	1.798

Table 7—6—9

TABLE OF CORRECTED ACCELERATION RECORD

NO. 9

INDEX NO. 1153 206-GR-1-46 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -24.825 (GAL) T= 4.08 (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	1.876	1.913	1.866	1.702	1.415	1.025	0.561	0.144	-0.234	-0.528
4011	40.10	-0.750	-0.942	-1.149	-1.393	-1.654	-1.872	-1.974	-1.910	-1.680	-1.361
4021	40.20	-0.985	-0.691	-0.507	-0.410	-0.335	-0.211	-0.001	0.275	0.550	0.748
4031	40.30	0.836	0.850	0.888	1.069	1.468	2.072	2.768	3.382	3.745	3.760
4041	40.40	3.438	2.889	2.270	1.717	1.294	0.979	0.693	0.355	-0.073	-0.561
4051	40.50	-1.026	-1.372	-1.536	-1.513	-1.352	-1.127	-0.900	-0.694	-0.498	-0.288
4061	40.60	-0.059	0.151	0.266	0.192	-0.122	-0.669	-1.364	-2.069	-2.634	-2.955
4071	40.70	-3.002	-2.833	-2.565	-2.328	-2.223	-2.287	-2.492	-2.765	-3.018	-3.181
4081	40.80	-3.214	-3.108	-2.872	-2.518	-2.058	-1.506	-0.895	-0.278	0.277	0.706
4091	40.90	0.983	1.134	1.242	1.424	1.784	2.369	3.147	4.008	4.801	5.388
4101	41.00	5.693	5.718	5.538	5.258	4.966	4.700	4.443	4.145	3.761	3.281
4111	41.10	2.741	2.206	1.738	1.365	1.065	0.778	0.432	-0.019	-0.579	-1.205
4121	41.20	-1.826	-2.375	-2.812	-3.131	-3.354	-3.514	-3.635	-3.721	-3.759	-3.729
4131	41.30	-3.615	-3.413	-3.138	-2.811	-2.462	-2.123	-1.824	-1.593	-1.451	-1.410
4141	41.40	-1.464	-1.586	-1.733	-1.856	-1.908	-1.860	-1.702	-1.448	-1.124	-0.761
4151	41.50	-0.389	-0.032	0.291	0.568	0.788	0.949	1.056	1.114	1.146	1.171
4161	41.60	1.204	1.251	1.307	1.352	1.354	1.278	1.089	0.767	0.311	-0.252
4171	41.70	-0.872	-1.481	-2.008	-2.402	-2.638	-2.729	-2.712	-2.638	-2.546	-2.456
4181	41.80	-2.362	-2.244	-2.081	-1.862	-1.595	-1.298	-0.969	-0.677	-0.362	-0.042
4191	41.90	0.278	0.574	0.806	0.931	0.928	0.811	0.638	0.500	0.498	0.707
4201	42.00	1.158	1.828	2.647	3.518	4.367	5.058	5.611	5.997	6.239	6.371
4211	42.10	6.431	6.442	6.407	6.302	6.081	5.692	5.101	4.312	3.378	2.398
4221	42.20	1.490	0.751	0.227	-0.105	-0.333	-0.568	-0.906	-1.385	-1.972	-2.575
4231	42.30	-3.085	-3.420	-3.556	-3.532	-3.432	-3.338	-3.301	-3.312	-3.315	-3.231
4241	42.40	-3.000	-2.604	-2.080	-1.506	-0.974					

Table 7—7—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.078	-1.274	-0.739	-0.703	-1.022	-1.254	-0.934	0.113	1.586	2.778
11	0.10	2.878	1.392	-1.548	-5.138	-8.169	-9.503	-8.546	-5.515	-1.370	2.547
21	0.20	5.015	5.359	3.644	0.583	-2.781	-5.455	-6.801	-6.673	-5.370	-3.459
31	0.30	-1.566	-0.171	0.686	0.459	0.029	-0.414	-0.539	-0.226	0.351	0.777
41	0.40	0.579	-0.520	-2.376	-4.369	-5.590	-5.210	-2.507	0.854	4.876	7.612
51	0.50	7.782	4.943	-0.224	-6.092	-10.660	-12.316	-10.460	-5.738	0.226	5.466
61	0.60	8.416	8.472	4.109	2.598	-0.565	-2.253	-2.085	-0.479	1.614	3.130
71	0.70	3.301	1.892	-0.769	-3.962	-6.829	-8.633	-8.945	-7.722	-5.275	-2.173
81	0.80	0.916	3.378	4.795	5.015	4.164	2.592	0.771	-0.806	-1.709	-1.634
91	0.90	-0.447	1.776	4.716	7.807	10.304	11.440	10.655	7.825	3.399	-1.658
101	1.00	-6.113	-8.856	-9.279	-7.499	-4.309	-0.878	1.689	2.756	2.335	1.021
111	1.10	-0.338	-1.024	-0.740	0.314	1.590	2.493	2.663	2.128	1.253	0.548
121	1.20	0.416	0.970	1.988	3.012	3.543	3.231	2.002	0.075	-2.118	-4.073
131	1.30	-5.365	-5.759	-5.262	-4.096	-2.608	-1.144	0.075	1.007	1.774	2.547
141	1.40	3.404	4.207	4.596	4.110	2.415	-0.470	-4.050	-7.433	-9.604	-9.804
151	1.50	-7.849	-4.248	-0.050	3.537	5.596	5.829	4.619	2.806	1.290	0.626
161	1.60	0.817	1.377	1.625	1.063	-0.359	-2.198	-3.730	-4.290	-3.595	-1.874
171	1.70	0.221	1.903	2.574	2.053	0.618	-1.144	-2.591	-3.261	-2.999	-1.953
181	1.80	-0.466	1.056	2.250	2.849	2.708	1.825	0.383	-1.233	-2.472	-2.260
191	1.90	-1.712	0.637	3.722	6.545	7.986	7.245	4.239	-0.250	-4.762	-7.666
201	2.00	-7.802	-4.988	-0.173	4.865	8.180	8.430	5.442	0.332	-4.877	-8.019
211	2.10	-7.616	-3.472	3.211	10.232	15.161	16.187	12.755	5.755	-2.767	-10.279
221	2.20	-14.579	-14.475	-10.133	-2.977	4.793	10.924	13.808	12.961	9.104	3.845
231	2.30	-0.933	-3.757	-4.062	-2.331	0.174	1.980	2.035	0.138	-3.003	-6.107
241	2.40	-7.889	-7.616	-5.399	-2.104	1.059	3.072	3.508	2.622	1.122	-0.245
251	2.50	-1.068	-1.408	-1.665	-2.142	-2.930	-3.512	-3.556	-2.288	0.136	3.012
261	2.60	5.211	5.698	4.079	0.914	-2.415	-4.256	-3.434	0.133	5.272	9.944
271	2.70	12.054	10.348	4.997	-2.387	-9.349	-13.546	-13.671	-9.958	-4.055	1.676
281	2.80	5.129	5.286	2.574	-1.400	-4.599	-5.461	-3.564	0.217	4.130	6.337
291	2.90	5.736	2.453	-2.202	-6.303	-8.131	-6.921	-3.187	1.488	5.117	6.137
301	3.00	4.045	-0.408	-5.552	-9.492	-10.857	-9.304	-5.571	-1.101	2.593	4.519
311	3.10	4.528	3.254	1.735	0.923	1.284	2.663	4.422	5.756	6.042	5.053
321	3.20	2.997	0.384	-2.174	-4.159	-5.258	-5.393	-4.689	-3.415	-1.924	-0.575
331	3.30	0.339	0.672	0.470	-0.050	-0.591	-0.917	-0.968	-0.896	-0.964	-1.366
341	3.40	-2.048	-2.648	-2.614	-1.495	0.753	3.575	5.907	6.542	4.663	0.304
351	3.50	-5.495	-10.942	-14.122	-13.736	-9.662	-3.070	3.990	9.357	11.582	10.460
361	3.60	7.032	3.068	0.274	-0.441	0.704	2.562	3.683	3.069	0.693	-2.458
371	3.70	-4.841	-5.105	-2.771	1.470	5.994	8.918	8.910	5.783	0.594	-4.772
381	3.80	-8.367	-8.946	-6.419	-1.807	3.236	7.111	8.868	8.454	6.566	4.227
391	3.90	2.292	1.140	0.639	0.570	-0.060	-0.780	-1.608	-2.194	-2.241	-1.677
401	4.00	-0.679	0.441	1.415	2.146	2.701	3.203	3.680	3.988	3.860	3.067
411	4.10	1.589	-0.305	-2.135	-3.410	-3.850	-3.508	-2.709	-1.847	-1.148	-0.538
421	4.20	0.292	1.639	3.514	5.474	6.714	6.390	4.049	-0.061	-4.954	-9.220
431	4.30	-11.550	-11.268	-8.609	-4.626	-0.763	1.732	2.276	1.118	-0.855	-2.566
441	4.40	-3.226	-2.636	-1.198	0.350	1.309	1.331	0.531	-0.626	-1.586	-1.966
451	4.50	-1.713	-1.089	-0.513	-0.376	-0.881	-1.999	-3.495	-5.028	-6.237	-6.806
461	4.60	-6.500	-5.196	-2.920	0.118	3.506	6.677	9.010	9.991	9.365	7.239
471	4.70	4.071	0.570	-2.492	-4.486	-5.089	-4.354	-2.675	-0.658	1.069	2.039
481	4.80	2.084	1.369	0.316	-0.561	-0.859	-0.454	0.447	1.391	1.869	1.558
491	4.90	0.482	-0.967	-2.178	-2.580	-1.900	-0.307	1.665	3.234	3.868	3.327

Table 7—7—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.832	-0.073	-1.766	-2.805	-3.060	-2.691	-1.982	-1.155	-0.261	0.779
511	5.10	2.026	3.358	4.408	4.674	3.765	1.669	-1.111	-3.651	-4.926	-4.233
521	5.20	-1.530	2.579	6.568	9.452	10.289	9.000	6.288	3.309	1.181	0.513
531	5.30	1.183	2.445	3.315	3.046	1.490	-0.840	-3.006	-4.090	-3.631	-1.854
541	5.40	0.401	2.039	2.182	0.558	-2.365	-5.563	-7.861	-8.401	-6.963	-4.020
551	5.50	-0.512	2.543	4.445	5.026	4.629	3.874	3.329	3.251	3.497	3.632
561	5.60	3.178	1.857	-0.262	-2.783	-5.141	-6.820	-7.530	-7.267	-6.262	-4.859
571	5.70	-3.381	-2.057	-1.014	-0.306	0.053	0.084	-0.132	-0.435	-0.602	-0.625
581	5.80	0.197	1.170	2.200	2.881	2.850	1.943	0.283	-1.750	-3.654	-4.986
591	5.90	-5.510	-5.240	-4.387	-3.230	-2.000	-0.824	0.246	1.165	1.827	2.079
601	6.00	1.795	0.988	-0.127	-1.160	-1.688	-1.442	-0.452	0.933	2.172	2.774
611	6.10	2.523	1.596	0.498	-0.162	0.047	1.165	2.804	4.304	5.004	4.522
621	6.20	2.903	0.588	-1.780	-3.613	-4.581	-4.680	-4.156	-3.343	-2.499	-1.729
631	6.30	-1.009	-0.281	0.450	1.074	1.413	1.318	0.757	-0.143	-1.133	-1.930
641	6.40	-2.311	-2.175	-1.556	-0.580	0.568	1.681	2.539	2.930	2.690	1.776
651	6.50	0.342	-1.235	-2.425	-2.716	-1.821	0.146	2.644	4.854	5.977	5.553
661	6.60	3.046	0.991	-1.545	-3.040	-3.024	-1.636	0.450	2.318	3.199	2.790
671	6.70	1.352	-0.435	-1.789	-2.169	-1.497	-0.163	1.168	1.851	1.534	0.288
681	6.80	-1.442	-3.032	-3.919	-3.804	-2.730	-1.042	0.764	2.204	2.955	2.921
691	6.90	2.227	1.138	-0.040	-1.060	-1.796	-2.249	-2.500	-2.642	-2.708	-2.640
701	7.00	-2.313	-1.608	-0.492	0.925	2.403	3.652	4.453	4.749	4.672	4.477
711	7.10	4.605	4.548	4.777	4.790	4.253	2.987	1.104	-0.983	-2.687	-3.465
721	7.20	-3.104	-1.559	0.487	2.577	3.765	3.459	1.989	-0.107	-2.229	-3.705
731	7.30	-4.047	-3.132	-1.228	1.113	3.241	4.625	5.019	4.526	3.535	2.543
741	7.40	1.939	1.821	1.939	1.787	0.826	-1.249	-4.317	-7.803	-10.849	-12.616
751	7.50	-12.606	-10.865	-7.972	-4.820	-2.275	-0.864	-0.614	-1.102	-1.688	-1.802
761	7.60	-1.184	0.049	1.491	2.646	3.135	2.823	1.835	0.474	-0.903	-1.989
771	7.70	-2.589	-2.635	-2.182	-1.381	-0.460	0.327	0.765	0.757	0.380	-0.132
781	7.80	-0.463	-0.359	0.251	1.203	2.160	2.765	2.811	2.353	1.682	1.190
791	7.90	1.175	1.698	2.559	3.409	3.931	3.996	3.700	3.272	2.908	2.630
801	8.00	2.266	1.569	0.413	-1.050	-2.375	-2.990	-2.473	-0.809	1.526	3.704
811	8.10	4.872	4.527	2.749	0.191	-2.189	-3.537	-3.459	-2.172	-0.386	1.030
821	8.20	1.439	0.702	-0.784	-2.288	-3.076	-2.730	-1.303	0.726	2.667	3.905
831	8.30	4.119	3.367	2.018	0.578	-0.503	-0.974	-0.831	-0.273	0.402	0.915
841	8.40	1.098	0.935	0.553	0.162	-0.033	0.091	0.524	1.114	1.624	1.820
851	8.50	1.562	0.855	-0.158	-1.268	-2.292	-3.155	-3.891	-4.588	-5.281	-5.865
861	8.60	-6.086	-5.614	-4.223	-1.927	0.925	3.221	5.253	6.533	5.874	4.583
871	8.70	-1.516	-0.292	-1.615	-2.024	-1.773	-1.377	-1.363	-2.013	-3.226	-4.552
881	8.80	-5.381	-5.211	-3.873	-1.638	0.858	2.822	3.576	2.804	0.669	-2.214
891	8.90	-4.962	-6.686	-6.781	-5.103	-2.046	1.568	4.736	6.582	6.642	5.017
901	9.00	2.341	-0.444	-2.423	-3.044	-2.314	-0.782	0.690	1.285	0.569	-1.332
911	9.10	-3.779	-5.895	-6.918	-6.510	-4.878	-2.662	-0.661	0.492	0.552	-0.289
921	9.20	-1.546	-2.679	-3.308	-3.523	-2.848	-2.114	-1.314	-0.538	0.209	0.922
931	9.30	1.514	1.815	1.654	0.991	0.008	-0.892	-1.220	-0.610	0.988	3.234
941	9.40	5.487	7.036	7.374	6.397	4.449	2.181	0.305	-0.665	-0.557	0.457
951	9.50	1.995	3.658	5.176	6.455	7.516	8.379	8.973	9.130	8.665	7.509
961	9.60	5.808	3.925	2.344	1.479	1.511	2.291	3.388	4.254	4.431	3.726
971	9.70	2.269	0.444	-1.280	-2.529	-3.169	-3.210	-2.928	-2.522	-2.110	-1.675
981	9.80	-1.118	-0.367	0.528	1.365	1.843	1.684	0.752	-0.875	-2.918	-4.988
991	9.90	-6.715	-7.840	-8.263	-8.006	-7.158	-5.812	-4.062	-2.028	0.098	2.034

Table 7—7—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.455	4.089	3.827	2.788	1.289	-0.275	-1.593	-2.571	-3.364	-4.281
1011	10.10	-5.595	-7.349	-9.252	-10.730	-11.120	-9.952	-7.187	-3.307	0.776	3.995
1021	10.20	5.467	4.784	2.140	-1.729	-5.791	-9.033	-10.742	-10.668	-9.030	-6.374
1031	10.30	-3.371	-0.609	1.530	2.915	3.615	3.807	3.688	3.414	3.088	2.776
1041	10.40	2.536	2.430	2.517	2.821	3.314	3.909	4.491	4.971	5.338	5.675
1051	10.50	6.136	6.853	7.862	9.013	9.981	10.349	9.762	8.083	5.495	2.480
1061	10.60	-0.312	-2.276	-3.064	-2.700	-1.556	-0.194	0.873	1.380	1.403	1.286
1071	10.70	1.450	2.151	3.308	4.475	4.985	4.206	1.815	-2.026	-6.661	-11.109
1081	10.80	-14.368	-15.611	-14.589	-11.482	-6.891	-1.608	3.606	8.170	11.726	14.081
1091	10.90	15.100	14.640	12.552	8.788	3.537	-2.669	-8.963	-14.308	-17.772	-18.830
1101	11.00	-17.557	-14.623	-11.056	-7.851	-5.581	-4.167	-2.936	-0.960	2.447	7.300
1111	11.10	12.763	17.350	19.454	17.989	12.904	5.316	-2.817	-9.353	-12.728	-12.487
1121	11.20	-9.391	-5.069	-1.240	0.781	0.716	-0.767	-2.430	-3.066	-2.026	0.527
1131	11.30	3.735	6.447	7.695	7.055	4.745	1.471	-1.880	-4.549	-6.094	-6.413
1141	11.40	-5.650	-4.059	-1.900	0.529	3.237	5.815	8.133	9.998	11.226	11.631
1151	11.50	11.006	9.129	5.835	1.145	-4.604	-10.696	-16.141	-19.917	-21.318	-20.223
1161	11.60	-17.170	-13.171	-9.323	-6.381	-4.514	-3.338	-2.244	-0.832	0.774	1.918
1171	11.70	1.751	-0.244	-3.800	-7.739	-10.294	-9.769	-5.255	2.910	13.157	23.195
1181	11.80	30.778	34.432	33.829	29.710	23.454	16.514	9.995	4.516	0.317	-2.531
1191	11.90	-4.002	-4.160	-3.319	-2.159	-1.633	-2.628	-5.500	-9.719	-13.865	-16.064
1201	12.00	-14.746	-9.413	-1.047	8.044	14.971	17.297	13.958	5.688	-5.230	-15.785
1211	12.10	-23.273	-26.166	-24.475	-19.529	-13.331	-7.782	-4.086	-2.517	-2.553	-3.243
1221	12.20	-3.603	-2.901	-0.784	2.720	7.245	12.129	16.469	19.238	19.503	16.717
1231	12.30	11.002	3.273	-4.887	-11.609	-15.287	-15.086	-11.211	-4.829	2.346	8.645
1241	12.40	12.987	15.162	15.757	15.769	16.074	16.981	18.062	18.324	16.656	12.365
1251	12.50	5.579	-2.661	-10.682	-16.731	-19.601	-19.095	-16.119	-12.367	-9.694	-9.397
1261	12.60	-11.700	-15.621	-19.315	-20.745	-18.456	-12.138	-2.780	7.647	16.837	22.883
1271	12.70	24.817	22.781	17.795	11.286	4.575	-1.461	-6.448	-10.349	-13.194	-14.885
1281	12.80	-15.182	-13.851	-10.893	-6.691	-1.993	2.238	5.380	6.902	6.969	6.086
1291	12.90	4.901	3.930	3.389	3.195	3.116	2.991	2.877	3.058	3.906	5.645
1301	13.00	8.158	10.927	13.159	14.051	13.107	10.358	6.409	2.272	-0.954	-2.444
1311	13.10	-1.913	0.306	3.402	6.394	8.496	9.385	9.294	8.864	8.828	9.633
1321	13.20	11.159	12.652	12.931	10.789	5.482	-2.903	-13.340	-24.066	-33.068	-38.674
1331	13.30	-40.049	-37.435	-32.029	-25.564	-19.727	-15.644	-13.596	-13.071	-13.100	-12.740
1341	13.40	-11.495	-9.508	-7.455	-6.184	-6.269	-7.674	-9.677	-11.102	-10.777	-8.007
1351	13.50	-2.893	3.681	10.366	15.862	19.398	20.988	21.341	21.477	22.228	23.834
1361	13.60	25.828	27.258	27.125	24.845	20.504	14.805	8.714	3.011	-2.046	-6.767
1371	13.70	-11.734	-17.320	-23.246	-28.421	-31.195	-29.947	-23.814	-13.226	-0.023	12.957
1381	13.80	22.700	26.962	25.004	17.849	7.946	-1.623	-8.136	-10.051	-7.422	-1.720
1391	13.90	4.800	9.965	12.460	12.228	10.354	8.499	8.107	9.703	12.566	14.925
1401	14.00	14.615	9.951	0.488	-12.664	-26.983	-39.486	-47.515	-49.715	-46.448	-39.618
1411	14.10	-31.988	-26.217	-23.996	-25.565	-29.756	-34.486	-37.489	-36.985	-32.091	-22.899
1421	14.20	-10.269	4.474	19.812	34.197	46.136	56.275	57.599	55.679	48.924	38.660
1431	14.30	26.913	15.906	7.421	2.254	0.039	-0.480	-0.799	-1.891	-3.701	-5.116
1441	14.40	-4.491	-0.490	7.124	17.133	27.163	34.524	37.271	35.006	29.059	21.950
1451	14.50	16.356	14.021	15.091	18.152	20.929	21.345	16.434	12.756	6.140	0.926
1461	14.60	-0.945	1.390	7.526	16.064	25.166	33.103	38.590	40.842	39.480	34.412
1471	14.70	25.821	14.226	0.551	-14.083	-20.436	-41.688	-53.575	-64.340	-74.351	-83.555
1481	14.80	-91.055	-95.087	-93.495	-84.583	-67.977	-45.119	-19.110	6.063	26.657	40.193
1491	14.90	45.993	45.065	39.457	31.416	22.732	14.488	7.232	1.348	-2.659	-4.160

Table 7—7—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.687	1.667	7.989	14.635	19.661	21.439	19.193	13.199	6.606	-5.054
1511	15.10	-14.395	-22.522	-29.070	-33.960	-37.064	-37.999	-36.177	-31.106	-22.808	-12.111
1521	15.20	-0.652	9.473	16.307	18.662	16.553	11.235	4.843	-0.278	-2.321	-0.585
1531	15.30	4.307	10.637	16.167	18.895	17.718	12.812	5.581	-1.797	-7.078	-8.681
1541	15.40	-6.193	-0.484	6.605	12.882	16.517	16.609	13.408	8.140	2.508	-1.934
1551	15.50	-4.303	-4.606	-3.607	-2.395	-1.843	-2.202	-2.984	-3.211	-1.915	1.333
1561	15.60	6.106	11.194	15.068	16.541	15.554	12.359	7.201	2.550	8.239	10.678
1571	15.70	12.894	12.252	6.613	-4.530	-19.483	-34.643	-45.629	-48.851	-42.887	-29.113
1581	15.80	-11.297	5.680	17.485	21.710	18.461	10.008	-0.290	-9.254	-14.837	-16.427
1591	15.90	-14.546	-10.208	-4.365	2.303	9.227	15.628	20.367	22.164	20.167	14.585
1601	16.00	7.001	0.088	-3.271	-1.143	6.511	17.599	28.519	35.478	35.951	29.698
1611	16.10	18.869	7.155	-1.689	-5.300	-3.595	1.420	6.403	8.274	5.341	-2.110
1621	16.20	-12.099	-21.886	-29.112	-32.644	-32.784	-30.846	-28.358	-26.293	-24.702	-22.866
1631	16.30	-19.839	-15.088	-8.890	-2.304	3.248	6.587	7.253	5.668	2.908	0.238
1641	16.40	-1.385	-1.613	-0.724	0.603	1.617	1.774	0.862	-1.000	-3.453	-5.976
1651	16.50	-7.961	-8.782	-7.923	-5.170	-0.797	4.359	9.048	11.988	12.358	10.196
1661	16.60	6.472	2.756	0.561	0.660	2.687	5.269	6.673	5.702	2.432	-1.613
1671	16.70	-3.973	-2.294	4.561	15.707	28.518	39.283	44.669	42.837	34.292	21.476
1681	16.80	7.898	-3.175	-9.831	-11.997	-11.201	-9.766	-9.837	-12.633	-18.158	-25.390
1691	16.90	-32.755	-38.637	-41.776	-41.427	-37.421	-30.154	-20.586	-10.176	-0.713	6.071
1701	17.00	8.983	7.822	3.553	-1.854	-6.125	-7.347	-4.656	1.540	9.860	18.498
1711	17.10	26.132	32.176	36.858	40.755	44.176	46.719	47.254	44.373	37.099	25.504
1721	17.20	10.923	-4.365	-17.862	-27.664	-33.005	-34.315	-32.796	-29.766	-26.082	-21.907
1731	17.30	-16.899	-10.678	-3.301	4.492	11.397	15.950	17.022	14.187	7.816	-1.097
1741	17.40	-11.239	-21.275	-30.019	-36.483	-39.875	-39.668	-35.638	-28.230	-18.448	-7.854
1751	17.50	1.783	8.949	12.819	13.482	11.852	9.294	7.112	6.097	6.304	7.123
1761	17.60	7.590	6.810	4.320	0.290	-4.483	-8.766	-11.186	-10.578	-6.280	1.642
1771	17.70	12.326	24.214	35.354	43.833	48.264	48.166	44.099	37.494	30.212	23.959
1781	17.80	19.788	17.837	17.421	17.403	16.710	14.774	11.753	8.326	5.541	4.180
1791	17.90	4.502	6.092	7.992	9.024	8.173	4.892	-0.770	-8.251	-16.699	-25.251
1801	18.00	-33.235	-40.266	-46.090	-50.666	-53.742	-55.126	-54.556	-51.965	-47.611	-42.105
1811	18.10	-36.270	-30.858	-26.250	-22.275	-18.266	-13.370	-6.986	0.857	9.364	17.186
1821	18.20	22.897	25.547	25.050	22.212	18.395	14.968	12.799	12.029	12.211	12.722
1831	18.30	13.213	13.836	15.125	17.569	21.133	24.989	27.665	27.576	23.742	16.332
1841	18.40	6.768	2.693	-0.759	-12.942	-12.072	-8.289	-3.515	0.346	2.134	1.793
1851	18.50	0.250	-1.090	-0.978	1.182	5.145	9.975	14.409	17.249	17.650	15.232
1861	18.60	10.068	2.608	-6.389	-15.911	-24.762	-31.703	-35.658	-35.957	-32.515	-25.888
1871	18.70	-17.156	-7.691	1.134	8.182	12.692	14.331	13.169	9.647	4.534	-1.155
1881	18.80	-6.299	-9.897	-11.336	-10.595	-8.292	-5.496	-3.354	-2.651	-3.484	-5.210
1891	18.90	-6.701	-6.823	-4.937	-1.206	3.437	7.656	10.244	10.613	9.009	6.371
1901	19.00	3.899	2.535	2.570	3.555	4.530	4.462	2.689	-0.806	-5.399	-10.052
1911	19.10	-13.672	-15.414	-14.861	-12.026	-7.259	-1.130	5.659	12.312	17.989	21.912
1921	19.20	23.537	22.759	20.020	16.270	12.714	10.433	10.010	11.322	13.607	15.774
1931	19.30	16.865	16.431	14.688	12.358	10.271	8.913	8.127	7.131	4.849	0.448
1941	19.40	-6.175	-14.156	-21.827	-27.228	-28.795	-25.949	-19.353	-10.727	-2.272	4.079
1951	19.50	7.294	7.528	5.940	4.155	3.536	4.616	6.889	9.035	9.504	7.191
1961	19.60	1.943	-5.326	-12.939	-19.063	-22.358	-22.622	-19.860	-15.988	-12.304	-9.977
1971	19.70	-9.521	-10.779	-11.142	-11.887	-10.445	-20.512	-21.999	-22.883	-23.096	-22.510
1981	19.80	-21.024	-18.680	-15.719	-12.522	-9.440	-6.621	-3.920	-0.963	2.637	7.024
1991	19.90	11.918	16.619	20.215	21.912	21.350	18.769	14.949	10.947	7.738	5.913

Table 7—7—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.533	6.197	7.270	8.163	8.553	8.455	8.140	7.948	8.092	8.562
2011	20.10	9.040	9.231	8.854	7.892	6.619	5.502	4.999	5.339	6.392	7.698
2021	20.20	8.656	8.811	8.095	6.914	6.004	6.116	7.647	10.397	13.568	16.045
2031	20.30	16.826	15.449	12.191	7.970	3.975	1.200	0.070	0.341	1.276	2.010
2041	20.40	1.910	0.769	-1.229	-3.721	-6.403	-9.161	-12.026	-15.019	-17.997	-20.634
2051	20.50	-22.572	-23.660	-24.122	-24.527	-25.512	-27.368	-29.703	-31.385	-30.855	-26.732
2061	20.60	-18.457	-6.695	6.713	19.272	28.624	33.309	33.191	29.401	23.866	18.498
2071	20.70	14.775	13.199	13.443	14.666	15.835	16.256	15.521	13.570	10.550	6.696
2081	20.80	2.298	-2.287	-6.606	-10.155	-12.487	-13.368	-12.882	-11.438	-9.638	-8.071
2091	20.90	-7.111	-6.811	-6.938	-7.134	-7.121	-6.849	-6.527	-6.511	-7.098	-8.334
2101	21.00	-9.908	-11.196	-11.454	-10.082	-6.876	-2.150	3.310	8.458	12.311	14.246
2111	21.10	14.194	12.635	10.408	8.412	7.286	7.219	7.929	8.815	9.219	8.674
2121	21.20	7.056	4.576	1.663	-1.213	-3.678	-5.495	-6.552	-6.749	-5.998	-4.230
2131	21.30	-1.486	1.989	5.718	9.061	11.371	12.184	11.340	9.010	5.600	1.607
2141	21.40	-2.511	-6.387	-9.723	-12.226	-13.590	-13.560	-12.066	-9.356	-6.064	-3.078
2151	21.50	-1.299	-1.313	-3.152	-6.232	-9.535	-11.961	-12.721	-11.605	-9.038	-5.888
2161	21.60	-3.133	-1.510	-1.288	-2.218	-3.669	-4.851	-5.057	-3.648	-1.138	2.787
2171	21.70	7.333	11.705	15.073	16.775	16.509	14.665	11.307	7.984	5.399	4.059
2181	21.80	3.848	4.053	3.661	1.818	-1.722	-6.392	-10.949	-13.936	-14.265	-11.699
2191	21.90	-6.979	-1.564	2.940	5.380	5.458	3.737	1.293	-0.831	-2.090	-2.615
2201	22.00	-3.037	-4.066	-6.035	-8.653	-11.075	-12.252	-11.400	-8.353	-3.648	1.676
2211	22.10	6.470	9.871	11.533	11.633	10.682	9.269	7.863	6.738	6.017	5.751
2221	22.20	5.959	6.592	7.450	8.122	8.029	6.575	3.584	-1.506	-7.554	-13.816
2231	22.30	-19.178	-22.565	-23.686	-22.264	-18.494	-13.198	-7.711	-2.208	2.524	6.134
2241	22.40	8.505	9.732	10.068	9.866	9.498	9.269	9.347	9.738	10.314	10.891
2251	22.50	11.317	11.536	11.594	11.584	11.570	11.524	11.315	10.744	9.628	7.869
2261	22.60	5.497	2.666	-0.379	-3.348	-5.938	-7.850	-8.820	-8.649	-7.261	-4.755
2271	22.70	-1.429	2.256	5.755	8.558	10.275	10.688	9.732	7.456	3.990	-0.453
2281	22.80	-5.528	-10.734	-15.430	-18.952	-20.793	-20.784	-19.185	-16.627	-13.902	-11.685
2291	22.90	-10.297	-9.623	-9.215	-8.540	-7.250	-5.344	-3.169	-1.246	-0.039	0.234
2301	23.00	-0.346	-1.487	-2.842	-4.147	-5.263	-6.119	-6.623	-6.620	-5.951	-4.591
2311	23.10	-2.773	-1.005	0.083	0.015	-1.243	-3.161	-4.752	-4.973	-3.070	0.981
2321	23.20	6.454	12.121	16.711	19.394	20.058	19.267	17.936	16.879	16.465	16.515
2331	23.30	16.498	15.877	14.456	12.513	10.691	9.684	9.900	11.254	13.203	14.982
2341	23.40	15.932	15.757	14.592	12.874	11.093	9.556	8.273	7.007	5.458	3.462
2351	23.50	1.120	-1.215	-3.083	-4.127	-4.283	-3.874	-3.562	-4.169	-6.425	-10.697
2361	23.60	-16.788	-23.880	-30.641	-35.623	-37.486	-35.659	-30.357	-22.808	-14.953	-8.689
2371	23.70	-5.408	-5.475	-8.102	-11.625	-14.127	-14.149	-11.244	-6.129	-0.392	4.137
2381	23.80	6.095	5.081	1.759	-2.457	-5.991	-7.701	-7.252	-5.129	-2.329	0.103
2391	23.90	1.485	1.688	1.056	0.133	-0.636	-1.099	-1.391	-1.765	-2.372	-3.102
2401	24.00	-3.590	-3.373	-2.120	0.176	3.139	5.123	8.433	9.570	9.395	8.149
2411	24.10	6.335	4.530	3.197	2.571	2.656	3.290	4.248	5.323	6.357	7.233
2421	24.20	7.848	8.096	7.885	7.175	6.018	4.572	3.082	1.827	1.046	0.884
2431	24.30	1.349	2.311	3.516	4.627	5.288	5.192	4.167	2.238	-0.344	-3.133
2441	24.40	-5.604	-7.298	-7.970	-7.670	-6.712	-5.541	-4.543	-3.894	-3.506	-3.119
2451	24.50	-2.483	-1.554	-0.576	-0.015	-0.332	-1.715	-3.891	-6.132	-7.482	-7.118
2461	24.60	-4.703	-0.569	4.362	8.892	11.965	13.027	12.162	9.990	7.369	5.054
2471	24.70	3.465	2.643	2.382	2.437	2.696	3.222	4.164	5.601	7.422	9.308
2481	24.80	10.838	11.658	11.625	10.868	9.725	8.608	7.855	7.642	7.965	8.688
2491	24.90	9.607	10.487	11.076	11.104	10.311	8.515	5.698	2.076	-1.909	-5.681

Table 7—7—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-8.695	-10.605	-11.363	-11.205	-10.546	-9.810	-9.291	-9.090	-9.140	-9.283
2511	25.10	-9.366	-9.283	-8.986	-8.458	-7.702	-6.758	-5.736	-4.833	-4.296	-4.344
2521	25.20	-5.026	-6.168	-7.370	-8.134	-8.054	-6.998	-5.180	-3.088	-1.276	-0.126
2531	25.30	0.323	0.394	0.623	1.503	3.245	5.669	8.256	10.362	11.474	11.413
2541	25.40	10.383	8.860	7.375	6.290	5.660	5.248	4.662	3.557	1.817	-0.370
2551	25.50	-2.561	-4.218	-4.912	-4.491	-3.160	-1.423	0.064	0.705	0.153	-1.583
2561	25.60	-6.150	-6.975	-9.440	-11.179	-11.995	-12.082	-11.812	-11.591	-11.673	-12.059
2571	25.70	-12.482	-12.519	-11.748	-9.922	-7.074	-3.527	0.187	3.473	5.833	6.984
2581	25.80	6.925	5.913	4.382	2.818	1.629	1.044	1.062	1.487	2.017	2.376
2591	25.90	2.432	2.255	2.089	2.237	2.904	4.067	5.428	6.491	6.731	5.798
2601	26.00	3.666	0.676	-2.568	-5.393	-7.269	-7.963	-7.576	-6.462	-5.070	-3.787
2611	26.10	-2.831	-2.235	-1.898	-1.672	-1.438	-1.147	-0.810	-0.468	-0.161	0.096
2621	26.20	0.311	0.503	0.689	0.871	1.033	1.140	1.148	1.019	0.764	0.373
2631	26.30	0.027	-0.115	0.135	0.896	2.144	3.683	5.181	6.277	6.719	6.486
2641	26.40	5.806	5.099	4.788	5.131	6.090	7.329	8.366	8.675	8.085	6.676
2651	26.50	4.839	3.090	1.857	1.312	1.328	1.561	1.629	1.296	0.571	-0.303
2661	26.60	-0.967	-1.120	-0.645	0.344	1.562	2.682	3.466	3.866	3.912	3.836
2671	26.70	3.763	3.724	3.627	3.303	2.605	1.493	0.068	-1.456	-2.866	-3.946
2681	26.80	-4.746	-5.377	-6.038	-6.882	-7.913	-8.951	-9.676	-9.759	-9.005	-7.469
2691	26.90	-5.476	-3.535	-2.173	-1.754	-2.353	-3.738	-5.462	-7.034	-8.078	-8.441
2701	27.00	-8.183	-7.490	-6.538	-5.395	-4.001	-2.235	-0.032	2.508	5.095	7.304
2711	27.10	8.721	9.097	8.451	7.077	5.454	4.084	3.334	3.338	3.986	4.996
2721	27.20	6.036	6.833	7.244	7.268	7.004	6.587	6.126	5.665	5.170	4.548
2731	27.30	3.680	2.467	0.872	-1.046	-3.125	-5.121	-6.759	-7.812	-8.166	-7.865
2741	27.40	-7.106	-6.179	-5.376	-4.901	-4.810	-5.011	-5.309	-5.492	-5.404	-4.991
2751	27.50	-4.295	-3.613	-2.441	-1.433	-0.397	0.674	1.761	2.779	3.581	3.991
2761	27.60	3.877	3.220	2.154	0.958	-0.015	-0.438	-0.124	0.905	2.407	3.995
2771	27.70	5.249	5.857	5.814	4.948	3.860	2.858	1.715	1.075	1.679	1.723
2781	27.80	1.604	1.187	0.501	-0.273	-0.890	-1.154	-1.005	-0.535	0.065	0.601
2791	27.90	0.961	1.153	1.263	1.376	1.493	1.493	1.175	0.353	-1.037	-2.867
2801	28.00	-4.837	-6.558	-7.689	-8.047	-7.663	-6.751	-5.621	-4.562	-3.764	-3.281
2811	28.10	-3.058	-2.982	-2.942	-2.864	-2.721	-2.529	-2.329	-2.184	-2.164	-2.328
2821	28.20	-2.693	-3.204	-3.715	-4.005	-3.862	-3.064	-1.664	0.171	2.087	3.652
2831	28.30	4.485	4.371	3.336	1.636	-0.110	-2.031	-3.124	-3.331	-2.584	-1.000
2841	28.40	1.158	3.534	5.748	7.455	8.406	8.486	7.733	6.303	4.438	2.385
2851	28.50	0.350	-1.536	-3.201	-4.604	-5.696	-6.398	-6.612	-6.259	-5.316	-3.846
2861	28.60	-1.990	0.064	2.126	4.040	5.697	7.034	8.026	8.685	9.066	9.284
2871	28.70	9.502	9.893	10.579	11.550	12.636	13.516	13.818	13.244	11.701	9.363
2881	28.80	6.651	4.112	2.260	1.420	1.665	2.718	4.236	5.737	6.819	7.218
2891	28.90	6.832	5.707	4.004	1.960	-0.138	-1.994	-3.349	-4.037	-4.036	-3.486
2901	29.00	-2.663	-1.900	-1.490	-1.590	-2.189	-3.125	-4.171	-5.129	-5.905	-6.533
2911	29.10	-7.135	-7.846	-8.736	-9.773	-10.823	-11.705	-12.254	-12.369	-12.039	-11.326
2921	29.20	-10.335	-9.182	-7.980	-6.834	-5.845	-5.111	-4.707	-4.662	-4.961	-5.440
2931	29.30	-6.008	-6.488	-6.754	-6.746	-6.471	-5.985	-5.358	-4.650	-3.891	-3.088
2941	29.40	-2.243	-1.371	-0.519	0.237	0.797	1.066	0.978	0.524	-0.229	-1.131
2951	29.50	-1.972	-2.520	-2.587	-2.083	-1.054	0.325	1.807	3.164	4.272	5.156
2961	29.60	5.975	6.931	8.161	9.639	11.160	12.397	13.035	12.902	12.063	10.804
2971	29.70	9.535	8.631	8.301	8.525	9.086	9.683	10.054	10.062	9.704	9.056
2981	29.80	8.189	7.117	5.796	4.173	2.253	0.137	-2.008	-4.014	-5.790	-7.357
2991	29.90	-8.814	-10.246	-11.626	-12.767	-13.366	-13.131	-11.934	-9.922	-7.509	-5.265

Table 7—7—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.717	-3.164	-3.574	-4.612	-5.776	-6.593	-6.769	-6.269	-5.275	-4.076
3011	30.10	-2.946	-2.065	-1.409	-0.976	-0.662	-0.420	-0.270	-0.291	-0.590	-1.256
3021	30.20	-2.317	-3.710	-5.264	-6.709	-7.721	-7.999	-7.352	-5.791	-3.556	-1.077
3031	30.30	1.150	2.712	3.419	3.360	2.843	2.258	1.904	1.869	2.015	2.081
3041	30.40	1.843	1.266	0.546	0.067	0.208	1.176	2.882	4.949	6.847	8.090
3051	30.50	8.420	7.897	6.855	5.757	5.008	4.814	5.131	5.722	6.285	6.589
3061	30.60	6.565	6.310	6.026	5.915	6.084	6.499	7.011	7.426	7.595	7.487
3071	30.70	7.209	6.961	6.958	7.335	8.084	9.046	9.959	10.549	10.422	10.123
3081	30.80	9.147	7.894	6.599	5.458	4.593	4.041	3.770	3.697	3.702	3.619
3091	30.90	3.248	2.387	0.892	-1.243	-3.832	-6.511	-8.824	-10.375	-10.987	-10.789
3101	31.00	-10.193	-9.755	-9.966	-11.067	-12.957	-15.236	-17.371	-18.901	-19.596	-19.512
3111	31.10	-18.921	-18.174	-17.545	-17.167	-16.926	-16.727	-16.379	-15.762	-14.817	-13.533
3121	31.20	-11.926	-10.343	-7.985	-5.938	-4.156	-2.893	-2.290	-2.271	-2.507	-2.489
3131	31.30	-1.690	0.216	3.206	6.861	10.442	13.317	14.810	14.786	13.491	11.492
3141	31.40	9.467	7.982	7.327	7.473	8.135	8.912	9.438	9.498	9.070	8.296
3151	31.50	7.405	6.620	6.086	5.831	5.780	5.801	5.775	5.650	5.460	5.310
3161	31.60	5.305	5.486	5.782	6.014	5.969	5.491	4.567	3.363	2.166	1.275
3171	31.70	0.880	0.972	1.356	1.736	1.859	1.620	1.104	0.525	0.098	-0.084
3181	31.80	-0.113	-0.222	-0.672	-1.606	-2.956	-4.455	-5.742	-6.513	-6.647	-6.255
3191	31.90	-5.611	-5.021	-4.694	-4.660	-4.789	-4.887	-4.807	-4.537	-4.193	-3.960
3201	32.00	-3.983	-4.290	-4.777	-5.252	-5.532	-5.523	-5.251	-4.839	-4.428	-4.109
3211	32.10	-3.883	-3.678	-3.413	-3.061	-2.688	-2.440	-2.474	-2.880	-3.620	-4.511
3221	32.20	-5.277	-5.627	-5.342	-4.360	-2.685	-0.566	1.771	4.053	6.048	7.573
3231	32.30	8.514	8.835	8.589	7.928	7.082	6.325	5.899	5.944	6.442	7.215
3241	32.40	7.981	8.458	8.474	8.036	7.338	6.676	6.331	6.438	6.920	7.502
3251	32.50	7.815	7.543	6.552	4.957	3.084	1.360	0.153	-0.356	-0.230	0.252
3261	32.60	0.715	0.365	0.004	-0.606	-1.886	-3.170	-4.176	-4.731	-4.844	-4.674
3271	32.70	-4.470	-4.474	-4.828	-5.519	-6.380	-7.148	-7.549	-7.396	-6.658	-5.672
3281	32.80	-4.103	-2.856	-1.985	-1.620	-1.738	-2.200	-2.811	-3.396	-3.851	-4.154
3291	32.90	-4.344	-4.471	-4.569	-4.632	-4.639	-4.570	-4.427	-4.235	-4.014	-3.753
3301	33.00	-3.389	-2.826	-1.969	-0.781	0.682	2.262	3.739	4.893	5.569	5.727
3311	33.10	5.446	4.892	4.270	3.767	3.518	3.584	3.949	4.522	5.157	5.665
3321	33.20	5.857	5.596	4.857	3.702	2.580	1.664	1.337	1.771	2.895	4.382
3331	33.30	5.735	6.445	6.178	4.902	2.919	0.773	-0.933	-1.750	-1.528	-0.467
3341	33.40	0.970	2.225	2.841	2.598	1.557	-0.003	-1.718	-3.270	-4.485	-5.344
3351	33.50	-5.940	-6.403	-6.836	-7.294	-7.796	-8.359	-9.012	-9.783	-10.662	-11.570
3361	33.60	-12.351	-12.822	-12.851	-12.424	-11.674	-10.824	-10.079	-9.500	-8.941	-8.073
3371	33.70	-6.528	-4.078	-0.799	2.889	6.329	8.855	10.050	9.928	8.949	7.846
3381	33.80	7.344	7.871	9.387	11.414	13.236	14.196	13.962	12.642	10.715	8.813
3391	33.90	7.461	6.883	6.956	7.321	7.575	7.467	6.984	6.319	5.738	5.428
3401	34.00	5.402	5.509	5.542	5.367	5.012	4.662	4.553	4.830	5.432	6.088
3411	34.10	6.410	6.070	4.958	3.254	1.366	-0.238	-1.233	-1.585	-1.574	-1.682
3421	34.20	-2.390	-3.975	-6.396	-9.305	-12.178	-14.507	-15.955	-16.445	-16.131	-15.301
3431	34.30	-14.257	-13.230	-12.352	-11.667	-11.173	-10.832	-10.570	-10.258	-9.715	-8.750
3441	34.40	-7.250	-5.256	-3.009	-0.910	0.610	1.249	0.983	0.108	-0.831	-1.225
3451	34.50	-0.620	1.104	3.678	6.531	8.979	10.451	10.673	9.722	7.978	5.961
3461	34.60	4.155	2.869	2.177	1.954	1.969	2.600	1.920	1.722	1.495	1.356
3471	34.70	1.383	1.574	1.844	2.069	2.142	2.033	1.800	1.575	1.495	1.639
3481	34.80	1.967	2.322	2.475	2.205	1.387	0.047	-1.443	-3.413	-4.991	-6.173
3491	34.90	-6.370	-7.100	-6.965	-6.495	-5.818	-4.957	-3.961	-2.916	-1.959	-1.251

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TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.931	-1.061	-1.593	-2.388	-3.261	-4.047	-4.659	-5.098	-5.434	-5.754
3511	35.10	-6.116	-6.522	-6.908	-7.175	-7.205	-6.887	-6.127	-4.862	-3.083	-0.859
3521	35.20	1.635	4.121	6.257	7.721	8.306	8.007	7.036	5.778	4.670	4.064
3531	35.30	4.116	4.743	5.671	6.544	7.058	7.067	6.616	5.903	5.188	4.681
3541	35.40	4.472	4.499	4.591	4.537	4.177	3.460	2.468	1.395	0.484	-0.038
3551	35.50	-0.021	0.571	1.659	3.072	4.589	5.983	7.065	7.712	7.887	7.651
3561	35.60	7.112	6.496	6.009	5.829	6.039	6.588	7.282	7.837	7.961	7.456
3571	35.70	6.304	4.677	2.893	1.303	0.161	-0.463	-0.703	-0.832	-1.140	-1.821
3581	35.80	-2.894	-4.218	-5.562	-6.714	-7.565	-8.133	-8.530	-8.880	-9.251	-9.621
3591	35.90	-9.892	-9.943	-9.687	-9.097	-8.202	-7.063	-5.743	-4.307	-2.843	-1.486
3601	36.00	-0.417	0.175	0.165	-0.432	-1.433	-2.516	-3.327	-3.605	-3.285	-2.529
3611	36.10	-1.660	-1.034	-0.900	-1.306	-2.089	-2.944	-3.545	-3.658	-3.205	-2.267
3621	36.20	-1.042	0.227	1.304	1.999	2.184	1.809	0.919	-0.328	-1.671	-2.776
3631	36.30	-3.323	-3.094	-2.060	-0.402	1.534	3.342	4.690	5.414	5.554	5.313
3641	36.40	4.956	4.705	4.662	4.801	5.007	5.154	5.174	5.087	4.988	4.994
3651	36.50	5.192	5.591	6.121	6.650	7.036	7.173	7.023	6.626	6.082	5.513
3661	36.60	5.019	4.646	4.362	4.081	3.695	3.127	2.378	1.538	0.759	0.191
3671	36.70	-0.086	-0.157	-0.072	-0.183	-0.657	-1.578	-2.857	-4.263	-5.502	-6.349
3681	36.80	-6.736	-6.785	-6.750	-6.904	-7.417	-8.282	-9.319	-10.265	-10.892	-11.102
3691	36.90	-10.968	-10.676	-10.433	-10.365	-10.458	-10.579	-10.554	-10.262	-9.697	-8.976
3701	37.00	-8.282	-7.775	-7.522	-7.473	-7.491	-7.416	-7.138	-6.627	-5.928	-5.120
3711	37.10	-6.265	-5.386	-4.669	-4.090	-3.447	-2.628	-1.677	-2.642	-3.488	-4.213
3721	37.20	4.827	5.332	5.711	5.935	6.000	5.962	5.949	6.136	6.679	7.648
3731	37.30	8.973	10.457	11.836	12.879	13.479	13.685	13.664	13.611	13.639	13.712
3741	37.40	13.649	13.208	12.209	10.638	8.695	6.744	5.190	4.333	4.253	4.769
3751	37.50	5.502	6.002	5.901	5.032	3.476	1.524	-0.142	-2.028	-3.048	-3.470
3761	37.60	-3.476	-3.358	-3.420	-3.879	-4.793	-6.056	-7.435	-8.659	-9.500	-9.845
3771	37.70	-9.715	-9.251	-8.653	-8.117	-7.779	-7.687	-7.807	-8.039	-8.259	-8.343
3781	37.80	-8.198	-7.757	-7.040	-6.055	-4.894	-3.663	-2.479	-1.434	-0.576	0.096
3791	37.90	0.630	1.088	1.520	1.948	2.360	2.730	3.034	3.270	3.454	3.601
3801	38.00	3.709	3.751	3.687	3.497	3.207	2.899	2.691	2.687	2.930	3.375
3811	38.10	3.894	4.332	4.570	4.567	4.367	4.064	3.733	3.369	2.899	2.197
3821	38.20	1.166	-0.193	-1.760	-3.322	-4.650	-5.587	-6.096	-6.266	-6.252	-6.203
3831	38.30	-6.200	-6.247	-6.295	-6.303	-6.277	-6.278	-6.388	-6.655	-7.053	-7.481
3841	38.40	-7.802	-7.907	-7.764	-7.432	-7.028	-6.670	-6.428	-6.299	-6.228	-6.145
3851	38.50	-6.003	-5.785	-5.478	-5.031	-4.340	-3.262	-1.672	0.459	3.017	5.745
3861	38.60	8.310	10.407	11.863	12.680	13.019	13.116	13.178	13.299	13.443	13.480
3871	38.70	13.271	12.746	11.946	11.012	10.141	9.513	9.238	9.332	9.717	10.254
3881	38.80	10.765	11.062	10.975	10.378	9.213	7.521	5.446	3.206	1.047	-0.830
3891	38.90	-2.326	-3.467	-4.372	-5.192	-6.037	-6.920	-7.755	-8.405	-8.747	-8.744
3901	39.00	-8.461	-8.040	-7.632	-7.328	-7.120	-6.907	-6.557	-5.982	-5.191	-4.303
3911	39.10	-3.497	-2.931	-2.659	-2.601	-2.557	-2.293	-1.636	-0.555	0.815	2.213
3921	39.20	3.368	4.000	4.093	3.709	3.042	2.311	1.677	1.196	0.821	0.454
3931	39.30	0.013	-0.520	-1.088	-1.592	-1.949	-2.131	-2.183	-2.186	-2.197	-2.200
3941	39.40	-2.090	-1.715	-0.955	0.186	1.537	2.780	3.543	3.542	2.698	1.205
3951	39.50	-0.520	-1.955	-2.648	-2.367	-1.169	0.632	2.586	4.273	5.435	6.035
3961	39.60	6.223	6.227	6.225	6.259	6.220	5.915	5.185	4.005	2.529	1.059
3971	39.70	-0.070	-0.619	-0.544	-0.023	0.618	1.031	0.989	0.475	-0.311	-1.045
3981	39.80	-1.415	-1.254	-0.614	0.259	1.022	1.376	1.185	0.515	-0.397	-1.253
3991	39.90	-1.821	-2.017	-1.925	-1.743	-1.679	-1.854	-2.253	-2.738	-3.117	-3.244

Table 7—7—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.079	-2.714	-2.322	-2.075	-2.066	-2.251	-2.470	-2.506	-2.175	-1.426
4011	40.10	-0.354	0.805	1.764	2.276	2.226	1.669	0.805	-0.095	-0.789	-1.141
4021	40.20	-1.165	-0.998	-0.829	-0.812	-0.992	-1.291	-1.562	-1.569	-1.276	-0.707
4031	40.30	-0.045	0.443	0.497	-0.043	-1.179	-2.758	-4.521	-6.192	-7.554	-8.496
4041	40.40	-9.017	-9.194	-9.135	-8.935	-8.659	-8.342	-8.004	-7.660	-7.328	-7.028
4051	40.50	-6.771	-6.564	-6.409	-6.314	-6.285	-6.321	-6.396	-6.438	-6.356	-6.046
4061	40.60	-5.447	-4.568	-3.506	-2.415	-1.452	-0.710	-0.186	0.231	0.687	1.308
4071	40.70	2.134	3.097	4.057	4.871	5.467	5.875	6.207	6.592	7.097	7.688
4081	40.80	8.238	8.598	8.680	8.519	8.265	8.114	8.207	8.544	8.965	9.216
4091	40.90	9.064	8.410	7.346	6.122	5.039	4.308	3.966	3.866	3.761	3.429
4101	41.00	2.793	1.947	1.110	0.503	0.231	0.221	0.255	0.073	-0.494	-1.443
4111	41.10	-2.596	-3.684	-4.474	-4.867	-4.934	-4.864	-4.853	-4.998	-5.247	-5.424
4121	41.20	-5.318	-4.793	-3.858	-2.672	-1.480	-0.508	0.121	0.431	0.563	0.715
4131	41.30	1.051	1.644	2.456	3.364	4.206	4.838	5.174	5.201	4.976	4.603
4141	41.40	4.207	3.896	3.743	3.767	3.939	4.202	4.499	4.794	5.085	5.386
4151	41.50	5.699	5.992	6.187	6.184	5.903	5.329	4.531	3.662	2.809	2.136
4161	41.60	1.639	1.257	0.891	0.468	-0.026	-0.544	-1.035	-1.497	-2.016	-2.736
4171	41.70	-3.286	-5.213	-6.728	-8.274	-9.087	-9.052	-8.296	-6.982	-5.576	-4.564
4181	41.80	-4.261	-4.671	-5.486	-6.217	-6.392	-5.751	-4.343	-2.490	-0.651	0.755
4191	41.90	1.491	1.549	1.101	0.396	-0.345	-0.996	-1.522	-1.947	-2.303	-2.602
4201	42.00	-2.835	-2.988	-3.056	-3.036	-2.918	-2.663	-2.217	-1.533	-0.615	0.457
4211	42.10	1.532	2.433	3.019	3.234	3.132	2.841	2.515	2.278	2.191	2.260
4221	42.20	2.465	2.787	3.223	3.759	4.353	4.913	5.317	5.466	5.333	5.001
4231	42.30	4.635	4.455	4.428	4.795	5.200	5.459	5.356	4.794	3.849	2.741
4241	42.40	1.747	1.090	0.858	0.973	1.239	1.427	1.361	0.979	0.332	-0.443
4251	42.50	-1.192	-1.787	-2.164	-2.326	-2.337	-2.298	-2.325	-2.520	-2.943	-3.579
4261	42.60	-4.336	-5.053	-5.542	-5.655	-5.339	-4.671	-3.833	-3.063	-2.566	-2.448
4271	42.70	-2.683	-3.143	-3.653	-4.072	-4.338	-4.482	-4.592	-4.756	-5.013	-5.333
4281	42.80	-5.633	-5.815	-5.812	-5.609	-5.244	-4.779	-4.273	-3.756	-3.228	-2.674
4291	42.90	-2.078	-1.445	-0.797	-0.164	0.428	0.975	1.488	1.988	2.489	2.989
4301	43.00	3.463	3.874	4.187	4.381	4.463	4.467	4.448	4.466	4.569	4.780
4311	43.10	5.086	5.439	5.763	5.975	6.004	5.814	5.410	4.843	4.194	3.553
4321	43.20	2.996	2.566	2.267	2.064	1.898	1.698	1.395	0.932	0.271	-0.606
4331	43.30	-1.694	-2.960	-4.346	-5.753	-7.077	-8.192	-8.993	-9.411	-9.460	-9.136
4341	43.40	-8.611	-7.997	-7.402	-6.870	-6.360	-5.758	-4.925	-3.758	-2.255	-0.541
4351	43.50	1.152	2.553	3.445	3.753	3.576	3.158	2.800	2.742	3.078	3.704
4361	43.60	4.390	4.857	4.908	4.507	3.795	3.028	2.470	2.287	2.486	2.931
4371	43.70	3.413	3.755	3.883	3.857	3.823	3.938	4.285	4.829	5.431	5.904
4381	43.80	6.093	5.932	5.663	4.809	4.117	3.503	3.022	2.671	2.418	2.230
4391	43.90	2.090	2.000	1.959	1.945	1.917	1.825	1.640	1.374	1.081	0.829
4401	44.00	0.668	0.590	0.523	0.351	-0.042	-0.722	-1.669	-2.781	-3.907	-4.897
4411	44.10	-5.648	-6.134	-6.391	-6.496	-6.515	-6.495	-6.435	-6.307	-6.081	-5.765
4421	44.20	-5.314	-4.836	-4.376	-4.000	-3.765	-3.699	-3.799	-4.021	-4.284	-4.485
4431	44.30	-4.526	-4.345	-3.948	-3.421	-2.909	-2.573	-2.551	-2.802	-3.292	-3.817
4441	44.40	-4.163	-4.162	-3.749	-2.984	-2.027	-1.072	-0.286	0.244	0.507	0.552
4451	44.50	0.442	0.219	-0.105	-0.528	-1.032	-1.555	-1.996	-2.243	-2.218	-1.912
4461	44.60	-1.395	-0.792	-0.244	0.148	0.342	0.360	0.262	0.109	-0.055	-0.205
4471	44.70	-0.315	-0.343	-0.218	0.133	0.753	1.620	2.629	3.615	4.414	4.916
4481	44.80	5.122	5.132	5.111	5.207	5.486	5.901	6.315	6.568	6.554	6.277
4491	44.90	5.852	5.449	5.214	5.196	5.320	5.425	5.333	4.937	4.249	3.389

Table 7—7—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.528	1.803	1.262	0.847	0.449	-0.024	-0.581	-1.124	-1.497	-1.556
4511	45.10	-1.253	-0.669	0.010	0.574	0.878	0.901	0.751	0.598	0.593	0.792
4521	45.20	1.139	1.504	1.761	1.858	1.844	1.840	1.963	2.261	2.674	3.059
4531	45.30	3.261	3.191	2.874	2.438	2.053	1.848	1.853	1.995	2.142	2.177
4541	45.40	2.062	1.865	1.631	1.508	1.493	1.516	1.450	1.182	0.673	-0.015
4551	45.50	-0.757	-1.423	-1.956	-2.391	-2.853	-3.465	-4.285	-5.251	-6.197	-6.916
4561	45.60	-7.255	-7.180	-6.795	-6.298	-5.882	-5.669	-5.665	-5.686	-5.620	-5.316
4571	45.70	-4.744	-3.886	-3.197	-2.534	-2.086	-1.841	-1.702	-1.532	-1.220	-0.724
4581	45.80	-0.080	0.621	1.278	1.819	2.220	2.501	2.699	2.845	2.948	3.004
4591	45.90	3.004	2.960	2.904	2.881	2.928	3.052	3.228	3.401	3.512	3.525
4601	46.00	3.436	3.275	3.074	2.849	2.579	2.207	1.664	0.909	-0.043	-1.110
4611	46.10	-2.162	-3.061	-3.704	-4.062	-4.179	-4.157	-4.111	-4.129	-4.242	-4.429
4621	46.20	-4.628	-4.771	-4.807	-4.718	-4.512	-4.215	-3.855	-3.457	-3.041	-2.625
4631	46.30	-2.239	-1.871	-1.559	-1.289	-1.041	-0.785	-0.501	-0.185	0.145	0.453
4641	46.40	0.700	0.857	0.926	0.920	0.855	0.858	0.868	0.922	1.009	1.102
4651	46.50	1.164	1.164	1.074	0.887	0.613	0.286	-0.041	-0.512	-0.479	-0.522
4661	46.60	-0.458	-0.340	-0.233	-0.195	-0.250	-0.376	-0.512	-0.587	-0.544	-0.372
4671	46.70	-0.111	0.158	0.344	0.378	0.248	0.001	-0.268	-0.448	-0.450	-0.240
4681	46.80	0.151	0.636	1.108	1.480	1.722	1.870	2.016	2.261	2.660	3.183
4691	46.90	3.705	4.039	3.996	3.471	2.486	1.208	-0.103	-1.174	-1.810	-1.956
4701	47.00	-1.697	-1.212	-0.695	-0.282	-0.010	0.164	0.320	0.507	0.719	0.891
4711	47.10	0.948	0.851	0.634	0.396	0.257	0.304	0.542	0.895	1.238	1.457
4721	47.20	1.499	1.391	1.219	1.079	1.030	1.065	1.125	1.142	1.075	0.944
4731	47.30	0.816	0.772	0.857	1.055	1.282	1.429	1.402	1.166	0.764	0.297
4741	47.40	-0.117	-0.387	-0.481	-0.439	-0.346	-0.303	-0.390	-0.632	-0.999	-1.408
4751	47.50	-1.759	-1.961	-1.968	-1.793	-1.509	-1.226	-1.056	-1.073	-1.290	-1.658
4761	47.60	-2.080	-2.461	-2.732	-2.879	-2.930	-2.934	-2.919	-2.879	-2.769	-2.535
4771	47.70	-2.149	-1.631	-1.056	-0.521	-0.106	0.162	0.320	0.449	0.631	0.914
4781	47.80	1.284	1.643	2.037	2.299	2.471	2.594	2.656	2.656	2.676	2.987
4791	47.90	2.790	2.319	1.582	0.671	-0.263	-1.066	-1.626	-1.911	-1.968	-1.890
4801	48.00	-1.777	-1.696	-1.661	-1.640	-1.580	-1.436	-1.188	-0.848	-0.445	-0.015
4811	48.10	0.416	0.836	1.239	1.614	1.937	2.170	2.267	2.200	1.970	1.624
4821	48.20	1.247	0.948	0.824	0.927	1.248	1.715	2.216	2.639	2.911	3.019
4831	48.30	3.007	2.949	2.911	2.918	2.951	2.962	2.908	2.783	2.636	2.539
4841	48.40	2.567	2.738	2.998	3.230	3.297	3.096	2.810	1.875	1.044	0.245
4851	48.50	-0.427	-0.945	-1.351	-1.714	-2.091	-2.497	-2.899	-3.240	-3.477	-3.611
4861	48.60	-3.689	-3.785	-3.966	-4.254	-4.612	-4.959	-5.195	-5.245	-5.085	-4.749
4871	48.70	-4.322	-3.902	-3.574	-3.381	-3.314	-3.315	-3.302	-3.189	-2.921	-2.487
4881	48.80	-1.932	-1.339	-0.804	-0.400	-0.150	-0.018	0.081	0.237	0.510	0.900
4891	48.90	1.339	1.725	1.960	1.998	1.865	1.645	1.443	1.332	1.320	1.349
4901	49.00	1.327	1.178	0.888	0.524	0.216	0.105	0.287	0.771	1.472	2.243
4911	49.10	2.920	3.382	3.578	3.535	3.332	3.066	2.818	2.631	2.510	2.428
4921	49.20	2.347	2.231	2.053	1.801	1.478	1.104	0.711	0.338	0.029	-0.185
4931	49.30	-0.289	-0.295	-0.232	-0.145	-0.081	-0.073	-0.162	-0.290	-0.509	-0.780
4941	49.40	-1.084	-1.397	-1.693	-1.968	-2.139	-2.258	-2.315	-2.344	-2.393	-2.512
4951	49.50	-2.737	-3.064	-3.451	-3.825	-4.099	-4.208	-4.131	-3.902	-3.606	-3.345
4961	49.60	-3.207	-3.233	-3.406	-3.656	-3.891	-4.028	-4.019	-3.860	-3.578	-3.206
4971	49.70	-2.768	-2.262	-1.679	-1.017	-0.306	0.391	0.991	1.420	1.646	1.693
4981	49.80	1.637	1.575	1.593	1.728	1.967	2.258	2.536	2.747	2.865	2.886
4991	49.90	2.812	2.647	2.392	2.066	1.720	1.437	1.316	1.436	1.807	2.358

Table 7—7—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.946	3.404	3.612	3.548	3.301	3.038	2.930	3.075	3.455	3.940
5011	50.10	4.343	4.502	4.369	3.929	3.376	2.845	2.440	2.176	1.978	1.730
5021	50.20	1.341	0.790	0.143	-0.475	-0.937	-1.164	-1.155	-0.982	-0.756	-0.580
5031	50.30	-0.520	-0.584	-0.737	-0.922	-1.085	-1.187	-1.215	-1.172	-1.074	-0.946
5041	50.40	-0.815	-0.708	-0.651	-0.651	-0.701	-0.774	-0.832	-0.843	-0.788	-0.672
5051	50.50	-0.521	-0.366	-0.232	-0.127	-0.043	0.033	0.111	0.185	0.237	0.240
5061	50.60	0.172	0.030	-0.169	-0.394	-0.603	-0.760	-0.840	-0.829	-0.731	-0.559
5071	50.70	-0.339	-0.104	0.106	0.251	0.300	0.234	0.058	-0.206	-0.519	-0.861
5081	50.80	-1.134	-1.372	-1.543	-1.641	-1.673	-1.647	-1.580	-1.489	-1.393	-1.310
5091	50.90	-1.247	-1.204	-1.173	-1.143	-1.110	-1.076	-1.050	-1.035	-1.028	-1.008
5101	51.00	-0.946	-0.816	-0.605	-0.324	-0.004	0.321	0.623	0.902	1.178	1.481
5111	51.10	1.829	2.216	2.596	2.916	3.118	3.169	3.074	2.861	2.571	2.233
5121	51.20	1.855	1.433	0.965	0.475	0.013	-0.353	-0.570	-0.629	-0.581	-0.526
5131	51.30	-0.576	-0.814	-1.253	-1.829	-2.428	-2.929	-3.250	-3.378	-3.368	-3.310
5141	51.40	-3.290	-3.355	-3.507	-3.712	-3.936	-4.141	-4.400	-4.680	-5.017	-5.396
5151	51.50	-5.763	-6.042	-6.167	-6.110	-5.889	-5.565	-5.205	-4.856	-4.522	-4.171
5161	51.60	-3.759	-3.257	-2.679	-2.075	-1.514	-1.044	-0.666	-0.326	0.067	0.599
5171	51.70	1.314	2.187	3.129	4.020	4.756	5.276	5.604	5.814	6.005	6.255
5181	51.80	6.592	6.987	7.370	7.670	7.846	7.907	7.911	7.938	8.054	8.286
5191	51.90	8.607	8.946	9.212	9.323	9.226	8.909	8.402	7.757	7.043	6.328
5201	52.00	5.671	5.114	4.678	4.350	4.090	3.838	3.527	3.110	2.576	1.955
5211	52.10	1.306	0.692	0.147	-0.340	-0.824	-1.380	-2.061	-2.868	-3.738	-4.561
5221	52.20	-5.220	-5.637	-5.807	-5.794	-5.708	-5.655	-5.698	-5.838	-6.027	-6.197
5231	52.30	-6.301	-6.334	-6.331	-6.338	-6.388	-6.472	-6.543	-6.537	-6.401	-6.123
5241	52.40	-5.734	-5.293	-4.858	-4.466	-4.113	-3.766	-3.379	-2.918	-2.373	-1.756
5251	52.50	-1.099	-0.435	0.204	0.790	1.295	1.690	1.951	2.065	2.044	1.928
5261	52.60	1.772	1.639	1.572	1.586	1.662	1.761	1.836	1.855	1.807	1.705
5271	52.70	1.579	1.466	1.398	1.394	1.454	1.558	1.672	1.755	1.775	1.719
5281	52.80	1.601	1.452	1.306	1.168	1.022	0.809	0.470	0.020	-0.618	-1.207
5291	52.90	-1.624	-1.726	-1.450	-0.862	-0.149	0.439	0.684	0.480	-0.120	-0.928
5301	53.00	-1.693	-2.200	-2.348	-2.174	-1.816	-1.441	-1.170	-1.038	-0.999	-0.972
5311	53.10	-0.898	-0.771	-0.637	-0.559	-0.573	-0.666	-0.778	-0.845	-0.834	-0.766
5321	53.20	-0.705	-0.720	-0.838	-1.021	-1.175	-1.197	-1.023	-0.666	-0.217	0.198
5331	53.30	0.468	0.544	0.456	0.287	0.130	0.049	0.051	0.100	0.144	0.146
5341	53.40	0.101	0.027	-0.053	-0.137	-0.238	-0.417	-0.661	-0.958	-1.247	-1.444
5351	53.50	-1.479	-1.326	-1.015	-0.617	-0.211	0.145	0.439	0.692	0.942	1.211
5361	53.60	1.500	1.786	2.068	2.290	2.550	2.881	3.328	3.889	4.503	5.063
5371	53.70	5.455	5.600	5.494	5.205	4.854	4.558	4.394	4.372	4.442	4.532
5381	53.80	4.585	4.579	4.533	4.475	4.412	4.305	4.077	3.643	2.953	2.024
5391	53.90	0.952	-0.122	-1.057	-1.766	-2.240	-2.545	-2.783	-3.044	-3.366	-3.728
5401	54.00	-4.063	-4.304	-4.414	-4.408	-4.338	-4.264	-4.223	-4.212	-4.190	-4.110
5411	54.10	-3.947	-3.715	-3.465	-3.261	-3.150	-3.139	-3.192	-3.250	-3.259	-3.190
5421	54.20	-3.055	-2.885	-2.719	-2.577	-2.456	-2.324	-2.159	-1.944	-1.686	-1.406
5431	54.30	-1.127	-0.864	-0.617	-0.375	-0.130	0.122	0.374	0.618	0.855	1.095
5441	54.40	1.358	1.662	2.007	2.374	2.726	3.028	3.254	3.403	3.493	3.545
5451	54.50	3.574	3.574	3.524	3.406	3.216	2.978	2.737	2.542	2.422	2.372
5461	54.60	2.366	2.275	2.088	1.761	1.229	0.597	-0.078	-0.701	-1.180	-1.450
5471	54.70	-1.485	-1.309	-0.993	-0.645	-0.388	-0.330	-0.534	-1.001	-1.671	-2.441
5481	54.80	-3.200	-3.863	-4.386	-4.768	-5.031	-5.192	-5.245	-5.161	-4.910	-4.485
5491	54.90	-3.922	-3.303	-2.732	-2.301	-2.055	-1.981	-2.013	-2.062	-2.052	-1.940

Table 7—7—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.725	-1.432	-1.092	-0.725	-0.333	0.089	0.542	1.011	1.476	1.913
5511	55.10	2.317	2.702	3.093	3.510	3.944	4.366	4.639	4.737	4.580	4.162
5521	55.20	3.537	2.808	2.096	1.498	1.079	0.841	0.744	0.723	0.718	0.690
5531	55.30	0.629	0.550	0.485	0.461	0.495	0.579	0.685	0.771	0.790	0.706
5541	55.40	0.503	0.198	-0.160	-0.498	-0.732	-0.792	-0.636	-0.270	0.255	0.846
5551	55.50	1.396	1.804	2.006	1.987	1.785	1.475	1.141	0.867	0.621	0.448
5561	55.60	0.285	0.089	-0.157	-0.426	-0.663	-0.802	-0.804	-0.680	-0.499	-0.360
5571	55.70	-0.356	-0.528	-0.850	-1.231	-1.552	-1.715	-1.685	-1.498	-1.244	-1.024
5581	55.80	-0.903	-0.883	-0.907	-0.892	-0.765	-0.504	-0.136	0.271	0.654	0.973
5591	55.90	1.232	1.462	1.697	1.945	2.184	2.370	2.472	2.487	2.459	2.453
5601	56.00	2.530	2.705	2.936	3.132	3.193	3.051	2.698	2.191	1.623	1.080
5611	56.10	0.609	0.201	-0.191	-0.617	-1.097	-1.602	-2.064	-2.411	-2.599	-2.633
5621	56.20	-2.569	-2.478	-2.414	-2.385	-2.356	-2.259	-2.056	-1.738	-1.354	-1.018
5631	56.30	-0.782	-0.693	-0.724	-0.794	-0.805	-0.686	-0.429	-0.093	0.219	0.403
5641	56.40	0.400	0.220	-0.062	-0.338	-0.506	-0.510	-0.354	-0.095	0.184	0.408
5651	56.50	0.530	0.541	0.460	0.318	0.161	-0.059	-0.275	-0.502	-0.729	-0.936
5661	56.60	-1.101	-1.217	-1.292	-1.354	-1.440	-1.578	-1.772	-1.999	-2.214	-2.370
5671	56.70	-2.435	-2.406	-2.314	-2.200	-2.104	-2.043	-2.005	-1.958	-1.867	-1.714
5681	56.80	-1.508	-1.281	-1.071	-0.904	-0.779	-0.669	-0.539	-0.357	-0.117	0.162
5691	56.90	0.447	0.702	0.912	1.076	1.209	1.322	1.409	1.455	1.438	1.355
5701	57.00	1.223	1.085	0.985	0.948	0.965	0.996	0.994	0.940	0.863	0.840
5711	57.10	0.967	1.312	1.872	2.556	3.210	3.672	3.832	3.677	3.291	2.820
5721	57.20	2.405	2.129	1.985	1.898	1.765	1.510	1.120	0.647	0.176	-0.214
5731	57.30	-0.483	-0.644	-0.743	-0.833	-0.948	-1.094	-1.260	-1.431	-1.607	-1.799
5741	57.40	-2.019	-2.264	-2.511	-2.723	-2.868	-2.940	-2.963	-2.980	-3.029	-3.121
5751	57.50	-3.231	-3.312	-3.320	-3.239	-3.091	-2.922	-2.776	-2.662	-2.550	-2.383
5761	57.60	-2.111	-1.724	-1.263	-0.805	-0.421	-0.141	0.099	0.285	0.517	1.026
5771	57.70	1.498	1.950	2.234	2.262	2.033	1.642	1.243	0.981	0.938	1.099
5781	57.80	1.377	1.655	1.849	1.944	1.992	2.074	2.247	2.508	2.790	2.984
5791	57.90	2.997	2.792	2.408	1.948	1.540	1.290	1.253	1.424	1.746	2.142
5801	58.00	2.530	2.846	3.067	3.111	3.038	2.849	2.585	2.299	2.043	1.849
5811	58.10	1.721	1.630	1.537	1.406	1.229	1.033	0.866	0.773	0.773	0.842
5821	58.20	0.929	0.972	0.927	0.792	0.600	0.410	0.259	0.093	-0.158	-0.251
5831	58.30	-0.563	-0.998	-1.520	-2.056	-2.522	-2.854	-3.024	-3.051	-2.980	-2.861
5841	58.40	-2.734	-2.623	-2.535	-2.480	-2.472	-2.532	-2.677	-2.902	-3.173	-3.434
5851	58.50	-3.616	-3.666	-3.562	-3.330	-3.026	-2.725	-2.492	-2.365	-2.341	-2.388
5861	58.60	-2.451	-2.474	-2.432	-2.241	-1.956	-1.571	-1.113	-0.617	-0.124	0.327
5871	58.70	0.705	0.994	1.198	1.341	1.465	1.615	1.828	2.124	2.501	2.934
5881	58.80	3.386	3.813	4.179	4.456	4.630	4.702	4.682	4.590	4.452	4.293
5891	58.90	4.151	3.969	3.791	3.561	3.236	2.780	2.184	1.473	0.715	0.001
5901	59.00	-0.578	-0.955	-1.110	-1.069	-0.898	-0.673	-0.460	-0.293	-0.169	-0.062
5911	59.10	0.057	0.205	0.375	0.535	0.643	0.661	0.575	0.402	0.187	-0.004
5921	59.20	-0.105	-0.066	0.123	0.429	0.775	1.056	1.172	1.055	0.701	0.177
5931	59.30	-0.396	-0.873	-1.139	-1.147	-0.935	-0.611	-0.317	-0.175	-0.245	-0.512
5941	59.40	-0.904	-1.330	-1.722	-2.056	-2.353	-2.650	-2.969	-3.292	-3.564	-3.718
5951	59.50	-3.715	-3.567	-3.346	-3.154	-3.088	-3.196	-3.452	-3.780	-4.073	-4.244
5961	59.60	-4.258	-4.139	-3.959	-3.804	-3.743	-3.800	-3.959	-4.165	-4.351	-4.457
5971	59.70	-4.440	-4.283	-3.993	-3.598	-3.134	-2.644	-2.156	-1.685	-1.221	-0.743
5981	59.80	-0.232	0.316	0.876	1.397	1.823	2.118	2.286	2.378	2.478	2.667
5991	59.90	2.990	3.430	3.914	4.360	4.615	4.696	4.604	4.411	4.206	4.059

Table 7—7—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1154 SOI-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.993	3.976	3.946	3.837	3.607	3.257	2.821	2.350	1.897	1.496
6011	60.10	1.162	0.898	0.694	0.536	0.401	0.261	0.084	-0.150	-0.442	-0.758
6021	60.20	-1.035	-1.201	-1.202	-1.026	-0.721	-0.380	-0.113	-0.007	-0.097	-0.350
6031	60.30	-0.682	-0.988	-1.186	-1.238	-1.160	-1.005	-0.838	-0.698	-0.592	-0.496
6041	60.40	-0.369	-0.188	0.041	0.275	0.451	0.506	0.407	0.166	-0.158	-0.479
6051	60.50	-0.711	-0.793	-0.716	-0.516	-0.267	-0.050	0.077	0.102	0.060	0.026
6061	60.60	0.084	0.295	0.674	1.185	1.744	2.258	2.646	2.872	2.967	2.923
6071	60.70	2.869	2.842	2.870	2.947	3.042	3.118	3.153	3.146	3.116	3.090
6081	60.80	3.084	3.094	3.089	3.028	2.867	2.582	2.174	1.671	1.114	0.546
6091	60.90	-0.005	-0.532	-1.044	-1.557	-2.076	-2.586	-3.045	-3.391	-3.560	-3.507
6101	61.00	-3.224	-2.749	-2.162	-1.566	-1.058	-0.701	-0.509	-0.448	-0.449	-0.440
6111	61.10	-0.371	-0.235	-0.065	0.085	0.163	0.147	0.056	-0.057	-0.124	-0.090
6121	61.20	0.063	0.314	0.607	0.880	1.081	1.194	1.233	1.237	1.243	1.274
6131	61.30	1.323	1.359	1.339	1.229	1.019	0.730	0.410	0.120	-0.084	-0.168
6141	61.40	-0.128	0.006	0.185	0.349	0.448	0.450	0.353	0.177	-0.040	-0.253
6151	61.50	-0.419	-0.509	-0.509	-0.419	-0.255	-0.042	0.185	0.391	0.537	0.588
6161	61.60	0.515	0.300	-0.062	-0.555	-1.143	-1.773	-2.374	-2.878	-3.226	-3.393
6171	61.70	-3.395	-3.296	-3.189	-3.174	-3.322	-3.647	-4.101	-4.584	-4.983	-5.217
6181	61.80	-5.267	-5.186	-5.064	-5.000	-5.034	-5.132	-5.189	-5.079	-4.710	-4.072
6191	61.90	-3.255	-2.415	-1.718	-1.276	-1.111	-1.148	-1.258	-1.311	-1.230	-1.006
6201	62.00	-0.686	-0.335	-0.003	0.298	0.585	0.877	1.176	1.459	1.689	1.852
6211	62.10	1.974	2.128	2.405	2.872	3.527	4.288	5.011	5.535	5.745	5.608
6221	62.20	5.186	4.602	3.995	3.472	3.078	2.800	2.590	2.395	2.180	1.962
6231	62.30	1.697	1.444	1.263	1.099	0.974	0.884	0.827	0.797	0.783	0.769
6241	62.40	0.741	0.694	0.640	0.603	0.612	0.682	0.803	0.945	1.070	1.149
6251	62.50	1.181	1.194	1.227	1.303	1.412	1.501	1.495	1.324	0.965	0.451
6261	62.60	-0.124	-0.647	-1.021	-1.200	-1.205	-1.109	-1.002	-0.958	-1.005	-1.121
6271	62.70	-1.253	-1.341	-1.343	-1.253	-1.094	-0.911	-0.746	-0.630	-0.571	-0.560
6281	62.80	-0.570	-0.572	-0.534	-0.435	-0.261	-0.017	0.277	0.586	0.865	1.072
6291	62.90	1.173	1.156	1.030	0.819	0.558	0.279	0.004	-0.255	-0.496	-0.717
6301	63.00	-0.916	-1.089	-1.226	-1.327	-1.398	-1.458	-1.532	-1.642	-1.794	-1.975
6311	63.10	-2.147	-2.262	-2.278	-2.175	-1.963	-1.685	-1.398	-1.153	-0.981	-0.880
6321	63.20	-0.823	-0.774	-0.706	-0.610	-0.493	-0.367	-0.232	-0.070	0.149	0.444
6331	63.30	0.804	1.175	1.470	1.597	1.496	1.169	0.684	0.149	-0.327	-0.680
6341	63.40	-0.912	-1.082	-1.272	-1.535	-1.869	-2.210	-2.463	-2.550	-2.449	-2.210
6351	63.50	-1.931	-1.712	-1.610	-1.610	-1.637	-1.593	-1.406	-1.071	-0.644	-0.221
6361	63.60	0.119	0.352	0.522	0.720	1.035	1.507	2.100	2.712	3.217	3.522
6371	63.70	3.610	3.551	3.472	3.506	3.736	4.156	4.677	5.156	5.456	5.491
6381	63.80	5.259	4.831	4.324	3.857	3.507	3.292	3.175	3.090	2.969	2.769
6391	63.90	2.489	2.155	1.809	1.489	1.212	0.974	0.755	0.533	0.293	0.037
6401	64.00	-0.222	-0.466	-0.680	-0.862	-1.019	-1.166	-1.313	-1.463	-1.606	-1.722
6411	64.10	-1.785	-1.775	-1.679	-1.499	-1.254	-0.978	-0.713	-0.501	-0.377	-0.353
6421	64.20	-0.417	-0.533	-0.649	-0.719	-0.718	-0.656	-0.577	-0.542	-0.607	-0.801
6431	64.30	-1.159	-1.481	-1.850	-2.157	-2.376	-2.520	-2.629	-2.744	-2.889	-3.050
6441	64.40	-3.183	-3.232	-3.155	-2.943	-2.622	-2.242	-1.854	-1.493	-1.168	-0.868
6451	64.50	-0.580	-0.300	-0.042	0.165	0.298	0.350	0.338	0.300	0.278	0.305
6461	64.60	0.388	0.512	0.648	0.766	0.850	0.900	0.929	0.956	0.998	1.060
6471	64.70	1.141	1.227	1.294	1.315	1.256	1.095	0.827	0.477	0.108	-0.199
6481	64.80	-0.363	-0.335	-0.127	0.187	0.490	0.659	0.615	0.351	-0.059	-0.492
6491	64.90	-0.822	-0.966	-0.915	-0.727	-0.500	-0.326	-0.256	-0.287	-0.375	-0.465

Table 7—7—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1154 SOI-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.521	-0.539	-0.545	-0.570	-0.629	-0.706	-0.767	-0.773	-0.712	-0.605
6511	65.10	-0.500	-0.454	-0.504	-0.653	-0.867	-1.097	-1.300	-1.463	-1.601	-1.744
6521	65.20	-1.916	-2.114	-2.306	-2.442	-2.476	-2.395	-2.222	-2.012	-1.822	-1.695
6531	65.30	-1.634	-1.611	-1.581	-1.509	-1.385	-1.237	-1.108	-1.041	-1.050	-1.113
6541	65.40	-1.175	-1.169	-1.044	-0.788	-0.432	-0.043	0.295	0.511	0.565	0.457
6551	65.50	0.227	-0.059	-0.331	-0.525	-0.601	-0.567	-0.379	-0.131	0.155	0.439
6561	65.60	0.693	0.909	1.098	1.275	1.474	1.715	2.011	2.358	2.741	3.134
6571	65.70	3.509	3.840	4.111	4.316	4.464	4.577	4.690	4.842	5.064	5.369
6581	65.80	5.740	6.131	6.473	6.688	6.717	6.530	6.143	5.610	5.007	4.411
6591	65.90	3.877	3.425	3.043	2.695	2.337	1.933	1.462	0.913	0.290	-0.404
6601	66.00	-1.158	-1.956	-2.769	-3.552	-4.250	-4.806	-5.180	-5.360	-5.364	-5.241
6611	66.10	-5.053	-4.859	-4.698	-4.587	-4.515	-4.462	-4.401	-4.315	-4.197	-4.050
6621	66.20	-3.883	-3.709	-3.535	-3.367	-3.206	-3.047	-2.882	-2.703	-2.499	-2.264
6631	66.30	-2.000	-1.715	-1.427	-1.155	-0.918	-0.724	-0.571	-0.449	-0.344	-0.241
6641	66.40	-0.129	0.002	0.160	0.356	0.589	0.867	1.175	1.488	1.769	1.985
6651	66.50	2.118	2.172	2.178	2.180	2.217	2.305	2.426	2.539	2.593	2.556
6661	66.60	2.427	2.243	2.065	1.947	1.918	1.959	2.029	2.069	2.037	1.925
6671	66.70	1.764	1.598	1.466	1.374	1.295	1.179	0.983	0.697	0.356	0.025
6681	66.80	-0.214	-0.310	-0.260	-0.111	0.060	0.176	0.189	0.094	-0.080	-0.286
6691	66.90	-0.487	-0.669	-0.841	-1.021	-1.219	-1.431	-1.638	-1.819	-1.967	-2.087
6701	67.00	-2.197	-2.308	-2.409	-2.466	-2.431	-2.271	-1.984	-1.616	-1.244	-0.948
6711	67.10	-0.778	-0.726	-0.733	-0.714	-0.597	-0.355	-0.024	0.320	0.599	0.776
6721	67.20	0.874	0.973	1.173	1.540	2.077	2.710	3.315	3.769	3.996	3.998
6731	67.30	3.849	3.656	3.513	3.461	3.477	3.492	3.433	3.254	2.963	2.612
6741	67.40	2.266	1.974	1.743	1.543	1.330	1.068	0.758	0.434	0.140	-0.093
6751	67.50	-0.274	-0.451	-0.689	-1.034	-1.490	-2.003	-2.488	-2.862	-3.084	-3.173
6761	67.60	-3.200	-3.253	-3.395	-3.633	-3.913	-4.153	-4.276	-4.255	-4.122	-3.956
6771	67.70	-3.841	-3.827	-3.908	-4.024	-4.092	-4.046	-3.871	-3.605	-3.322	-3.099
6781	67.80	-2.983	-2.971	-3.022	-3.077	-3.082	-3.009	-2.857	-2.637	-2.359	-2.027
6791	67.90	-1.638	-1.195	-0.719	-0.246	0.181	0.526	0.779	0.961	1.110	1.267
6801	68.00	1.456	1.675	1.902	2.108	2.278	2.412	2.529	2.656	2.806	2.980
6811	68.10	3.160	3.323	3.449	3.528	3.559	3.565	3.488	3.390	3.259	3.112
6821	68.20	2.981	2.896	2.875	2.909	2.954	2.945	2.820	2.568	2.149	1.693
6831	68.30	1.275	0.984	0.866	0.914	1.068	1.244	1.362	1.367	1.241	0.993
6841	68.40	0.650	0.242	-0.199	-0.639	-1.034	-1.341	-1.524	-1.572	-1.510	-1.392
6851	68.50	-1.286	-1.245	-1.287	-1.385	-1.484	-1.523	-1.466	-1.318	-1.123	-0.940
6861	68.60	-0.817	-0.770	-0.774	-0.787	-0.762	-0.675	-0.535	-0.369	-0.215	-0.096
6871	68.70	-0.020	0.025	0.058	0.089	0.121	0.148	0.167	0.183	0.204	0.243
6881	68.80	0.300	0.358	0.390	0.368	0.283	0.146	-0.003	-0.149	-0.166	-0.132
6891	68.90	-0.037	0.082	0.185	0.246	0.260	0.240	0.201	0.150	0.079	-0.026
6901	69.00	-0.172	-0.368	-0.524	-0.660	-0.728	-0.726	-0.687	-0.665	-0.715	-0.864
6911	69.10	-1.095	-1.355	-1.575	-1.698	-1.704	-1.620	-1.500	-1.405	-1.371	-1.393
6921	69.20	-1.435	-1.450	-1.405	-1.297	-1.160	-1.044	-0.989	-1.008	-1.078	-1.156
6931	69.30	-1.198	-1.177	-1.097	-0.983	-0.857	-0.728	-0.574	-0.360	-0.052	0.354
6941	69.40	0.824	1.288	1.668	1.904	1.979	1.927	1.813	1.714	1.685	1.744
6951	69.50	1.874	2.036	2.189	2.307	2.383	2.423	2.437	2.431	2.405	2.356
6961	69.60	2.287	2.204	2.115	2.021	1.909	1.757	1.543	1.259	0.922	0.574
6971	69.70	0.269	0.049	-0.068	-0.103	-0.103	-0.119	-0.185	-0.304	-0.449	-0.579
6981	69.80	-0.663	-0.719	-0.771	-0.877	-1.082	-1.400	-1.802	-2.222	-2.591	-2.857
6991	69.90	-3.012	-3.092	-3.156	-3.262	-3.433	-3.645	-3.830	-3.904	-3.801	-3.500

Table 7—7—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.038	-2.504	-2.003	-1.626	-1.418	-1.363	-1.397	-1.437	-1.416	-1.309
7011	70.10	-1.141	-0.966	-0.843	-0.797	-0.807	-0.811	-0.729	-0.507	-0.135	0.341
7021	70.20	0.840	1.282	1.625	1.877	2.092	2.338	2.658	3.046	3.449	3.787
7031	70.30	3.992	4.041	3.962	3.819	3.683	3.601	3.576	3.577	3.566	3.514
7041	70.40	3.426	3.328	3.253	3.215	3.204	3.187	3.131	3.023	2.877	2.724
7051	70.50	2.593	2.487	2.381	2.231	1.999	1.680	1.309	0.952	0.671	0.503
7061	70.60	0.434	0.413	0.374	0.268	0.082	-0.163	-0.427	-0.677	-0.901	-1.108
7071	70.70	-1.308	-1.497	-1.650	-1.726	-1.700	-1.578	-1.611	-1.273	-1.236	-1.325
7081	70.80	-1.525	-1.770	-1.987	-2.150	-2.198	-2.227	-2.266	-2.341	-2.436	-2.502
7091	70.90	-2.491	-2.367	-2.227	-2.084	-2.031	-2.092	-2.219	-2.308	-2.239	-1.942
7101	71.00	-1.438	-0.838	-0.301	0.036	0.111	-0.023	-0.239	-0.387	-0.366	-0.156
7111	71.10	0.167	0.492	0.716	0.795	0.754	0.660	0.584	0.564	0.595	0.643
7121	71.20	0.673	0.675	0.666	0.671	0.699	0.722	0.682	0.519	0.309	-0.216
7131	71.30	-0.664	-1.022	-1.197	-1.157	-0.943	-0.652	-0.391	-0.235	-0.203	-0.255
7141	71.40	-0.326	-0.359	-0.330	-0.254	-0.171	-0.115	-0.097	-0.099	-0.090	-0.044
7151	71.50	0.041	0.137	0.201	0.195	0.107	-0.044	-0.217	-0.367	-0.469	-0.533
7161	71.60	-0.594	-0.701	-0.893	-1.180	-1.533	-1.895	-2.196	-2.382	-2.428	-2.353
7171	71.70	-2.210	-2.067	-1.983	-1.988	-2.069	-2.177	-2.242	-2.204	-2.036	-1.745
7181	71.80	-1.390	-1.036	-0.745	-0.537	-0.404	-0.296	-0.161	0.041	0.312	0.621
7191	71.90	0.917	1.151	1.298	1.364	1.380	1.381	1.393	1.422	1.457	1.482
7201	72.00	1.489	1.487	1.492	1.520	1.573	1.630	1.659	1.628	1.529	1.380
7211	72.10	1.223	1.107	1.061	1.081	1.128	1.145	1.086	0.933	0.712	0.480
7221	72.20	0.299	0.213	0.226	0.300	0.371	0.376	0.278	0.076	-0.196	-0.486
7231	72.30	-0.745	-0.940	-1.056	-1.092	-1.052	-0.939	-0.757	-0.515	-0.233	0.053
7241	72.40	0.308	0.505	0.636	0.719	0.782	0.851	0.933	1.011	1.057	1.050
7251	72.50	0.992	0.921	0.895	0.965	1.148	1.408	1.667	1.829	1.826	1.646
7261	72.60	1.341	1.012	0.760	0.669	0.682	0.802	0.924	0.975	0.923	0.789
7271	72.70	0.626	0.492	0.422	0.417	0.454	0.507	0.569	0.655	0.787	0.974
7281	72.80	1.196	1.397	1.510	1.486	1.319	1.055	0.777	0.566	0.471	0.489
7291	72.90	0.571	0.647	0.660	0.588	0.446	0.265	0.073	-0.125	-0.346	-0.615
7301	73.00	-0.939	-1.291	-1.621	-1.867	-1.991	-2.001	-1.944	-1.895	-1.917	-2.038
7311	73.10	-2.233	-2.442	-2.592	-2.635	-2.563	-2.408	-2.229	-2.076	-1.978	-1.927
7321	73.20	-1.693	-1.848	-1.968	-1.993	-1.964	-1.907	-1.819	-1.603	-1.737	-1.880
7331	73.30	-1.985	-2.013	-1.945	-1.785	-1.556	-1.296	-1.048	-0.856	-0.750	-0.745
7341	73.40	-0.831	-0.976	-1.127	-1.224	-1.212	-1.054	-0.748	-0.323	0.167	0.656
7351	73.50	1.084	1.420	1.662	1.837	1.985	2.142	2.324	2.521	2.701	2.829
7361	73.60	2.883	2.863	2.792	2.706	2.628	2.561	2.482	2.350	2.133	1.824
7371	73.70	1.449	1.065	0.734	0.501	0.377	0.360	0.345	0.354	0.348	0.336
7381	73.80	0.341	0.386	0.467	0.554	0.603	0.576	0.463	0.298	0.163	0.068
7391	73.90	0.118	0.297	0.561	0.835	1.044	1.137	1.101	0.964	0.777	0.597
7401	74.00	0.465	0.398	0.392	0.425	0.467	0.490	0.473	0.404	0.289	0.146
7411	74.10	0.001	-0.117	-0.190	-0.216	-0.209	-0.192	-0.185	-0.190	-0.190	-0.153
7421	74.20	-0.053	0.116	0.328	0.535	0.679	0.718	0.645	0.492	0.313	0.163
7431	74.30	0.078	0.055	0.068	0.076	0.051	-0.011	-0.090	-0.154	-0.176	-0.150
7441	74.40	-0.092	-0.030	0.011	0.022	0.010	-0.007	-0.016	-0.017	-0.029	-0.078
7451	74.50	-0.183	-0.343	-0.532	-0.710	-0.839	-0.898	-0.900	-0.882	-0.894	-0.974
7461	74.60	-1.133	-1.342	-1.550	-1.697	-1.744	-1.686	-1.561	-1.430	-1.362	-1.399
7471	74.70	-1.547	-1.776	-2.032	-2.266	-2.454	-2.604	-2.754	-2.940	-3.179	-3.454
7481	74.80	-3.713	-3.898	-3.966	-3.918	-3.796	-3.662	-3.563	-3.505	-3.441	-3.290
7491	74.90	-2.978	-2.486	-1.865	-1.230	-0.716	-0.414	-0.335	-0.390	-0.434	-0.326

Table 7—7—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.008	0.539	1.169	1.681	2.017	2.125	2.073	1.995	2.023	2.223
7511	75.10	2.569	2.956	3.256	3.379	3.322	3.161	3.020	3.006	3.149	3.408
7521	75.20	3.673	3.825	3.788	3.561	3.206	2.821	2.493	2.260	2.113	2.007
7531	75.30	1.893	1.746	1.569	1.384	1.212	1.057	0.906	0.734	0.525	0.281
7541	75.40	0.026	-0.210	-0.407	-0.560	-0.684	-0.795	-0.901	-0.993	-1.048	-1.049
7551	75.50	-1.000	-0.928	-0.879	-0.896	-0.995	-1.158	-1.332	-1.458	-1.452	-1.425
7561	75.60	-1.284	-1.119	-0.974	-0.871	-0.800	-0.732	-0.634	-0.488	-0.302	-0.100
7571	75.70	0.091	0.256	0.395	0.523	0.653	0.788	0.919	1.027	1.097	1.126
7581	75.80	1.127	1.121	1.125	1.144	1.170	1.188	1.185	1.155	1.101	1.031
7591	75.90	0.948	0.855	0.754	0.659	0.594	0.590	0.664	0.809	0.940	0.992
7601	76.00	0.867	0.513	-0.045	-0.703	-1.306	-1.706	-1.817	-1.656	-1.337	-1.032
7611	76.10	-0.898	-1.021	-1.380	-1.868	-2.334	-2.650	-2.755	-2.670	-2.474	-2.260
7621	76.20	-2.095	-1.996	-1.937	-1.876	-1.772	-1.624	-1.469	-1.273	-1.115	-0.972
7631	76.30	-0.834	-0.688	-0.562	-0.419	-0.350	-0.350	-0.405	-0.466	-0.467	-0.351
7641	76.40	-0.096	0.273	0.694	1.091	1.405	1.614	1.734	1.803	1.860	1.922
7651	76.50	1.983	2.020	2.010	1.951	1.858	1.758	1.677	1.623	1.585	1.537
7661	76.60	1.457	1.336	1.188	1.038	0.913	0.822	0.760	0.721	0.619	0.497
7671	76.70	0.336	0.151	-0.035	-0.202	-0.340	-0.452	-0.544	-0.623	-0.691	-0.745
7681	76.80	-0.785	-0.815	-0.842	-0.877	-0.923	-0.974	-1.016	-1.033	-1.018	-0.975
7691	76.90	-0.922	-0.877	-0.851	-0.841	-0.827	-0.785	-0.696	-0.558	-0.384	-0.192
7701	77.00	0.001	0.196	0.406	0.647	0.920	1.208	1.468	1.656	1.738	1.718
7711	77.10	1.632	1.542	1.504	1.546	1.652	1.770	1.838	1.811	1.688	1.507
7721	77.20	1.337	1.242	1.255	1.366	1.527	1.675	1.757	1.749	1.662	1.528
7731	77.30	1.389	1.274	1.197	1.155	1.134	1.114	1.078	1.011	0.900	0.743
7741	77.40	0.555	0.364	0.214	0.167	0.183	0.313	0.488	0.637	0.689	0.603
7751	77.50	0.386	0.084	-0.231	-0.493	-0.671	-0.771	-0.829	-0.888	-0.978	-1.101
7761	77.60	-1.240	-1.378	-1.516	-1.672	-1.878	-2.155	-2.492	-2.844	-3.140	-3.316
7771	77.70	-3.339	-3.227	-3.035	-2.836	-2.678	-2.579	-2.511	-2.430	-2.301	-2.121
7781	77.80	-1.930	-1.785	-1.735	-1.794	-1.932	-2.087	-2.194	-2.213	-2.149	-2.043
7791	77.90	-1.954	-1.925	-1.968	-2.060	-2.154	-2.200	-2.170	-2.053	-1.862	-1.610
7801	78.00	-1.311	-0.974	-0.615	-0.259	0.050	0.267	0.360	0.336	0.241	0.155
7811	78.10	0.162	0.316	0.620	1.017	1.415	1.716	1.859	1.836	1.690	1.496
7821	78.20	1.324	1.216	1.177	1.178	1.182	1.165	1.126	1.088	1.064	1.080
7831	78.30	1.127	1.180	1.209	1.194	1.135	1.048	0.956	0.877	0.812	0.750
7841	78.40	0.673	0.577	0.472	0.385	0.347	0.368	0.433	0.501	0.521	0.457
7851	78.50	0.309	0.120	-0.040	-0.097	-0.012	0.206	0.498	0.777	0.963	1.015
7861	78.60	0.943	0.802	0.661	0.576	0.566	0.613	0.672	0.707	0.705	0.686
7871	78.70	0.684	0.731	0.827	0.939	1.012	0.996	0.883	0.672	0.460	0.308
7881	78.80	0.258	0.301	0.372	0.376	0.232	-0.091	-0.556	-1.067	-1.508	-1.783
7891	78.90	-1.855	-1.753	-1.556	-1.358	-1.229	-1.195	-1.235	-1.298	-1.335	-1.319
7901	79.00	-1.252	-1.163	-1.083	-1.036	-1.023	-1.028	-1.027	-1.004	-0.953	-0.881
7911	79.10	-0.802	-0.727	-0.661	-0.601	-0.542	-0.480	-0.413	-0.344	-0.273	-0.201
7921	79.20	-0.131	-0.086	-0.017	0.005	-0.008	-0.050	-0.098	-0.114	-0.053	0.113
7931	79.30	0.385	0.729	1.086	1.382	1.574	1.645	1.622	1.559	1.516	1.532
7941	79.40	1.610	1.719	1.809	1.839	1.793	1.691	1.581	1.516	1.532	1.632
7951	79.50	1.784	1.934	2.032	2.048	1.990	1.893	1.809	1.778	1.816	1.902
7961	79.60	2.012	2.083	2.085	2.005	1.857	1.670	1.478	1.305	1.161	1.043
7971	79.70	0.943	0.853	0.774	0.707	0.655	0.616	0.587	0.565	0.556	0.571
7981	79.80	0.631	0.747	0.916	1.111	1.284	1.382	1.360	1.206	0.938	0.606
7991	79.90	0.283	-0.046	-0.305	-0.521	-0.722	-0.930	-1.151	-1.370	-1.558	-1.689

Table 7—7—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	-1.755	-1.775	-1.787	-1.839	-1.967	-2.180	-2.457	-2.751	-3.005	-3.167
8011	80.10	-3.203	-3.109	-2.909	-2.669	-2.387	-2.179	-2.061	-2.036	-2.079	-2.139
8021	80.20	-2.140	-2.103	-1.966	-1.774	-1.587	-1.456	-1.400	-1.406	-1.422	-1.390
8031	80.30	-1.280	-1.198	-0.938	-0.852	-0.917	-1.142	-1.469	-1.796	-2.017	-2.068
8041	80.40	-1.960	-1.768	-1.598	-1.592	-1.591	-1.719	-1.811	-1.766	-1.530	-1.133
8051	80.50	-0.662	-0.262	-0.013	0.042	-0.058	-0.226	-0.357	-0.393	-0.325	-0.197
8061	80.60	-0.076	-0.020	-0.050	-0.145	-0.260	-0.345	-0.371	-0.332	-0.244	-0.131
8071	80.70	-0.004	0.138	0.307	0.515	0.766	1.045	1.325	1.578	1.777	1.916
8081	80.80	2.001	2.054	2.103	2.174	2.283	2.431	2.606	2.782	2.930	3.022
8091	80.90	3.045	3.004	2.926	2.845	2.796	2.797	2.842	2.899	2.921	2.865
8101	81.00	2.708	2.459	2.156	1.856	1.613	1.459	1.395	1.389	1.391	1.368
8111	81.10	1.230	1.032	0.779	0.512	0.272	0.083	-0.055	-0.162	-0.271	-0.405
8121	81.20	-0.572	-0.755	-0.920	-1.032	-1.071	-1.042	-0.976	-0.923	-0.930	-1.027
8131	81.30	-1.213	-1.457	-1.711	-1.926	-2.058	-2.101	-2.058	-1.968	-1.795	-1.615
8141	81.40	-1.422	-1.225	-1.040	-0.885	-0.787	-0.765	-0.828	-0.964	-1.142	-1.320
8151	81.50	-1.454	-1.515	-1.493	-1.401	-1.271	-1.142	-1.046	-1.004	-1.017	-1.071
8161	81.60	-1.138	-1.193	-1.217	-1.206	-1.172	-1.136	-1.119	-1.135	-1.180	-1.237
8171	81.70	-1.278	-1.281	-1.235	-1.147	-1.037	-0.927	-0.828	-0.730	-0.608	-0.426
8181	81.80	-0.163	0.182	0.578	0.973	1.313	1.559	1.707	1.786	1.844	1.931
8191	81.90	2.071	2.258	2.453	2.606	2.679	2.660	2.570	2.457	2.368	2.337
8201	82.00	2.365	2.425	2.473	2.470	2.395	2.252	2.067	1.872	1.694	1.541
8211	82.10	1.405	1.269	1.119	0.950	0.768	0.587	0.421	0.274	0.141	0.011
8221	82.20	-0.130	-0.289	-0.465	-0.648	-0.823	-0.970	-1.074	-1.122	-1.109	-1.045
8231	82.30	-0.952	-0.869	-0.842	-0.909	-1.090	-1.366	-1.679	-1.949	-2.092	-2.052
8241	82.40	-1.826	-1.462	-1.051	-0.689	-0.446	-0.344	-0.355	-0.415	-0.455	-0.429
8251	82.50	-0.326	-0.168	0.010	0.175	0.314	0.430	0.534	0.629	0.703	0.731
8261	82.60	0.693	0.581	0.415	0.237	0.093	0.015	0.012	0.061	0.126	0.171
8271	82.70	0.183	0.170	0.163	0.195	0.285	0.429	0.598	0.753	0.858	0.895
8281	82.80	0.871	0.809	0.743	0.700	0.693	0.715	0.746	0.760	0.733	0.654
8291	82.90	0.526	0.360	0.174	-0.018	-0.212	-0.409	-0.615	-0.830	-1.043	-1.230
8301	83.00	-1.367	-1.431	-1.420	-1.356	-1.268	-1.200	-1.177	-1.200	-1.253	-1.310
8311	83.10	-1.356	-1.398	-1.469	-1.604	-1.821	-2.100	-2.380	-2.574	-2.608	-2.452
8321	83.20	-2.138	-1.754	-1.405	-1.178	-1.102	-1.163	-1.222	-1.255	-1.190	-1.025
8331	83.30	-0.803	-0.580	-0.397	-0.258	-0.131	0.021	0.220	0.449	0.658	0.789
8341	83.40	0.810	0.732	0.613	0.528	0.540	0.664	0.865	1.075	1.224	1.276
8351	83.50	1.238	1.157	1.088	1.066	1.089	1.127	1.160	1.108	1.044	0.991
8361	83.60	1.003	1.112	1.313	1.560	1.787	1.932	1.968	1.903	1.781	1.652
8371	83.70	1.554	1.497	1.470	1.448	1.410	1.353	1.287	1.229	1.192	1.174
8381	83.80	1.163	1.142	1.093	1.009	0.894	0.757	0.611	0.475	0.368	0.313
8391	83.90	0.332	0.432	0.598	0.784	0.918	0.922	0.735	0.347	-0.198	-0.800
8401	84.00	-1.339	-1.713	-1.872	-1.836	-1.683	-1.515	-1.424	-1.452	-1.587	-1.771
8411	84.10	-1.935	-2.026	-2.030	-1.971	-1.895	-1.847	-1.847	-1.887	-1.938	-1.967
8421	84.20	-1.954	-1.901	-1.827	-1.757	-1.707	-1.675	-1.642	-1.586	-1.492	-1.358
8431	84.30	-1.203	-1.051	-0.924	-0.830	-0.756	-0.679	-0.570	-0.413	-0.206	0.033
8441	84.40	0.271	0.474	0.612	0.675	0.665	0.607	0.532	0.476	0.463	0.516
8451	84.50	0.629	0.793	0.978	1.156	1.300	1.398	1.455	1.486	1.515	1.563
8461	84.60	1.636	1.725	1.805	1.852	1.849	1.799	1.730	1.681	1.689	1.770
8471	84.70	1.905	2.045	2.123	2.084	1.913	1.640	1.342	1.111	1.017	1.075
8481	84.80	1.240	1.415	1.495	1.413	1.167	0.823	0.491	0.273	0.214	0.284
8491	84.90	0.388	0.408	0.257	-0.078	-0.529	-0.980	-1.312	-1.461	-1.439	-1.325

Table 7—7—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1154 501-GR-1-127 HA. (HA.) FUTTU CAPE MAX. ACC. = -95.087 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	-1.225	-1.217	-1.319	-1.479	-1.612	-1.639	-1.527	-1.309	-1.056	-0.845
8511	85.10	-0.716	-0.656	-0.613	-0.525	-0.369	-0.170	-0.001	0.059	-0.035	-0.264
8521	85.20	-0.543	-0.760	-0.820	-0.688	-0.407	-0.080	0.175	0.270	0.183	-0.044
8531	85.30	-0.326	-0.575	-0.735	-0.796	-0.786	-0.751	-0.727	-0.724	-0.732	-0.725
8541	85.40	-0.686	-0.602	-0.487	-0.352	-0.207	-0.054	0.116	0.306	0.512	0.714
8551	85.50	0.884	0.991	1.015	0.954	0.824	0.654	0.478	0.327	0.221	0.169
8561	85.60	0.164	0.191	0.224	0.234	0.194	0.090	-0.079	-0.296	-0.523	-0.728
8571	85.70	-0.878	-0.954	-0.955	-0.892	-0.784	-0.651	-0.508	-0.371	-0.251	-0.159
8581	85.80	-0.102	-0.077	-0.067	-0.048	0.009	0.115	0.261	0.409	0.503	0.493
8591	85.90	0.356	0.109	-0.187	-0.448	-0.595	-0.585	-0.427	-0.182	0.062	0.220
8601	86.00	0.239	0.117	-0.101	-0.340	-0.524	-0.604	-0.569	-0.453	-0.313	-0.216
8611	86.10	-0.207	-0.301	-0.473	-0.674	-0.841	-0.928	-0.916	-0.824	-0.701	-0.605
8621	86.20	-0.584	-0.653	-0.790	-0.946	-1.063	-1.098	-1.036	-0.899	-0.725	-0.557
8631	86.30	-0.422	-0.321	-0.242	-0.162	-0.068	0.044	0.163	0.283	0.400	0.520
8641	86.40	0.652	0.796	0.937	1.052	1.120	1.137	1.129	1.144	1.229	1.413
8651	86.50	1.679	1.967	2.197	2.298	2.241	2.050	1.796	1.564	1.414	1.358
8661	86.60	1.356	1.339	1.240	1.025	0.710	0.346	0.002	-0.270	-0.443	-0.526
8671	86.70	-0.543	-0.519	-0.471	-0.401	-0.307	-0.196	-0.086	-0.006	0.017	-0.028
8681	86.80	-0.135	-0.281	-0.436	-0.574	-0.682	-0.757	-0.799	-0.801	-0.746	-0.613
8691	86.90	-0.392	-0.088	0.263	0.604	0.870	1.009	0.998	0.848	0.602	0.316
8701	87.00	0.044	-0.182	-0.351	-0.475	-0.572	-0.656	-0.730	-0.789	-0.821	-0.823
8711	87.10	-0.801	-0.775	-0.765	-0.781	-0.819	-0.859	-0.874	-0.847	-0.780	-0.696
8721	87.20	-0.630	-0.609	-0.640	-0.705	-0.773	-0.815	-0.824	-0.821	-0.845	-0.926
8731	87.30	-1.064	-1.222	-1.334	-1.338	-1.209	-0.978	-0.724	-0.540	-0.495	-0.603
8741	87.40	-0.817	-1.057	-1.247	-1.351	-1.382	-1.382	-1.390	-1.411	-1.412	-1.347
8751	87.50	-1.188	-0.955	-0.709	-0.527	-0.447	-0.446	-0.435	-0.303	0.019	0.518
8761	87.60	1.090	1.584	1.874	1.919	1.783	1.604	1.524	1.619	1.868	2.174
8771	87.70	2.426	2.560	2.589	2.582	2.610	2.691	2.775	2.781	2.660	2.452
8781	87.80	2.283	2.312	2.629	3.192	3.810	4.233	4.280	3.949	3.449	3.105
8791	87.90	3.193	3.770	4.591	5.188	5.059	3.914	1.840	-0.691	-2.988	-4.416

Table 7—8—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-9.702	-5.641	-1.610	0.537	-0.075	-3.058	-6.942	-9.828	-10.208	-7.595
11	0.10	-2.701	-2.817	7.298	9.173	8.032	4.430	-0.319	-4.617	-7.098	-7.020
21	0.20	-4.443	-0.181	4.656	8.041	9.469	8.267	4.852	0.339	-3.786	-6.217
31	0.30	-6.336	-4.477	-1.795	0.215	0.371	-1.661	-5.218	-8.932	-11.358	-11.622
41	0.40	-9.783	-6.731	-3.681	-1.528	-0.414	0.280	1.497	3.869	7.235	10.579
51	0.50	12.461	11.721	8.105	2.474	-3.519	-8.137	-10.300	-9.984	-8.094	-5.893
61	0.60	-4.289	-3.379	-2.473	-0.585	2.878	7.625	12.446	15.702	16.077	13.240
71	0.70	8.056	2.247	-2.342	-4.528	-4.243	-2.458	-0.643	-0.035	-1.073	-3.262
81	0.80	-5.490	-6.817	-6.044	-3.976	-1.296	0.862	1.624	0.724	-1.429	-3.969
91	0.90	-5.929	-6.572	-5.586	-3.110	0.350	4.056	7.168	8.883	8.608	6.149
101	1.00	1.876	-3.251	-7.863	-10.584	-10.527	-7.687	-3.032	1.798	5.105	5.819
111	1.10	3.957	0.634	-2.411	-3.571	-2.086	1.600	6.023	9.329	10.080	7.869
121	1.20	3.476	-1.489	-5.263	-6.742	-5.698	-2.937	0.241	2.617	3.528	3.023
131	1.30	1.662	0.131	-1.137	-2.107	-3.042	-4.221	-5.666	-7.066	-7.794	-7.395
141	1.40	-5.666	-2.894	0.241	2.913	4.446	4.507	3.171	0.809	-2.052	-4.866
151	1.50	-7.022	-8.061	-7.532	-5.232	-1.378	3.259	7.409	9.628	8.122	4.797
161	1.60	-1.450	-7.883	-12.055	-12.038	-7.263	1.078	10.319	17.243	19.310	15.700
171	1.70	7.725	-1.614	-8.771	-11.066	-7.780	-0.471	7.668	13.026	13.249	8.066
181	1.80	-0.484	-8.892	-13.632	-12.624	-6.108	3.443	12.333	17.143	16.102	9.752
191	1.90	0.654	-7.718	-12.405	-12.102	-7.547	-1.036	4.676	7.573	7.144	4.434
201	2.00	1.380	-0.180	0.622	3.365	6.538	8.497	8.094	5.286	1.093	-2.920
211	2.10	-5.366	-5.623	-4.918	-1.573	0.540	1.540	1.323	0.395	-0.477	-0.693
221	2.20	-0.099	0.983	1.981	2.388	2.023	1.092	0.055	-0.617	-0.673	-0.184
231	2.30	0.508	0.956	0.809	-0.069	-1.450	-3.000	-4.207	-4.629	-4.027	-2.459
241	2.40	-0.308	1.784	3.085	3.013	1.370	-1.518	-4.832	-7.494	-8.526	-7.428
251	2.50	-4.397	-0.306	3.585	6.061	6.383	4.531	1.187	-2.537	-5.493	-6.863
261	2.60	-6.383	-4.351	-1.475	1.382	3.454	4.265	3.742	2.217	0.345	-1.081
271	2.70	-1.386	-0.283	1.945	4.440	6.018	5.603	2.722	-2.169	-7.702	-12.012
281	2.80	-13.430	-11.182	-5.791	1.032	6.996	10.107	9.460	5.584	0.204	-4.490
291	2.90	-6.759	-5.998	-2.922	0.828	3.445	3.749	1.655	-1.856	-5.232	-7.031
301	3.00	-6.509	-3.857	-0.028	3.727	6.365	7.405	6.982	5.658	4.107	2.837
311	3.10	2.067	1.756	1.730	1.811	1.881	1.876	1.748	1.445	0.933	0.241
321	3.20	-0.509	-1.121	-1.407	-1.279	-0.807	-0.196	0.310	0.554	0.544	0.441
331	3.30	0.454	0.701	1.110	1.435	1.371	0.736	-0.391	-1.656	-2.558	-2.677
341	3.40	-1.883	-0.443	1.059	1.958	1.787	0.499	-1.490	-3.449	-4.613	-4.675
351	3.50	-2.971	-0.486	2.316	4.739	6.297	6.828	5.675	5.569	4.361	3.102
361	3.60	1.809	0.433	-1.064	-2.627	-4.086	-5.227	-5.855	-5.901	-5.443	-4.666
371	3.70	-3.787	-2.970	-2.275	-1.668	-1.063	-0.398	0.324	1.027	1.594	1.921
381	3.80	1.960	1.733	1.312	0.777	0.177	-0.480	-1.215	-2.034	-2.890	-3.663
391	3.90	-4.179	-4.269	-3.833	-2.894	-1.615	-0.255	0.900	1.635	1.872	1.688
401	4.00	1.271	0.861	0.561	0.474	0.509	0.534	0.435	0.184	-0.150	-0.445
411	4.10	-0.606	-0.631	-0.621	-0.727	-1.039	-1.500	-1.885	-1.877	-1.226	0.093
421	4.20	1.809	3.414	4.358	4.287	3.219	1.560	-0.070	-1.111	-1.327	-0.914
431	4.30	-0.394	-0.344	-1.082	-2.483	-4.022	-5.026	-5.021	-3.977	-2.333	-0.765
441	4.40	0.181	0.390	0.245	0.397	1.352	3.087	4.926	5.781	4.681	1.343
451	4.50	-3.503	-8.251	-10.994	-10.322	-5.984	0.900	8.203	13.595	15.453	13.479
461	4.60	8.772	3.313	-0.875	-2.542	-1.636	0.815	3.263	4.376	3.596	1.299
471	4.70	-1.486	-3.613	-4.347	-3.638	-2.052	-0.419	0.580	0.701	0.173	-0.514
481	4.80	-0.904	-0.819	-0.418	-0.059	-0.075	-0.570	-1.366	-2.088	-2.386	-2.093
491	4.90	-1.319	-0.384	0.348	0.636	0.467	0.036	-0.365	-0.492	-0.244	0.314

Table 7—8—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.020	1.699	2.242	2.615	2.826	2.871	2.710	2.292	1.611	0.763
511	5.10	-0.049	-0.577	-0.643	-0.243	0.404	0.915	0.891	0.093	-1.421	-3.285
521	5.20	-4.939	-5.857	-5.662	-4.460	-2.630	-0.768	0.556	1.000	0.575	-0.408
531	5.30	-1.474	-2.185	-2.293	-1.800	-0.911	0.083	0.930	1.693	1.763	1.813
541	5.40	1.732	1.585	1.402	1.195	0.973	0.747	0.500	0.175	-0.328	-1.104
551	5.50	-2.176	-3.833	-4.618	-5.384	-5.412	-4.537	-2.830	-0.592	1.735	3.709
561	5.60	5.027	5.583	5.455	4.822	3.868	2.718	1.438	0.083	-1.251	-2.404
571	5.70	-3.183	-3.433	-3.113	-2.323	-1.279	-0.231	0.631	1.238	1.650	1.998
581	5.80	2.406	2.923	3.498	4.008	4.307	4.294	3.942	3.305	2.498	1.661
591	5.90	0.932	0.420	0.189	0.232	0.466	0.729	0.816	0.539	-0.199	-1.334
601	6.00	-2.630	-3.719	-4.208	-3.814	-2.474	-0.406	1.933	3.963	5.155	5.203
611	6.10	4.133	2.317	0.372	-1.038	-1.421	-0.653	0.957	2.738	3.882	3.742
621	6.20	2.093	-0.739	-3.957	-6.556	-7.692	-7.000	-4.762	-1.707	1.096	2.817
631	6.30	3.100	2.165	0.683	-0.549	-0.957	-0.619	0.715	1.811	2.257	1.727
641	6.40	0.313	-1.538	-3.228	-4.262	-4.430	-3.867	-2.969	-2.225	-2.023	-2.517
651	6.50	-3.570	-4.799	-5.694	-5.782	-4.801	-2.819	-0.262	2.192	3.825	4.159
661	6.60	3.171	1.356	-0.437	-1.341	-0.870	0.820	2.933	4.352	4.133	1.987
671	6.70	-1.515	-5.115	-7.380	-7.328	-4.886	-0.944	3.016	5.572	5.980	4.467
681	6.80	2.065	0.064	-0.628	0.074	1.438	2.334	1.872	-0.079	-2.748	-4.783
691	6.90	-4.881	-2.429	2.154	7.533	11.980	14.054	13.145	9.648	4.720	-0.231
701	7.00	-4.088	-6.360	-7.203	-7.180	-6.901	-6.738	-6.729	-6.656	-6.240	-5.308
711	7.10	-3.869	-2.084	-0.169	1.686	3.345	4.701	5.637	6.021	5.750	4.818
721	7.20	3.365	1.660	0.022	-1.291	-2.174	-2.681	-2.963	-3.158	-3.297	-3.285
731	7.30	-2.966	-2.227	-1.098	0.222	1.422	2.202	2.395	2.034	1.326	0.559
741	7.40	-0.024	-0.319	-0.381	-0.375	-0.482	-0.811	-1.368	-1.972	-2.510	-2.811
751	7.50	-2.797	-2.681	-1.944	-1.286	-0.585	0.136	0.894	1.735	2.678	3.675
761	7.60	4.612	5.306	5.565	5.344	4.814	3.888	1.209	-0.414	-1.650	-2.137
771	7.70	-2.625	-2.371	-1.876	-1.345	-0.910	-0.600	-0.364	-0.127	0.146	0.419
781	7.80	0.596	0.578	0.324	-0.102	-0.535	-0.764	-0.605	0.017	1.027	2.216
791	7.90	3.296	3.992	4.130	3.700	2.870	1.948	1.300	1.235	1.899	3.204
801	8.00	4.822	6.258	6.996	6.667	5.183	2.799	0.039	-2.460	-4.161	-4.805
811	8.10	-4.484	-3.584	-2.614	-2.008	-1.960	-2.384	-2.989	-3.442	-3.530	-3.254
821	8.20	-2.808	-2.469	-2.452	-2.801	-3.376	-3.932	-4.250	-4.244	-3.998	-3.705
831	8.30	-3.549	-3.587	-3.695	-3.618	-3.089	-1.972	-0.357	1.454	3.046	4.052
841	8.40	4.333	3.945	3.187	2.406	1.858	1.592	1.445	1.138	0.428	-0.754
851	8.50	-2.240	-3.667	-4.613	-4.756	-4.000	-2.506	-0.628	1.220	2.702	3.644
861	8.60	4.049	4.034	3.736	3.249	2.599	1.782	0.817	-0.214	-1.172	-1.913
871	8.70	-2.359	-2.539	-2.583	-2.649	-2.837	-3.116	-3.330	-3.264	-2.759	-1.812
881	8.80	-0.604	0.561	1.379	1.686	1.513	1.081	0.661	0.443	0.432	0.459
891	8.90	0.286	-0.232	-1.024	-1.785	-2.091	-1.591	-0.204	1.803	3.875	5.378
901	9.00	5.851	5.191	3.694	1.933	0.520	-0.132	0.053	0.828	1.771	2.488
911	9.10	2.779	2.681	2.404	2.187	2.166	2.312	2.472	2.473	2.226	1.784
921	9.20	1.304	0.958	0.831	0.873	0.922	0.797	0.398	-0.229	-0.905	-1.400
931	9.30	-1.546	-1.314	-0.830	-0.317	0.009	0.035	-0.205	-0.553	-0.804	-0.789
941	9.40	-0.439	0.209	1.039	1.913	2.707	3.328	3.694	3.723	3.336	2.485
951	9.50	1.201	-0.369	-1.973	-3.311	-4.136	-4.352	-4.062	-3.540	-3.127	-3.081
961	9.60	-3.454	-4.044	-4.459	-4.276	-3.230	-1.361	0.946	3.073	4.373	4.413
971	9.70	-3.168	0.950	-1.518	-3.548	-4.669	-4.721	-4.066	-3.237	-2.774	-2.959
981	9.80	-3.686	-4.501	-4.819	-4.197	-2.567	-0.300	1.905	3.295	3.364	2.054
991	9.90	-0.215	-2.712	-4.675	-5.598	-5.389	-4.355	-3.028	-1.918	-1.303	-1.148

Table 7—8—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.170	-1.006	-0.407	0.647	1.939	3.121	3.871	4.025	3.634	2.923
1011	10.10	2.191	1.690	1.546	1.741	2.156	2.638	3.074	3.418	3.690	3.935
1021	10.20	4.182	4.409	4.532	4.428	3.973	3.097	1.828	0.312	-1.207	-2.449
1031	10.30	-3.175	-3.281	-2.838	-2.077	-1.317	-0.838	-0.778	-1.078	-1.507	-1.773
1041	10.40	-1.665	-1.065	-0.165	0.792	1.532	1.889	1.864	1.606	1.321	1.166
1051	10.50	1.171	1.186	1.272	1.096	0.688	0.096	-0.578	-1.241	-1.828	-2.298
1061	10.60	-2.588	-2.592	-2.178	-1.272	0.052	1.512	2.647	3.065	2.443	0.888
1071	10.70	-1.137	-2.940	-3.862	-3.564	-2.182	-0.285	1.373	2.179	1.937	0.947
1081	10.80	-0.148	-0.668	-0.227	1.087	2.764	4.114	4.598	4.083	2.885	1.609
1091	10.90	0.850	0.912	1.675	2.671	3.316	3.187	2.209	0.661	-0.968	-2.215
1101	11.00	-2.830	-2.866	-2.503	-2.084	-1.759	-1.517	-1.207	-0.671	0.133	1.066
1111	11.10	1.853	2.207	1.965	1.171	0.054	-1.080	-1.985	-2.582	-2.969	-3.337
1121	11.20	-3.836	-4.459	-5.003	-5.137	-4.555	-3.135	-1.044	1.287	3.292	4.473
1131	11.30	4.595	3.769	2.409	1.057	0.151	-0.159	-0.077	-0.059	-0.598	-1.963
1141	11.40	-4.032	-6.277	-7.934	-8.292	-6.982	-4.156	-0.456	3.207	5.976	7.364
1151	11.50	7.401	6.584	5.627	5.147	5.400	6.190	6.988	7.192	6.421	4.701
1161	11.60	2.469	0.394	-0.909	-1.129	-0.385	0.845	1.926	2.337	1.857	0.622
1171	11.70	-0.982	-2.514	-3.671	-4.390	-4.819	-5.193	-5.675	-6.267	-6.807	-7.070
1181	11.80	-6.899	-6.290	-5.394	-4.420	-3.512	-2.650	-1.656	-0.304	1.528	3.727
1191	11.90	5.916	7.557	8.149	7.425	5.477	2.734	-0.185	-2.680	-4.357	-5.104
1201	12.00	-5.057	-4.473	-3.600	-2.588	-1.496	-0.361	0.728	1.592	1.997	1.747
1211	12.10	0.784	-0.757	-2.566	-4.245	-5.426	-5.875	-5.544	-4.567	-3.196	-1.732
1221	12.20	-0.445	0.489	1.026	1.268	1.436	1.803	2.587	3.836	5.363	6.758
1231	12.30	7.507	7.184	5.636	3.092	0.118	-2.568	-4.356	-4.961	-4.506	-3.435
1241	12.40	-2.294	-1.488	-1.134	-1.068	-1.000	-0.715	-0.222	0.241	0.331	-0.206
1251	12.50	-1.391	-2.988	-4.622	-5.959	-6.848	-7.359	-7.672	-7.917	-8.046	-7.820
1261	12.60	-6.942	-5.246	-2.854	-0.187	2.184	3.788	4.471	4.486	4.381	4.749
1271	12.70	5.948	7.924	10.222	12.168	13.142	12.826	11.313	9.065	6.747	5.018
1281	12.80	4.366	5.006	6.861	9.583	12.614	15.262	16.827	16.764	14.851	11.313
1291	12.90	6.810	2.286	-1.327	-3.420	-3.924	-3.329	-2.481	-2.235	-3.102	-5.056
1301	13.00	-7.568	-9.853	-11.227	-11.388	-10.522	-9.189	-8.039	-7.522	-7.704	-8.279
1311	13.10	-8.747	-8.675	-7.902	-6.599	-5.167	-4.031	-3.432	-3.321	-3.402	-3.288
1321	13.20	-2.701	-1.611	-0.254	0.975	1.700	1.730	1.134	0.199	-0.705	-1.282
1331	13.30	-1.421	-1.207	-0.836	-0.489	-0.226	0.046	0.507	1.315	2.496	3.909
1341	13.40	5.299	6.404	7.077	7.337	7.330	7.225	7.089	6.837	6.268	5.188
1351	13.50	3.548	1.530	-0.494	-2.096	-2.972	-3.065	-2.576	-1.848	-1.193	-0.752
1361	13.60	-0.469	-0.197	0.137	0.395	0.233	-0.754	-2.793	-5.732	-8.994	-11.741
1371	13.70	-13.179	-12.883	-10.990	-8.146	-5.253	-3.108	-2.106	-2.137	-2.706	-3.203
1381	13.80	-3.190	-2.540	-1.525	-0.449	0.356	0.775	0.905	0.965	1.160	1.596
1391	13.90	2.266	3.117	4.112	5.256	6.549	7.913	9.147	9.989	10.132	9.565
1401	14.00	8.451	7.182	6.201	5.795	5.945	6.316	6.397	5.725	4.089	1.609
1411	14.10	-1.320	-4.194	-6.578	-8.195	-8.929	-8.743	-7.627	-5.604	-2.809	0.415
1421	14.20	3.513	5.843	6.908	6.592	5.266	3.672	2.610	2.559	3.424	4.547
1431	14.30	5.001	4.048	1.533	-1.978	-5.417	-7.683	-8.156	-7.000	-5.095	-3.637
1441	14.40	-3.569	-5.132	-7.740	-10.256	-11.419	-10.581	-7.823	-4.012	-0.412	1.836
1451	14.50	2.141	0.637	-1.937	-4.585	-6.429	-6.986	-6.239	-4.539	-2.406	-0.332
1461	14.60	1.325	2.402	2.898	2.944	2.751	2.549	2.516	2.696	2.948	2.967
1471	14.70	2.394	0.984	-1.240	-3.925	-6.472	-8.251	-8.843	-8.214	-6.717	-4.931
1481	14.80	-3.403	-2.420	-1.932	-1.644	-1.225	-0.507	0.440	1.400	2.219	2.993
1491	14.90	4.117	6.121	9.375	13.792	18.703	22.999	25.505	25.438	22.746	18.161

Table 7—8—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	12.984	8.420	5.513	4.462	4.833	5.795	6.510	6.447	5.516	3.962
1511	15.10	-2.140	0.290	-1.563	-3.549	-5.785	-8.215	-10.562	-12.409	-13.395	-13.388
1521	15.20	-12.564	-11.335	-10.167	-9.372	-8.989	-8.809	-8.512	-7.862	-6.842	-5.655
1531	15.30	-4.621	-3.990	-3.806	-3.876	-3.866	-3.480	-2.525	-1.476	-0.408	0.182
1541	15.40	0.069	-0.676	-1.702	-2.527	-2.751	-2.227	-1.126	0.154	1.175	1.663
1551	15.50	1.635	1.387	1.353	1.907	3.197	5.076	7.176	9.056	10.376	11.005
1561	15.60	11.030	10.672	10.165	9.662	9.213	8.799	8.406	8.064	7.830	7.717
1571	15.70	7.616	7.257	6.266	4.282	1.134	-3.064	-7.889	-12.721	-16.926	-20.043
1581	15.80	-21.899	-22.599	-22.417	-21.637	-20.417	-18.753	-16.541	-13.700	-10.307	-6.655
1591	15.90	-3.208	-0.476	1.163	1.599	1.042	-0.031	-1.028	-1.420	-0.906	0.516
1601	16.00	2.572	4.828	6.852	8.358	9.283	9.757	10.002	10.189	10.323	10.227
1611	16.10	9.629	8.321	6.333	4.007	1.945	0.812	1.073	2.772	5.455	8.303
1621	16.20	10.405	11.105	10.249	8.246	5.905	4.117	3.518	4.263	6.065	8.070
1631	16.30	9.739	10.522	10.304	9.318	7.983	6.694	5.650	4.790	3.859	2.537
1641	16.40	0.589	-2.025	-5.131	-8.381	-11.351	-13.656	-15.051	-15.497	-15.175	-14.431
1651	16.50	-13.672	-13.218	-13.178	-13.393	-13.477	-12.981	-11.593	-9.327	-6.569	-3.975
1661	16.60	-2.224	-1.729	-2.439	-3.820	-5.049	-5.347	-4.303	-2.056	0.759	3.267
1671	16.70	4.719	6.782	8.659	9.967	10.459	10.288	10.074	9.906	9.823	9.652
1681	16.80	4.366	5.001	5.572	6.295	7.229	8.212	8.933	9.082	8.518	7.343
1691	16.90	5.866	4.472	3.460	2.946	2.858	3.025	3.293	3.612	4.026	4.594
1701	17.00	5.284	5.905	6.138	5.649	4.237	1.944	-0.944	-4.008	-6.865	-9.319
1711	17.10	-11.411	-13.341	-15.288	-17.244	-18.926	-19.860	-19.495	-17.636	-14.409	-10.396
1721	17.20	-6.102	-3.211	-1.233	-0.408	-0.228	0.032	0.994	2.927	5.648	8.630
1731	17.30	11.249	13.054	13.938	14.147	14.116	14.235	14.646	15.166	15.360	14.729
1741	17.40	12.919	9.866	5.829	1.298	-3.153	-7.015	-9.946	-11.804	-12.630	-12.607
1751	17.50	-12.024	-11.235	-10.613	-10.476	-10.999	-12.136	-13.589	-14.867	-15.416	-14.801
1761	17.60	-12.866	-9.798	-6.099	-2.411	0.684	2.843	4.051	4.583	4.862	5.283
1771	17.70	6.068	7.201	8.477	9.810	10.363	10.641	10.507	10.129	9.689	9.296
1781	17.80	8.951	8.560	7.999	7.184	6.126	4.931	3.772	2.824	2.207	1.962
1791	17.90	2.045	2.353	2.762	3.157	3.447	3.582	3.551	3.388	3.163	2.968
1801	18.00	2.876	2.901	2.971	2.934	2.613	1.892	0.787	-0.516	-1.732	-2.548
1811	18.10	-2.875	-2.845	-2.858	-3.423	-4.935	-7.457	-10.614	-13.676	-15.797	-16.341
1821	18.20	-15.134	-12.541	-9.313	-6.282	-4.012	-2.595	-1.665	-0.629	0.991	3.286
1831	18.30	5.865	8.060	9.132	8.831	7.379	5.514	4.177	4.115	5.560	8.122
1841	18.40	10.947	13.066	13.785	12.954	11.001	8.734	6.999	6.345	6.811	7.926
1851	18.50	8.893	8.884	7.326	4.089	-0.471	-5.624	-10.469	-14.180	-16.202	-16.378
1861	18.60	-14.954	-12.687	-9.677	-7.175	-5.621	-4.560	-4.457	-4.796	-5.217	-5.460
1871	18.70	-5.621	-5.591	-4.780	-4.422	-4.112	-3.791	-3.384	-2.768	-2.034	-1.302
1881	18.80	-0.766	-0.595	-0.862	-1.507	-2.365	-3.235	-3.953	-4.440	-4.699	-4.772
1891	18.90	-4.680	-4.395	-3.844	-2.958	-1.732	-0.267	1.246	2.584	3.582	4.198
1901	19.00	4.536	4.799	5.195	5.862	6.713	7.659	8.484	9.056	9.367	9.554
1911	19.10	9.791	10.175	10.611	10.793	10.296	8.757	6.064	2.473	-1.426	-4.888
1921	19.20	-7.285	-8.331	-8.188	-7.388	-6.573	-6.261	-6.606	-7.395	-8.197	-8.616
1931	19.30	-8.517	-8.094	-7.765	-7.924	-8.694	-9.795	-10.624	-10.498	-8.958	-5.986
1941	19.40	-2.026	2.199	5.987	8.931	11.036	12.636	14.140	15.793	17.492	18.823
1951	19.50	19.241	18.330	16.001	12.532	8.464	4.391	0.756	-2.252	-4.669	-6.646
1961	19.60	-8.308	-9.679	-10.681	-11.205	-11.198	-10.700	-9.837	-8.762	-7.601	-6.425
1971	19.70	-5.276	-4.209	-3.323	-2.749	-2.604	-2.925	-3.629	-4.523	-5.356	-5.887
1981	19.80	-5.946	-5.648	-4.386	-2.803	-0.788	1.514	3.888	6.060	7.755	8.792
1991	19.90	9.165	9.076	8.875	8.920	9.425	10.353	11.433	12.286	12.609	12.326

Table 7—8—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	11.622	10.860	10.283	10.035	9.886	9.422	8.234	6.144	3.336	0.306
2011	20.10	-2.346	-4.192	-5.188	-5.701	-6.344	-7.684	-9.959	-12.948	-16.040	-18.693
2021	20.20	-19.750	-19.667	-18.566	-17.071	-15.867	-15.515	-15.507	-16.094	-16.566	-16.452
2031	20.30	-15.517	-13.798	-11.533	-9.007	-6.409	-3.770	-0.999	2.007	5.257	8.405
2041	20.40	11.783	14.499	16.550	17.893	18.650	19.030	19.226	19.324	19.268	18.892
2051	20.50	18.004	16.476	14.301	11.611	8.634	5.634	2.847	0.450	-1.458	-2.838
2061	20.60	-3.701	-4.098	-4.125	-3.929	-3.713	-3.710	-4.150	-5.202	-6.920	-9.206
2071	20.70	-11.806	-14.339	-16.376	-17.533	-17.569	-16.664	-14.426	-11.854	-9.215	-6.910
2081	20.80	-5.145	-2.892	-1.273	-1.479	0.364	2.883	5.909	9.002	11.598	13.194
2091	20.90	13.529	12.676	11.013	9.091	7.456	6.688	6.309	6.794	7.652	8.541
2101	21.00	9.176	9.387	9.133	8.482	7.568	6.545	5.538	4.603	3.694	2.661
2111	21.10	1.300	-0.565	-2.973	-5.749	-8.498	-10.707	-11.910	-11.882	-10.750	-8.976
2121	21.20	-7.190	-5.936	-5.448	-5.542	-5.694	-5.278	-3.853	-1.378	1.751	4.851
2131	21.30	7.231	8.472	8.572	7.917	7.077	6.556	6.592	7.103	7.791	8.326
2141	21.40	8.518	8.081	7.803	7.617	7.432	7.058	6.345	5.311	4.186	
2151	21.50	3.332	3.074	3.517	4.442	5.363	5.592	4.678	2.402	1.036	-5.110
2161	21.60	-9.152	-12.579	-15.069	-16.616	-17.460	-17.927	-18.266	-18.543	-18.643	-18.366
2171	21.70	-17.568	-16.274	-14.703	-13.200	-12.077	-11.459	-11.188	-10.855	-9.952	-8.859
2181	21.80	-5.198	-1.615	1.993	4.860	6.405	6.477	5.434	4.028	3.121	3.354
2191	21.90	4.900	7.397	10.106	12.206	13.122	12.731	11.383	9.722	8.403	7.826
2201	22.00	8.000	8.583	9.074	9.069	8.343	7.109	5.718	4.584	3.980	3.932
2211	22.10	4.227	4.522	4.496	3.976	2.985	1.705	0.382	-0.780	-1.691	-2.383
2221	22.20	-2.963	-3.541	-4.157	-4.759	-5.222	-5.412	-5.246	-4.755	-4.027	-3.426
2231	22.30	-3.015	-2.985	-3.357	-4.031	-4.833	-5.583	-6.160	-6.523	-6.701	-6.734
2241	22.40	-6.628	-6.328	-5.743	-4.805	-3.533	-2.069	-0.652	0.462	1.097	1.232
2251	22.50	1.013	0.686	0.499	0.593	0.957	1.452	1.896	2.161	2.237	2.222
2261	22.60	2.261	2.453	2.801	3.207	3.535	3.696	3.702	3.660	3.711	3.941
2271	22.70	4.314	4.686	4.867	4.730	4.278	3.646	3.022	2.535	2.154	1.689
2281	22.80	0.873	-0.487	-2.376	-4.524	-6.496	-7.840	-8.309	-7.962	-7.161	-6.416
2291	22.90	-6.170	-6.613	-7.599	-8.725	-9.504	-9.580	-8.859	-7.531	-5.955	-4.487
2301	23.00	-3.328	-2.462	-1.700	-0.804	0.380	1.838	3.401	4.823	5.899	6.547
2311	23.10	6.830	6.911	6.971	7.129	7.404	7.733	8.013	8.161	8.144	7.980
2321	23.20	7.713	7.381	7.003	6.579	6.114	5.640	5.220	4.933	4.846	4.972
2331	23.30	5.256	5.568	5.734	5.575	4.957	3.834	2.270	0.433	-1.443	-3.107
2341	23.40	-4.365	-5.134	-5.466	-5.537	-5.586	-5.835	-6.418	-7.333	-8.456	-9.593
2351	23.50	-10.555	-11.221	-11.569	-11.649	-11.538	-11.285	-10.884	-10.290	-9.459	-8.393
2361	23.60	-7.165	-5.897	-4.704	-3.646	-2.688	-1.723	-0.829	0.661	2.107	3.568
2371	23.70	4.855	5.816	6.408	6.723	6.948	7.292	7.889	8.747	9.739	10.666
2381	23.80	11.322	11.576	11.393	10.824	9.962	8.893	7.672	6.329	4.900	3.458
2391	23.90	2.117	1.020	0.287	-0.024	0.044	0.356	0.716	0.918	0.799	0.281
2401	24.00	-0.620	-1.799	-3.090	-4.303	-5.266	-5.857	-6.032	-5.835	-5.381	-4.830
2411	24.10	-4.332	-3.984	-3.797	-3.700	-3.570	-3.288	-2.789	-2.099	-1.328	-0.634
2421	24.20	-0.158	0.026	-0.060	-0.302	-0.560	-0.629	-0.484	-0.110	0.411	0.956
2431	24.30	1.406	1.688	1.790	1.752	1.642	1.524	1.438	1.397	1.389	1.398
2441	24.40	1.411	1.426	1.448	1.478	1.514	1.544	1.558	1.556	1.544	1.536
2451	24.50	1.542	1.559	1.571	1.559	1.521	1.479	1.486	1.600	1.864	2.272
2461	24.60	2.763	3.239	3.607	3.819	3.899	3.924	3.981	4.098	4.203	4.127
2471	24.70	3.663	2.656	1.094	-0.856	-2.889	-4.670	-5.959	-6.713	-7.088	-7.368
2481	24.80	-7.814	-8.538	-9.428	-10.190	-10.475	-10.042	-8.874	-7.202	-5.412	-3.889
2491	24.90	-2.863	-2.329	-2.075	-1.805	-1.287	-0.457	0.558	1.527	2.234	2.593

Table 7—8—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.683	2.700	2.869	3.241	3.839	4.484	4.981	5.199	5.124	4.853
2511	25.10	4.525	4.239	4.002	3.736	3.339	2.754	2.017	1.242	0.561	0.041
2521	25.20	-0.350	-0.738	-1.267	-2.012	-2.923	-3.836	-4.542	-4.886	-4.839	-4.510
2531	25.30	-4.080	-3.716	-3.485	-3.366	-3.194	-2.956	-2.654	-2.422	-2.433	-2.797
2541	25.40	-3.472	-4.251	-4.836	-4.976	-4.590	-3.814	-2.945	-2.295	-2.038	-2.119
2551	25.50	-2.279	-2.194	-1.642	-0.632	0.587	1.638	2.199	2.162	1.690	1.135
2561	25.60	0.864	1.070	1.669	2.334	2.645	2.693	2.227	0.308	-1.875	-3.023
2571	25.70	-3.469	-3.192	-2.406	-1.447	-0.616	-0.072	0.198	0.328	0.476	0.740
2581	25.80	1.129	1.579	2.015	2.391	2.717	3.035	3.385	3.778	4.193	4.598
2591	25.90	4.979	5.354	5.761	6.230	6.753	7.281	7.740	8.072	8.265	8.360
2601	26.00	8.430	8.535	8.685	8.827	8.866	8.695	8.252	7.523	6.537	5.345
2611	26.10	3.996	2.536	1.024	-0.454	-1.777	-2.826	-3.532	-3.926	-4.156	-4.449
2621	26.20	-5.031	-6.035	-7.400	-9.067	-10.648	-11.927	-12.752	-13.121	-13.150	-13.004
2631	26.30	-12.802	-12.564	-12.218	-11.649	-10.771	-9.589	-8.198	-6.746	-5.376	-4.172
2641	26.40	-3.141	-2.242	-1.425	-0.675	-0.018	0.494	0.826	0.983	1.018	1.011
2651	26.50	1.034	1.122	1.270	1.450	1.635	1.823	2.034	2.297	2.617	2.972
2661	26.60	3.308	3.572	3.736	3.811	3.858	3.952	4.161	4.527	5.059	5.738
2671	26.70	6.533	7.396	8.261	9.036	9.612	9.886	9.808	9.408	8.805	8.177
2681	26.80	7.685	7.411	7.304	7.198	6.879	6.185	5.089	3.732	2.378	1.306
2691	26.90	0.701	0.569	0.732	0.906	0.811	0.291	-0.633	-1.775	-2.871	-3.683
2701	27.00	-4.090	-4.123	-3.932	-3.714	-3.627	-3.737	-4.000	-4.294	-4.476	-4.438
2711	27.10	-4.141	-3.624	-2.980	-2.322	-1.745	-1.303	-1.002	-0.803	-0.649	-0.683
2721	27.20	-0.270	-0.005	0.291	0.583	0.844	1.066	1.265	1.470	1.710	1.992
2731	27.30	2.301	2.606	2.873	3.084	3.241	3.361	3.452	3.500	3.459	3.266
2741	27.40	2.873	2.272	1.519	0.721	0.001	-0.544	-0.884	-1.068	-1.201	-1.400
2751	27.50	-1.744	-2.241	-2.827	-3.395	-3.837	-4.089	-4.147	-4.061	-3.902	-3.733
2761	27.60	-3.582	-3.442	-3.293	-3.121	-2.938	-2.785	-2.712	-2.752	-2.902	-3.118
2771	27.70	-3.331	-3.483	-3.549	-3.556	-3.574	-3.682	-3.936	-4.335	-4.818	-5.283
2781	27.80	-5.629	-5.800	-5.803	-5.708	-5.613	-5.598	-5.683	-5.820	-5.909	-5.844
2791	27.90	-5.560	-5.060	-4.411	-3.709	-3.032	-2.403	-1.783	-1.104	-0.314	0.579
2801	28.00	1.492	2.295	2.869	3.162	3.223	3.191	3.234	3.478	3.948	4.547
2811	28.10	5.096	5.408	5.363	4.965	4.336	3.662	3.131	2.845	2.796	2.879
2821	28.20	2.942	2.851	2.545	2.053	1.472	0.927	0.521	0.302	0.255	0.320
2831	28.30	0.425	0.515	0.568	0.600	0.655	0.731	0.869	1.040	1.204	1.317
2841	28.40	1.350	1.297	1.178	1.023	0.858	0.686	0.493	0.252	-0.056	-0.425
2851	28.50	-0.818	-1.184	-1.478	-1.686	-1.830	-1.963	-2.138	-2.383	-2.684	-2.991
2861	28.60	-3.249	-3.425	-3.528	-3.605	-3.709	-3.860	-4.023	-4.117	-4.052	-3.780
2871	28.70	-3.327	-2.793	-2.297	-1.918	-1.638	-1.335	-0.829	0.033	1.290	2.831
2881	28.80	4.424	5.803	6.775	7.296	7.482	7.547	7.695	8.027	8.497	8.940
2891	28.90	9.159	9.018	8.502	7.719	6.833	5.989	5.267	4.575	3.890	3.126
2901	29.00	2.295	1.489	0.843	0.466	0.377	0.493	0.654	0.705	0.562	0.252
2911	29.10	-0.107	-0.363	-0.412	-0.247	0.035	0.275	0.330	0.130	-0.287	-0.796
2921	29.20	-1.242	-1.500	-1.531	-1.380	-1.153	-0.968	-0.903	-0.981	-1.168	-1.410
2931	29.30	-1.660	-1.903	-2.153	-2.434	-2.748	-3.062	-3.307	-3.402	-3.290	-2.966
2941	29.40	-2.489	-1.965	-1.510	-1.209	-1.087	-1.111	-1.205	-1.295	-1.338	-1.335
2951	29.50	-1.324	-1.368	-1.427	-1.544	-1.658	-1.731	-1.765	-1.811	-1.963	-2.312
2961	29.60	-2.900	-3.677	-4.505	-5.192	-5.556	-5.489	-4.994	-4.185	-3.243	-2.351
2971	29.70	-1.641	-1.156	-0.858	-0.657	-0.455	-0.181	0.191	0.669	1.153	1.657
2981	29.80	2.121	2.518	2.832	3.063	3.224	3.339	3.439	3.551	3.680	3.812
2991	29.90	3.914	3.948	3.900	3.789	3.669	3.608	3.651	3.793	3.960	4.023

Table 7—8—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.506 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.835	3.279	2.317	1.003	-0.524	-2.076	-3.464	-4.543	-5.233	-5.523
3011	30.10	-5.455	-5.099	-4.536	-3.836	-3.056	-2.262	-1.427	-0.638	0.099	0.761
3021	30.20	1.327	1.782	2.120	2.359	2.536	2.706	2.927	3.237	3.635	4.070
3031	30.30	4.458	4.706	4.750	4.585	4.271	3.912	3.612	3.431	3.358	3.320
3041	30.40	3.219	2.986	2.628	2.232	1.930	1.861	1.954	2.303	2.579	2.601
3051	30.50	2.206	1.864	0.206	-1.018	-2.035	-2.669	-2.822	-2.683	-2.470	-2.628
3061	30.60	-2.704	-3.285	-4.003	-4.605	-4.855	-4.624	-3.943	-2.985	-2.003	-1.247
3071	30.70	-0.883	-0.954	-1.387	-2.026	-2.691	-3.226	-3.532	-3.583	-3.413	-3.099
3081	30.80	-2.735	-2.407	-2.174	-2.058	-2.046	-2.106	-2.199	-2.300	-2.405	-2.520
3091	30.90	-2.651	-2.794	-2.923	-3.010	-3.038	-3.018	-2.993	-3.019	-3.136	-3.340
3101	31.00	-3.578	-3.770	-3.866	-3.784	-3.641	-3.518	-3.514	-3.667	-3.914	-4.101
3111	31.10	-4.035	-3.571	-2.673	-1.443	-0.086	1.171	2.161	2.833	3.251	3.539
3121	31.20	3.808	4.098	4.364	4.513	4.473	4.245	3.921	3.658	3.606	3.845
3131	31.30	4.347	4.987	5.596	6.023	6.185	6.077	5.758	5.302	4.770	4.195
3141	31.40	3.588	2.965	2.357	1.812	1.370	1.043	0.802	0.583	0.312	-0.055
3151	31.50	-0.518	-1.024	-1.497	-1.865	-2.095	-2.205	-2.251	-2.307	-2.429	-2.635
3161	31.60	-2.898	-3.163	-3.364	-3.451	-3.406	-3.247	-3.023	-2.793	-2.608	-2.495
3171	31.70	-2.448	-2.438	-2.423	-2.372	-2.278	-2.160	-2.051	-1.976	-1.934	-1.890
3181	31.80	-1.792	-1.598	-1.335	-0.959	-0.643	-0.432	-0.252	-0.350	-0.303	-0.065
3191	31.90	0.465	1.293	2.312	3.344	4.214	4.827	5.209	5.491	5.837	6.356
3201	32.00	7.033	7.721	8.194	8.246	7.780	6.856	5.668	4.465	3.458	2.745
3211	32.10	2.294	1.985	1.672	1.256	0.709	0.061	-0.637	-1.350	-2.078	-2.834
3221	32.20	-3.610	-4.347	-4.943	-5.279	-5.277	-4.938	-4.350	-3.664	-3.030	-2.546
3231	32.30	-2.226	-2.010	-1.808	-1.564	-1.196	-0.797	-0.409	-0.089	0.134	0.247
3241	32.40	0.329	0.328	0.246	0.049	-0.291	-0.859	-1.284	-1.748	-2.023	-2.013
3251	32.50	-1.695	-1.121	-0.404	0.329	0.979	1.496	1.683	2.176	2.409	2.593
3261	32.60	2.709	2.717	2.579	2.278	1.831	1.288	0.714	0.181	-0.256	-0.554
3271	32.70	-0.707	-0.723	-0.629	-0.460	-0.258	-0.059	0.108	0.227	0.299	0.336
3281	32.80	0.359	0.393	0.456	0.558	0.697	0.858	1.022	1.166	1.279	1.361
3291	32.90	1.425	1.492	1.573	1.659	1.713	1.679	1.499	1.136	0.595	-0.073
3301	33.00	-0.784	-1.450	-2.010	-2.450	-2.800	-3.110	-3.419	-3.730	-4.012	-4.214
3311	33.10	-4.303	-4.290	-4.230	-4.200	-4.254	-4.388	-4.529	-4.554	-4.350	-3.866
3321	33.20	-3.143	-2.308	-1.524	-0.921	-0.542	-0.330	-0.159	0.109	0.552	1.160
3331	33.30	1.839	2.458	2.908	3.147	3.208	3.170	3.120	3.109	3.137	3.168
3341	33.40	3.160	3.096	2.990	2.880	2.803	2.767	2.750	2.707	2.598	2.402
3351	33.50	2.131	1.814	1.487	1.176	0.901	0.690	0.587	0.652	0.944	1.483
3361	33.60	2.226	3.058	3.821	4.366	4.614	4.586	4.396	4.199	4.122	4.200
3371	33.70	4.362	4.464	4.358	3.965	3.317	2.544	1.821	1.287	0.986	0.858
3381	33.80	0.779	0.583	0.218	-0.517	-0.940	-1.548	-2.073	-2.516	-2.944	-3.445
3391	33.90	-4.074	-4.818	-5.592	-6.272	-6.751	-6.982	-6.993	-6.868	-6.696	-6.534
3401	34.00	-6.380	-6.163	-5.881	-5.440	-4.879	-4.264	-3.677	-3.176	-2.765	-2.394
3411	34.10	-1.982	-1.464	-0.824	-0.107	0.588	1.149	1.493	1.592	1.483	1.266
3421	34.20	0.972	0.734	0.565	0.458	0.381	0.301	0.196	0.066	-0.071	-0.194
3431	34.30	-0.286	-0.367	-0.390	-0.432	-0.486	-0.556	-0.632	-0.701	-0.751	-0.783
3441	34.40	-0.807	-0.843	-0.904	-0.992	-1.094	-1.188	-1.251	-1.279	-1.286	-1.302
3451	34.50	-1.355	-1.456	-1.586	-1.704	-1.765	-1.748	-1.675	-1.616	-1.661	-1.885
3461	34.60	-2.308	-2.874	-3.466	-3.940	-4.175	-4.117	-3.789	-3.277	-2.689	-2.114
3471	34.70	-1.598	-1.141	-0.715	-0.288	0.162	0.647	1.181	1.791	2.507	3.347
3481	34.80	4.288	5.255	6.127	6.778	7.121	7.150	6.944	6.633	6.347	6.163
3491	34.90	6.076	6.017	5.899	5.664	5.319	4.921	4.543	4.224	3.943	3.625

Table 7—8—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.506 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.584	1.838	1.032	0.259	-0.427	-1.043	-1.669	-2.387	-3.214
3511	35.10	-4.056	-4.717	-4.966	-4.638	-3.718	-2.371	-0.897	0.371	1.186	1.461
3521	35.20	1.289	0.883	0.475	0.224	0.168	0.233	0.293	0.238	0.027	-0.303
3531	35.30	-0.669	-0.988	-1.218	-1.373	-1.497	-1.635	-1.803	-1.975	-2.103	-2.139
3541	35.40	-2.067	-1.906	-1.701	-1.495	-1.303	-1.103	-0.850	-0.497	-0.030	0.515
3551	35.50	1.064	1.521	1.814	1.919	1.873	1.758	1.674	1.692	1.835	2.071
3561	35.60	2.329	2.532	2.634	2.628	2.568	2.439	2.332	2.223	2.075	1.863
3571	35.70	1.505	1.087	0.670	0.365	0.274	0.446	0.855	1.403	1.949	2.362
3581	35.80	2.551	2.493	2.223	1.816	1.356	0.903	0.502	0.182	-0.066	-0.248
3591	35.90	-0.387	-0.511	-0.656	-0.847	-1.090	-1.363	-1.620	-1.816	-1.930	-1.988
3601	36.00	-2.061	-2.244	-2.617	-3.208	-3.973	-4.811	-5.594	-6.213	-6.611	-6.792
3611	36.10	-6.799	-6.686	-6.483	-6.188	-5.769	-5.187	-4.619	-3.963	-2.341	-1.087
3621	36.20	0.251	1.617	2.933	4.096	4.995	5.544	5.705	5.528	5.141	4.709
3631	36.30	4.378	4.220	4.209	4.236	4.170	3.920	3.480	2.925	2.375	1.929
3641	36.40	1.617	1.391	1.158	0.834	0.398	-0.099	-0.562	-0.917	-1.153	-1.345
3651	36.50	-1.611	-2.066	-2.654	-3.320	-3.845	-4.026	-3.752	-3.057	-2.121	-1.194
3661	36.60	-0.498	-0.133	-0.050	-0.083	-0.042	0.192	0.615	1.100	1.462	1.553
3671	36.70	1.323	0.850	0.298	-0.156	-0.389	-0.377	-0.188	0.063	0.267	0.367
3681	36.80	0.361	0.290	0.201	0.122	0.049	-0.042	-0.184	-0.400	-0.704	-1.095
3691	36.90	-1.567	-2.105	-2.676	-3.225	-3.681	-3.969	-4.041	-3.893	-3.572	-3.156
3701	37.00	-2.720	-2.308	-1.915	-1.506	-1.050	-0.556	-0.088	0.254	0.362	0.274
3711	37.10	-0.001	-0.291	-0.420	-0.256	0.230	0.958	1.770	2.502	3.046	3.389
3721	37.20	3.594	3.750	3.920	4.103	4.243	4.275	4.171	3.972	3.773	3.680
3731	37.30	3.753	3.966	4.213	4.351	4.260	3.894	3.292	2.554	1.788	1.066
3741	37.40	0.405	-0.224	-0.858	-1.512	-2.169	-2.789	-3.337	-3.605	-4.215	-4.601
3751	37.50	-4.981	-5.335	-5.609	-5.736	-5.670	-5.402	-4.961	-4.392	-3.725	-2.963
3761	37.60	-2.088	-1.089	0.002	1.108	2.117	2.933	3.517	3.912	4.226	4.581
3771	37.70	5.049	5.617	6.183	6.602	6.751	6.587	6.158	5.587	5.010	4.528
3781	37.80	4.177	3.934	3.751	3.594	3.452	3.329	3.268	3.068	2.801	2.327
3791	37.90	1.600	0.651	-0.403	-1.396	-2.174	-2.652	-2.850	-2.874	-2.867	-2.948
3801	38.00	-3.164	-3.481	-3.815	-4.079	-4.231	-4.290	-4.330	-4.442	-4.696	-5.116
3811	38.10	-5.671	-6.294	-6.899	-7.405	-7.740	-7.865	-7.764	-7.452	-6.980	-6.424
3821	38.20	-5.874	-5.405	-5.057	-4.822	-4.648	-4.463	-4.205	-3.843	-3.385	-2.869
3831	38.30	-2.332	-1.798	-1.267	-0.727	-0.173	0.377	0.885	1.308	1.623	1.866
3841	38.40	2.031	2.243	2.527	2.881	3.251	3.552	3.713	3.714	3.598	3.455
3851	38.50	3.383	3.437	3.599	3.791	3.906	3.861	3.639	3.295	2.933	2.653
3861	38.60	2.507	2.479	2.494	2.466	2.352	2.096	1.812	1.554	1.375	1.281
3871	38.70	1.222	1.130	0.954	0.694	0.400	0.143	-0.031	-0.136	-0.255	-0.499
3881	38.80	-0.957	-1.630	-2.415	-3.128	-3.568	-3.600	-3.214	-2.530	-1.757	-1.112
3891	38.90	-0.738	-0.656	-0.775	-0.941	-1.010	-0.905	-0.635	-0.272	0.094	0.407
3901	39.00	0.663	0.901	1.166	1.675	1.803	2.097	2.309	2.430	2.499	2.588
3911	39.10	2.760	3.031	3.349	3.612	3.711	3.680	3.232	2.755	2.282	1.932
3921	39.20	1.769	1.779	1.886	1.998	2.042	1.999	1.897	1.790	1.724	1.713
3931	39.30	1.739	1.765	1.757	1.707	1.630	1.553	1.498	1.468	1.446	1.410
3941	39.40	1.348	1.265	1.186	1.137	1.129	1.146	1.151	1.100	0.964	0.746
3951	39.50	0.478	0.207	-0.028	-0.212	-0.364	-0.523	-0.728	-0.996	-1.311	-1.629
3961	39.60	-1.893	-2.056	-2.102	-2.069	-1.942	-1.836	-1.775	-1.779	-1.842	-1.933
3971	39.70	-2.018	-2.067	-2.066	-2.020	-1.947	-1.871	-1.811	-1.776	-1.763	-1.758
3981	39.80	-1.748	-1.722	-1.680	-1.630	-1.587	-1.559	-1.551	-1.551	-1.545	-1.519
3991	39.90	-1.466	-1.394	-1.320	-1.263	-1.235	-1.230	-1.231	-1.213	-1.160	-1.073

Table 7—8—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.976	-0.901	-0.879	-0.914	-0.980	-1.021	-0.969	-0.772	-0.413	0.075
4011	40.10	0.623	1.143	1.557	1.826	1.955	1.985	1.976	1.982	2.023	2.090
4021	40.20	2.139	2.119	1.987	1.726	1.350	0.902	0.436	0.004	-0.357	-0.637
4031	40.30	-0.851	-1.028	-1.204	-1.405	-1.638	-1.890	-2.131	-2.328	-2.459	-2.520
4041	40.40	-2.530	-2.522	-2.532	-2.580	-2.662	-2.752	-2.807	-2.792	-2.686	-2.496
4051	40.50	-2.251	-1.987	-1.734	-1.507	-1.300	-1.097	-0.883	-0.652	-0.413	-0.181
4061	40.60	0.033	0.226	0.406	0.585	0.769	0.952	1.114	1.236	1.302	1.318
4071	40.70	1.307	1.300	1.328	1.403	1.520	1.661	1.807	1.945	2.074	2.200
4081	40.80	2.320	2.417	2.462	2.420	2.272	2.022	1.705	1.371	1.072	0.839
4091	40.90	0.673	0.554	0.445	0.319	0.164	-0.012	-0.193	-0.363	-0.512	-0.632
4101	41.00	-0.714	-0.739	-0.681	-0.515	-0.236	0.132	0.542	0.933	1.256	1.494
4111	41.10	1.671	1.835	2.034	2.295	2.600	2.900	3.131	3.242	3.219	3.088
4121	41.20	2.898	2.702	2.533	2.390	2.267	2.063	1.809	1.473	1.062	0.691
4131	41.30	0.118	-0.358	-0.802	-1.191	-1.508	-1.744	-1.905	-2.015	-2.114	-2.240
4141	41.40	-2.418	-2.639	-2.865	-3.035	-3.096	-3.017	-2.813	-2.532	-2.243	-2.006
4151	41.50	-1.855	-1.785	-1.764	-1.751	-1.716	-1.652	-1.576	-1.514	-1.492	-1.518
4161	41.60	-1.582	-1.659	-1.721	-1.749	-1.741	-1.711	-1.684	-1.686	-1.734	-1.827
4171	41.70	-1.968	-2.062	-2.136	-2.137	-2.063	-1.928	-1.764	-1.603	-1.463	-1.331
4181	41.80	-1.170	-0.931	-0.577	-0.103	0.455	1.027	1.560	1.939	2.210	2.379
4191	41.90	2.494	2.596	2.698	2.774	2.778	2.663	2.416	2.063	1.669	1.314
4201	42.00	1.060	0.939	0.961	1.030	1.160	1.291	1.393	1.447	1.433	1.332
4211	42.10	1.129	0.831	0.469	0.103	-0.194	-0.363	-0.381	-0.267	-0.078	0.112
4221	42.20	0.245	0.297	0.279	0.229	0.189	0.185	0.221	0.280	0.338	0.379
4231	42.30	0.396	0.393	0.378	0.355	0.321	0.275	0.217	0.158	0.109	0.079
4241	42.40	0.067	0.060	0.043	0.004	-0.052	-0.108	-0.136	-0.120	-0.062	0.013
4251	42.50	0.063	0.050	-0.047	-0.220	-0.436	-0.649	-0.817	-0.908	-0.909	-0.815
4261	42.60	-0.622	-0.324	0.081	0.586	1.163	1.762	2.324	2.797	3.155	3.405
4271	42.70	3.581	3.728	3.878	4.033	4.172	4.261	4.275	4.218	4.121	4.031
4281	42.80	3.982	3.972	3.956	3.858	3.597	3.127	2.453	1.640	0.789	0.002
4291	42.90	-0.654	-1.166	-1.577	-1.959	-2.385	-2.903	-3.514	-4.182	-4.847	-5.442
4301	43.00	-5.910	-6.214	-6.331	-6.259	-6.017	-5.669	-5.222	-4.821	-4.522	-4.371
4311	43.10	-4.357	-4.315	-4.441	-4.336	-4.050	-3.610	-3.114	-2.692	-2.446	-2.397
4321	43.20	-2.467	-2.501	-2.331	-1.849	-1.056	-0.073	0.912	1.715	2.231	2.471
4331	43.30	2.546	2.607	2.771	3.066	3.422	3.710	3.809	3.664	3.317	2.883
4341	43.40	2.501	2.270	2.212	2.270	2.345	2.349	2.260	2.043	1.820	1.661
4351	43.50	1.541	1.510	1.499	1.454	1.343	1.171	0.977	0.805	0.687	0.620
4361	43.60	0.576	0.519	0.420	0.276	0.109	-0.053	-0.186	-0.287	-0.372	-0.465
4371	43.70	-0.585	-0.734	-0.899	-1.058	-1.195	-1.306	-1.396	-1.489	-1.601	-1.736
4381	43.80	-1.890	-2.047	-2.193	-2.319	-2.426	-2.522	-2.621	-2.734	-2.869	-3.026
4391	43.90	-3.197	-3.369	-3.519	-3.619	-3.642	-3.571	-3.401	-3.154	-2.868	-2.589
4401	44.00	-2.355	-2.181	-2.044	-1.888	-1.639	-1.229	-0.620	0.174	1.090	2.024
4411	44.10	2.857	3.489	3.864	3.979	3.888	3.677	3.442	3.261	3.178	3.193
4421	44.20	3.277	3.381	3.461	3.491	3.467	3.403	3.325	3.256	3.209	3.185
4431	44.30	3.175	3.166	3.146	3.111	3.064	3.012	2.967	2.933	2.910	2.887
4441	44.40	2.847	2.768	2.636	2.460	2.196	1.929	1.672	1.452	1.276	1.127
4451	44.50	0.960	0.722	0.370	-0.109	-0.689	-1.307	-1.886	-2.361	-2.699	-2.917
4461	44.60	-3.068	-3.225	-3.450	-3.774	-4.187	-4.645	-5.088	-5.460	-5.728	-5.884
4471	44.70	-5.945	-5.934	-5.875	-5.778	-5.639	-5.447	-5.190	-4.866	-4.484	-4.067
4481	44.80	-3.647	-3.253	-2.910	-2.623	-2.380	-2.153	-1.912	-1.631	-1.306	-0.950
4491	44.90	-0.593	-0.266	0.015	0.256	0.484	0.738	1.049	1.426	1.850	2.283

Table 7—8—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.684	3.025	3.302	3.531	3.738	3.937	4.124	4.275	4.363	4.376
4511	45.10	4.325	4.246	4.184	4.168	4.195	4.223	4.186	4.020	3.692	3.210
4521	45.20	2.629	2.070	1.453	0.962	0.543	0.160	-0.232	-0.665	-1.140	-1.626
4531	45.30	-2.073	-2.428	-2.656	-2.746	-2.714	-2.595	-2.428	-2.250	-2.086	-1.949
4541	45.40	-1.840	-1.752	-1.673	-1.592	-1.498	-1.386	-1.258	-1.122	-0.987	-0.862
4551	45.50	-0.750	-0.647	-0.548	-0.446	-0.336	-0.222	-0.104	0.011	0.124	0.235
4561	45.60	0.368	0.464	0.580	0.693	0.800	0.902	1.004	1.114	1.238	1.375
4571	45.70	1.515	1.643	1.740	1.796	1.809	1.786	1.741	1.684	1.623	1.562
4581	45.80	1.509	1.477	1.488	1.566	1.726	1.964	2.245	2.510	2.691	2.726
4591	45.90	2.580	2.259	1.802	1.272	0.733	0.237	-0.191	-0.567	-0.865	-1.099
4601	46.00	-1.316	-1.495	-1.629	-1.710	-1.742	-1.736	-1.712	-1.691	-1.690	-1.712
4611	46.10	-1.749	-1.784	-1.797	-1.770	-1.695	-1.575	-1.420	-1.246	-1.069	-0.903
4621	46.20	-0.757	-0.637	-0.547	-0.486	-0.450	-0.431	-0.413	-0.373	-0.289	-0.142
4631	46.30	0.075	0.354	0.669	0.988	1.282	1.534	1.745	1.930	2.114	2.311
4641	46.40	2.523	2.729	2.899	3.005	3.033	2.992	2.913	2.833	2.784	2.777
4651	46.50	2.799	2.818	2.795	2.701	2.525	2.275	1.975	1.651	1.325	1.005
4661	46.60	0.691	0.378	0.058	-0.274	-0.621	-0.985	-1.370	-1.777	-2.204	-2.641
4671	46.70	-3.073	-3.484	-3.863	-4.207	-4.527	-4.843	-5.168	-5.505	-5.835	-6.121
4681	46.80	-6.313	-6.371	-6.274	-6.030	-5.672	-5.246	-4.798	-4.346	-3.899	-3.439
4691	46.90	-2.949	-2.424	-1.881	-1.357	-0.893	-0.521	-0.245	-0.035	0.159	0.397
4701	47.00	0.718	1.127	1.592	2.055	2.453	2.742	2.908	2.973	2.982	2.985
4711	47.10	3.015	3.076	3.147	3.180	3.124	2.935	2.590	2.097	1.496	0.853
4721	47.20	0.248	-0.241	-0.559	-0.691	-0.669	-0.567	-0.476	-0.480	-0.618	-0.875
4731	47.30	-1.183	-1.451	-1.595	-1.573	-1.400	-1.138	-0.865	-0.642	-0.487	-0.375
4741	47.40	-0.256	-0.087	0.144	0.403	0.650	0.759	0.756	0.626	0.426	0.228
4751	47.50	0.097	0.072	0.158	0.329	0.550	0.784	1.002	1.179	1.290	1.316
4761	47.60	1.245	1.092	0.903	0.750	0.705	0.816	1.083	1.450	1.829	2.137
4771	47.70	2.328	2.421	2.479	2.584	2.790	3.089	3.410	3.666	3.701	3.530
4781	47.80	3.166	2.698	2.239	1.877	1.643	1.504	1.390	1.224	0.964	0.610
4791	47.90	0.197	-0.230	-0.640	-1.024	-1.395	-1.759	-2.108	-2.408	-2.618	-2.708
4801	48.00	-2.688	-2.608	-2.544	-2.570	-2.719	-2.967	-3.238	-3.431	-3.460	-3.290
4811	48.10	-2.950	-2.521	-2.103	-1.774	-1.569	-1.464	-1.399	-1.301	-1.117	-0.832
4821	48.20	-0.471	-0.081	0.288	0.600	0.845	1.034	1.187	1.321	1.442	1.544
4831	48.30	1.617	1.653	1.658	1.646	1.637	1.644	1.665	1.682	1.663	1.577
4841	48.40	1.407	1.157	0.861	0.566	0.321	0.155	0.065	0.012	-0.064	-0.223
4851	48.50	-0.501	-0.889	-1.336	-1.759	-2.075	-2.226	-2.203	-2.046	-1.828	-1.625
4861	48.60	-1.488	-1.422	-1.392	-1.339	-1.211	-0.987	-0.687	-0.366	-0.092	0.082
4871	48.70	0.137	0.091	0.009	-0.111	-0.179	-0.203	-0.196	-0.185	-0.195	-0.236
4881	48.80	-0.302	-0.379	-0.450	-0.508	-0.557	-0.606	-0.664	-0.730	-0.797	-0.854
4891	48.90	-0.886	-0.885	-0.849	-0.772	-0.649	-0.467	-0.213	0.119	0.518	0.954
4901	49.00	1.380	1.742	2.000	2.137	2.169	2.133	2.080	2.048	2.057	2.098
4911	49.10	2.144	2.159	2.119	2.018	1.870	1.699	1.522	1.360	1.134	0.870
4921	49.20	0.516	0.065	-0.457	-0.987	-1.442	-1.739	-1.830	-1.710	-1.427	-1.064
4931	49.30	-0.714	-0.652	-0.514	-0.291	-0.338	-0.401	-0.430	-0.402	-0.323	-0.217
4941	49.40	-0.115	-0.039	0.006	0.028	0.048	0.080	0.133	0.201	0.269	0.321
4951	49.50	0.348	0.350	0.340	0.339	0.362	0.418	0.492	0.571	0.608	0.582
4961	49.60	0.484	0.336	0.185	0.090	0.103	0.246	0.500	0.813	1.119	1.362
4971	49.70	1.524	1.625	1.718	1.854	2.063	2.329	2.600	2.811	2.914	2.906
4981	49.80	2.824	2.734	2.689	2.707	2.753	2.757	2.666	2.384	1.990	1.535
4991	49.90	1.108	0.776	0.552	0.387	0.196	-0.097	-0.527	-1.060	-1.611	-2.079

Table 7—8—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.392	-2.542	-2.583	-2.608	-2.703	-2.911	-3.213	-3.539	-3.804	-3.946
5011	50.10	-3.953	-3.868	-3.757	-3.685	-3.674	-3.699	-3.698	-3.605	-3.384	-3.049
5021	50.20	-2.665	-2.316	-2.076	-1.973	-1.976	-2.013	-1.999	-1.876	-1.650	-1.345
5031	50.30	-1.080	-0.928	-0.930	-1.060	-1.231	-1.330	-1.259	-0.980	-0.530	-0.011
5041	50.40	0.449	0.745	0.834	0.751	0.589	0.461	0.454	0.593	0.836	1.091
5051	50.50	1.257	1.263	1.092	0.785	0.417	0.068	-0.205	-0.386	-0.489	-0.544
5061	50.60	-0.574	-0.584	-0.559	-0.480	-0.338	-0.147	0.056	0.228	0.335	0.369
5071	50.70	0.356	0.343	0.377	0.487	0.666	0.877	1.067	1.182	1.198	1.118
5081	50.80	0.978	0.825	0.705	0.646	0.655	0.717	0.811	0.911	0.996	1.054
5091	50.90	1.074	1.054	1.000	0.922	0.838	0.768	0.726	0.715	0.724	0.749
5101	51.00	0.748	0.750	0.760	0.799	0.883	1.008	1.148	1.262	1.313	1.289
5111	51.10	1.211	1.124	1.074	1.083	1.128	1.150	1.079	0.871	0.535	0.137
5121	51.20	-0.220	-0.441	-0.485	-0.377	-0.201	-0.059	-0.027	-0.116	-0.278	-0.428
5131	51.30	-0.491	-0.437	-0.289	-0.106	0.057	0.175	0.271	0.396	0.593	0.870
5141	51.40	1.189	1.486	1.696	1.806	1.867	1.887	1.990	2.173	2.397	2.575
5151	51.50	2.715	2.670	2.462	2.175	1.915	1.764	1.036	0.978	0.895	0.700
5161	51.60	0.362	-0.079	-0.531	-0.891	-1.090	-1.125	-1.054	-0.961	-0.922	-0.965
5171	51.70	-1.070	-1.182	-1.245	-1.233	-1.159	-1.065	-0.999	-0.986	-1.018	-1.054
5181	51.80	-1.044	-0.969	-0.758	-0.496	-0.210	0.048	0.235	0.326	0.319	0.223
5191	51.90	0.056	-0.161	-0.408	-0.662	-0.903	-1.109	-1.272	-1.394	-1.496	-1.606
5201	52.00	-1.751	-1.946	-2.179	-2.415	-2.601	-2.686	-2.641	-2.469	-2.213	-1.937
5211	52.10	-1.713	-1.588	-1.575	-1.665	-1.747	-1.828	-1.857	-1.835	-1.791	-1.762
5221	52.20	-1.768	-1.793	-1.787	-1.685	-1.434	-1.024	-0.499	0.053	0.526	0.840
5231	52.30	0.960	0.914	0.774	0.625	0.534	0.524	0.577	0.645	0.679	0.650
5241	52.40	0.564	0.449	0.346	0.283	0.265	0.272	0.269	0.227	0.130	-0.013
5251	52.50	-0.175	-0.323	-0.429	-0.486	-0.491	-0.467	-0.428	-0.381	-0.323	-0.243
5261	52.60	-0.130	0.018	0.190	0.364	0.513	0.619	0.673	0.683	0.665	0.633
5271	52.70	0.598	0.557	0.508	0.452	0.403	0.390	0.443	0.581	0.795	1.041
5281	52.80	1.250	1.353	1.304	1.103	0.802	0.490	0.261	0.180	0.267	0.489
5291	52.90	0.776	1.055	1.269	1.399	1.454	1.463	1.455	1.446	1.438	1.428
5301	53.00	1.414	1.403	1.405	1.425	1.456	1.478	1.462	1.389	1.261	1.101
5311	53.10	0.947	0.836	0.786	0.785	0.804	0.802	0.754	0.658	0.534	0.416
5321	53.20	0.330	0.280	0.253	0.223	0.169	0.090	0.002	-0.064	-0.084	-0.055
5331	53.30	0.004	0.057	0.071	0.033	-0.043	-0.122	-0.161	-0.135	-0.044	0.085
5341	53.40	0.215	0.314	0.375	0.414	0.458	0.531	0.633	0.736	0.797	0.779
5351	53.50	0.670	0.496	0.305	0.165	0.117	0.162	0.252	0.314	0.270	0.073
5361	53.60	-0.277	-0.728	-1.201	-1.620	-1.934	-2.137	-2.260	-2.353	-2.461	-2.604
5371	53.70	-2.771	-2.932	-3.050	-3.103	-3.088	-3.024	-2.935	-2.837	-2.731	-2.602
5381	53.80	-2.428	-2.197	-1.916	-1.611	-1.317	-1.067	-0.871	-0.718	-0.573	-0.397
5391	53.90	-0.163	0.150	0.454	0.762	1.091	1.137	1.162	1.100	0.994	0.890
5401	54.00	0.826	0.816	0.854	0.918	0.980	1.020	1.030	1.009	0.968	0.916
5411	54.10	0.861	0.806	0.755	0.709	0.670	0.638	0.612	0.589	0.564	0.534
5421	54.20	0.496	0.452	0.405	0.355	0.298	0.227	0.131	0.008	-0.135	-0.282
5431	54.30	-0.404	-0.476	-0.481	-0.416	-0.297	-0.150	-0.001	0.128	0.227	0.300
5441	54.40	0.357	0.409	0.467	0.537	0.623	0.728	0.852	0.992	1.136	1.262
5451	54.50	1.340	1.339	1.234	1.018	0.707	0.340	-0.032	-0.350	-0.568	-0.660
5461	54.60	-0.626	-0.491	-0.299	-0.102	0.057	0.153	0.188	0.186	0.183	0.217
5471	54.70	0.302	0.429	0.561	0.650	0.669	0.538	0.329	0.062	-0.208	-0.428
5481	54.80	-0.568	-0.625	-0.619	-0.580	-0.537	-0.506	-0.491	-0.490	-0.500	-0.519
5491	54.90	-0.548	-0.582	-0.609	-0.614	-0.583	-0.518	-0.435	-0.368	-0.351	-0.409

Table 7—8—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1155 S01-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.536	-0.703	-0.860	-0.957	-0.964	-0.875	-0.712	-0.510	-0.303	-0.108
5511	55.10	0.073	0.248	0.429	0.619	0.811	0.993	1.152	1.279	1.367	1.410
5521	55.20	1.396	1.309	1.136	0.875	0.539	0.162	-0.213	-0.545	-0.807	-0.995
5531	55.30	-1.124	-1.220	-1.306	-1.394	-1.482	-1.559	-1.614	-1.641	-1.646	-1.639
5541	55.40	-1.633	-1.641	-1.666	-1.706	-1.751	-1.788	-1.798	-1.763	-1.670	-1.512
5551	55.50	-1.296	-1.039	-0.769	-0.510	-0.281	-0.086	0.082	0.234	0.379	0.519
5561	55.60	0.648	0.761	0.858	0.952	1.062	1.203	1.374	1.553	1.703	1.788
5571	55.70	1.787	1.708	1.584	1.461	1.376	1.344	1.351	1.368	1.368	1.340
5581	55.80	1.295	1.256	1.241	1.247	1.251	1.219	1.123	0.965	0.770	0.583
5591	55.90	0.438	0.363	0.271	0.177	0.026	-0.187	-0.422	-0.613	-0.695	-0.646
5601	56.00	-0.499	-0.335	-0.250	-0.310	-0.517	-0.809	-1.083	-1.244	-1.244	-1.104
5611	56.10	-0.903	-0.732	-0.652	-0.664	-0.708	-0.693	-0.547	-0.248	0.157	0.574
5621	56.20	0.906	1.088	1.119	1.053	0.972	0.947	1.011	1.152	1.324	1.479
5631	56.30	1.590	1.657	1.699	1.735	1.766	1.767	1.713	1.588	1.403	1.199
5641	56.40	1.028	0.922	0.874	0.833	0.725	0.492	0.116	-0.358	-0.841	-1.238
5651	56.50	-1.488	-1.595	-1.622	-1.659	-1.779	-1.998	-2.269	-2.497	-2.589	-2.495
5661	56.60	-2.229	-1.864	-1.492	-1.186	-0.967	-0.806	-0.645	-0.432	-0.150	0.181
5671	56.70	0.519	0.827	1.100	1.362	1.654	2.002	2.399	2.803	3.153	3.401
5681	56.80	3.532	3.570	3.560	3.536	3.505	3.436	3.285	3.023	2.658	2.239
5691	56.90	1.836	1.503	1.252	1.038	0.791	0.445	-0.018	-0.553	-1.073	-1.481
5701	57.00	-1.723	-1.807	-1.803	-1.807	-1.895	-2.091	-2.360	-2.630	-2.831	-2.938
5711	57.10	-2.974	-3.006	-3.101	-3.295	-3.572	-3.870	-4.111	-4.234	-4.225	-4.117
5721	57.20	-3.980	-3.883	-3.873	-3.953	-4.090	-4.226	-4.301	-4.276	-4.137	-3.898
5731	57.30	-3.591	-3.257	-2.931	-2.638	-2.381	-2.148	-1.913	-1.669	-1.338	-0.983
5741	57.40	-0.607	-0.243	0.074	0.331	0.543	0.752	1.012	1.365	1.824	2.361
5751	57.50	2.916	3.418	3.804	4.044	4.166	4.143	4.083	4.004	3.926	3.849
5761	57.60	3.775	3.644	3.501	3.334	3.159	2.985	2.812	2.629	2.416	2.153
5771	57.70	1.837	1.482	1.124	0.810	0.585	0.475	0.481	0.568	0.686	0.773
5781	57.80	0.786	0.705	0.543	0.334	0.119	-0.072	-0.231	-0.368	-0.503	-0.453
5791	57.90	-0.816	-0.977	-1.112	-1.208	-1.272	-1.332	-1.421	-1.565	-1.761	-1.973
5801	58.00	-2.147	-2.235	-2.214	-2.104	-1.955	-1.827	-1.757	-1.740	-1.732	-1.666
5811	58.10	-1.486	-1.179	-0.778	-0.355	0.017	0.293	0.478	0.621	0.791	1.043
5821	58.20	1.389	1.794	2.196	2.532	2.770	2.922	3.031	3.142	3.278	3.420
5831	58.30	3.518	3.517	3.385	3.139	2.838	2.562	2.371	2.275	2.231	2.151
5841	58.40	1.948	1.573	1.039	0.419	-0.181	-0.663	-0.975	-1.125	-1.172	-1.199
5851	58.50	-1.280	-1.450	-1.707	-2.017	-2.333	-2.612	-2.825	-2.950	-2.970	-2.871
5861	58.60	-2.645	-2.308	-1.901	-1.492	-1.157	-0.956	-0.905	-0.967	-1.065	-1.108
5871	58.70	-1.031	-0.820	-0.514	-0.192	0.068	0.219	0.266	0.253	0.245	0.289
5881	58.80	0.397	0.539	0.669	0.748	0.770	0.762	0.774	0.849	1.001	1.203
5891	58.90	1.403	1.543	1.590	1.548	1.458	1.377	1.352	1.402	1.515	1.660
5901	59.00	1.798	1.906	1.971	1.992	1.960	1.858	1.658	1.361	0.907	0.389
5911	59.10	-0.153	-0.652	-1.056	-1.350	-1.557	-1.726	-1.902	-2.106	-2.322	-2.502
5921	59.20	-2.595	-2.572	-2.442	-2.254	-2.075	-1.961	-1.934	-1.971	-2.017	-2.014
5931	59.30	-1.924	-1.749	-1.525	-1.307	-1.136	-1.025	-0.956	-0.889	-0.790	-0.648
5941	59.40	-0.484	-0.337	-0.248	-0.230	-0.259	-0.283	-0.245	-0.109	0.119	0.383
5951	59.50	0.600	0.687	0.590	0.310	-0.102	-0.561	-0.972	-1.261	-1.391	-1.362
5961	59.60	-1.204	-0.961	-0.678	-0.390	-0.124	0.103	0.275	0.381	0.417	0.384
5971	59.70	0.296	0.175	0.042	-0.074	-0.157	-0.200	-0.209	-0.195	-0.172	-0.156
5981	59.80	-0.150	-0.153	-0.155	-0.140	-0.097	-0.021	0.081	0.190	0.286	0.348
5991	59.90	0.370	0.358	0.327	0.297	0.284	0.289	0.303	0.311	0.303	0.282

Table 7—8—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.260	0.260	0.299	0.383	0.499	0.626	0.762	0.834	0.908	0.980
6011	60.10	1.075	1.208	1.379	1.574	1.769	1.942	2.081	2.184	2.258	2.309
6021	60.20	2.338	2.338	2.304	2.235	2.142	2.042	1.955	1.894	1.854	1.818
6031	60.30	1.766	1.682	1.569	1.441	1.323	1.235	1.178	1.133	1.068	0.949
6041	60.40	0.757	0.495	0.186	-0.136	-0.434	-0.694	-0.914	-1.107	-1.291	-1.478
6051	60.50	-1.672	-1.864	-2.063	-2.196	-2.312	-2.387	-2.418	-2.405	-2.352	-2.265
6061	60.60	-2.156	-2.041	-1.937	-1.853	-1.789	-1.734	-1.670	-1.583	-1.465	-1.326
6071	60.70	-1.185	-1.066	-0.986	-0.947	-0.939	-0.942	-0.936	-0.913	-0.873	-0.828
6081	60.80	-0.789	-0.761	-0.740	-0.716	-0.687	-0.661	-0.660	-0.714	-0.840	-1.034
6091	60.90	-1.257	-1.448	-1.536	-1.475	-1.253	-0.911	-0.517	-0.149	0.140	0.343
6101	61.00	0.493	0.651	0.866	1.153	1.482	1.786	1.994	2.063	1.996	1.843
6111	61.10	1.676	1.556	1.510	1.515	1.520	1.468	1.330	1.119	0.882	0.677
6121	61.20	0.546	0.493	0.490	0.492	0.461	0.389	0.296	0.215	0.173	0.170
6131	61.30	0.177	0.155	0.075	-0.062	-0.221	-0.347	-0.393	-0.340	-0.210	-0.051
6141	61.40	0.086	0.170	0.209	0.240	0.311	0.454	0.667	0.914	1.138	1.286
6151	61.50	1.332	1.282	1.172	1.048	0.954	0.911	0.919	0.962	1.013	1.045
6161	61.60	1.039	0.987	0.893	0.776	0.663	0.582	0.552	0.573	0.621	0.662
6171	61.70	0.663	0.612	0.530	0.463	0.461	0.553	0.720	0.899	1.003	0.956
6181	61.80	0.733	0.375	-0.022	-0.369	-0.524	-0.532	-0.426	-0.306	-0.271	-0.380
6191	61.90	-0.632	-0.970	-1.313	-1.593	-1.776	-1.870	-1.907	-1.920	-1.930	-1.943
6201	62.00	-1.960	-1.991	-2.053	-2.166	-2.335	-2.535	-2.712	-2.802	-2.758	-2.566
6211	62.10	-2.256	-1.884	-1.508	-1.161	-0.846	-0.543	-0.236	0.066	0.328	0.505
6221	62.20	0.566	0.523	0.431	0.359	0.362	0.439	0.527	0.527	0.453	0.322
6231	62.30	-0.543	-1.080	-1.481	-1.633	-1.502	-1.144	-0.676	-0.217	0.146	0.399
6241	62.40	0.577	0.737	0.911	1.098	1.258	1.351	1.360	1.307	1.238	1.196
6251	62.50	1.166	1.172	1.087	0.879	0.544	0.148	-0.194	-0.356	-0.265	0.067
6261	62.60	0.539	0.998	1.293	1.349	1.173	0.857	0.530	0.302	0.221	0.264
6271	62.70	0.358	0.416	0.383	0.255	0.072	-0.101	-0.214	-0.245	-0.211	-0.148
6281	62.80	-0.093	-0.061	-0.042	-0.011	0.058	0.175	0.325	0.479	0.607	0.696
6291	62.90	0.753	0.813	0.912	1.067	1.260	1.439	1.532	1.472	1.235	0.856
6301	63.00	0.429	0.087	-0.046	0.097	0.496	1.035	1.537	1.814	1.735	1.272
6311	63.10	0.517	-0.350	-1.121	-1.631	-1.815	-1.722	-1.489	-1.279	-1.215	-1.329
6321	63.20	-1.560	-1.783	-1.870	-1.748	-1.425	-0.990	-0.567	-0.264	-0.126	-0.128
6331	63.30	-0.196	-0.235	-0.232	-0.167	-0.112	-0.139	-0.297	-0.576	-0.912	-1.208
6341	63.40	-1.383	-1.398	-1.275	-1.075	-0.874	-0.718	-0.610	-0.512	-0.372	-0.153
6351	63.50	0.139	0.462	0.751	0.950	1.039	1.041	1.009	1.001	1.050	1.151
6361	63.60	1.266	1.346	1.347	1.266	1.128	0.978	0.857	0.780	0.727	0.653
6371	63.70	0.500	0.227	-0.170	-0.660	-1.177	-1.662	-1.983	-2.160	-2.168	-2.042
6381	63.80	-1.847	-1.651	-1.513	-1.461	-1.484	-1.539	-1.564	-1.504	-1.327	-1.041
6391	63.90	-0.692	-0.343	-0.057	0.128	0.206	0.206	0.171	0.145	0.156	0.212
6401	64.00	0.309	0.439	0.600	0.791	1.010	1.240	1.452	1.602	1.656	1.605
6411	64.10	1.470	1.301	1.157	1.080	1.075	1.108	1.120	1.054	0.883	0.622
6421	64.20	0.322	0.045	-0.159	-0.277	-0.330	-0.362	-0.412	-0.499	-0.609	-0.709
6431	64.30	-0.766	-0.762	-0.703	-0.618	-0.539	-0.485	-0.460	-0.452	-0.444	-0.426
6441	64.40	-0.401	-0.379	-0.371	-0.380	-0.396	-0.408	-0.407	-0.396	-0.387	-0.391
6451	64.50	-0.414	-0.445	-0.465	-0.458	-0.422	-0.376	-0.350	-0.370	-0.435	-0.516
6461	64.60	-0.558	-0.507	-0.337	-0.065	0.254	0.544	0.747	0.865	0.861	0.849
6471	64.70	0.857	0.905	0.974	1.021	1.008	0.936	0.849	0.825	0.937	1.211
6481	64.80	1.613	2.046	2.389	2.542	2.463	2.181	1.777	1.353	0.988	0.720
6491	64.90	0.544	0.430	0.348	0.283	0.243	0.240	0.276	0.339	0.397	0.418

Table 7—8—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.382	0.294	0.173	0.049	-0.058	-0.144	-0.217	-0.291	-0.367	-0.436
6511	65.10	-0.477	-0.475	-0.428	-0.355	-0.288	-0.258	-0.275	-0.329	-0.386	-0.410
6521	65.20	-0.375	-0.277	-0.137	0.013	0.167	0.253	0.337	0.414	0.498	0.589
6531	65.30	0.675	0.737	0.765	0.764	0.754	0.763	0.809	0.888	0.973	1.020
6541	65.40	0.989	0.860	0.643	0.377	0.111	-0.111	-0.269	-0.371	-0.446	-0.524
6551	65.50	-0.626	-0.749	-0.871	-0.965	-1.013	-1.014	-0.987	-0.957	-0.941	-0.938
6561	65.60	-0.926	-0.873	-0.756	-0.574	-0.355	-0.147	0.002	0.067	0.057	0.011
6571	65.70	-0.020	0.005	0.092	0.214	0.321	0.366	0.331	0.231	0.111	0.017
6581	65.80	-0.032	-0.058	-0.119	-0.283	-0.592	-1.032	-1.532	-1.985	-2.287	-2.383
6591	65.90	-2.286	-2.075	-1.863	-1.745	-1.768	-1.912	-2.108	-2.275	-2.361	-2.362
6601	66.00	-2.326	-2.318	-2.390	-2.544	-2.729	-2.861	-2.860	-2.683	-2.346	-1.918
6611	66.10	-1.491	-1.144	-0.916	-0.793	-0.725	-0.652	-0.535	-0.367	-0.170	0.019
6621	66.20	0.174	0.295	0.401	0.524	0.682	0.871	1.007	1.234	1.350	1.418
6631	66.30	1.469	1.546	1.685	1.890	2.129	2.345	2.476	2.485	2.370	2.166
6641	66.40	1.927	1.707	1.534	1.411	1.318	1.232	1.135	1.028	0.916	0.807
6651	66.50	0.697	0.572	0.418	0.230	0.022	-0.178	-0.336	-0.436	-0.486	-0.522
6661	66.60	-0.589	-0.723	-0.932	-1.187	-1.438	-1.629	-1.723	-1.711	-1.609	-1.443
6671	66.70	-1.239	-1.010	-0.763	-0.509	-0.270	-0.082	0.021	0.021	-0.063	-0.181
6681	66.80	-0.267	-0.267	-0.165	0.016	0.215	0.383	0.496	0.574	0.676	0.869
6691	66.90	1.125	1.468	1.804	2.043	2.126	2.055	1.898	1.756	1.720	1.828
6701	67.00	2.051	2.306	2.501	2.579	2.563	2.453	2.389	2.410	2.523	2.682
6711	67.10	2.806	2.828	2.721	2.513	2.270	2.065	1.945	1.918	1.957	2.026
6721	67.20	2.103	2.184	2.280	2.397	2.515	2.585	2.567	2.355	2.002	1.533
6731	67.30	1.025	0.566	0.204	-0.046	-0.225	-0.397	-0.624	-0.940	-1.347	-1.820
6741	67.40	-2.237	-2.247	-3.282	-3.690	-4.019	-4.244	-4.352	-4.355	-4.294	-4.237
6751	67.50	-4.251	-4.369	-4.574	-4.789	-4.910	-4.846	-4.580	-4.095	-3.556	-3.069
6761	67.60	-2.731	-2.569	-2.533	-2.520	-2.423	-2.177	-1.803	-1.303	-0.823	-0.409
6771	67.70	-0.098	0.130	0.317	0.503	0.705	0.907	1.081	1.204	1.227	1.323
6781	67.80	1.378	1.462	1.572	1.676	1.734	1.718	1.629	1.498	1.369	1.276
6791	67.90	1.225	1.190	1.127	0.993	0.772	0.479	0.150	-0.171	-0.458	-0.701
6801	68.00	-0.906	-1.079	-1.209	-1.270	-1.229	-1.070	-0.805	-0.484	-0.174	0.059
6811	68.10	0.184	0.209	0.180	0.159	0.192	0.294	0.443	0.597	0.710	0.758
6821	68.20	0.743	0.685	0.613	0.544	0.483	0.426	0.370	0.322	0.299	0.316
6831	68.30	0.377	0.458	0.521	0.525	0.449	0.309	0.156	0.057	0.066	0.105
6841	68.40	0.402	0.604	0.710	0.658	0.446	0.132	-0.188	-0.411	-0.471	-0.358
6851	68.50	-0.113	0.192	0.485	0.723	0.899	1.030	1.139	1.237	1.313	1.344
6861	68.60	1.308	1.204	1.057	0.910	0.811	0.788	0.843	0.952	1.073	1.165
6871	68.70	1.200	1.123	1.095	0.987	0.873	0.776	0.713	0.698	0.738	0.831
6881	68.80	0.962	1.103	1.219	1.280	1.271	1.201	1.097	0.993	0.914	0.862
6891	68.90	0.820	0.753	0.635	0.459	0.241	0.017	-0.180	-0.335	-0.460	-0.590
6901	69.00	-0.765	-1.004	-1.296	-1.597	-1.844	-1.984	-1.997	-1.901	-1.746	-1.597
6911	69.10	-1.502	-1.483	-1.523	-1.588	-1.642	-1.665	-1.669	-1.686	-1.753	-1.895
6921	69.20	-2.111	-2.368	-2.615	-2.798	-2.882	-2.860	-2.754	-2.604	-2.453	-2.332
6931	69.30	-2.250	-2.198	-2.155	-2.102	-2.029	-1.938	-1.837	-1.730	-1.613	-1.467
6941	69.40	-1.275	-1.025	-0.729	-0.423	-0.157	0.023	0.095	0.076	0.020	-0.000
6951	69.50	0.079	0.288	0.606	0.974	1.310	1.546	1.652	1.641	1.569	1.499
6961	69.60	1.486	1.549	1.671	1.815	1.934	2.000	2.002	1.956	1.885	1.815
6971	69.70	1.765	1.738	1.741	1.773	1.828	1.902	1.982	2.054	2.101	2.132
6981	69.80	2.087	2.038	1.980	1.927	1.879	1.824	1.737	1.599	1.403	1.164
6991	69.90	0.916	0.704	0.566	0.518	0.553	0.638	0.729	0.780	0.764	0.671

Table 7—8—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.513	0.315	0.108	-0.081	-0.234	-0.367	-0.428	-0.488	-0.542	-0.596
7011	70.10	-0.667	-0.681	-0.686	-0.652	-0.584	-0.503	-0.442	-0.428	-0.478	-0.581
7021	70.20	-0.706	-0.810	-0.857	-0.832	-0.751	-0.652	-0.563	-0.574	-0.628	-0.717
7031	70.30	-0.790	-0.801	-0.718	-0.546	-0.316	-0.075	0.132	0.276	0.354	0.377
7041	70.40	0.364	0.329	0.274	0.190	0.070	-0.093	-0.289	-0.502	-0.708	-0.891
7051	70.50	-1.041	-1.151	-1.276	-1.396	-1.533	-1.698	-1.881	-2.060	-2.206	-2.290
7061	70.60	-2.290	-2.199	-2.033	-1.822	-1.604	-1.413	-1.264	-1.153	-1.054	-0.936
7071	70.70	-0.783	-0.588	-0.377	-0.186	-0.044	0.028	0.040	0.018	-0.008	-0.021
7081	70.80	-0.027	-0.052	-0.123	-0.254	-0.435	-0.628	-0.789	-0.887	-0.916	-0.899
7091	70.90	-0.872	-0.861	-0.862	-0.846	-0.767	-0.596	-0.340	-0.053	0.187	0.309
7101	71.00	0.286	0.155	0.002	-0.067	0.020	0.269	0.616	0.952	1.173	1.226
7111	71.10	1.133	0.982	0.881	0.914	1.098	1.379	1.657	1.835	1.856	1.730
7121	71.20	1.521	1.357	1.186	1.152	1.191	1.250	1.279	1.252	1.182	1.103
7131	71.30	1.049	1.039	1.063	1.092	1.098	1.067	1.008	0.943	0.900	0.888
7141	71.40	0.901	0.916	0.912	0.879	0.825	0.770	0.735	0.728	0.739	0.747
7151	71.50	0.731	0.679	0.600	0.514	0.442	0.396	0.373	0.356	0.325	0.272
7161	71.60	0.202	0.130	0.072	0.038	0.019	-0.000	-0.038	-0.100	-0.178	-0.253
7171	71.70	-0.305	-0.330	-0.337	-0.351	-0.393	-0.473	-0.575	-0.668	-0.717	-0.700
7181	71.80	-0.616	-0.489	-0.353	-0.234	-0.136	-0.060	0.085	0.266	0.501	0.771
7191	71.90	1.028	1.223	1.525	1.336	1.276	1.193	1.125	1.094	1.100	1.127
7201	72.00	1.156	1.175	1.187	1.203	1.233	1.277	1.317	1.324	1.269	1.132
7211	72.10	0.912	0.630	0.321	0.023	-0.234	-0.435	-0.584	-0.702	-0.818	-0.964
7221	72.20	-1.162	-1.418	-1.720	-2.033	-2.313	-2.515	-2.608	-2.583	-2.460	-2.278
7231	72.30	-2.088	-1.931	-1.826	-1.768	-1.736	-1.690	-1.609	-1.402	-1.317	-1.137
7241	72.40	-0.966	-0.824	-0.718	-0.643	-0.587	-0.535	-0.476	-0.408	-0.332	-0.256
7251	72.50	-0.188	-0.137	-0.108	-0.108	-0.128	-0.168	-0.216	-0.260	-0.291	-0.306
7261	72.60	-0.308	-0.304	-0.302	-0.309	-0.324	-0.342	-0.357	-0.366	-0.373	-0.385
7271	72.70	-0.414	-0.466	-0.539	-0.624	-0.704	-0.761	-0.783	-0.768	-0.722	-0.659
7281	72.80	-0.595	-0.542	-0.507	-0.490	-0.486	-0.487	-0.486	-0.475	-0.451	-0.411
7291	72.90	-0.356	-0.288	-0.210	-0.124	-0.034	0.058	0.149	0.234	0.308	0.363
7301	73.00	0.396	0.396	0.372	0.328	0.278	0.232	0.201	0.188	0.191	0.200
7311	73.10	0.205	0.189	0.160	0.154	0.133	0.133	0.153	0.226	0.316	0.417
7321	73.20	0.510	0.580	0.623	0.643	0.657	0.683	0.733	0.809	0.901	0.990
7331	73.30	1.054	1.079	1.063	1.010	0.933	0.861	0.742	0.642	0.543	0.455
7341	73.40	0.387	0.346	0.330	0.318	0.277	0.171	-0.021	-0.291	-0.595	-0.862
7351	73.50	-1.019	-1.016	-0.850	-0.565	-0.247	0.016	0.159	0.161	0.053	-0.105
7361	73.60	-0.245	-0.320	-0.319	-0.261	-0.186	-0.127	-0.101	-0.105	-0.119	-0.124
7371	73.70	-0.106	-0.067	-0.020	0.020	0.044	0.049	0.042	0.032	0.027	0.032
7381	73.80	0.047	0.069	0.093	0.113	0.124	0.121	0.104	0.079	0.055	0.050
7391	73.90	0.075	0.138	0.232	0.344	0.455	0.551	0.628	0.694	0.761	0.838
7401	74.00	0.923	1.000	1.050	1.055	1.014	0.939	0.856	0.791	0.758	0.755
7411	74.10	0.767	0.773	0.758	0.723	0.682	0.653	0.650	0.677	0.723	0.772
7421	74.20	0.813	0.842	0.867	0.895	0.934	0.974	1.001	0.994	0.939	0.838
7431	74.30	0.705	0.564	0.438	0.340	0.270	0.222	0.182	0.143	0.101	0.057
7441	74.40	0.010	-0.040	-0.098	-0.165	-0.237	-0.301	-0.342	-0.365	-0.309	-0.249
7451	74.50	-0.190	-0.165	-0.198	-0.301	-0.468	-0.629	-0.908	-1.131	-1.325	-1.478
7461	74.60	-1.577	-1.615	-1.589	-1.507	-1.383	-1.243	-1.114	-1.014	-0.952	-0.915
7471	74.70	-0.884	-0.837	-0.763	-0.666	-0.562	-0.472	-0.408	-0.371	-0.347	-0.318
7481	74.80	-0.272	-0.209	-0.139	-0.078	-0.036	-0.009	0.015	0.054	0.117	0.199
7491	74.90	0.281	0.343	0.372	0.376	0.379	0.409	0.484	0.597	0.714	0.785

Table 7—8—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.765	0.632	0.402	0.122	-0.146	-0.348	-0.455	-0.468	-0.412	-0.321
7511	75.10	-0.223	-0.127	-0.032	0.072	0.186	0.303	0.408	0.464	0.526	0.539
7521	75.20	0.539	0.539	0.543	0.541	0.511	0.427	0.278	0.069	-0.175	-0.419
7531	75.30	-0.632	-0.795	-0.910	-0.996	-1.078	-1.178	-1.305	-1.451	-1.596	-1.714
7541	75.40	-1.784	-1.796	-1.752	-1.668	-1.566	-1.466	-1.384	-1.324	-1.285	-1.257
7551	75.50	-1.229	-1.195	-1.155	-1.112	-1.076	-1.041	-1.011	-0.974	-0.916	-0.829
7561	75.60	-0.712	-0.573	-0.427	-0.292	-0.176	-0.081	0.002	0.085	0.179	0.286
7571	75.70	0.400	0.514	0.619	0.714	0.803	0.895	0.994	1.103	1.216	1.325
7581	75.80	1.427	1.519	1.606	1.692	1.777	1.857	1.923	1.971	2.003	2.031
7591	75.90	2.075	2.150	2.258	2.385	2.498	2.560	2.543	2.436	2.254	2.028
7601	76.00	1.796	1.591	1.427	1.301	1.196	1.092	0.976	0.841	0.690	0.528
7611	76.10	0.364	0.204	0.057	-0.069	-0.166	-0.225	-0.248	-0.244	-0.229	-0.223
7621	76.20	-0.240	-0.285	-0.349	-0.418	-0.477	-0.519	-0.547	-0.571	-0.603	-0.649
7631	76.30	-0.706	-0.764	-0.814	-0.851	-0.880	-0.909	-0.949	-1.003	-1.064	-1.121
7641	76.40	-1.165	-1.195	-1.217	-1.247	-1.295	-1.361	-1.434	-1.494	-1.529	-1.538
7651	76.50	-1.560	-1.564	-1.633	-1.746	-1.869	-1.946	-1.911	-1.721	-1.376	-0.927
7661	76.60	-0.459	-0.055	0.186	0.258	0.248	0.167	0.115	0.147	0.271	0.456
7671	76.70	0.641	0.768	0.804	0.750	0.637	0.509	0.404	0.341	0.314	0.304
7681	76.80	0.290	0.259	0.210	0.155	0.105	0.068	0.041	0.015	-0.019	-0.066
7691	76.90	-0.124	-0.180	-0.221	-0.239	-0.230	-0.199	-0.156	-0.113	-0.077	-0.053
7701	77.00	-0.042	-0.040	-0.042	-0.043	-0.033	-0.005	0.050	0.134	0.262	0.362
7711	77.10	0.478	0.569	0.626	0.647	0.643	0.632	0.631	0.646	0.668	0.671
7721	77.20	0.621	0.485	0.248	-0.027	-0.453	-0.823	-1.132	-1.338	-1.430	-1.428
7731	77.30	-1.376	-1.322	-1.253	-1.329	-1.382	-1.428	-1.433	-1.380	-1.276	-1.153
7741	77.40	-1.050	-0.997	-0.999	-1.034	-1.059	-1.029	-0.911	-0.698	-0.408	-0.075
7751	77.50	0.263	0.576	0.848	1.071	1.246	1.372	1.454	1.501	1.534	1.581
7761	77.60	1.675	1.830	2.036	2.250	2.405	2.429	2.279	1.952	1.500	1.011
7771	77.70	0.587	0.306	0.203	0.262	0.425	0.619	0.783	0.884	0.919	0.910
7781	77.80	0.882	0.854	0.830	0.801	0.757	0.696	0.622	0.551	0.495	0.461
7791	77.90	0.445	0.433	0.412	0.374	0.319	0.260	0.207	0.168	0.145	0.127
7801	78.00	0.104	0.068	0.018	-0.039	-0.091	-0.130	-0.154	-0.170	-0.189	-0.224
7811	78.10	-0.276	-0.362	-0.404	-0.445	-0.451	-0.417	-0.350	-0.267	-0.187	-0.122
7821	78.20	-0.078	-0.050	-0.029	-0.003	0.033	0.079	0.128	0.172	0.208	0.235
7831	78.30	0.261	0.295	0.341	0.397	0.454	0.497	0.512	0.491	0.437	0.361
7841	78.40	0.283	0.216	0.170	0.165	0.132	0.120	0.097	0.062	0.016	-0.031
7851	78.50	-0.072	-0.101	-0.120	-0.136	-0.157	-0.191	-0.242	-0.310	-0.391	-0.479
7861	78.60	-0.568	-0.655	-0.737	-0.812	-0.877	-0.930	-0.969	-0.995	-1.012	-1.026
7871	78.70	-1.042	-1.057	-1.101	-1.164	-1.190	-1.233	-1.256	-1.295	-1.317	-1.338
7881	78.80	-1.365	-1.399	-1.439	-1.482	-1.519	-1.545	-1.558	-1.562	-1.566	-1.575
7891	78.90	-1.604	-1.651	-1.708	-1.756	-1.774	-1.739	-1.638	-1.473	-1.260	-1.027
7901	79.00	-0.806	-0.621	-0.483	-0.387	-0.310	-0.226	-0.112	0.045	0.239	0.455
7911	79.10	0.670	0.870	1.049	1.218	1.394	1.591	1.815	2.053	2.277	2.456
7921	79.20	2.561	2.581	2.523	2.412	2.283	2.167	2.087	2.050	2.050	2.076
7931	79.30	2.109	2.132	2.129	2.085	1.988	1.830	1.616	1.360	1.088	0.830
7941	79.40	0.610	0.433	0.289	0.151	-0.007	-0.199	-0.414	-0.620	-0.771	-0.832
7951	79.50	-0.790	-0.668	-0.516	-0.393	-0.344	-0.381	-0.485	-0.611	-0.715	-0.775
7961	79.60	-0.796	-0.810	-0.853	-0.948	-1.083	-1.218	-1.297	-1.277	-1.143	-0.919
7971	79.70	-0.657	-0.413	-0.227	-0.103	-0.014	0.079	0.211	0.384	0.573	0.728
7981	79.80	0.803	0.775	0.651	0.472	0.289	0.144	0.058	0.022	0.009	-0.011
7991	79.90	-0.055	-0.125	-0.207	-0.284	-0.348	-0.399	-0.450	-0.509	-0.579	-0.646

Table 7—8—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.690	-0.691	-0.663	-0.556	-0.453	-0.362	-0.305	-0.285	-0.289	-0.295
8011	80.10	-0.285	-0.248	-0.191	-0.130	-0.083	-0.057	-0.050	-0.046	-0.030	0.009
8021	80.20	0.071	0.141	0.203	0.241	0.250	0.235	0.208	0.182	0.165	0.157
8031	80.30	0.154	0.151	0.143	0.134	0.127	0.125	0.129	0.132	0.129	0.118
8041	80.40	0.101	0.087	0.084	0.095	0.113	0.120	0.094	0.016	-0.122	-0.308
8051	80.50	-0.519	-0.719	-0.878	-0.975	-1.005	-0.978	-0.914	-0.834	-0.757	-0.692
8061	80.60	-0.647	-0.619	-0.608	-0.606	-0.608	-0.605	-0.589	-0.558	-0.516	-0.467
8071	80.70	-0.429	-0.410	-0.412	-0.425	-0.435	-0.418	-0.371	-0.295	-0.209	-0.139
8081	80.80	-0.109	-0.132	-0.201	-0.292	-0.374	-0.419	-0.415	-0.367	-0.295	-0.227
8091	80.90	-0.184	-0.174	-0.191	-0.219	-0.240	-0.240	-0.215	-0.168	-0.109	-0.047
8101	81.00	0.011	0.065	0.115	0.163	0.210	0.254	0.296	0.337	0.386	0.452
8111	81.10	0.548	0.681	0.852	1.050	1.259	1.453	1.610	1.714	1.758	1.749
8121	81.20	1.704	1.643	1.588	1.568	1.526	1.511	1.487	1.437	1.352	1.233
8131	81.30	1.092	0.948	0.819	0.717	0.642	0.585	0.529	0.459	0.367	0.256
8141	81.40	0.136	0.024	-0.068	-0.136	-0.187	-0.238	-0.306	-0.403	-0.527	-0.663
8151	81.50	-0.785	-0.863	-0.876	-0.820	-0.705	-0.558	-0.407	-0.277	-0.180	-0.114
8161	81.60	-0.068	-0.024	0.028	0.094	0.169	0.249	0.326	0.400	0.471	0.542
8171	81.70	0.612	0.678	0.730	0.764	0.778	0.774	0.763	0.755	0.758	0.774
8181	81.80	0.799	0.830	0.861	0.891	0.919	0.943	0.954	0.940	0.888	0.789
8191	81.90	0.649	0.483	0.319	0.181	0.085	0.033	0.011	0.000	-0.015	-0.042
8201	82.00	-0.075	-0.101	-0.112	-0.107	-0.101	-0.111	-0.156	-0.244	-0.369	-0.514
8211	82.10	-0.662	-0.804	-0.938	-1.075	-1.221	-1.376	-1.523	-1.634	-1.678	-1.635
8221	82.20	-1.508	-1.321	-1.115	-0.930	-0.796	-0.718	-0.682	-0.657	-0.615	-0.538
8231	82.30	-0.428	-0.301	-0.181	-0.089	-0.029	0.009	0.050	0.119	0.230	0.376
8241	82.40	0.526	0.632	0.644	0.529	0.286	-0.051	-0.419	-0.743	-0.959	-1.035
8251	82.50	-0.979	-0.833	-0.659	-0.512	-0.426	-0.399	-0.406	-0.410	-0.383	-0.316
8261	82.60	-0.223	-0.130	-0.062	-0.028	-0.017	-0.007	0.025	0.092	0.185	0.284
8271	82.70	0.358	0.385	0.355	0.272	0.147	-0.006	-0.178	-0.359	-0.538	-0.691
8281	82.80	-0.791	-0.808	-0.728	-0.562	-0.316	-0.130	0.038	0.136	0.176	0.203
8291	82.90	0.267	0.407	0.622	0.869	1.082	1.196	1.176	1.035	0.829	0.631
8301	83.00	0.498	0.448	0.451	0.448	0.375	0.200	-0.063	-0.357	-0.607	-0.749
8311	83.10	-0.760	-0.662	-0.513	-0.381	-0.318	-0.343	-0.442	-0.582	-0.727	-0.860
8321	83.20	-0.980	-1.100	-1.233	-1.378	-1.517	-1.623	-1.670	-1.646	-1.558	-1.434
8331	83.30	-1.306	-1.202	-1.138	-1.109	-1.101	-1.093	-1.069	-1.023	-0.962	-0.898
8341	83.40	-0.844	-0.808	-0.787	-0.771	-0.743	-0.688	-0.598	-0.474	-0.330	-0.184
8351	83.50	-0.054	0.050	0.131	0.201	0.277	0.372	0.489	0.620	0.747	0.859
8361	83.60	0.950	1.030	1.116	1.227	1.367	1.526	1.676	1.786	1.830	1.802
8371	83.70	1.718	1.606	1.500	1.422	1.378	1.357	1.341	1.314	1.268	1.203
8381	83.80	1.128	1.052	0.979	0.911	0.845	0.781	0.722	0.669	0.625	0.583
8391	83.90	0.538	0.478	0.398	0.295	0.171	0.030	-0.129	-0.305	-0.498	-0.699
8401	84.00	-0.889	-1.041	-1.132	-1.149	-1.104	-1.028	-0.962	-0.938	-0.968	-1.034
8411	84.10	-1.103	-1.141	-1.136	-1.102	-1.078	-1.103	-1.197	-1.339	-1.474	-1.533
8421	84.20	-1.459	-1.229	-0.871	-0.443	-0.046	0.357	0.655	0.886	1.074	1.238
8431	84.30	1.382	1.492	1.551	1.555	1.521	1.485	1.483	1.536	1.633	1.739
8441	84.40	1.805	1.796	1.702	1.566	1.374	1.229	1.138	1.100	1.090	1.077
8451	84.50	1.038	0.971	0.892	0.825	0.788	0.784	0.799	0.809	0.795	0.748
8461	84.60	0.675	0.592	0.514	0.452	0.404	0.361	0.313	0.252	0.179	0.102
8471	84.70	0.031	-0.024	-0.061	-0.080	-0.088	-0.092	-0.100	-0.114	-0.136	-0.164
8481	84.80	-0.193	-0.220	-0.242	-0.259	-0.277	-0.298	-0.326	-0.360	-0.394	-0.418
8491	84.90	-0.428	-0.429	-0.435	-0.472	-0.566	-0.723	-0.943	-1.190	-1.417	-1.575

Table 7—8—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1155 501-GR-1-127 U-D (U-D) FUTTU CAPE MAX. ACC. = 25.504 (GAL) T= 14.97 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.628	-1.570	-1.426	-1.238	-1.058	-0.923	-0.839	-0.803	-0.786	-0.760
8511	85.10	-0.710	-0.635	-0.547	-0.463	-0.395	-0.344	-0.301	-0.255	-0.196	-0.124
8521	85.20	-0.045	0.029	0.088	0.130	0.157	0.180	0.209	0.247	0.295	0.368
8531	85.30	0.399	0.444	0.483	0.519	0.555	0.594	0.639	0.688	0.741	0.794
8541	85.40	0.842	0.880	0.900	0.894	0.862	0.805	0.735	0.667	0.615	0.587
8551	85.50	0.582	0.588	0.589	0.572	0.532	0.477	0.423	0.385	0.373	0.384
8561	85.60	0.440	0.398	0.360	0.276	0.151	0.002	-0.155	-0.306	-0.448	-0.586
8571	85.70	-0.726	-0.870	-1.006	-1.118	-1.186	-1.191	-1.141	-1.052	-0.951	-0.865
8581	85.80	-0.814	-0.799	-0.808	-0.824	-0.827	-0.810	-0.777	-0.737	-0.702	-0.680
8591	85.90	-0.671	-0.667	-0.659	-0.643	-0.617	-0.586	-0.556	-0.534	-0.522	-0.518
8601	86.00	-0.518	-0.516	-0.512	-0.504	-0.496	-0.482	-0.471	-0.460	-0.450	-0.442
8611	86.10	-0.436	-0.432	-0.426	-0.415	-0.398	-0.372	-0.341	-0.307	-0.275	-0.248
8621	86.20	-0.223	-0.198	-0.169	-0.136	-0.101	-0.074	-0.063	-0.074	-0.106	-0.153
8631	86.30	-0.202	-0.244	-0.273	-0.288	-0.297	-0.306	-0.320	-0.341	-0.366	-0.391
8641	86.40	-0.413	-0.430	-0.446	-0.462	-0.479	-0.495	-0.508	-0.523	-0.533	-0.545
8651	86.50	-0.559	-0.576	-0.594	-0.612	-0.632	-0.664	-0.719	-0.807	-0.930	-1.069
8661	86.60	-1.193	-1.262	-1.242	-1.120	-0.910	-0.650	-0.385	-0.152	0.041	0.211
8671	86.70	0.396	0.632	0.930	1.272	1.605	1.866	2.006	2.005	1.885	1.700
8681	86.80	1.514	1.380	1.323	1.336	1.387	1.436	1.451	1.415	1.329	1.201
8691	86.90	1.046	0.876	0.701	0.529	0.373	0.247	0.163	0.126	0.132	0.164
8701	87.00	0.201	0.222	0.217	0.183	0.131	0.074	0.024	-0.014	-0.062	-0.068
8711	87.10	-0.101	-0.145	-0.198	-0.251	-0.295	-0.320	-0.327	-0.321	-0.315	-0.323
8721	87.20	-0.351	-0.397	-0.447	-0.481	-0.481	-0.438	-0.358	-0.258	-0.161	-0.087
8731	87.30	-0.044	-0.023	-0.008	0.018	0.064	0.125	0.187	0.235	0.261	0.268
8741	87.40	0.272	0.289	0.328	0.384	0.441	0.484	0.505	0.509	0.512	0.533
8751	87.50	0.580	0.647	0.718	0.774	0.809	0.831	0.862	0.918	1.004	1.106
8761	87.60	1.196	1.250	1.263	1.257	1.265	1.319	1.424	1.560	1.684	1.762
8771	87.70	1.786	1.785	1.812	1.906	2.066	2.237	2.327	2.250	1.973	1.546
8781	87.80	1.081	0.716	0.545	0.578	0.735	0.889	0.930	0.827	0.645	0.508
8791	87.90	0.527	0.730	1.026	1.235	1.164	0.707	-0.099	-1.063	-1.922	-2.436

Table 7—9—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-8.369	-8.671	-7.460	-5.224	-2.693	-0.539	0.872	1.549	1.756	1.774
11	0.10	1.700	1.376	0.501	-1.139	-3.456	-5.983	-7.989	-8.757	-7.885	-5.483
21	0.20	-2.160	1.179	3.652	4.687	4.166	2.390	-0.088	-2.670	-4.865	-6.334
31	0.30	-6.870	-6.355	-4.771	-2.264	0.778	3.704	5.703	6.038	4.328	0.775
41	0.40	-3.795	-8.110	-10.828	-10.979	-8.315	-3.433	2.382	7.537	10.623	10.837
51	0.50	8.213	3.587	-1.680	-6.130	-8.638	-8.731	-6.682	-3.381	-0.009	2.366
61	0.60	3.136	2.335	0.582	-1.191	-2.126	-1.800	-0.400	1.354	2.526	2.395
71	0.70	0.816	-1.651	-3.931	-4.866	-3.729	-0.603	3.573	7.306	9.120	8.156
81	0.80	4.535	-0.627	-5.638	-6.859	-9.326	-7.095	-3.187	0.838	3.509	4.000
91	0.90	2.405	-0.350	-2.924	-4.106	-3.279	-0.629	2.951	6.204	7.953	7.486
101	1.00	4.767	0.416	-4.483	-8.695	-11.153	-11.223	-8.851	-4.574	0.602	5.439
111	1.10	8.764	9.766	8.212	4.523	-0.328	-5.064	-8.442	-9.578	-8.168	-4.554
121	1.20	0.380	5.443	9.425	11.387	10.867	7.978	3.376	-1.899	-6.674	-9.932
131	1.30	-11.068	-10.027	-7.275	-3.621	0.081	3.203	5.501	7.089	8.239	9.129
141	1.40	9.658	9.438	8.000	5.699	0.979	-3.566	-7.398	-9.445	-9.143	-6.707
151	1.50	-3.079	0.415	2.590	2.851	1.389	-0.966	-3.150	-4.322	-4.178	-2.975
161	1.60	-1.296	0.303	1.567	2.600	3.686	5.007	6.412	7.405	7.351	5.819
171	1.70	2.860	-0.925	-4.583	-7.186	-8.201	-7.681	-6.166	-4.369	-2.803	-1.546
181	1.80	-0.270	1.484	3.937	6.813	9.346	10.574	9.793	6.943	2.735	-1.576
191	1.90	-4.677	-5.732	-4.716	-2.389	0.079	1.654	1.907	1.168	0.295	0.181
201	2.00	1.231	3.079	4.213	4.958	5.096	-0.667	-5.135	-8.531	-9.223	-6.444
211	2.10	-0.711	6.292	12.302	15.323	14.362	9.760	3.003	-3.890	-9.110	-11.622
221	2.20	-11.353	-8.971	-5.443	-1.606	2.036	5.252	7.840	9.430	9.670	7.457
231	2.30	3.288	-2.461	-8.531	-13.296	-15.312	-13.854	-9.219	-2.644	4.118	9.387
241	2.40	12.073	11.914	9.400	5.472	1.150	-2.726	-5.595	-7.127	-7.152	-5.641
251	2.50	-2.769	0.997	4.880	7.923	9.250	8.371	5.394	1.026	-3.632	-7.452
261	2.60	-9.625	-9.886	-8.519	-6.177	-3.604	-1.380	0.238	1.317	2.168	3.165
271	2.70	4.579	6.426	8.397	9.869	10.055	8.256	4.179	-1.805	-8.592	-14.554
281	2.80	-18.019	-17.865	-14.011	-7.550	-0.466	5.194	7.860	7.274	4.435	1.152
291	2.90	-0.778	-0.379	2.089	5.304	7.561	7.649	5.476	2.158	-0.508	-0.925
301	3.00	1.480	5.885	10.358	12.667	11.267	6.004	-1.762	-9.672	-15.280	-16.970
311	3.10	-14.496	-8.948	-2.251	3.611	7.246	8.174	6.761	3.865	0.435	-2.777
321	3.20	-5.290	-6.818	-7.156	-6.142	-3.745	-0.203	3.886	7.613	9.978	10.210
331	3.30	8.045	3.865	-1.396	-6.517	-10.357	-12.165	-11.750	-9.461	-5.009	-2.221
341	3.40	1.201	3.831	5.554	6.402	6.864	6.833	6.607	5.418	3.612	0.818
351	3.50	-2.878	-7.010	-10.756	-13.126	-13.260	-10.761	-5.909	0.332	6.549	11.283
361	3.60	13.462	12.705	9.390	4.473	-0.869	-5.495	-8.736	-10.265	-10.111	-8.500
371	3.70	-5.756	-2.275	1.440	4.768	7.046	7.754	6.718	4.250	1.096	-1.797
381	3.80	-5.633	-4.063	-3.291	-1.923	-0.635	0.174	0.561	0.965	1.783	3.202
391	3.90	4.786	5.678	4.997	2.338	-1.855	-6.290	-9.255	-9.306	-5.918	0.199
401	4.00	7.292	13.197	16.150	15.427	11.552	6.005	0.583	-3.286	-4.593	-4.798
411	4.10	-3.537	-2.151	-1.307	-1.233	-1.805	-2.764	-3.899	-5.101	-6.284	-7.266
421	4.20	-7.738	-7.368	-5.999	-3.816	-1.355	0.694	1.802	1.875	1.315	0.813
431	4.30	0.969	1.812	2.868	3.158	1.802	-1.469	-5.995	-10.310	-12.675	-11.826
441	4.40	-7.586	-1.060	5.718	10.540	11.876	9.459	4.354	-1.498	-6.066	-7.991
451	4.50	-7.028	-4.014	-0.412	2.335	3.362	2.642	0.881	-0.850	-1.588	-0.834
461	4.60	1.291	4.142	6.800	8.391	8.361	6.632	3.621	0.116	-2.951	-4.779
471	4.70	-4.939	-3.512	-1.052	1.615	3.709	4.785	4.889	4.481	4.162	4.317
481	4.80	4.864	5.236	4.649	2.540	-1.041	-5.296	-8.891	-10.513	-9.448	-5.985
491	4.90	-1.381	2.618	4.516	3.737	0.903	-2.412	-4.384	-3.757	-0.435	4.458

Table 7—9—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	9.056	11.577	11.093	7.919	3.422	-0.612	-2.785	-2.654	-0.836	1.390
511	5.10	2.756	2.617	1.207	-0.560	-1.625	-1.357	0.128	2.042	3.362	3.364
521	5.20	1.995	-0.124	-2.045	-2.997	-2.810	-1.982	-1.411	-1.894	-3.669	-6.233
531	5.30	-8.525	-9.399	-8.161	-4.901	-0.491	3.758	6.609	7.356	6.021	3.279
541	5.40	0.119	-2.538	-4.122	-6.511	-8.949	-10.861	-11.683	-10.754	-8.280	-0.340
551	5.50	-0.888	-1.741	-2.585	-3.021	-2.688	-1.409	0.684	3.132	5.267	6.425
561	5.60	6.188	4.544	1.893	-1.086	-3.669	-5.304	-5.755	-5.115	-3.727	-2.068
571	5.70	-0.536	0.451	0.707	0.223	-0.792	-1.928	-2.655	-2.479	-1.146	1.205
581	5.80	3.999	6.370	7.466	6.790	4.452	1.184	-1.913	-3.788	-3.875	-2.330
591	5.90	0.033	2.102	2.952	2.256	0.421	-1.601	-2.745	-2.323	-0.329	2.555
601	6.00	5.257	6.775	6.583	4.822	2.186	-0.410	-2.225	-2.965	-2.830	-2.327
611	6.10	-1.975	-2.045	-2.466	-2.917	-3.064	-2.773	-2.215	-1.776	-1.832	-2.494
621	6.20	-3.472	-4.127	-3.720	-1.742	1.808	6.329	10.662	13.922	14.882	13.269
631	6.30	9.357	3.958	-1.850	-7.017	-10.744	-12.583	-12.417	-10.396	-6.883	-2.433
641	6.40	2.217	6.209	8.715	9.164	7.468	4.137	0.190	-3.143	-4.841	-4.472
651	6.50	-2.366	0.501	2.888	3.777	2.772	0.237	-2.877	-5.435	-6.572	-6.003
661	6.60	-4.083	-1.588	0.633	2.002	2.393	2.095	1.614	1.410	1.698	2.387
671	6.70	3.151	3.586	3.383	2.441	0.902	-0.885	-2.456	-3.354	-3.255	-2.088
681	6.80	-0.092	2.198	4.078	4.894	4.275	2.317	-0.409	-3.017	-4.625	-4.686
691	6.90	-3.213	-0.783	1.679	3.261	3.401	2.079	-0.215	-2.704	-4.624	-5.469
701	7.00	-5.092	-3.657	-1.501	1.002	3.503	5.673	7.167	7.642	6.842	4.729
711	7.10	1.601	-1.916	-4.998	-6.875	-7.087	-5.643	-3.016	0.019	2.644	4.230
721	7.20	4.477	3.430	1.392	-1.181	-3.786	-5.933	-7.203	-7.317	-6.218	-4.135
731	7.30	-1.576	0.783	2.309	2.630	1.790	0.233	-1.366	-2.372	-2.433	-1.582
741	7.40	-0.175	1.319	2.534	3.330	3.764	3.941	3.850	3.297	1.997	-0.220
751	7.50	-3.190	-6.431	-8.851	-9.759	-8.692	-5.730	-1.604	2.585	5.742	7.150
761	7.60	6.669	4.708	1.998	-0.702	-2.835	-4.140	-4.599	-4.322	-3.453	-2.144
771	7.70	-0.604	0.864	1.879	2.106	1.418	0.027	-1.511	-2.461	-2.186	-0.440
781	7.80	2.472	5.742	8.307	9.225	8.015	4.838	0.453	-4.038	-7.536	-9.275
791	7.90	-9.015	-7.046	-4.040	-0.814	1.915	3.689	4.383	4.166	3.407	2.540
801	8.00	1.946	1.868	2.364	3.314	4.470	5.527	6.204	6.314	5.801	4.734
811	8.10	3.279	1.665	0.037	-1.386	-2.525	-3.338	-3.831	-4.043	-4.025	-3.833
821	8.20	-3.509	-3.078	-2.545	-1.900	-1.140	-0.290	0.681	1.352	1.876	2.007
831	8.30	1.667	0.784	-0.491	-1.999	-3.509	-4.793	-5.676	-6.081	-6.031	-5.639
841	8.40	-5.058	-4.434	-3.856	-3.333	-2.790	-2.105	-1.163	0.081	1.559	3.073
851	8.50	4.320	4.965	4.733	3.513	1.418	-1.188	-3.756	-5.662	-6.369	-5.585
861	8.60	-3.359	-0.103	3.499	6.666	8.729	9.314	8.428	6.435	3.915	1.468
871	8.70	-0.468	-1.707	-2.302	-2.433	-2.254	-1.793	-0.936	0.467	2.450	4.792
881	8.80	6.987	8.358	8.289	6.497	3.226	-0.739	-4.259	-6.199	-5.820	-3.072
891	8.90	1.336	6.129	9.862	11.393	10.256	6.807	2.086	-2.557	-5.920	-7.330
901	9.00	-6.809	-4.959	-2.645	-0.598	0.869	1.926	3.043	4.666	6.792	9.015
911	9.10	10.452	10.194	7.730	3.262	-2.254	-7.392	-10.768	-11.549	-9.765	-6.260
921	9.20	-2.328	0.817	2.483	2.685	1.981	1.082	0.446	0.052	-0.525	-1.790
931	9.30	-3.949	-6.674	-9.173	-10.518	-10.093	-7.910	-4.622	-1.229	1.391	2.880
941	9.40	3.508	3.947	4.804	6.191	7.560	7.928	6.404	2.746	-2.326	-7.277
951	9.50	-10.322	-10.182	-6.683	-0.906	5.189	9.530	10.739	8.652	4.318	-0.490
961	9.60	-6.027	-5.245	-4.114	-1.495	1.342	3.287	3.815	3.074	1.701	0.437
971	9.70	-0.201	-0.083	0.579	1.418	2.112	2.502	2.595	2.479	2.239	1.918
981	9.80	1.533	1.109	0.699	0.341	0.006	-0.435	-1.174	-2.350	-3.924	-5.606
991	9.90	-6.901	-7.286	-6.429	-4.367	-1.536	1.371	3.656	4.864	4.911	4.037

Table 7—9—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.621	0.962	-0.846	-2.883	-5.231	-7.775	-10.093	-11.540	-11.494	-9.673
1011	10.10	-6.352	-2.856	1.189	3.269	3.375	1.696	-0.967	-3.553	-5.179	-5.496
1021	10.20	-4.775	-3.706	-3.010	-3.030	-3.526	-3.756	-2.840	-0.228	3.929	8.693
1031	10.30	12.597	14.171	12.529	7.781	1.088	-5.669	-10.505	-11.995	-9.758	-4.562
1041	10.40	1.961	7.893	11.673	12.580	10.883	7.639	4.230	1.834	1.027	1.655
1051	10.50	2.983	4.049	4.063	2.695	0.160	-2.396	-5.666	-7.460	-7.915	-7.067
1061	10.60	-5.284	-3.111	-1.093	0.368	1.088	1.102	0.611	-0.108	-0.799	-1.315
1071	10.70	-1.666	-2.015	-2.614	-3.680	-5.266	-7.159	-8.880	-9.793	-9.315	-7.152
1081	10.80	-3.469	1.082	5.517	8.806	10.196	9.443	6.872	3.236	-0.565	-3.774
1091	10.90	-5.978	-7.138	-7.455	-7.175	-6.422	-5.160	-3.285	-0.790	2.098	4.909
1101	11.00	7.070	8.140	8.033	7.112	6.083	5.734	6.601	8.725	11.591	14.284
1111	11.10	15.791	15.336	12.613	7.867	1.691	-4.966	-11.190	-16.144	-19.141	-19.687
1121	11.20	-17.535	-12.787	-5.991	1.829	9.292	14.952	17.880	17.018	13.343	7.751
1131	11.30	1.683	-3.580	-7.348	-9.705	-11.354	-13.201	-15.832	-19.136	-22.223	-23.687
1141	11.40	-22.122	-16.689	-7.510	4.258	16.679	27.546	34.939	37.678	35.530	29.176
1151	11.50	19.963	9.568	-0.346	-8.599	-13.681	-15.833	-15.057	-12.037	-7.789	-3.438
1161	11.60	0.018	1.941	2.179	1.075	-0.671	-2.243	-2.977	-2.573	-1.187	0.630
1171	11.70	2.119	2.573	1.568	-0.881	-4.314	-7.943	-10.868	-12.322	-11.854	-9.408
1181	11.80	-5.269	0.084	6.159	12.567	19.041	25.321	30.985	35.309	37.269	35.740
1191	11.90	29.854	19.433	5.292	-10.691	-25.865	-37.377	-42.891	-41.236	-32.760	-19.290
1201	12.00	-3.677	10.922	21.832	27.480	27.698	23.629	17.290	10.933	6.383	4.539
1211	12.10	5.182	7.133	8.710	8.350	5.188	-0.601	-7.822	-14.655	-19.278	-20.510
1221	12.20	-18.213	-13.316	-7.641	-2.294	0.917	1.818	0.812	-1.277	-3.698	-6.106
1231	12.30	-8.611	-11.493	-14.786	-17.958	-19.916	-19.370	-15.432	-8.159	1.231	10.609
1241	12.40	17.586	20.304	18.052	11.469	2.259	-7.435	-15.617	-21.137	-23.654	-23.605
1251	12.50	-21.870	-19.451	-17.249	-15.936	-15.880	-17.066	-19.024	-20.840	-21.327	-19.386
1261	12.60	-14.455	-6.869	2.086	10.496	16.455	18.762	17.376	13.613	8.661	4.835
1271	12.70	2.901	2.783	3.575	4.160	3.787	2.678	1.766	2.300	5.136	10.211
1281	12.80	16.442	22.098	25.489	25.641	22.683	17.782	12.689	9.117	8.184	10.136
1291	12.90	14.352	19.594	24.329	27.065	26.614	22.336	14.335	3.581	-8.137	-18.501
1301	13.00	-25.204	-26.619	-22.363	-13.537	-2.473	7.940	15.148	17.698	15.599	10.147
1311	13.10	3.323	-2.983	-7.588	-10.268	-11.577	-12.395	-13.424	-14.876	-16.441	-17.506
1321	13.20	-17.463	-15.995	-13.149	-9.291	-4.942	-0.633	3.181	6.152	8.038	8.224
1331	13.30	8.266	6.917	5.084	3.207	1.581	0.235	-1.060	-2.610	-4.512	-6.609
1341	13.40	-7.431	-6.438	-2.485	4.636	14.061	23.903	31.746	35.429	33.833	27.343
1351	13.50	17.764	7.714	-0.290	-4.696	-5.389	-3.599	-1.311	-0.442	-2.125	-6.392
1361	13.60	-12.316	-18.516	-23.744	-27.299	-29.104	-29.476	-28.766	-27.074	-24.204	-19.880
1371	13.70	-14.066	-7.235	-0.395	5.159	8.267	8.365	5.628	1.144	-3.589	-7.017
1381	13.80	-7.987	-6.037	-1.473	4.771	11.419	17.189	21.117	22.774	22.342	20.508
1391	13.90	18.206	16.252	15.006	14.187	12.951	10.216	5.157	-2.349	-11.529	-20.863
1401	14.00	-28.569	-33.211	-34.188	-31.880	-27.405	-22.089	-16.907	-12.141	-7.399	-1.959
1411	14.10	4.744	12.726	21.323	29.358	35.491	38.594	37.999	33.591	25.769	15.386
1421	14.20	3.690	-7.747	-17.188	-23.030	-24.207	-20.553	-12.936	-3.070	6.999	15.506
1431	14.30	21.633	24.593	25.328	23.991	20.537	14.491	5.369	-6.665	-20.264	-32.874
1441	14.40	-41.353	-45.067	-37.016	-24.466	-8.756	5.700	14.839	16.266	9.906	-2.170
1451	14.50	-16.629	-30.047	-39.880	-44.941	-45.310	-41.897	-35.944	-28.686	-21.240	-14.630
1461	14.60	-9.793	-7.483	-8.096	-11.524	-17.159	-24.052	-31.153	-37.494	-42.221	-44.516
1471	14.70	-43.538	-38.534	-29.169	-15.960	-0.541	14.482	26.168	32.216	31.873	26.357
1481	14.80	18.539	11.953	9.534	12.611	20.578	31.367	42.327	51.429	57.646	60.991
1491	14.90	61.955	60.869	57.595	51.733	43.220	32.905	22.710	15.150	12.386	15.232

Table 7—9—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	22.653	32.046	40.224	44.696	44.636	41.101	36.402	32.931	32.009	33.272
1511	15.10	34.869	34.361	29.769	20.675	8.308	-4.746	-15.422	-21.132	-20.474	-13.525
1521	15.20	-1.725	12.503	26.252	36.629	41.240	38.620	28.589	12.398	-7.428	-27.597
1531	15.30	-44.831	-56.688	-62.146	-61.747	-57.236	-50.841	-44.191	-39.250	-35.162	-31.513
1541	15.40	-27.338	-21.947	-15.260	-7.851	-0.743	4.940	8.297	8.878	6.754	2.457
1551	15.50	-3.177	-9.217	-14.840	-19.682	-22.910	-25.162	-26.408	-26.771	-26.212	-24.550
1561	15.60	-21.616	-17.477	-12.588	-7.770	-3.984	-1.992	-2.085	-4.022	-7.260	-11.338
1571	15.70	-16.207	-22.270	-30.060	-39.547	-49.776	-58.509	-62.750	-59.683	-47.802	-27.761
1581	15.80	-2.523	23.302	44.710	57.690	60.246	52.731	37.471	17.949	-2.096	-19.346
1591	15.90	-31.275	-36.279	-33.761	-24.231	-9.378	8.059	24.766	37.662	44.779	45.868
1601	16.00	42.269	36.406	30.474	25.531	21.086	15.541	7.305	-3.978	-16.732	-27.693
1611	16.10	-33.088	-30.246	-18.905	-1.598	17.117	32.256	40.175	39.747	32.502	21.757
1621	16.20	11.190	3.523	-0.166	-0.336	1.718	4.674	7.708	10.530	13.051	14.985
1631	16.30	15.706	14.464	10.843	5.180	-1.346	-7.025	-10.234	-10.045	-6.557	-0.801
1641	16.40	5.705	11.523	15.719	17.981	18.455	17.433	15.104	11.478	6.494	0.204
1651	16.50	-7.090	-14.831	-22.305	-28.779	-33.604	-36.251	-36.324	-33.620	-28.258	-20.816
1661	16.60	-12.384	-4.414	1.640	4.790	4.882	2.683	-0.407	-2.923	-3.939	-3.438
1671	16.70	-2.262	-1.655	-2.616	-5.364	-9.178	-12.680	-14.437	-13.580	-10.163	-5.101
1681	16.80	0.259	4.714	7.651	9.166	9.852	10.391	11.196	12.274	13.351	14.160
1691	16.90	14.680	15.180	16.028	17.363	18.853	19.686	18.865	15.675	10.114	3.044
1701	17.00	-4.068	-9.592	-12.564	-12.900	-11.491	-9.747	-8.906	-9.398	-10.581	-10.976
1711	17.10	-8.926	-3.417	5.320	15.687	25.158	31.118	31.770	26.737	17.142	5.145
1721	17.20	-6.844	-16.953	-24.299	-28.986	-31.682	-33.034	-33.211	-31.784	-27.996	-21.258
1731	17.30	-11.625	-0.017	11.937	22.364	29.702	33.128	32.667	28.990	23.022	15.580
1741	17.40	7.206	-1.735	-10.810	-19.278	-26.066	-30.006	-30.277	-28.839	-20.609	-13.306
1751	17.50	-6.913	-3.007	-2.210	-4.004	-6.999	-9.539	-10.390	-9.198	-6.535	-3.529
1761	17.60	-1.251	-0.186	-0.014	0.172	1.333	3.902	7.455	10.811	12.548	11.693
1771	17.70	8.278	3.471	-0.789	-2.520	-0.463	5.431	14.012	23.417	31.784	37.894
1781	17.80	41.439	42.860	42.863	41.894	39.854	36.178	30.233	21.802	11.393	0.196
1791	17.90	-10.303	-18.864	-24.919	-28.686	-30.906	-32.354	-33.367	-33.639	-32.387	-28.803
1801	18.00	-22.585	-14.262	-5.169	2.947	8.515	10.666	9.498	5.970	1.511	-2.487
1811	18.10	-5.077	-5.945	-5.350	-3.911	-2.342	-1.259	-1.080	-1.979	-3.878	-6.423
1821	18.20	-8.992	-10.769	-10.934	-8.924	-4.705	1.111	7.353	12.628	15.764	16.209
1831	18.30	14.197	10.596	6.523	2.877	0.027	-2.200	-4.232	-6.317	-8.188	-9.015
1841	18.40	-7.737	-3.620	3.199	11.479	19.105	23.751	23.709	18.570	9.438	-1.408
1851	18.50	-11.285	-17.990	-20.464	-18.991	-14.883	-9.864	-5.398	-2.268	-0.512	0.332
1861	18.60	0.832	1.351	1.938	2.438	2.698	2.737	2.767	3.073	3.813	4.880
1871	18.70	5.898	6.361	5.836	4.146	1.430	1.921	-5.412	-8.599	-11.183	-13.061
1881	18.80	-14.188	-14.747	-14.908	-14.919	-15.039	-15.469	-16.267	-17.280	-18.157	-18.456
1891	18.90	-17.811	-16.080	-13.404	-10.124	-6.604	-3.039	0.619	4.590	9.058	13.947
1901	19.00	18.803	22.876	25.383	25.830	24.249	21.223	17.682	14.569	12.526	11.741
1911	19.10	12.006	12.911	14.061	15.190	16.124	16.666	16.501	15.234	12.568	8.531
1921	19.20	3.603	-1.363	-5.442	-8.032	-9.144	-9.420	-9.825	-11.138	-13.483	-16.145
1931	19.30	-17.792	-17.069	-13.167	-6.487	1.537	8.792	13.272	13.835	10.635	5.063
1941	19.40	-0.795	-4.929	-6.110	-4.268	-0.410	3.824	6.779	7.322	5.124	0.631
1951	19.50	-5.195	-11.228	-16.467	-20.200	-22.017	-21.759	-19.457	-15.328	-9.813	-3.607
1961	19.60	2.364	7.084	9.658	9.563	6.825	2.048	-3.726	-9.307	-13.694	-16.332
1971	19.70	-17.241	-16.864	-15.866	-14.803	-13.901	-12.990	-11.632	-9.364	-5.956	-1.558
1981	19.80	3.321	7.984	11.797	14.387	15.716	15.999	15.533	14.524	13.016	10.938
1991	19.90	8.267	5.180	2.120	-0.283	-1.416	-0.932	1.091	4.132	7.393	10.072

Table 7—9—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1156 S01-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	11.627	11.938	11.285	10.193	9.183	8.570	8.368	8.330	8.098	7.578
2011	20.10	6.066	4.285	2.324	0.522	-0.852	-1.678	-1.995	-1.966	-1.808	-1.716
2021	20.20	-1.819	-2.153	-2.263	-3.227	-3.659	-3.950	-3.914	-3.621	-3.196	-2.819
2031	20.30	-2.681	-2.893	-3.437	-4.144	-4.724	-4.847	-4.238	-2.764	-0.487	2.336
2041	20.40	5.299	7.930	9.782	10.514	9.955	8.136	5.282	1.794	-1.829	-5.064
2051	20.50	-7.451	-8.663	-8.569	-7.154	-4.706	-1.604	1.614	4.301	5.775	5.429
2061	20.60	2.899	-1.772	-8.006	-14.703	-20.419	-23.705	-23.526	-19.616	-12.638	-4.056
2071	20.70	6.245	10.499	13.551	13.153	9.956	5.222	0.381	-3.392	-5.460	-5.769
2081	20.80	-4.719	-2.941	-1.087	0.297	0.827	0.302	-1.266	-3.602	-4.134	-4.048
2091	20.90	-8.457	-6.671	-2.480	3.680	10.773	17.425	22.348	24.736	24.521	22.350
2101	21.00	19.334	16.563	15.128	15.079	16.206	17.784	18.940	18.890	17.161	13.582
2111	21.10	8.478	2.407	-3.858	-9.499	-13.823	-16.424	-17.293	-16.822	-15.685	-14.638
2121	21.20	-14.279	-14.884	-16.357	-18.324	-20.291	-21.819	-22.610	-22.505	-21.434	-19.359
2131	21.30	-16.291	-12.365	-7.925	-3.562	0.097	2.414	3.188	2.723	1.821	1.552
2141	21.40	2.890	6.356	11.793	18.395	24.910	29.992	32.531	31.891	27.996	21.303
2151	21.50	12.686	3.796	-5.920	-12.918	-17.783	-19.928	-19.687	-17.943	-15.858	-14.467
2161	21.60	-14.305	-15.190	-16.295	-16.496	-14.869	-11.025	-5.479	0.688	6.136	9.784
2171	21.70	11.179	10.600	8.876	7.016	5.824	5.654	6.385	7.586	8.756	9.546
2181	21.80	9.856	9.821	9.713	9.814	10.322	11.277	12.529	13.724	14.338	13.768
2191	21.90	11.494	7.282	1.353	-5.562	-12.347	-17.783	-20.908	-21.332	-19.365	-15.912
2201	22.00	-12.171	-9.243	-7.813	-7.996	-9.394	-11.306	-12.991	-13.884	-13.709	-12.485
2211	22.10	-10.570	-8.082	-5.823	-4.206	-3.660	-4.425	-6.448	-9.332	-12.386	-14.779
2221	22.20	-15.763	-14.885	-12.109	-7.808	-2.621	2.747	7.707	11.885	15.118	17.373
2231	22.30	18.667	19.024	18.503	17.258	15.599	13.984	12.962	12.932	14.190	16.634
2241	22.40	19.861	23.129	25.706	26.848	26.075	23.256	18.647	12.840	6.634	0.864
2251	22.50	-3.777	-6.875	-8.339	-8.376	-7.366	-5.764	-3.977	-2.334	-1.099	-0.484
2261	22.60	-0.668	-1.628	-3.250	-5.074	-6.435	-6.621	-5.141	-1.988	2.268	6.486
2271	22.70	9.487	10.303	8.659	5.109	0.865	-2.622	-4.188	-3.357	-0.674	3.495
2281	22.80	7.360	10.151	11.602	11.177	9.880	7.963	5.703	3.145	0.219	-3.060
2291	22.90	-6.454	-9.497	-11.662	-12.584	-12.235	-10.948	-9.272	-7.738	-6.656	-6.053
2301	23.00	-5.764	-5.627	-5.645	-6.022	-7.035	-8.817	-11.173	-13.559	-15.254	-15.686
2311	23.10	-14.730	-12.840	-10.916	-9.938	-10.524	-12.608	-15.398	-17.649	-18.147	-16.198
2321	23.20	-11.920	-6.210	-0.406	4.206	6.832	7.391	6.430	4.819	3.357	2.483
2331	23.30	2.192	2.167	2.038	1.629	1.071	0.737	1.049	2.247	4.236	6.584
2341	23.40	8.658	9.855	9.756	8.355	5.853	2.791	-0.327	-3.076	-5.225	-6.743
2351	23.50	-7.753	-8.446	-8.989	-9.450	-9.758	-9.707	-9.010	-7.402	-4.761	-1.213
2361	23.60	2.822	6.686	9.637	11.073	10.740	8.851	6.067	3.314	1.512	1.290
2371	23.70	2.799	5.674	9.160	12.331	14.348	14.651	13.061	9.777	5.316	0.603
2381	23.80	-4.133	-7.484	-9.003	-8.338	-5.558	-1.189	3.862	8.512	11.792	13.122
2391	23.90	12.477	10.364	7.613	5.062	3.261	2.313	1.919	1.585	0.908	-0.215
2401	24.00	-1.535	-2.578	-2.880	-2.227	-0.758	1.083	2.740	3.774	4.023	3.621
2411	24.10	2.885	2.136	1.562	1.092	0.643	0.055	-0.693	-1.680	-2.108	-2.414
2421	24.20	-2.369	-2.079	-1.706	-1.345	-0.941	-0.320	0.679	2.019	3.367	4.027
2431	24.30	3.355	0.871	-3.351	-8.603	-13.692	-17.319	-18.536	-17.099	-13.566	-9.086
2441	24.40	-4.964	-2.199	-1.158	-1.529	-2.551	-3.386	-3.463	-2.657	-1.228	0.403
2451	24.50	1.916	3.250	4.582	6.152	8.048	10.058	11.698	12.397	11.746	9.713
2461	24.60	6.691	3.380	0.538	-1.269	-1.836	-1.336	-0.201	1.057	2.007	2.380
2471	24.70	2.071	1.096	-0.457	-2.427	-4.564	-6.508	-7.823	-8.082	-7.007	-4.587
2481	24.80	-1.137	2.753	6.345	8.944	10.059	9.504	7.411	4.171	0.341	-3.463
2491	24.90	-6.644	-8.702	-9.288	-8.274	-5.790	-2.242	1.737	5.395	8.016	9.080

Table 7—9—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1156 S01-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	8.393	6.126	2.775	-0.962	-4.362	-6.843	-8.099	-8.154	-7.334	-6.158
2511	25.10	-5.165	-4.746	-4.997	-5.680	-6.286	-6.213	-4.987	-2.468	1.052	4.901
2521	25.20	8.225	10.264	10.610	9.351	7.035	4.478	2.485	1.590	1.910	3.162
2531	25.30	4.820	6.332	7.315	7.644	7.420	6.852	6.120	5.281	4.273	2.989
2541	25.40	1.382	-0.448	-2.257	-3.720	-4.555	-4.633	-4.032	-3.006	-1.901	-1.029
2551	25.50	-0.588	-0.625	-1.001	-1.845	-2.833	-4.009	-5.348	-6.830	-8.296	-9.539
2561	25.60	-10.302	-10.381	-9.712	-8.417	-6.786	-5.190	-3.965	-3.323	-3.305	-3.808
2571	25.70	-4.657	-5.674	-6.727	-7.724	-8.582	-9.186	-9.384	-9.019	-7.998	-6.349
2581	25.80	-4.249	-1.993	0.079	1.673	2.618	2.886	2.582	1.889	1.021	0.179
2591	25.90	-0.466	-0.784	-0.697	-0.189	0.692	1.847	3.163	4.568	6.060	7.711
2601	26.00	9.609	11.772	14.075	16.218	17.787	18.368	17.702	15.796	12.944	9.654
2611	26.10	6.506	3.987	2.382	1.742	1.917	2.647	3.639	4.620	5.358	5.664
2621	26.20	5.400	4.490	2.939	0.835	-1.666	-4.370	-7.065	-9.515	-11.431	-12.452
2631	26.30	-12.173	-10.255	-6.588	-1.652	4.419	9.938	13.935	15.525	14.424	11.076
2641	26.40	6.526	2.058	-1.252	-2.887	-3.001	-2.257	-1.462	-1.190	-1.554	-2.225
2651	26.50	-2.672	-2.693	-1.652	-0.529	0.264	0.181	-0.987	-2.998	-5.259	-7.078
2661	26.60	-7.947	-7.733	-6.693	-5.331	-4.189	-3.651	-3.848	-4.666	-5.825	-6.972
2671	26.70	-7.751	-7.845	-7.021	-5.192	-2.496	0.666	3.659	5.751	6.330	5.126
2681	26.80	2.344	-1.366	-5.080	-7.900	-9.207	-8.824	-7.019	-4.363	-1.527	0.899
2691	26.90	2.520	3.167	2.881	1.880	0.537	-0.660	-1.197	-0.672	1.033	3.623
2701	27.00	6.393	8.394	8.737	6.930	3.110	-1.940	-7.021	-10.912	-12.772	-12.404
2711	27.10	-10.282	-7.538	-4.619	-2.958	-2.759	-3.968	-6.166	-8.734	-10.999	-12.333
2721	27.20	-12.232	-10.386	-6.785	-1.811	3.750	8.825	12.314	13.437	12.021	8.604
2731	27.30	4.288	0.377	-2.074	-2.606	-1.661	0.579	2.558	3.727	3.799	2.974
2741	27.40	1.759	0.698	0.154	0.228	0.827	1.816	3.123	4.749	6.676	8.735
2751	27.50	10.549	11.606	11.443	9.872	7.115	3.776	0.653	-1.552	-2.472	-2.179
2761	27.60	-1.096	0.253	1.293	1.995	2.252	2.544	2.955	3.245	3.865	4.439
2771	27.70	6.829	5.021	5.146	5.414	6.019	7.042	8.420	9.969	11.441	12.580
2781	27.80	13.151	12.948	11.810	9.656	6.550	2.760	-1.238	-4.836	-7.448	-8.624
2791	27.90	-8.538	-7.317	-5.624	-4.109	-3.254	-3.230	-3.880	-4.866	-5.746	-6.352
2801	28.00	-6.659	-6.832	-7.074	-7.468	-7.894	-8.049	-7.580	-6.249	-4.072	-1.357
2811	28.10	1.378	3.570	4.794	4.890	3.991	2.448	0.693	-0.905	-2.127	-2.916
2821	28.20	-3.331	-3.649	-3.405	-3.176	-2.806	-2.343	-1.673	-1.527	-1.375	-1.422
2831	28.30	-1.567	-1.640	-1.490	-1.089	-0.576	-0.238	-0.392	-1.239	-2.735	-4.566
2841	28.40	-6.231	-7.215	-7.183	-6.099	-4.228	-2.014	0.095	1.808	3.051	3.919
2851	28.50	4.551	5.010	5.228	5.053	4.359	3.161	1.653	0.152	-1.030	-1.715
2861	28.60	-1.915	-1.794	-1.535	-1.225	-0.794	-0.079	1.027	2.428	3.765	4.499
2871	28.70	4.124	2.610	-0.443	-3.822	-6.896	-8.924	-9.530	-8.831	-7.354	-5.842
2881	28.80	-4.860	-4.671	-5.128	-5.797	-6.184	-5.953	-5.057	-3.718	-2.308	-1.175
2891	28.90	-0.507	-0.285	-0.324	-0.363	-0.182	0.325	1.117	2.020	2.771	3.089
2901	29.00	2.762	1.726	0.132	-1.645	-3.071	-3.589	-2.805	-0.648	2.561	6.170
2911	29.10	9.380	11.502	12.173	11.462	9.818	7.884	6.257	5.297	5.041	5.264
2921	29.20	5.621	5.811	5.687	5.273	4.710	4.163	3.760	3.575	3.656	4.055
2931	29.30	4.832	6.011	7.516	9.118	10.459	11.137	10.858	9.561	7.484	5.100
2941	29.40	2.967	1.518	0.902	0.933	1.170	1.109	0.387	-1.068	-3.016	-5.019
2951	29.50	-6.633	-7.592	-7.911	-7.850	-7.786	-7.981	-8.503	-9.122	-9.439	-9.067
2961	29.60	-7.824	-5.857	-3.622	-1.738	-0.760	-0.971	-2.275	-4.234	-6.224	-7.655
2971	29.70	-8.160	-7.686	-6.459	-4.664	-3.289	-2.002	-1.109	-0.586	-0.348	-0.315
2981	29.80	-0.441	-0.693	-1.019	-1.321	-1.467	-1.336	-0.879	-0.150	0.706	1.499
2991	29.90	2.084	2.306	2.201	1.768	1.019	-0.056	-1.469	-3.168	-4.979	-6.588

Table 7—9—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-7.607	-7.694	-6.710	-6.809	-2.434	-0.192	1.347	1.858	1.374	0.272
3011	30.10	-0.879	-1.541	-1.402	-0.482	0.901	2.272	3.191	3.405	2.912	1.924
3021	30.20	0.747	-0.342	-1.191	-1.792	-2.238	-2.651	-3.102	-3.581	-3.992	-4.193
3031	30.30	-4.051	-3.486	-2.512	-1.248	0.093	1.241	1.933	1.992	1.398	0.323
3041	30.40	-0.888	-1.815	-2.091	-1.568	-0.298	1.282	2.668	3.379	3.165	2.118
3051	30.50	0.657	-0.611	-1.110	-0.510	1.152	3.486	5.891	7.768	8.726	8.696
3061	30.60	7.922	6.868	5.935	5.503	5.639	6.191	6.854	7.288	7.238	6.607
3071	30.70	5.472	4.048	2.619	1.460	0.764	0.599	0.899	1.489	2.141	2.653
3081	30.80	2.909	2.926	2.835	2.830	3.074	3.612	4.332	4.983	5.265	4.948
3091	30.90	3.973	2.497	0.851	-0.573	-1.458	-1.675	-1.317	-0.652	-0.003	0.377
3101	31.00	0.394	0.129	-0.219	-0.438	-0.400	-0.110	0.304	0.655	0.784	0.616
3111	31.10	0.188	-0.388	-0.975	-1.468	-1.816	-2.019	-2.096	-2.054	-1.870	-1.511
3121	31.20	-0.960	-0.252	0.510	1.172	1.567	1.572	1.443	0.334	-0.726	-1.870
3131	31.30	-2.941	-3.825	-4.467	-4.855	-5.009	-4.955	-4.719	-4.328	-3.820	-3.247
3141	31.40	-2.669	-2.149	-1.737	-1.471	-1.379	-1.495	-1.855	-2.488	-3.375	-4.415
3151	31.50	-5.403	-6.056	-6.088	-5.317	-3.774	-1.746	0.273	1.721	2.165	1.469
3161	31.60	-0.120	-2.042	-3.609	-4.256	-3.744	-2.251	-0.285	1.517	2.646	2.903
3171	31.70	2.440	1.653	0.975	0.673	0.749	0.969	1.020	0.690	-0.006	-0.832
3181	31.80	-1.454	-1.620	-1.312	-0.778	-0.434	-0.670	-1.657	-3.243	-4.980	-6.286
3191	31.90	-6.662	-5.872	-4.027	-1.533	1.051	3.190	4.513	4.879	4.351	3.139
3201	32.00	1.509	-0.262	-1.929	-3.286	-4.180	-4.543	-4.408	-3.921	-3.315	-2.850
3211	32.10	-2.732	-3.045	-3.719	-4.557	-5.300	-5.717	-5.778	-5.189	-4.375	-3.429
3221	32.20	-2.542	-1.852	-1.407	-1.173	-1.058	-0.955	-0.780	-0.499	-0.146	0.207
3231	32.30	0.444	0.480	0.290	-0.061	-0.416	-0.559	-0.281	0.537	1.864	3.488
3241	32.40	5.060	6.190	6.570	6.094	4.922	3.459	2.249	1.808	2.458	4.213
3251	32.50	6.764	9.567	12.015	13.634	14.224	13.902	13.035	12.076	11.376	11.051
3261	32.60	10.745	10.715	9.999	8.600	6.599	4.356	2.395	1.197	1.011	1.738
3271	32.70	2.945	4.010	4.335	3.555	1.652	-1.045	-3.994	-6.630	-8.544	-9.592
3281	32.80	-9.886	-9.698	-9.310	-8.892	-8.443	-7.829	-6.880	-5.522	-3.857	-2.183
3291	32.90	-0.911	-0.429	-0.951	-2.405	-4.422	-6.413	-7.735	-7.891	-6.685	-4.304
3301	33.00	-1.278	1.662	3.789	4.583	3.872	1.868	-0.909	-3.795	-6.166	-7.600
3311	33.10	-7.956	-7.365	-6.142	-4.661	-3.239	-2.072	-1.225	-0.669	-0.345	-0.208
3321	33.20	-0.246	-0.963	-0.846	-1.338	-1.827	-2.166	-2.214	-1.870	-1.104	0.039
3331	33.30	1.447	2.965	4.419	5.633	6.455	6.771	6.545	5.829	4.766	3.564
3341	33.40	2.441	1.555	0.956	0.573	0.254	-0.145	-0.673	-1.229	-1.573	-1.412
3351	33.50	-0.525	1.121	3.314	5.633	7.570	8.689	8.770	7.879	6.345	4.647
3361	33.60	3.262	2.526	2.547	3.194	4.150	5.018	5.429	5.142	4.116	2.528
3371	33.70	0.750	-0.737	-1.464	-1.123	0.314	2.543	4.973	6.879	7.607	6.790
3381	33.80	4.471	1.106	-2.574	-5.787	-7.936	-8.760	-8.368	-7.138	-5.550	-4.015
3391	33.90	-2.763	-1.840	-1.174	-0.678	-0.324	-0.160	-0.278	-0.739	-1.530	-2.556
3401	34.00	-3.680	-4.788	-5.828	-6.813	-7.773	-8.690	-9.448	-9.866	-9.665	-8.769
3411	34.10	-7.199	-5.208	-3.210	-1.657	-0.890	-1.019	-1.876	-3.072	-4.130	-4.663
3421	34.20	-4.399	-3.633	-1.985	-0.398	1.016	2.070	2.735	3.112	3.351	3.565
3431	34.30	3.784	3.948	3.958	3.736	3.279	2.678	2.087	1.668	1.531	1.696
3441	34.40	2.092	2.600	3.098	3.515	3.846	4.137	4.450	4.814	5.193	5.484
3451	34.50	5.565	5.240	4.488	3.302	1.795	0.166	-1.342	-2.491	-3.092	-3.050
3461	34.60	-2.380	-1.214	0.222	1.638	2.737	3.281	3.144	2.354	1.105	-0.280
3471	34.70	-1.419	-1.970	-1.724	-0.662	1.031	3.021	4.916	6.368	7.160	7.233
3481	34.80	6.672	5.665	4.336	2.909	1.489	0.191	-0.861	-1.534	-1.722	-1.405
3491	34.90	-0.710	0.077	0.565	0.369	-0.754	-2.796	-5.471	-8.285	-10.682	-12.211

Table 7—9—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-12.657	-12.087	-10.799	-9.209	-7.722	-6.628	-6.068	-6.035	-6.421	-7.059
3511	35.10	-7.753	-8.296	-8.512	-8.270	-7.553	-6.482	-5.309	-4.347	-3.870	-4.004
3521	35.20	-4.667	-5.583	-6.383	-6.736	-6.474	-5.634	-4.421	-3.105	-1.903	-0.908
3531	35.30	-0.088	0.648	1.366	2.058	2.654	3.094	3.409	3.768	4.437	5.671
3541	35.40	7.571	10.008	12.571	14.719	15.936	15.917	14.680	12.565	10.119	7.921
3551	35.50	6.411	5.778	5.952	6.669	7.587	8.396	8.890	8.984	8.697	8.109
3561	35.60	7.313	6.396	5.421	4.432	3.467	2.567	1.786	1.184	0.816	0.700
3571	35.70	0.795	0.989	1.117	1.005	0.543	-0.261	-1.250	-2.154	-2.673	-2.590
3581	35.80	-1.861	-0.657	0.682	1.749	2.202	1.873	0.815	-0.736	-2.440	-3.969
3591	35.90	-5.091	-5.714	-5.883	-5.742	-5.486	-5.314	-5.391	-5.812	-6.565	-7.519
3601	36.00	-8.432	-8.997	-8.937	-8.107	-6.576	-4.638	-2.745	-1.367	-0.834	-1.218
3611	36.10	-2.306	-3.677	-4.852	-5.460	-5.368	-4.603	-3.482	-2.292	-1.282	-0.576
3621	36.20	-0.188	-0.076	-0.202	-0.559	-1.160	-1.978	-2.907	-3.756	-4.294	-4.337
3631	36.30	-3.834	-2.898	-1.781	-0.782	-0.132	0.082	-0.060	-0.368	-0.637	-0.745
3641	36.40	-0.705	-0.636	-0.694	-0.965	-1.404	-1.823	-1.958	-1.574	-0.568	0.972
3651	36.50	2.783	4.506	5.804	6.462	6.461	5.865	4.951	3.926	2.951	2.098
3661	36.60	1.364	0.731	0.216	-0.104	-0.110	0.311	1.205	2.511	4.069	5.657
3671	36.70	7.068	8.166	8.921	9.391	9.676	9.859	9.964	9.953	9.755	9.315
3681	36.80	8.632	7.772	6.837	5.923	5.076	4.277	3.466	2.599	1.698	0.886
3691	36.90	0.362	0.335	0.924	2.082	3.561	4.958	5.817	5.774	4.685	2.689
3701	37.00	0.185	-2.277	-4.158	-5.087	-4.969	-3.997	-2.567	-1.143	-0.104	0.366
3711	37.10	0.298	-0.112	-0.613	-1.010	-1.224	-1.302	-1.358	-1.498	-1.763	-2.119
3721	37.20	-2.494	-2.838	-3.172	-3.584	-4.180	-5.012	-6.019	-7.021	-7.773	-8.062
3731	37.30	-7.794	-7.046	-6.029	-5.008	-4.196	-3.687	-3.466	-3.370	-3.373	-3.444
3741	37.40	-3.654	-4.096	-4.796	-5.444	-6.398	-6.759	-6.494	-5.550	-4.095	-2.463
3751	37.50	-1.030	-0.057	0.400	0.501	0.529	0.748	1.229	2.052	2.854	3.448
3761	37.60	3.697	3.631	3.435	3.369	3.534	3.987	4.521	4.841	4.672	3.883
3771	37.70	2.550	0.925	-0.661	-1.923	-2.728	-3.120	-3.295	-3.412	-3.690	-4.152
3781	37.80	-4.719	-5.249	-5.597	-5.684	-5.508	-5.135	-4.665	-4.096	-3.497	-2.819
3791	37.90	-2.020	-1.080	-0.018	1.111	2.230	3.263	4.155	4.856	5.341	5.576
3801	38.00	5.533	5.194	4.573	3.719	2.717	1.682	0.633	-0.322	-1.191	-1.976
3811	38.10	-2.662	-3.199	-3.501	-3.685	-3.113	-2.462	-1.633	-0.922	-0.552	-0.693
3821	38.20	-1.383	-2.510	-3.868	-5.128	-6.120	-6.690	-6.810	-6.543	-5.986	-5.233
3831	38.30	-4.343	-3.350	-2.273	-1.148	-0.027	1.016	1.908	2.587	3.014	3.182
3841	38.40	3.114	2.872	2.562	2.332	2.344	2.733	3.550	4.714	6.018	7.166
3851	38.50	7.875	7.972	7.475	6.593	5.654	4.989	4.802	5.101	5.710	6.358
3861	38.60	6.799	6.913	6.740	6.428	6.134	5.923	5.722	5.350	4.604	3.374
3871	38.70	1.708	-0.186	-2.004	-3.457	-4.359	-4.670	-4.472	-3.915	-3.148	-2.290
3881	38.80	-1.436	-0.687	-0.174	-0.045	-0.416	-1.309	-2.602	-4.044	-5.322	-6.168
3891	38.90	-6.456	-6.249	-5.767	-5.296	-5.074	-5.196	-5.592	-6.057	-6.344	-6.253
3901	39.00	-5.693	-4.695	-3.391	-1.955	-0.567	0.626	1.522	2.070	2.280	2.226
3911	39.10	2.046	1.912	1.981	2.338	2.953	3.674	4.269	4.516	4.282	3.590
3921	39.20	2.616	1.632	0.909	0.624	0.810	1.361	2.085	2.786	3.327	3.660
3931	39.30	3.812	3.845	3.815	3.744	3.622	3.424	3.130	2.741	2.275	1.764
3941	39.40	1.282	0.743	0.307	-0.020	-0.195	-0.193	-0.030	0.227	0.465	0.559
3951	39.50	0.409	-0.021	-0.690	-1.698	-2.324	-3.067	-3.675	-4.139	-4.472	-4.669
3961	39.60	-4.690	-4.461	-3.917	-3.043	-1.911	-0.683	0.432	1.240	1.630	1.616
3971	39.70	1.325	0.953	0.689	0.650	0.856	1.230	1.669	2.078	2.425	2.741
3981	39.80	3.085	3.498	3.961	4.386	4.645	4.624	4.278	3.652	2.867	2.067
3991	39.90	1.357	0.759	0.214	-0.380	-1.095	-1.921	-2.742	-3.373	-3.625	-3.389

Table 7—9—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.681	-1.652	-0.526	0.459	1.117	1.482	1.507	1.316	1.002	0.614
4011	40.10	0.155	-0.397	-1.052	-1.776	-2.479	-3.038	-3.320	-3.227	-2.717	-1.822
4021	40.20	-0.653	0.621	1.790	2.650	3.052	2.950	2.431	1.704	1.044	0.706
4031	40.30	0.838	1.427	2.305	3.223	3.952	4.372	4.506	4.485	4.460	4.507
4041	40.40	4.580	4.527	4.167	3.392	2.225	0.816	-0.622	-1.911	-2.971	-3.827
4051	40.50	-4.553	-5.191	-5.705	-5.987	-5.950	-5.615	-5.179	-4.972	-5.341	-6.480
4061	40.60	-8.311	-10.462	-12.390	-13.571	-13.716	-12.875	-11.416	-9.871	-8.727	-8.254
4071	40.70	-8.439	-9.044	-9.742	-10.261	-10.467	-10.357	-9.996	-9.435	-8.680	-7.708
4081	40.80	-6.523	-5.201	-3.884	-2.715	-1.753	-0.911	0.027	1.310	3.091	5.317
4091	40.90	7.710	9.849	11.333	11.934	11.688	10.865	9.845	8.959	8.364	8.017
4101	41.00	7.765	7.368	6.814	6.159	5.582	5.263	5.279	5.560	5.919	6.140
4111	41.10	6.084	5.739	5.216	4.675	4.238	3.936	3.706	3.446	3.091	2.654
4121	41.20	2.220	1.894	1.727	1.672	1.604	1.376	0.911	0.250	-0.458	-1.020
4131	41.30	-1.306	-1.320	-1.208	-1.186	-1.423	-1.937	-2.564	-3.010	-2.981	-2.329
4141	41.40	-1.133	0.314	1.614	2.425	2.598	2.223	1.578	0.991	0.702	0.770
4151	41.50	1.079	1.425	1.632	1.644	1.537	1.451	1.490	1.635	1.726	1.525
4161	41.60	0.838	-0.372	-1.936	-3.514	-4.703	-5.184	-4.832	-3.749	-2.225	-0.632
4171	41.70	0.697	1.548	1.869	1.744	1.349	0.889	0.568	0.457	0.674	1.174
4181	41.80	1.855	2.561	3.119	3.395	3.336	2.996	2.514	2.060	1.765	1.663
4191	41.90	1.677	1.656	1.444	0.956	0.226	-0.599	-1.317	-1.750	-1.816	-1.559
4201	42.00	-1.132	-0.736	-0.568	-0.666	-1.089	-1.729	-2.455	-3.141	-3.700	-4.100
4211	42.10	-4.354	-4.501	-4.584	-4.626	-4.629	-4.575	-4.444	-4.236	-3.981	-3.746
4221	42.20	-3.617	-3.670	-3.928	-4.339	-4.767	-5.025	-4.924	-4.341	-3.261	-1.796
4231	42.30	-0.145	1.440	2.738	3.598	3.961	3.854	3.356	2.577	1.635	0.648
4241	42.40	-0.272	-1.029	-1.558	-1.844	-1.926	-1.883	-1.800	-1.728	-1.654	-1.498
4251	42.50	-1.147	-0.509	0.443	1.637	2.927	4.129	5.088	5.719	6.025	6.079
4261	42.60	5.988	5.848	5.724	5.641	5.593	5.558	5.502	5.391	5.192	4.888
4271	42.70	4.496	4.075	3.727	3.554	3.619	3.885	4.207	4.355	4.098	3.293
4281	42.80	1.966	0.324	-1.303	-2.577	-3.274	-3.364	-3.012	-2.499	-2.103	-1.988
4291	42.90	-2.155	-2.475	-2.772	-2.919	-2.899	-2.785	-2.679	-2.624	-2.553	-2.310
4301	43.00	-1.728	-0.740	0.548	1.858	2.823	3.126	2.628	1.433	-0.148	-1.712
4311	43.10	-2.911	-3.571	-3.721	-3.546	-3.277	-3.079	-2.998	-2.974	-2.912	-2.766
4321	43.20	-2.591	-2.525	-2.721	-3.249	-4.043	-4.896	-5.533	-5.715	-5.339	-4.484
4331	43.30	-3.381	-2.325	-1.568	-1.238	-1.303	-1.609	-1.951	-2.150	-2.105	-1.809
4341	43.40	-1.326	-0.749	-0.168	0.355	0.783	1.099	1.297	1.385	1.389	1.351
4351	43.50	1.332	1.390	1.564	1.856	2.226	2.606	2.915	3.082	3.055	2.815
4361	43.60	2.372	1.765	1.068	0.387	-0.150	-0.410	-0.291	0.236	1.099	2.124
4371	43.70	3.062	3.656	3.708	3.145	2.039	0.592	-0.925	-2.241	-3.161	-3.596
4381	43.80	-3.558	-3.152	-2.506	-1.740	-0.945	-0.173	0.545	1.188	1.736	2.170
4391	43.90	2.486	2.696	2.835	2.944	3.058	3.181	3.283	3.301	3.164	2.819
4401	44.00	2.254	1.515	0.698	-0.071	-0.671	-1.022	-1.106	-0.968	-0.708	-0.438
4411	44.10	-0.248	-0.175	-0.193	-0.223	-0.171	0.033	0.388	0.869	1.341	1.701
4421	44.20	1.373	1.850	1.695	1.510	1.387	1.366	1.414	1.444	1.355	1.092
4431	44.30	0.673	0.184	-0.256	-0.558	-0.708	-0.778	-0.891	-1.154	-1.596	-2.137
4441	44.40	-2.605	-2.805	-2.601	-1.980	-1.065	-0.070	0.776	1.312	1.493	1.392
4451	44.50	1.145	0.894	0.726	0.657	0.668	0.642	0.599	0.517	0.418	0.329
4461	44.60	0.267	0.232	0.226	0.266	0.395	0.669	1.123	1.735	2.407	2.978
4471	44.70	3.262	3.107	2.647	1.335	-0.069	-1.528	-2.789	-3.633	-3.925	-3.641
4481	44.80	-2.877	-1.833	-0.776	0.010	0.296	-0.034	-0.944	-2.248	-3.657	-4.855
4491	44.90	-5.597	-5.765	-5.401	-4.679	-3.842	-3.133	-2.734	-2.739	-3.149	-3.892

Table 7—9—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.842	-5.833	-6.686	-7.229	-7.334	-6.959	-6.172	-5.148	-4.125	-3.332
4511	45.10	-2.914	-2.886	-3.131	-3.459	-3.679	-3.675	-3.435	-3.038	-2.599	-2.208
4521	45.20	-1.093	-1.623	-1.339	-0.998	-0.600	-0.182	0.209	0.558	0.898	1.299
4531	45.30	1.831	2.525	3.351	4.225	5.044	5.731	6.260	6.652	6.955	7.202
4541	45.40	7.397	7.513	7.526	7.436	7.286	7.144	7.067	7.065	7.088	7.063
4551	45.50	6.841	6.448	5.914	5.356	4.914	4.682	4.667	4.779	4.869	4.794
4561	45.60	4.482	3.957	3.329	2.742	2.310	2.073	1.984	1.940	1.831	1.592
4571	45.70	1.225	0.793	0.387	0.081	-0.097	-0.170	-0.197	-0.240	-0.331	-0.460
4581	45.80	-0.580	-0.636	-0.595	-0.469	-0.313	-0.209	-0.226	-0.383	-0.640	-0.903
4591	45.90	-1.060	-1.029	-0.797	-0.433	-0.064	0.170	0.171	-0.075	-0.500	-0.975
4601	46.00	-1.374	-1.614	-1.691	-1.671	-1.646	-1.695	-1.838	-2.030	-2.182	-2.204
4611	46.10	-2.049	-1.734	-1.339	-0.980	-0.768	-0.777	-1.019	-1.448	-1.923	-2.484
4621	46.20	-2.882	-3.099	-3.120	-2.991	-2.805	-2.684	-2.734	-3.011	-3.492	-4.073
4631	46.30	-4.594	-4.899	-4.883	-4.538	-3.951	-3.277	-2.677	-2.269	-2.094	-2.123
4641	46.40	-2.287	-2.523	-2.800	-3.123	-3.510	-3.956	-4.411	-4.775	-4.934	-4.801
4651	46.50	-4.359	-3.679	-2.899	-2.182	-1.656	-1.371	-1.278	-1.247	-1.114	-0.733
4661	46.60	-0.035	0.953	2.102	3.226	4.136	4.703	4.896	4.796	4.554	4.335
4671	46.70	4.241	4.268	4.312	4.212	3.843	3.197	2.415	1.766	1.546	1.967
4681	46.80	3.051	4.595	6.228	7.521	8.132	7.913	6.944	5.689	3.893	2.472
4691	46.90	1.426	0.820	0.606	0.674	0.901	1.176	1.401	1.485	1.344	0.914
4701	47.00	0.183	-0.798	-1.917	-3.033	-4.019	-4.804	-5.384	-5.803	-6.116	-6.362
4711	47.10	-6.543	-6.647	-6.669	-6.636	-6.598	-6.607	-6.667	-6.723	-6.663	-6.373
4721	47.20	-5.794	-4.983	-4.008	-3.101	-2.371	-1.842	-1.418	-0.930	-0.220	0.765
4731	47.30	1.935	3.079	3.958	4.408	4.415	4.125	3.774	3.581	3.661	3.975
4741	47.40	4.379	4.599	4.836	4.816	4.778	4.899	5.299	5.972	6.772	7.476
4751	47.50	7.869	7.860	7.747	6.751	6.044	5.458	5.057	4.795	4.547	4.183
4761	47.60	3.621	2.859	1.966	1.036	0.149	-0.664	-1.418	-2.149	-2.884	-3.614
4771	47.70	-4.295	-4.861	-5.247	-5.416	-5.355	-5.076	-4.607	-3.983	-3.255	-2.504
4781	47.80	-1.845	-1.411	-1.322	-1.635	-2.301	-3.160	-3.988	-4.665	-4.459	-3.890
4791	47.90	-2.851	-1.553	-0.253	0.834	1.593	2.026	2.216	2.271	2.266	2.225
4801	48.00	2.130	1.968	1.785	1.602	1.581	1.775	2.172	2.650	3.010	3.036
4811	48.10	2.588	1.658	0.390	-0.985	-2.135	-2.910	-3.210	-3.093	-2.728	-2.320
4821	48.20	-2.050	-2.017	-2.232	-2.622	-3.070	-3.457	-3.694	-3.749	-3.649	-3.668
4831	48.30	-3.299	-3.218	-3.251	-3.359	-3.449	-3.609	-3.763	-3.708	-3.131	-2.581
4841	48.40	-1.206	-1.088	-1.199	-1.402	-1.499	-1.315	-0.767	0.097	1.112	2.081
4851	48.50	2.804	3.186	3.233	3.033	2.710	2.378	2.118	1.921	1.954	2.067
4861	48.60	2.290	2.567	2.805	2.885	2.696	2.188	1.404	0.477	-0.407	-1.081
4871	48.70	-1.461	-1.568	-1.513	-1.430	-1.410	-1.462	-1.522	-1.504	-1.366	-1.147
4881	48.80	-0.956	-0.912	-1.074	-1.383	-1.675	-1.740	-1.415	-0.663	0.402	1.555
4891	48.90	2.546	3.198	3.459	3.408	3.197	2.983	2.862	2.853	2.917	2.995
4901	49.00	3.050	3.076	3.091	3.114	3.146	3.174	3.185	3.176	3.166	3.167
4911	49.10	3.184	3.182	3.103	2.899	2.562	2.146	1.753	1.686	1.592	1.453
4921	49.20	1.548	1.557	1.407	1.128	0.854	0.765	0.990	1.533	2.241	2.854
4931	49.30	3.108	2.845	2.081	0.989	-0.178	-1.207	-2.014	-2.657	-3.279	-4.004
4941	49.40	-4.642	-5.654	-6.209	-6.294	-5.828	-4.934	-3.906	-3.101	-2.810	-3.130
4951	49.50	-3.940	-4.954	-5.819	-6.592	-6.520	-6.337	-6.045	-5.830	-5.780	-5.849
4961	49.60	-5.894	-5.746	-5.298	-4.544	-3.580	-2.560	-1.627	-0.876	-0.331	0.033
4971	49.70	0.260	0.379	0.398	0.312	0.124	-0.138	-0.419	-0.651	-0.773	-0.748
4981	49.80	-0.576	-0.279	0.105	0.540	0.998	1.454	1.880	2.245	2.518	2.671
4991	49.90	2.700	2.623	2.480	2.327	2.216	2.189	2.268	2.461	2.758	3.142

Table 7—9—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.587	4.054	4.502	4.881	5.154	5.301	5.336	5.303	5.267	5.292
5011	50.10	5.415	5.618	5.829	5.927	5.778	5.283	4.420	3.268	2.003	0.857
5021	50.20	0.066	-0.296	-0.172	0.270	0.778	1.080	0.970	0.385	-0.581	-1.711
5031	50.30	-2.747	-3.484	-3.835	-3.868	-3.669	-3.471	-3.378	-3.427	-3.561	-3.676
5041	50.40	-3.671	-3.493	-3.156	-2.723	-2.270	-1.856	-1.509	-1.230	-1.011	-0.850
5051	50.50	-0.751	-0.714	-0.715	-0.703	-0.610	-0.372	0.038	0.595	1.231	1.850
5061	50.60	2.368	2.736	2.945	3.018	2.989	2.889	2.748	2.597	2.483	2.465
5071	50.70	2.593	2.880	3.271	3.665	3.835	3.687	3.119	2.161	0.961	-0.251
5081	50.80	-1.230	-1.787	-1.864	-1.448	-0.753	0.028	0.677	1.026	0.989	0.576
5091	50.90	-0.115	-0.919	-1.666	-2.133	-2.278	-2.080	-1.632	-1.093	-0.636	-0.381
5101	51.00	-0.359	-0.500	-0.669	-0.721	-0.564	-0.203	0.266	0.688	0.909	0.827
5111	51.10	0.423	-0.244	-1.064	-1.918	-2.709	-3.378	-3.902	-4.279	-4.520	-4.640
5121	51.20	-4.655	-4.590	-4.478	-4.356	-4.259	-4.230	-4.302	-4.504	-4.856	-5.348
5131	51.30	-5.931	-6.500	-6.902	-6.972	-6.576	-5.675	-4.357	-2.835	-1.399	-0.337
5141	51.40	0.158	0.059	-0.527	-1.303	-1.973	-2.260	-2.101	-1.476	-0.582	0.325
5151	51.50	0.992	1.238	0.993	0.308	-0.677	-1.765	-2.752	-3.458	-3.760	-3.603
5161	51.60	-3.210	-2.080	-0.971	0.127	1.032	1.613	1.826	1.722	1.437	1.143
5171	51.70	0.996	1.078	1.377	1.720	2.173	2.601	2.623	2.289	2.128	2.096
5181	51.80	2.306	2.767	3.369	3.922	4.224	4.145	3.690	3.002	2.314	1.908
5191	51.90	1.923	2.395	3.194	4.081	4.789	5.118	4.992	4.482	3.770	3.085
5201	52.00	2.625	2.503	2.717	3.161	3.668	4.063	4.214	4.068	3.656	3.079
5211	52.10	2.478	1.989	1.712	1.688	1.899	2.282	2.754	3.236	3.671	4.022
5221	52.20	4.273	4.445	4.445	4.366	4.184	3.925	3.619	3.303	3.005	2.748
5231	52.30	2.546	2.420	2.399	2.520	2.813	3.221	3.825	4.346	4.669	4.660
5241	52.40	4.186	3.366	2.282	1.229	0.617	-0.007	-0.055	0.209	0.518	0.985
5251	52.50	0.576	0.175	-0.430	-1.095	-1.684	-2.113	-2.374	-2.514	-2.607	-2.723
5261	52.60	-2.913	-3.215	-3.658	-4.258	-5.005	-5.861	-6.652	-7.283	-7.589	-7.487
5271	52.70	-7.008	-6.302	-5.591	-5.101	-4.970	-5.205	-5.685	-6.215	-6.610	-6.769
5281	52.80	-6.695	-6.473	-6.207	-5.956	-5.701	-5.360	-4.842	-4.107	-3.203	-2.263
5291	52.90	-1.451	-0.901	-0.663	-0.690	-0.867	-1.066	-1.200	-1.249	-1.254	-1.273
5301	53.00	-1.352	-1.492	-1.659	-1.806	-1.903	-1.953	-1.982	-2.018	-2.060	-2.067
5311	53.10	-1.975	-1.724	-1.293	-0.717	-0.076	0.568	1.089	1.548	1.978	2.457
5321	53.20	3.042	3.736	4.469	5.124	5.583	5.775	5.702	5.466	5.127	4.861
5331	53.30	4.714	4.684	4.710	4.707	4.609	4.394	4.092	3.764	3.469	3.239
5341	53.40	3.065	2.903	2.699	2.413	2.035	1.580	1.074	0.531	-0.055	-0.708
5351	53.50	-1.453	-2.288	-3.170	-4.013	-4.706	-5.169	-5.284	-5.116	-4.718	-4.209
5361	53.60	-3.725	-3.380	-3.239	-3.306	-3.520	-3.773	-3.935	-3.881	-3.528	-2.859
5371	53.70	-1.937	-0.893	0.101	0.884	1.354	1.497	1.390	1.170	0.980	0.911
5381	53.80	0.976	1.112	1.219	1.217	1.086	0.881	0.703	0.650	0.764	1.008
5391	53.90	1.277	1.447	1.430	1.217	0.877	0.528	0.285	0.207	0.284	0.447
5401	54.00	0.611	0.717	0.758	0.775	0.826	0.953	1.154	1.379	1.559	1.634
5411	54.10	1.591	1.466	1.339	1.299	1.415	1.708	2.150	2.669	3.175	3.582
5421	54.20	3.831	3.899	3.801	3.578	3.288	2.982	2.696	2.463	2.212	1.987
5431	54.30	1.753	1.512	1.282	1.084	0.931	0.812	0.699	0.554	0.357	0.117
5441	54.40	-0.120	-0.294	-0.359	-0.319	-0.255	-0.214	-0.367	-0.763	-1.391	-2.153
5451	54.50	-2.888	-3.425	-3.638	-3.482	-3.006	-2.330	-1.607	-0.976	-0.530	-0.299
5461	54.60	-0.252	-0.313	-0.381	-0.359	-0.184	0.151	0.590	1.020	1.301	1.315
5471	54.70	1.006	0.399	-0.386	-1.189	-1.855	-2.288	-2.476	-2.482	-2.407	-2.345
5481	54.80	-2.346	-2.617	-2.534	-2.680	-2.861	-3.110	-3.458	-3.900	-4.377	-4.778
5491	54.90	-4.977	-4.881	-4.476	-3.836	-3.106	-2.454	-2.019	-1.867	-1.988	-2.301

Table 7—9—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.691	-3.035	-3.224	-3.180	-2.855	-2.242	-1.384	-0.371	0.667	1.582
5511	55.10	2.249	2.596	2.630	2.424	2.101	1.786	1.573	1.512	1.604	1.821
5521	55.20	2.120	2.454	2.771	3.010	3.109	3.016	2.715	2.241	1.688	1.176
5531	55.30	0.817	0.671	0.723	0.890	1.061	1.148	1.123	1.032	0.961	0.998
5541	55.40	1.181	1.477	1.799	2.045	2.143	2.086	1.930	1.765	1.668	1.676
5551	55.50	1.769	1.893	1.996	2.057	2.103	2.186	2.355	2.622	2.938	3.210
5561	55.60	3.333	3.231	2.891	2.368	1.769	1.213	0.792	0.551	0.481	0.535
5571	55.70	0.660	0.806	0.965	1.055	1.116	1.098	0.922	0.722	0.372	-0.007
5581	55.80	-0.301	-0.386	-0.172	0.352	1.101	1.902	2.541	2.828	2.653	2.024
5591	55.90	1.059	-0.056	-1.129	-2.016	-2.654	-3.061	-3.298	-3.430	-3.494	-3.493
5601	56.00	-3.412	-3.248	-3.036	-2.847	-2.767	-2.860	-3.126	-3.496	-3.844	-4.041
5611	56.10	-4.001	-3.730	-3.325	-2.945	-2.747	-2.825	-3.165	-3.641	-4.053	-4.195
5621	56.20	-3.927	-3.226	-2.197	-1.047	-0.013	0.704	1.005	0.913	0.560	0.133
5631	56.30	-0.197	-0.333	-0.282	-0.141	-0.051	-0.131	-0.618	-0.850	-1.280	-1.533
5641	56.40	-1.473	-1.056	-0.346	0.512	1.345	2.013	2.449	2.656	2.687	2.599
5651	56.50	2.425	2.172	1.851	1.506	1.235	1.175	1.452	2.112	3.082	4.164
5661	56.60	5.097	5.645	5.696	5.302	4.672	4.080	3.760	3.813	4.173	4.644
5671	56.70	4.991	5.042	4.751	4.205	3.567	2.989	2.546	2.214	1.898	1.504
5681	56.80	0.992	0.414	-0.121	-0.499	-0.667	-0.671	-0.640	-0.734	-1.069	-1.662
5691	56.90	-2.423	-3.185	-3.770	-4.056	-4.014	-3.716	-3.298	-2.908	-2.664	-2.623
5701	57.00	-2.777	-3.071	-3.425	-3.760	-4.023	-4.194	-4.288	-4.365	-4.412	-4.517
5711	57.10	-4.655	-4.783	-4.834	-4.755	-4.538	-4.239	-3.969	-3.856	-3.988	-4.148
5721	57.20	-4.852	-5.526	-5.604	-5.587	-5.284	-4.805	-4.307	-3.918	-3.678	-3.532
5731	57.30	-3.359	-3.046	-2.550	-1.918	-1.261	-0.692	-0.260	0.080	0.440	0.938
5741	57.40	1.628	2.457	3.284	3.943	4.319	4.410	4.323	4.222	4.251	4.462
5751	57.50	4.800	5.131	5.322	5.300	5.092	4.797	4.534	4.378	4.322	4.296
5761	57.60	4.213	4.022	3.749	3.481	3.321	3.332	3.498	3.729	3.898	3.899
5771	57.70	3.696	3.324	2.866	2.402	1.970	1.551	1.095	0.559	-0.055	-0.688
5781	57.80	-1.240	-1.615	-1.759	-1.684	-1.441	-1.187	-0.947	-0.792	-0.730	-0.740
5791	57.90	-0.798	-0.894	-1.038	-1.252	-1.548	-1.920	-2.331	-2.719	-3.010	-3.131
5801	58.00	-3.031	-2.692	-2.148	-1.484	-0.830	-0.336	-0.128	-0.272	-0.742	-1.420
5811	58.10	-2.131	-2.700	-3.012	-3.049	-2.890	-2.670	-2.512	-2.473	-2.525	-2.572
5821	58.20	-2.507	-2.270	-1.883	-1.434	-1.033	-0.751	-0.576	-0.420	-0.160	0.294
5831	58.30	0.946	1.702	2.406	2.912	3.146	3.163	3.019	2.918	2.936	3.080
5841	58.40	3.273	3.502	3.389	3.236	3.031	2.907	2.964	3.219	3.591	3.936
5851	58.50	4.122	4.099	3.927	3.751	3.579	3.453	3.397	3.423	3.514	3.509
5861	58.60	5.362	4.964	4.456	3.980	3.617	3.353	3.107	2.789	2.359	1.843
5871	58.70	1.407	1.102	0.995	1.035	1.085	0.585	0.624	-0.007	-0.810	-1.631
5881	58.80	-2.331	-2.847	-3.215	-3.532	-3.898	-4.350	-4.844	-5.269	-5.512	-5.512
5891	58.90	-5.294	-4.958	-4.621	-4.364	-4.191	-4.040	-3.819	-3.468	-2.996	-2.483
5901	59.00	-2.041	-1.764	-1.681	-1.746	-1.865	-1.936	-1.891	-1.712	-1.415	-1.031
5911	59.10	-0.575	-0.048	0.545	1.149	1.744	2.184	2.333	2.269	1.838	1.329
5921	59.20	0.837	0.474	0.285	0.224	0.195	0.102	-0.096	-0.369	-0.633	-0.806
5931	59.30	-0.854	-0.813	-0.774	-0.832	-1.025	-1.313	-1.584	-1.716	-1.636	-1.375
5941	59.40	-1.059	-0.871	-0.968	-1.416	-2.156	-3.022	-3.808	-4.340	-4.534	-4.417
5951	59.50	-4.098	-3.718	-3.391	-3.174	-3.064	-3.020	-2.999	-2.979	-2.963	-2.966
5961	59.60	-2.994	-3.029	-3.029	-2.943	-2.736	-2.402	-1.983	-1.540	-1.139	-0.824
5971	59.70	-0.602	-0.450	-0.322	-0.180	-0.001	0.213	0.445	0.676	0.902	1.130
5981	59.80	1.373	1.636	1.901	2.129	2.272	2.302	2.228	2.101	2.005	2.021
5991	59.90	2.196	2.519	2.931	3.343	3.683	3.923	4.086	4.224	4.385	4.568

Table 7—9—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.722	4.755	4.586	4.192	3.632	3.032	2.545	2.282	2.267	2.432
6011	60.10	2.648	2.787	2.779	2.640	2.449	2.301	2.241	2.237	2.186	1.961
6021	60.20	1.490	0.795	-0.001	-0.717	-1.181	-1.311	-1.139	-0.802	-0.481	-0.326
6031	60.30	-0.400	-0.662	-0.997	-1.273	-1.399	-1.358	-1.207	-1.041	-0.946	-0.969
6041	60.40	-1.061	-1.181	-1.236	-1.166	-0.961	-0.663	-0.349	-0.104	0.008	-0.029
6051	60.50	-0.185	-0.391	-0.567	-0.652	-0.624	-0.508	-0.365	-0.266	-0.262	-0.362
6061	60.60	-0.530	-0.697	-0.793	-0.779	-0.663	-0.499	-0.362	-0.316	-0.382	-0.536
6071	60.70	-0.712	-0.841	-0.880	-0.827	-0.725	-0.634	-0.602	-0.640	-0.720	-0.783
6081	60.80	-0.777	-0.676	-0.497	-0.292	-0.120	-0.021	0.007	0.008	0.054	0.206
6091	60.90	0.686	0.858	1.229	1.477	1.493	1.224	0.699	0.030	-0.614	-1.056
6101	61.00	-1.172	-0.928	-0.397	0.267	0.876	1.279	1.405	1.282	1.023	0.766
6111	61.10	0.623	0.629	0.739	0.853	0.862	0.705	0.394	0.009	-0.333	-0.527
6121	61.20	-0.520	-0.321	0.008	0.384	0.733	1.011	1.205	1.317	1.353	1.310
6131	61.30	1.185	0.979	0.716	0.443	0.215	0.082	0.067	0.156	0.307	0.464
6141	61.40	0.579	0.628	0.616	0.572	0.539	0.558	0.657	0.845	1.108	1.407
6151	61.50	1.691	1.905	2.002	1.968	1.822	1.619	1.426	1.300	1.258	1.265
6161	61.60	1.247	1.112	0.795	0.287	-0.357	-1.036	-1.637	-2.081	-2.367	-2.475
6171	61.70	-2.545	-2.642	-2.823	-3.104	-3.462	-3.650	-4.219	-4.533	-4.766	-4.896
6181	61.80	-4.917	-4.829	-4.651	-4.429	-4.231	-4.121	-4.133	-4.242	-4.365	-4.382
6191	61.90	-4.186	-3.733	-3.078	-2.359	-1.756	-1.414	-1.382	-1.581	-1.829	-1.909
6201	62.00	-1.658	-1.028	-0.112	0.896	1.776	2.362	2.601	2.557	2.371	2.190
6211	62.10	2.109	2.141	2.225	2.273	2.222	2.062	1.863	1.646	1.539	1.549
6221	62.20	1.655	1.803	1.935	2.034	2.096	2.151	2.239	2.295	2.360	2.299
6231	62.30	2.137	1.857	1.517	1.205	1.006	0.963	1.060	1.221	1.348	1.359
6241	62.40	1.219	0.955	0.639	0.358	0.183	0.152	0.264	0.495	0.812	1.181
6251	62.50	1.568	1.933	2.228	2.409	2.449	2.360	2.193	2.022	1.918	1.906
6261	62.60	1.950	1.957	1.815	1.442	0.830	0.063	-0.702	-1.295	-1.586	-1.537
6271	62.70	-1.213	-0.759	-0.346	-0.117	-0.161	-0.408	-0.837	-1.316	-1.730	-1.997
6281	62.80	-2.075	-1.968	-1.715	-1.377	-1.025	-0.719	-0.491	-0.336	-0.211	-0.055
6291	62.90	0.189	0.538	0.952	1.338	1.579	1.578	1.301	0.802	0.210	-0.312
6301	63.00	-0.623	-0.651	-0.417	-0.025	0.387	0.694	0.826	0.784	0.625	0.429
6311	63.10	0.261	0.149	0.079	0.013	-0.088	-0.241	-0.437	-0.645	-0.835	-0.994
6321	63.20	-1.134	-1.292	-1.513	-1.828	-2.239	-2.707	-3.158	-3.508	-3.680	-3.636
6331	63.30	-3.339	-3.000	-2.565	-2.186	-1.961	-1.862	-1.928	-2.073	-2.212	-2.269
6341	63.40	-2.200	-2.000	-1.707	-1.377	-1.063	-0.801	-0.598	-0.434	-0.274	-0.085
6351	63.50	0.152	0.433	0.737	1.029	1.277	1.462	1.586	1.671	1.750	1.857
6361	63.60	2.009	2.197	2.392	2.549	2.632	2.627	2.551	2.469	2.377	2.374
6371	63.70	2.452	2.581	2.707	2.774	2.766	2.625	2.449	2.273	2.144	2.078
6381	63.80	2.059	2.040	1.975	1.857	1.629	1.384	1.147	0.949	0.798	0.675
6391	63.90	0.548	0.389	0.192	-0.025	-0.227	-0.383	-0.478	-0.526	-0.560	-0.617
6401	64.00	-0.724	-0.884	-1.079	-1.279	-1.453	-1.585	-1.672	-1.723	-1.750	-1.760
6411	64.10	-1.754	-1.735	-1.715	-1.717	-1.774	-1.914	-2.146	-2.465	-2.751	-2.980
6421	64.20	-3.042	-2.876	-2.667	-1.859	-1.145	-0.446	0.119	0.465	0.561	0.426
6431	64.30	0.129	-0.239	-0.590	-0.851	-0.985	-0.984	-0.871	-0.685	-0.476	-0.294
6441	64.40	-0.181	-0.167	-0.260	-0.450	-0.703	-0.971	-1.199	-1.341	-1.366	-1.272
6451	64.50	-1.078	-0.824	-0.556	-0.315	-0.129	-0.008	0.056	0.087	0.114	0.167
6461	64.60	0.267	0.423	0.628	0.860	1.087	1.284	1.433	1.541	1.629	1.727
6471	64.70	1.862	2.040	2.244	2.436	2.572	2.621	2.573	2.446	2.273	2.094
6481	64.80	1.930	1.787	1.656	1.522	1.385	1.257	1.165	1.130	1.153	1.209
6491	64.90	1.248	1.213	1.062	0.785	0.411	-0.005	-0.398	-0.713	-0.924	-1.029

Table 7—9—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.047	-1.003	-0.923	-0.826	-0.728	-0.645	-0.595	-0.592	-0.645	-0.747
6511	65.10	-0.883	-1.033	-1.178	-1.311	-1.432	-1.547	-1.653	-1.740	-1.795	-1.805
6521	65.20	-1.775	-1.732	-1.710	-1.741	-1.833	-1.958	-2.059	-2.069	-1.942	-1.672
6531	65.30	-1.302	-0.910	-0.580	-0.375	-0.314	-0.375	-0.505	-0.651	-0.767	-0.832
6541	65.40	-0.835	-0.777	-0.662	-0.502	-0.327	-0.190	-0.152	-0.265	-0.536	-0.915
6551	65.50	-1.290	-1.526	-1.513	-1.214	-0.685	-0.061	0.496	0.864	1.008	0.996
6561	65.60	0.957	1.030	1.290	1.720	2.216	2.634	2.857	2.842	2.637	2.358
6571	65.70	2.131	2.047	2.127	2.325	2.559	2.749	2.848	2.852	2.789	2.694
6581	65.80	2.590	2.481	2.358	2.212	2.043	1.869	1.713	1.602	1.552	1.573
6591	65.90	1.664	1.819	2.022	2.244	2.446	2.577	2.598	2.491	2.281	2.026
6601	66.00	1.805	1.683	1.687	1.785	1.898	1.927	1.789	1.445	0.911	0.249
6611	66.10	-0.462	-1.148	-1.757	-2.259	-2.640	-2.892	-3.011	-3.008	-2.912	-2.780
6621	66.20	-2.685	-2.690	-2.830	-3.091	-3.415	-3.722	-3.934	-4.005	-3.930	-3.736
6631	66.30	-3.464	-3.154	-2.832	-2.516	-2.223	-1.976	-1.801	-1.711	-1.693	-1.704
6641	66.40	-1.683	-1.574	-1.358	-1.069	-0.784	-0.595	-0.568	-0.712	-0.969	-1.237
6651	66.50	-1.407	-1.409	-1.234	-0.935	-0.593	-0.284	-0.047	0.128	0.284	0.472
6661	66.60	0.718	1.014	1.316	1.566	1.713	1.735	1.644	1.479	1.293	1.135
6671	66.70	1.039	1.015	1.051	1.116	1.172	1.183	1.127	1.002	0.827	0.633
6681	66.80	0.448	0.289	0.148	0.001	-0.180	-0.408	-0.671	-0.930	-1.137	-1.252
6691	66.90	-1.266	-1.204	-1.116	-1.054	-1.051	-1.103	-1.180	-1.239	-1.247	-1.201
6701	67.00	-1.124	-1.051	-1.012	-1.012	-1.029	-1.022	-0.951	-0.795	-0.554	-0.252
6711	67.10	0.080	0.410	0.715	0.975	1.174	1.300	1.345	1.316	1.241	1.158
6721	67.20	1.109	1.115	1.165	1.215	1.205	1.090	0.855	0.532	0.186	-0.115
6731	67.30	-0.326	-0.441	-0.494	-0.530	-0.578	-0.636	-0.668	-0.630	-0.495	-0.275
6741	67.40	-0.020	0.201	0.337	0.374	0.344	0.300	0.290	0.330	0.394	0.434
6751	67.50	0.413	0.328	0.222	0.161	0.202	0.355	0.577	0.786	0.896	0.876
6761	67.60	0.751	0.602	0.521	0.568	0.726	0.928	1.070	1.077	0.962	0.736
6771	67.70	0.579	0.584	0.803	1.198	1.659	2.050	2.290	2.290	2.172	2.027
6781	67.80	1.964	2.043	2.248	2.501	2.696	2.749	2.625	2.350	1.988	1.613
6791	67.90	1.275	0.993	0.756	0.539	0.323	0.100	-0.128	-0.354	-0.576	-0.799
6801	68.00	-1.027	-1.263	-1.497	-1.712	-1.888	-2.018	-2.106	-2.170	-2.233	-2.317
6811	68.10	-2.430	-2.569	-2.722	-2.872	-3.005	-3.112	-3.187	-3.227	-3.230	-3.194
6821	68.20	-3.118	-2.995	-2.817	-2.572	-2.248	-1.844	-1.377	-0.895	-0.469	-0.180
6831	68.30	-0.092	-0.224	-0.534	-0.926	-1.272	-1.457	-1.442	-1.139	-0.709	-0.232
6841	68.40	0.186	0.472	0.611	0.661	0.628	0.635	0.704	0.839	1.019	1.206
6851	68.50	1.367	1.483	1.549	1.576	1.578	1.574	1.575	1.590	1.615	1.638
6861	68.60	1.640	1.603	1.522	1.418	1.336	1.339	1.483	1.788	2.228	2.719
6871	68.70	3.147	3.401	3.413	3.179	2.763	2.267	1.799	1.427	1.168	0.986
6881	68.80	0.819	0.614	0.345	0.026	-0.299	-0.585	-0.798	-0.932	-1.004	-1.044
6891	68.90	-1.080	-1.127	-1.189	-1.266	-1.344	-1.426	-1.507	-1.584	-1.648	-1.695
6901	69.00	-1.725	-1.750	-1.794	-1.888	-2.054	-2.296	-2.587	-2.877	-3.105	-3.219
6911	69.10	-3.190	-3.028	-2.772	-2.481	-2.216	-2.022	-1.918	-1.895	-1.927	-1.977
6921	69.20	-2.011	-2.004	-1.944	-1.830	-1.670	-1.475	-1.259	-1.030	-0.797	-0.565
6931	69.30	-0.336	-0.114	0.095	0.286	0.449	0.575	0.652	0.670	0.627	0.530
6941	69.40	0.402	0.284	0.228	0.290	0.513	0.910	1.458	2.094	2.728	3.267
6951	69.50	3.638	3.810	3.796	3.652	3.451	3.267	3.146	3.107	3.134	3.194
6961	69.60	3.247	3.259	3.211	3.098	2.928	2.721	2.504	2.301	2.134	2.011
6971	69.70	1.928	1.863	1.791	1.687	1.545	1.374	1.205	1.071	1.002	1.007
6981	69.80	1.070	1.160	1.233	1.250	1.184	1.021	0.759	0.410	0.000	-0.430
6991	69.90	-0.824	-1.119	-1.262	-1.230	-1.043	-0.770	-0.504	-0.337	-0.322	-0.455

Table 7—9—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.680	-0.911	-1.076	-1.164	-1.138	-1.123	-1.165	-1.299	-1.510	-1.739
7011	70.10	-1.920	-2.011	-2.022	-2.010	-2.050	-2.195	-2.445	-2.742	-2.998	-3.135
7021	70.20	-3.125	-3.006	-2.855	-2.767	-2.793	-2.922	-3.089	-3.205	-3.198	-3.043
7031	70.30	-2.768	-2.428	-2.077	-1.739	-1.606	-1.055	-0.678	-0.299	0.022	0.217
7041	70.40	0.243	0.113	-0.101	-0.295	-0.367	-0.266	-0.001	0.356	0.716	1.005
7051	70.50	1.208	1.356	1.517	1.753	2.096	2.528	2.989	3.403	3.702	3.869
7061	70.60	3.866	3.722	3.528	3.316	3.130	2.998	2.927	2.905	2.892	2.851
7071	70.70	2.745	2.556	2.299	2.013	1.747	1.539	1.391	1.263	1.093	0.817
7081	70.80	0.409	-0.107	-0.661	-1.160	-1.532	-1.750	-1.846	-1.891	-1.964	-2.113
7091	70.90	-2.342	-2.611	-2.861	-3.046	-3.153	-3.202	-3.234	-3.283	-3.362	-3.461
7101	71.00	-3.553	-3.618	-3.651	-3.659	-3.656	-3.642	-3.598	-3.692	-3.300	-3.020
7111	71.10	-2.684	-2.348	-2.071	-1.884	-1.777	-1.701	-1.588	-1.386	-1.081	-0.709
7121	71.20	-0.338	-0.042	0.130	0.175	0.130	0.059	0.023	0.060	0.173	0.341
7131	71.30	0.531	0.719	0.898	1.080	1.281	1.516	1.770	2.022	2.230	2.352
7141	71.40	2.361	2.256	2.060	1.819	1.587	1.407	1.308	1.291	1.340	1.428
7151	71.50	1.528	1.622	1.695	1.736	1.728	1.669	1.479	1.216	0.886	0.547
7161	71.60	0.279	0.152	0.204	0.413	0.705	0.974	1.127	1.117	0.961	0.734
7171	71.70	0.535	0.461	0.481	0.625	0.808	0.957	1.029	1.018	0.949	0.852
7181	71.80	0.759	0.595	0.391	0.110	-0.235	-0.591	-0.883	-1.049	-1.067	-0.965
7191	71.90	-0.813	-0.686	-0.628	-0.636	-0.660	-0.637	-0.525	-0.326	-0.093	0.097
7201	72.00	0.179	0.125	-0.042	-0.261	-0.463	-0.599	-0.655	-0.669	-0.609	-0.556
7211	72.10	-0.492	-0.401	-0.266	-0.083	0.130	0.337	0.497	0.579	0.577	0.501
7221	72.20	0.377	0.230	0.084	-0.045	-0.138	-0.176	-0.135	0.001	0.234	0.542
7231	72.30	0.882	1.200	1.449	1.598	1.643	1.602	1.508	1.398	1.303	1.246
7241	72.40	1.238	1.281	1.364	1.465	1.551	1.586	1.541	1.409	1.211	0.994
7251	72.50	0.820	0.741	0.785	0.943	1.174	1.418	1.620	1.749	1.802	1.808
7261	72.60	1.806	1.833	1.908	2.031	2.179	2.323	2.431	2.478	2.449	2.342
7271	72.70	2.161	1.921	1.638	1.333	1.023	0.718	0.424	0.138	-0.147	-0.436
7281	72.80	-0.731	-1.025	-1.311	-1.577	-1.814	-2.017	-2.190	-2.337	-2.471	-2.607
7291	72.90	-2.759	-2.944	-3.166	-3.422	-3.689	-3.933	-4.114	-4.201	-4.181	-4.070
7301	73.00	-3.907	-3.738	-3.602	-3.512	-3.469	-3.376	-3.251	-3.057	-2.810	-2.559
7311	73.10	-2.367	-2.287	-2.333	-2.476	-2.650	-2.781	-2.816	-2.741	-2.581	-2.389
7321	73.20	-2.213	-2.077	-1.971	-1.860	-1.706	-1.491	-1.224	-0.940	-0.680	-0.468
7331	73.30	-0.297	-0.139	0.043	0.271	0.533	0.788	0.985	1.087	1.093	1.047
7341	73.40	1.018	1.079	1.272	1.596	2.006	2.436	2.820	3.115	3.311	3.424
7351	73.50	3.477	3.491	3.475	3.424	3.330	3.188	2.997	2.766	2.504	2.220
7361	73.60	1.928	1.644	1.391	1.191	1.058	0.993	0.978	0.983	0.976	0.942
7371	73.70	0.884	0.822	0.784	0.783	0.816	0.860	0.887	0.880	0.843	0.793
7381	73.80	0.751	0.727	0.708	0.668	0.586	0.465	0.339	0.261	0.275	0.383
7391	73.90	0.536	0.638	0.587	0.320	-0.153	-0.746	-1.324	-1.752	-1.947	-1.906
7401	74.00	-1.697	-1.428	-1.205	-1.099	-1.131	-1.289	-1.539	-1.844	-2.163	-2.442
7411	74.10	-2.613	-2.606	-2.373	-1.921	-1.331	-0.745	-0.327	-0.199	-0.392	-0.830
7421	74.20	-1.357	-1.798	-2.026	-2.011	-1.817	-1.564	-1.369	-1.294	-1.325	-1.398
7431	74.30	-1.434	-1.388	-1.259	-1.088	-0.917	-0.769	-0.628	-0.460	-0.237	0.033
7441	74.40	0.308	0.522	0.629	0.622	0.540	0.446	0.391	0.385	0.393	0.355
7451	74.50	0.232	0.035	-0.165	-0.264	-0.176	0.127	0.592	1.102	1.532	1.792
7461	74.60	1.870	1.824	1.748	1.718	1.761	1.861	1.889	1.846	1.701	1.500
7471	74.70	1.329	1.269	1.359	1.570	1.824	2.018	2.073	1.961	1.706	1.367
7481	74.80	1.013	0.687	0.408	0.168	-0.046	-0.238	-0.401	-0.523	-0.599	-0.645
7491	74.90	-0.696	-0.790	-0.957	-1.194	-1.472	-1.735	-1.926	-2.006	-1.967	-1.831

Table 7—9—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.643	-1.450	-1.284	-1.156	-1.051	-0.942	-0.800	-0.613	-0.387	-0.146
7511	75.10	0.078	0.258	0.383	0.462	0.519	0.582	0.670	0.781	0.897	0.992
7521	75.20	1.044	1.055	1.049	1.065	1.143	1.297	1.509	1.732	1.906	1.983
7531	75.30	1.969	1.828	1.676	1.556	1.510	1.546	1.636	1.729	1.776	1.750
7541	75.40	1.657	1.529	1.410	1.334	1.315	1.343	1.385	1.403	1.364	1.265
7551	75.50	1.061	0.759	0.421	0.054	-0.306	-0.624	-0.869	-1.024	-1.089	-1.081
7561	75.60	-1.033	-0.982	-0.959	-0.986	-1.069	-1.202	-1.372	-1.560	-1.746	-1.914
7571	75.70	-2.048	-2.139	-2.183	-2.187	-2.164	-2.128	-2.087	-2.045	-1.994	-1.928
7581	75.80	-1.848	-1.764	-1.694	-1.656	-1.652	-1.665	-1.655	-1.576	-1.395	-1.104
7591	75.90	-0.733	-0.335	0.027	0.310	0.496	0.600	0.653	0.684	0.710	0.727
7601	76.00	0.725	0.695	0.640	0.575	0.515	0.466	0.420	0.358	0.266	0.154
7611	76.10	0.059	0.035	0.134	0.381	0.755	1.198	1.633	1.997	2.265	2.453
7621	76.20	2.608	2.774	2.969	3.171	3.323	3.363	3.245	2.966	2.561	2.094
7631	76.30	1.633	1.233	0.921	0.705	0.575	0.517	0.512	0.538	0.569	0.575
7641	76.40	0.533	0.435	0.289	0.124	-0.030	-0.151	-0.237	-0.302	-0.369	-0.452
7651	76.50	-0.554	-0.663	-0.765	-0.860	-0.969	-1.129	-1.377	-1.727	-2.158	-2.615
7661	76.60	-3.026	-3.325	-3.479	-3.490	-3.395	-3.241	-3.072	-2.918	-2.790	-2.696
7671	76.70	-2.641	-2.627	-2.651	-2.693	-2.714	-2.667	-2.518	-2.264	-1.943	-1.622
7681	76.80	-1.368	-1.224	-1.177	-1.167	-1.107	-0.921	-0.580	-0.114	0.394	0.844
7691	76.90	1.153	1.285	1.259	1.134	0.988	0.891	0.886	0.984	1.173	1.421
7701	77.00	1.689	1.940	2.139	2.267	2.322	2.318	2.279	2.224	2.156	2.069
7711	77.10	1.867	1.577	1.181	0.730	0.317	0.051	0.008	0.191	0.523	0.863
7721	77.20	1.058	0.999	0.666	0.127	-0.491	-1.058	-1.482	-1.742	-1.866	-1.904
7731	77.30	-1.892	-1.836	-1.728	-1.576	-1.423	-1.368	-1.509	-1.902	-2.511	-3.193
7741	77.40	-3.735	-3.932	-3.674	-3.297	-2.084	-1.202	-0.598	-0.409	-0.616	-1.051
7751	77.50	-1.493	-1.744	-1.718	-1.458	-1.101	-0.808	-0.681	-0.720	-0.830	-0.876
7761	77.60	-0.718	-0.332	0.239	0.869	1.418	1.780	1.923	1.895	1.795	1.736
7771	77.70	1.801	2.017	2.358	2.755	3.126	3.401	3.540	3.539	3.430	3.264
7781	77.80	3.096	2.967	2.894	2.865	2.842	2.793	2.690	2.532	2.344	2.164
7791	77.90	2.026	1.942	1.898	1.856	1.777	1.638	1.442	1.218	1.007	0.837
7801	78.00	0.714	0.620	0.523	0.392	0.237	0.057	-0.118	-0.275	-0.420	-0.584
7811	78.10	-0.803	-1.095	-1.442	-1.786	-2.053	-2.177	-2.131	-1.942	-1.680	-1.427
7821	78.20	-1.248	-1.169	-1.172	-1.216	-1.262	-1.289	-1.305	-1.326	-1.375	-1.413
7831	78.30	-1.442	-1.622	-1.338	-1.206	-1.065	-0.969	-0.870	-0.795	-0.658	-0.389
7841	78.40	0.042	0.605	1.205	1.714	2.026	2.100	1.982	1.784	1.636	1.632
7851	78.50	1.786	2.030	2.245	2.320	2.194	1.882	1.466	1.055	0.737	0.555
7861	78.60	0.497	0.519	0.568	0.611	0.640	0.665	0.697	0.735	0.767	0.778
7871	78.70	0.757	0.708	0.640	0.555	0.439	0.263	0.001	-0.354	-0.772	-1.189
7881	78.80	-1.533	-1.751	-1.842	-1.859	-1.888	-2.006	-2.242	-2.555	-2.850	-3.013
7891	78.90	-2.969	-2.712	-2.318	-1.904	-1.587	-1.430	-1.425	-1.498	-1.557	-1.530
7901	79.00	-1.396	-1.189	-0.971	-0.795	-0.680	-0.603	-0.520	-0.394	-0.213	-0.004
7911	79.10	0.194	0.344	0.439	0.501	0.569	0.676	0.826	0.998	1.154	1.265
7921	79.20	1.330	1.323	1.428	1.522	1.650	1.780	1.870	1.894	1.858	1.801
7931	79.30	1.769	1.787	1.834	1.849	1.750	1.484	1.059	0.551	0.083	-0.229
7941	79.40	-0.321	-0.213	0.001	0.190	0.250	0.140	-0.104	-0.389	-0.618	-0.732
7951	79.50	-0.733	-0.681	-0.655	-0.713	-0.864	-1.068	-1.256	-1.367	-1.374	-1.294
7961	79.60	-1.175	-1.066	-0.998	-0.965	-0.937	-0.878	-0.764	-0.601	-0.416	-0.250
7971	79.70	-0.129	-0.061	-0.028	0.003	0.066	0.181	0.347	0.539	0.717	0.839
7981	79.80	0.868	0.788	0.602	0.337	0.036	-0.250	-0.479	-0.621	-0.674	-0.652
7991	79.90	-0.585	-0.505	-0.436	-0.393	-0.380	-0.405	-0.475	-0.598	-0.779	-1.007

Table 7—9—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.250	-1.466	-1.610	-1.656	-1.610	-1.513	-1.420	-1.384	-1.428	-1.534
8011	80.10	-1.669	-1.708	-1.658	-1.486	-1.223	-0.928	-0.670	-0.497	-0.420	-0.416
8021	80.20	-0.440	-0.469	-0.421	-0.361	-0.297	-0.262	-0.279	-0.350	-0.453	-0.550
8031	80.30	-0.601	-0.579	-0.471	-0.282	-0.031	0.259	0.560	0.849	1.098	1.284
8041	80.40	1.384	1.385	1.293	1.139	0.981	0.890	0.938	1.165	1.565	2.075
8051	80.50	2.587	2.977	3.142	3.037	2.687	2.184	1.656	1.223	0.963	0.890
8061	80.60	0.960	1.095	1.216	1.268	1.236	1.134	0.995	0.851	0.726	0.634
8071	80.70	0.585	0.585	0.638	0.731	0.837	0.909	0.900	0.779	0.552	0.263
8081	80.80	-0.016	-0.214	-0.295	-0.271	-0.200	-0.157	-0.198	-0.332	-0.511	-0.652
8091	80.90	-0.673	-0.532	-0.247	0.104	0.420	0.608	0.624	0.483	0.247	-0.001
8101	81.00	-0.194	-0.295	-0.309	-0.268	-0.215	-0.182	-0.180	-0.206	-0.243	-0.275
8111	81.10	-0.290	-0.289	-0.276	-0.260	-0.250	-0.245	-0.242	-0.227	-0.189	-0.119
8121	81.20	-0.026	0.067	0.120	0.089	-0.056	-0.314	-0.648	-0.992	-1.266	-1.409
8131	81.30	-1.401	-1.269	-1.078	-0.919	-0.828	-0.859	-0.984	-1.151	-1.300	-1.383
8141	81.40	-1.381	-1.304	-1.180	-1.039	-0.904	-0.784	-0.680	-0.586	-0.504	-0.435
8151	81.50	-0.383	-0.351	-0.339	-0.345	-0.369	-0.414	-0.486	-0.587	-0.713	-0.855
8161	81.60	-0.993	-1.110	-1.190	-1.219	-1.188	-1.089	-0.916	-0.672	-0.376	-0.068
8171	81.70	0.198	0.368	0.412	0.339	0.202	0.078	0.042	0.128	0.314	0.526
8181	81.80	0.670	0.677	0.538	0.314	0.110	0.029	0.122	0.357	0.633	0.821
8191	81.90	0.922	0.613	0.264	-0.095	-0.330	-0.356	-0.176	0.128	0.435	0.641
8201	82.00	0.702	0.652	0.575	0.568	0.688	0.930	1.233	1.509	1.684	1.732
8211	82.10	1.677	1.582	1.512	1.512	1.586	1.701	1.804	1.843	1.790	1.644
8221	82.20	1.429	1.191	0.977	0.830	0.780	0.833	0.969	1.146	1.308	1.399
8231	82.30	1.382	1.250	1.031	0.775	0.535	0.343	0.200	0.079	-0.065	-0.266
8241	82.40	-0.529	-0.826	-1.100	-1.292	-1.360	-1.297	-1.131	-0.911	-0.692	-0.514
8251	82.50	-0.396	-0.335	-0.316	-0.320	-0.336	-0.356	-0.380	-0.409	-0.442	-0.474
8261	82.60	-0.497	-0.498	-0.458	-0.360	-0.187	0.044	0.327	0.719	1.041	1.293
8271	82.70	1.441	1.472	1.400	1.255	1.073	0.883	0.699	0.530	0.382	0.271
8281	82.80	0.218	0.239	0.331	0.465	0.586	0.636	0.572	0.391	0.132	-0.135
8291	82.90	-0.341	-0.440	-0.429	-0.344	-0.243	-0.173	-0.158	-0.193	-0.252	-0.318
8301	83.00	-0.387	-0.476	-0.607	-0.790	-1.004	-1.202	-1.325	-1.329	-1.205	-0.984
8311	83.10	-0.724	-0.487	-0.315	-0.217	-0.175	-0.161	-0.160	-0.184	-0.265	-0.438
8321	83.20	-0.722	-1.102	-1.525	-1.917	-2.206	-2.343	-2.318	-2.159	-1.925	-1.684
8331	83.30	-1.499	-1.411	-1.437	-1.568	-1.771	-2.002	-2.214	-2.366	-2.441	-2.440
8341	83.40	-2.389	-2.321	-2.264	-2.230	-2.208	-2.165	-2.068	-1.891	-1.639	-1.362
8351	83.50	-1.052	-0.817	-0.667	-0.595	-0.565	-0.519	-0.410	-0.214	0.053	0.347
8361	83.60	0.608	0.797	0.908	0.980	1.077	1.268	1.590	2.032	2.534	3.008
8371	83.70	3.371	3.574	3.617	3.546	3.423	3.303	3.209	3.134	3.050	2.942
8381	83.80	2.813	2.695	2.625	2.625	2.678	2.732	2.719	2.587	2.325	1.972
8391	83.90	1.599	1.276	1.041	0.883	0.762	0.629	0.467	0.298	0.174	0.137
8401	84.00	0.191	0.279	0.296	0.139	-0.251	-0.851	-1.561	-2.240	-2.766	-3.080
8411	84.10	-3.209	-3.241	-3.281	-3.395	-3.587	-3.799	-3.948	-3.970	-3.856	-3.650
8421	84.20	-3.429	-3.267	-3.201	-3.219	-3.270	-3.293	-3.244	-3.108	-2.902	-2.657
8431	84.30	-2.406	-2.171	-1.957	-1.759	-1.566	-1.362	-1.128	-0.848	-0.508	-0.110
8441	84.40	0.323	0.747	1.109	1.358	1.469	1.451	1.349	1.227	1.150	1.165
8451	84.50	1.296	1.540	1.875	2.271	2.689	3.087	3.420	3.647	3.744	3.715
8461	84.60	3.591	3.426	3.275	3.173	3.121	3.086	3.022	2.890	2.680	2.417
8471	84.70	2.146	1.910	1.731	1.600	1.493	1.386	1.279	1.196	1.173	1.234
8481	84.80	1.372	1.537	1.653	1.650	1.491	1.191	0.814	0.444	0.157	-0.007
8491	84.90	-0.056	-0.030	0.015	0.032	-0.004	-0.091	-0.215	-0.354	-0.489	-0.606

Table 7—9—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1156 501-GR-1-127 HB. (HB.) FUTTU CAPE MAX. ACC. = -62.750 (GAL) T= 15.77 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.700	-0.763	-0.794	-0.791	-0.754	-0.689	-0.601	-0.498	-0.394	-0.306
8511	85.10	-0.263	-0.296	-0.424	-0.654	-0.961	-1.287	-1.561	-1.720	-1.729	-1.601
8521	85.20	-1.390	-1.121	-1.019	-0.980	-1.065	-1.256	-1.514	-1.800	-2.075	-2.300
8531	85.30	-2.435	-2.439	-2.280	-1.959	-1.519	-1.040	-0.621	-0.338	-0.218	-0.219
8541	85.40	-0.252	-0.217	-0.047	0.261	0.651	1.040	1.358	1.583	1.744	1.895
8551	85.50	2.068	2.246	2.359	2.313	2.047	1.572	0.988	0.454	0.126	0.097
8561	85.60	0.357	0.802	1.274	1.631	1.792	1.765	1.620	1.450	1.325	1.264
8571	85.70	1.241	1.208	1.128	0.993	0.828	0.674	0.567	0.528	0.553	0.628
8581	85.80	0.731	0.844	0.946	1.014	1.023	0.956	0.808	0.603	0.386	0.204
8591	85.90	0.090	0.039	0.009	-0.066	-0.237	-0.522	-0.882	-1.242	-1.520	-1.662
8601	86.00	-1.669	-1.593	-1.515	-1.504	-1.589	-1.743	-1.905	-2.001	-1.986	-1.866
8611	86.10	-1.617	-1.345	-1.074	-0.830	-0.621	-0.469	-0.326	-0.277	-0.330	-0.500
8621	86.20	-0.769	-1.082	-1.358	-1.518	-1.511	-1.333	-1.025	-0.659	-0.305	-0.015
8631	86.30	0.191	0.316	0.372	0.367	0.300	0.166	-0.027	-0.255	-0.473	-0.636
8641	86.40	-0.714	-0.716	-0.684	-0.683	-0.774	-0.981	-1.277	-1.592	-1.834	-1.927
8651	86.50	-1.843	-1.614	-1.325	-1.082	-0.977	-1.055	-1.301	-1.669	-2.009	-2.296
8661	86.60	-2.440	-2.494	-2.431	-2.325	-2.229	-2.178	-2.177	-2.210	-2.243	-2.242
8671	86.70	-2.183	-2.055	-1.865	-1.630	-1.431	-1.310	-1.361	-1.630	-1.417	-1.216
8681	86.80	-0.018	0.182	0.382	0.575	0.752	0.903	1.022	1.110	1.168	1.198
8691	86.90	1.193	1.143	1.033	0.858	0.623	0.356	0.094	-0.120	-0.254	-0.301
8701	87.00	-0.276	-0.209	-0.132	-0.062	0.008	0.102	0.247	0.456	0.712	0.971
8711	87.10	1.176	1.279	1.257	1.127	0.936	0.742	0.590	0.500	0.460	0.442
8721	87.20	0.417	0.375	0.329	0.311	0.353	0.470	0.652	0.868	1.076	1.245
8731	87.30	1.367	1.455	1.538	1.645	1.788	1.961	2.138	2.286	2.381	2.412
8741	87.40	2.390	2.338	2.281	2.241	2.226	2.231	2.247	2.265	2.285	2.314
8751	87.50	2.370	2.468	2.613	2.795	2.983	3.136	3.213	3.187	3.059	2.860
8761	87.60	2.641	2.457	2.362	2.297	2.291	2.267	2.172	1.977	1.695	1.373
8771	87.70	1.075	0.860	0.751	0.734	0.762	0.780	0.748	0.656	0.528	0.405
8781	87.80	0.327	0.309	0.337	0.377	0.382	0.318	0.168	-0.061	-0.347	-0.663
8791	87.90	-0.981	-1.278	-1.536	-1.728	-1.846	-1.882	-1.843	-1.752	-1.643	-1.549

Table 7—10—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	0.0	-6.375	-1.758	4.282	9.779	12.594	11.259	5.694	-2.516	-10.509
11	0.10	-15.124	-14.143	-12.307	3.368	14.068	20.694	20.269	12.282	-0.953	-14.599
21	0.20	-24.831	-26.683	-19.477	-5.338	11.049	24.002	28.811	23.424	9.286	-9.014
31	0.30	-25.166	-33.270	-29.968	-15.812	4.638	24.184	35.285	33.854	19.311	-3.022
41	0.40	-24.538	-36.368	-33.065	-15.096	10.667	33.420	42.823	33.341	7.147	-26.210
51	0.50	-53.367	-62.502	-48.646	-16.007	23.267	53.875	63.664	48.770	15.366	-22.806
61	0.60	-50.104	-55.472	-36.969	-2.453	33.801	57.060	58.099	36.720	1.483	-34.039
71	0.70	-56.765	-59.069	-41.173	-10.619	21.269	43.678	50.018	39.660	17.391	-8.849
81	0.80	-30.870	-42.710	-42.000	-30.081	-11.121	9.293	25.663	33.897	32.215	21.536
91	0.90	5.236	-11.750	-24.320	-28.755	-23.935	-11.756	3.476	16.536	23.127	21.412
101	1.00	12.597	0.348	-10.735	-16.960	-16.928	-11.914	-5.090	0.027	1.223	-1.415
111	1.10	-5.579	-7.872	-5.477	2.382	13.867	25.125	31.833	31.032	22.463	8.774
121	1.20	-5.498	-15.772	-19.295	-16.242	-9.530	-3.432	-1.599	-5.345	-12.987	-20.534
131	1.30	-23.431	-18.616	-5.955	11.517	28.702	40.359	43.024	36.157	22.088	6.912
141	1.40	-11.109	-22.892	-29.133	-30.058	-26.652	-19.917	-10.595	0.547	12.154	21.956
151	1.50	27.067	24.997	14.964	-1.159	-18.870	-32.305	-36.359	-28.860	-11.791	9.089
161	1.60	26.259	33.355	27.827	12.152	-6.972	-21.257	-24.237	-13.996	5.772	27.178
171	1.70	41.195	41.313	26.223	0.453	-27.306	-47.490	-53.232	-42.809	-20.072	7.193
181	1.80	30.210	42.252	40.662	27.235	7.082	-13.406	-28.609	-35.083	-32.037	-21.003
191	1.90	-5.081	11.915	26.212	34.709	35.561	28.517	15.293	-0.921	-16.185	-27.018
201	2.00	-31.518	-29.938	-24.603	-17.869	-12.642	-9.536	-7.506	-4.558	0.892	8.810
211	2.10	17.201	22.907	23.216	17.488	7.885	-1.282	-5.443	-2.045	7.874	19.699
221	2.20	26.984	24.276	9.792	-13.290	-37.622	-54.319	-56.424	-41.770	-14.036	18.425
231	2.30	45.556	59.155	55.674	37.223	10.524	-15.665	-33.591	-38.889	-31.534	-15.224
241	2.40	4.377	21.719	32.994	36.798	33.785	25.680	14.198	0.406	-15.233	-32.223
251	2.50	-49.201	-63.436	-71.055	-68.099	-52.101	-23.603	13.108	50.503	79.633	92.765
261	2.60	85.978	60.742	23.801	-14.727	-44.470	-58.078	-53.495	-34.415	-8.768	14.181
271	2.70	27.032	26.616	14.699	-3.096	-19.618	-28.852	-27.881	-17.552	-1.760	14.231
281	2.80	25.684	29.818	26.346	17.122	5.199	-6.238	-14.696	-18.754	-18.056	-13.078
291	2.90	-4.869	5.147	15.302	23.843	29.176	30.175	26.493	18.704	8.218	-3.069
301	3.00	-13.246	-20.850	-25.131	-26.078	-24.223	-20.367	-15.357	-9.995	-5.062	-1.355
311	3.10	0.390	-0.272	-3.163	-7.226	-10.551	-10.815	-6.081	4.274	18.888	34.359
321	3.20	45.981	49.151	41.028	21.826	-4.787	-32.476	-54.039	-63.658	-56.813	-41.133
331	3.30	-15.850	9.990	29.890	39.977	39.995	32.907	23.311	15.384	11.228	10.284
341	3.40	10.005	7.414	0.788	-9.316	-20.160	-28.014	-29.821	-24.606	-13.970	-1.437
351	3.50	9.003	14.895	14.826	9.959	4.006	-0.927	-3.559	-4.183	-4.179	-4.969
361	3.60	-7.040	-9.567	-10.841	-9.278	-4.459	2.374	8.684	11.730	9.890	3.561
371	3.70	-4.826	-11.740	-14.041	-10.373	-1.824	8.443	16.556	19.054	15.181	6.321
381	3.80	-4.087	-12.022	-14.465	-10.591	-2.110	7.344	13.551	13.285	5.569	-7.812
391	3.90	-22.731	-33.964	-36.862	-28.944	-10.889	13.432	37.942	56.102	62.885	56.345
401	4.00	38.252	13.559	-11.142	-29.655	-38.029	-35.597	-24.890	-10.523	2.499	10.427
411	4.10	11.809	7.631	0.603	-6.049	-9.815	-9.729	-6.561	-2.364	0.390	-0.202
421	4.20	-4.700	-11.999	-19.554	-24.125	-22.842	-14.285	0.778	19.286	36.555	47.585
431	4.30	48.649	38.606	19.463	-4.086	-26.051	-40.995	-45.702	-40.055	-26.829	-10.521
441	4.40	4.289	14.413	18.829	18.550	15.763	12.690	10.673	9.821	9.270	7.831
451	4.50	4.671	-0.263	-6.227	-11.982	-16.241	-18.051	-16.995	-13.219	-7.358	-0.412
461	4.60	6.369	11.669	14.337	13.702	9.832	3.645	-3.251	-8.983	-11.977	-11.472
471	4.70	-7.776	-2.160	3.565	7.635	8.863	6.950	2.489	-3.276	-8.845	-12.884
481	4.80	-14.556	-13.726	-10.990	-7.509	-4.675	-3.642	-4.848	-7.711	-10.658	-11.583
491	4.90	-8.631	-1.064	10.156	22.384	32.006	35.663	31.564	20.333	5.022	-9.814

Table 7—10—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	-19.665	-21.683	-15.716	-4.371	7.951	16.666	18.650	13.297	2.607	-9.678
511	5.10	-19.518	-26.019	-22.345	-15.792	-7.072	0.856	5.911	7.555	6.759	5.363
521	5.20	5.137	6.945	10.361	13.882	15.607	14.160	9.050	1.457	-6.715	-13.271
531	5.30	-16.578	-16.101	-12.481	-7.159	-1.774	2.406	4.765	5.276	4.228	1.941
541	5.40	-1.317	-5.177	-8.915	-11.336	-10.980	-6.683	1.742	13.036	24.575	33.080
551	5.50	35.759	31.415	21.018	7.450	-5.544	-14.739	-18.583	-17.594	-13.856	-9.866
561	5.60	-7.521	-6.332	-5.857	-3.968	-1.609	6.972	13.933	18.779	19.476	15.511
571	5.70	8.250	0.392	-5.228	-6.918	-4.886	-1.095	1.723	1.620	-2.485	-8.517
581	5.80	-13.896	-15.838	-12.925	-5.864	2.677	9.143	13.109	6.038	-2.951	-13.076
591	5.90	-20.219	-21.298	-15.464	-4.473	7.970	17.644	21.430	18.483	10.487	0.912
601	6.00	-6.430	-8.919	-6.130	0.094	6.530	10.013	8.817	3.359	-4.062	-10.377
611	6.10	-13.196	-11.920	-7.985	-4.118	-2.926	-5.496	-10.680	-15.471	-16.338	-10.959
621	6.20	0.467	14.947	27.782	34.223	31.613	20.450	4.282	-11.661	-22.504	-25.545
631	6.30	-21.114	-12.145	-2.733	3.649	5.487	3.574	0.321	-1.567	-0.393	3.820
641	6.40	9.466	14.169	15.876	13.654	7.965	0.348	-7.217	-12.962	-15.725	-15.050
651	6.50	-11.098	-4.527	3.549	11.588	17.743	20.214	17.809	10.520	0.183	-11.549
661	6.60	-20.310	-23.757	-20.734	-12.128	-0.612	10.277	17.377	18.952	15.158	7.776
671	6.70	-0.625	-7.686	-12.006	-13.380	-12.496	-10.361	-7.760	-5.002	-2.044	1.183
681	6.80	4.458	7.198	8.686	8.463	6.668	4.097	1.915	1.127	2.064	4.151
691	6.90	6.098	6.473	4.391	0.017	-5.375	-9.861	-11.642	-9.836	-4.911	1.436
701	7.00	6.927	9.614	8.662	4.677	-0.583	-4.962	-6.815	-5.668	-2.332	1.534
711	7.10	4.228	4.773	3.311	0.948	-0.858	-1.064	-0.421	2.475	4.205	3.667
721	7.20	0.521	-4.696	-10.582	-15.456	-18.007	-17.720	-14.900	-10.344	-4.892	0.895
731	7.30	6.758	12.505	17.697	21.513	22.905	21.028	15.699	7.658	-1.561	-10.115
741	7.40	-16.449	-19.786	-20.194	-18.329	-14.950	-10.546	-5.244	0.930	7.641	13.969
751	7.50	18.485	19.727	16.888	10.364	1.857	-6.076	-10.891	-10.990	-6.322	1.590
761	7.60	10.201	16.829	19.507	17.510	11.395	2.652	-6.830	-15.272	-21.320	-24.183
771	7.70	-23.662	-20.017	-14.123	-7.161	-0.496	6.672	7.674	8.609	8.317	8.039
781	7.80	8.860	11.164	14.350	16.952	17.177	13.638	6.014	-4.668	-16.120	-25.612
791	7.90	-30.615	-29.679	-22.868	-11.764	0.959	12.265	19.555	21.329	17.542	9.558
801	8.00	-0.262	-9.245	-15.160	-16.823	-14.370	-9.091	-2.900	2.393	5.728	7.104
811	8.10	7.445	8.065	9.961	13.249	16.992	19.512	19.082	14.702	6.640	-3.507
821	8.20	-13.273	-20.141	-22.606	-19.750	-13.319	-5.294	1.884	6.316	7.200	4.963
831	8.30	0.956	-3.112	-5.788	-6.295	-4.666	-1.570	2.001	5.098	7.039	7.491
841	8.40	6.429	4.062	0.783	-2.830	-6.014	-7.908	-7.741	-5.131	-0.354	5.538
851	8.50	10.881	13.841	13.028	8.050	-0.215	-9.763	-18.031	-22.681	-22.339	-17.026
861	8.60	-8.122	2.095	11.172	17.181	19.195	17.395	12.847	7.664	1.526	-2.681
871	8.70	-5.058	-5.675	-5.022	-3.775	-2.554	-1.724	-1.298	-0.960	-0.219	1.349
881	8.80	3.864	6.993	9.990	11.922	12.016	9.982	6.174	1.501	-2.885	-6.003
891	8.90	-7.377	-7.142	-5.893	-4.353	-3.027	-2.012	-1.050	0.221	1.945	3.845
901	9.00	5.252	5.362	3.622	0.056	-4.629	-9.215	-12.371	-13.126	-11.224	-7.229
911	9.10	-2.346	1.991	4.592	4.891	3.110	0.148	-2.749	-4.415	-4.144	-1.893
921	9.20	1.747	5.796	9.223	11.284	11.656	10.416	7.845	4.219	-0.310	-5.632
931	9.30	-11.469	-17.133	-21.460	-23.023	-20.603	-13.778	-3.328	8.751	19.729	26.983
941	9.40	28.902	25.471	18.288	9.971	3.196	-0.267	-0.118	2.507	5.619	7.235
951	9.50	6.126	2.177	-3.744	-10.273	-16.108	-20.395	-22.783	-23.233	-21.741	-18.203
961	9.60	-12.506	-4.816	4.152	13.050	20.150	23.850	23.263	18.607	11.216	3.137
971	9.70	-3.559	-7.467	-8.280	-6.801	-4.539	-3.061	-3.368	-5.526	-8.684	-11.449
981	9.80	-12.461	-10.918	-6.883	-1.241	4.648	9.450	12.313	13.107	12.356	10.922
991	9.90	9.574	8.649	7.945	6.889	4.910	1.825	-1.945	-5.447	-7.547	-7.411

Table 7—10—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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)
1001	10.00	-6.915	-0.781	3.624	6.802	7.610	5.753	1.856	-2.766	-6.588	-8.398
1011	10.10	-7.689	-4.780	-0.674	3.277	5.767	5.880	3.326	-1.489	-7.470	-13.125
1021	10.20	-16.807	-17.179	-13.637	-6.612	2.400	11.149	17.245	18.906	15.566	8.108
1031	10.30	-1.610	-10.438	-16.785	-19.299	-18.112	-14.368	-9.589	-4.969	-0.936	2.851
1041	10.40	7.079	12.180	17.859	23.002	26.030	25.550	20.997	12.983	3.185	-6.170
1051	10.50	-13.129	-16.451	-16.105	-13.050	-8.810	-4.908	-2.394	-1.629	-2.335	-5.844
1061	10.60	-5.398	-6.392	-6.495	-5.652	-4.013	-1.868	0.535	2.835	4.790	6.202
1071	10.70	6.942	6.949	6.224	4.823	2.855	0.498	-1.995	-4.313	-6.144	-7.261
1081	10.80	-7.607	-7.325	-6.716	-6.123	-5.787	-5.756	-5.878	-5.903	-5.618	-4.946
1091	10.90	-3.945	-2.695	-1.164	0.854	3.633	7.255	11.318	14.789	16.158	15.943
1101	11.00	7.375	-2.996	-15.108	-25.776	-31.630	-30.302	-21.399	-6.867	9.485	23.161
1111	11.10	30.464	29.719	21.799	9.726	-2.469	-11.202	-14.534	-12.700	-7.789	-2.766
1121	11.20	-0.230	-1.437	-5.881	-11.603	-16.023	-16.946	-13.360	-5.750	4.142	13.960
1131	11.30	23.500	25.352	25.061	21.218	14.892	7.305	-0.698	-7.735	-13.791	-18.063
1141	11.40	-19.883	-18.618	-13.926	-6.069	4.015	14.603	23.749	29.723	31.538	29.224
1151	11.50	23.753	16.643	9.411	3.095	-1.951	-5.934	-9.269	-12.168	-14.414	-15.405
1161	11.60	-16.472	-11.271	-6.087	0.149	6.124	10.590	12.791	12.687	10.889	8.346
1171	11.70	5.955	4.245	3.274	2.749	2.264	1.557	0.628	-0.278	-0.826	-0.777
1181	11.80	-0.122	0.880	1.770	2.021	1.210	-0.844	-3.979	-7.673	-11.129	-13.472
1191	11.90	-14.022	-12.575	-9.569	-5.987	-3.131	-2.045	-3.074	-5.607	-8.208	-9.157
1201	12.00	-7.197	-2.187	4.651	11.060	14.565	13.474	7.636	-1.381	-10.867	-17.685
1211	12.10	-19.981	-17.325	-11.071	-3.705	2.205	5.000	4.499	1.928	-0.703	-1.497
1221	12.20	0.569	5.302	11.458	17.294	21.255	22.504	21.136	18.046	14.545	11.896
1231	12.30	10.920	11.755	13.829	16.014	16.938	15.383	10.685	3.017	-6.543	-16.226
1241	12.40	-24.040	-28.349	-28.372	-24.400	-17.645	-9.782	-2.361	3.637	7.941	10.778
1251	12.50	12.437	12.885	11.601	7.790	0.843	-9.151	-21.116	-33.090	-42.691	-47.786
1261	12.60	-47.089	-40.496	-29.022	-14.467	1.066	15.469	27.066	34.498	36.884	33.861
1271	12.70	25.734	13.612	-0.695	-14.156	-25.395	-31.376	-31.584	-25.675	-15.694	-3.664
1281	12.80	7.987	17.172	22.525	23.558	20.622	14.753	7.459	0.471	-4.561	-6.308
1291	12.90	-4.280	1.150	8.661	16.307	22.060	24.448	23.040	18.579	12.706	7.344
1301	13.00	4.001	3.246	4.574	6.688	8.059	7.515	4.635	-0.203	-6.069	-11.881
1311	13.10	-16.759	-20.195	-22.014	-22.230	-20.910	-18.159	-14.224	-9.616	-5.137	-1.713
1321	13.20	-0.066	-0.334	-1.887	-3.390	-3.235	-0.145	6.216	14.962	24.094	31.040
1331	13.30	33.448	29.931	20.543	6.810	-8.668	-22.889	-33.193	-37.865	-36.460	-29.833
1341	13.40	-19.882	-9.117	-0.110	5.064	5.313	0.831	-6.881	-15.339	-21.708	-23.614
1351	13.50	-19.877	-10.941	1.199	13.566	23.115	27.658	26.506	20.587	12.045	3.476
1361	13.60	-2.874	-5.687	-4.741	-0.704	5.283	12.027	18.523	23.988	27.768	29.252
1371	13.70	27.910	23.469	16.120	6.646	-3.663	-13.307	-21.001	-26.045	-28.506	-29.124
1381	13.80	-28.981	-29.061	-29.880	-31.281	-32.689	-32.356	-29.730	-25.827	-14.516	-2.448
1391	13.90	10.986	23.887	34.204	40.177	40.746	35.828	26.375	14.174	1.445	-9.661
1401	14.00	-17.501	-21.210	-20.724	-16.619	-9.827	-1.386	7.725	16.620	24.471	30.463
1411	14.10	33.829	33.971	30.656	24.204	15.598	6.432	-1.333	-5.769	-5.483	-0.075
1421	14.20	9.583	21.380	32.379	39.537	40.564	34.657	22.831	7.705	-7.237	-18.680
1431	14.30	-24.453	-24.083	-18.773	-10.809	-2.699	3.615	7.165	7.877	6.147	2.337
1441	14.40	-3.499	-11.534	-21.802	-33.782	-46.201	-57.225	-64.966	-68.106	-66.310	-60.266
1451	14.50	-51.325	-40.930	-30.130	-19.384	-8.728	1.842	12.006	20.993	27.762	31.401
1461	14.60	31.528	28.482	23.228	17.024	11.060	6.099	2.660	0.845	0.814	2.631
1471	14.70	6.280	11.463	17.475	23.249	27.616	29.895	29.225	26.689	23.160	19.919
1481	14.80	18.027	18.006	19.752	22.655	25.836	28.369	29.416	28.275	24.460	17.797
1491	14.90	8.616	-2.094	-12.692	-21.156	-25.611	-24.959	-19.388	-10.510	-1.036	5.962

Table 7—10—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	7.957	3.735	-6.237	-19.971	-34.563	-47.035	-55.132	-57.829	-55.440	-49.332
1511	15.10	-41.405	-33.494	-26.897	-22.142	-19.032	-16.921	-15.120	-13.259	-11.481	-10.379
1521	15.20	-10.664	-12.703	-16.110	-19.595	-21.198	-18.885	-11.320	1.493	17.973	35.303
1531	15.30	50.254	60.229	66.097	62.492	57.426	51.357	46.121	42.176	38.504	33.239
1541	15.40	24.749	12.687	-1.668	-14.669	-23.290	-24.858	-17.238	-3.003	14.851	32.036
1551	15.50	44.586	50.402	48.679	40.626	28.236	13.594	-1.617	-16.170	-29.036	-39.095
1561	15.60	-45.101	-46.011	-41.529	-32.574	-21.362	-10.824	-3.920	-2.499	-6.802	-15.466
1571	15.70	-26.133	-36.354	-44.371	-49.438	-51.597	-51.129	-48.027	-41.860	-32.116	-18.842
1581	15.80	-3.211	12.383	24.862	31.485	30.913	23.855	12.944	1.575	-5.859	-8.122
1591	15.90	-4.711	2.813	11.910	20.058	25.553	27.826	27.274	24.824	21.488	18.136
1601	16.00	15.485	14.063	14.364	16.449	19.767	23.003	24.282	21.759	14.410	2.695
1611	16.10	-11.254	-24.096	-32.262	-33.125	-25.884	-11.839	6.032	23.989	38.579	47.444
1621	16.20	49.681	45.784	37.318	26.529	15.996	8.281	5.547	9.047	18.643	32.549
1631	16.30	47.532	59.648	65.361	62.651	51.673	34.669	15.140	-3.371	-18.375	-28.968
1641	16.40	-35.613	-39.396	-41.196	-41.219	-39.139	-34.706	-28.416	-21.797	-17.067	-16.280
1651	16.50	-20.365	-28.592	-38.734	-47.911	-53.697	-54.955	-52.030	-46.257	-39.117	-31.552
1661	16.60	-23.815	-15.910	-8.304	-2.406	-0.411	-4.482	-15.620	-32.818	-52.996	-71.842
1671	16.70	-85.246	-90.663	-87.702	-78.051	-64.253	-48.598	-32.543	-15.721	1.375	18.541
1681	16.80	34.418	46.992	54.812	58.116	53.143	47.876	42.560	38.666	35.414	30.598
1691	16.90	21.608	7.219	-11.197	-29.566	-42.296	-44.278	-32.844	-8.825	23.710	58.871
1701	17.00	90.821	115.290	130.175	135.167	130.839	117.839	96.680	68.205	34.370	-1.232
1711	17.10	-33.587	-57.311	-68.209	-64.701	-48.506	-24.265	1.785	23.593	36.915	40.242
1721	17.20	34.824	23.902	11.509	1.238	-4.662	-5.710	-3.117	0.702	2.853	0.769
1731	17.30	-7.080	-20.737	-38.667	-58.071	-75.516	-87.718	-92.302	-88.275	-74.196	-53.992
1741	17.40	-36.520	-15.005	3.548	16.871	23.809	24.590	20.230	13.151	5.587	-0.578
1751	17.50	-4.335	-5.997	-6.501	-6.413	-6.980	-7.791	-7.824	-5.716	-0.413	8.310
1761	17.60	19.720	32.440	44.993	56.277	65.685	72.836	77.120	77.395	72.150	60.147
1771	17.70	41.312	17.375	-8.140	-30.723	-46.247	-52.346	-49.199	-39.381	-26.822	-15.355
1781	17.80	-7.664	-3.748	-3.228	-4.242	-5.412	-6.216	-6.948	-8.220	-10.366	-13.128
1791	17.90	-15.788	-17.594	-18.174	-17.627	-16.215	-13.863	-9.856	-3.007	7.627	21.831
1801	18.00	37.594	51.225	58.318	55.275	40.763	16.452	-13.312	-42.783	-66.505	-80.729
1811	18.10	-84.024	-77.901	-61.452	-39.482	-13.085	15.686	44.228	69.061	86.090	91.569
1821	18.20	83.462	62.466	32.526	-0.137	-28.585	-47.155	-53.023	-46.793	-31.993	-13.730
1831	18.30	2.924	14.258	18.593	16.249	9.008	-0.650	-10.251	-17.885	-22.417	-23.794
1841	18.40	-22.724	-20.431	-18.108	-16.355	-14.813	-12.226	-7.002	1.887	14.042	27.267
1851	18.50	37.981	42.370	37.874	24.375	4.541	-16.895	-34.669	-44.690	-45.236	-37.147
1861	18.60	-23.043	-6.008	11.579	28.534	44.507	59.099	71.031	77.921	76.868	65.638
1871	18.70	43.854	13.611	-20.815	-54.073	-81.178	-98.703	-105.308	-101.530	-89.133	-70.433
1881	18.80	-47.921	-24.221	-2.166	15.329	25.750	27.797	21.243	10.445	-2.852	-14.444
1891	18.90	-19.553	-20.086	-16.625	-11.803	-8.039	-6.349	-5.931	-4.697	-0.469	7.770
1901	19.00	19.199	31.401	41.392	46.916	47.387	44.018	39.122	34.956	32.700	32.062
1911	19.10	31.663	29.953	26.177	20.872	15.663	12.468	12.511	15.640	20.261	23.925
1921	19.20	24.279	19.985	11.198	-0.522	-12.810	-23.305	-30.366	-33.460	-33.148	-30.764
1931	19.30	-27.933	-26.119	-26.282	-28.719	-33.065	-38.636	-43.673	-47.630	-49.445	-48.718
1941	19.40	-45.546	-40.405	-33.930	-26.690	-19.044	-11.150	-2.976	5.351	13.642	21.540
1951	19.50	28.630	34.561	39.124	42.246	43.918	44.110	42.762	39.852	35.530	30.211
1961	19.60	24.570	19.389	15.324	12.681	11.323	10.750	10.311	9.470	7.989	5.969
1971	19.70	3.760	1.807	0.519	0.213	1.115	3.349	6.869	11.322	15.927	19.475
1981	19.80	20.533	17.866	10.807	-0.185	-13.854	-27.334	-38.716	-45.679	-46.968	-42.375
1991	19.90	-32.620	-19.047	-3.292	12.913	27.821	39.685	46.862	48.049	42.661	31.181

Table 7—10—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	15.184	-2.682	-19.437	-32.388	-39.788	-41.184	-37.377	-30.038	-21.172	-12.615
2011	20.10	-5.731	-1.322	0.299	-0.796	-4.215	-9.250	-14.850	-19.896	-22.997	-23.197
2021	20.20	-20.036	-13.777	-5.375	3.750	12.961	18.276	21.623	21.923	19.493	14.926
2031	20.30	8.846	1.729	-6.137	-14.556	-23.234	-31.594	-38.698	-43.363	-44.469	-41.262
2041	20.40	-33.894	-23.367	-11.352	0.110	9.419	15.815	19.593	21.880	24.089	27.243
2051	20.50	31.599	36.361	40.076	41.298	38.981	32.944	23.887	13.152	2.357	-6.932
2061	20.60	-13.413	-16.158	-14.725	-9.302	-0.869	8.776	17.248	22.126	21.691	15.576
2071	20.70	5.029	-7.385	-18.574	-25.905	-27.979	-24.886	-17.883	-8.711	1.075	10.422
2081	20.80	18.648	25.036	28.506	27.672	21.375	9.465	-6.712	-24.112	-38.886	-47.460
2091	20.90	-47.707	-39.580	-24.932	-6.668	12.356	30.105	45.538	58.111	67.072	71.015
2101	21.00	68.052	56.614	36.483	9.507	-20.453	-48.409	-69.663	-81.169	-82.152	-74.152
2111	21.10	-59.948	-42.515	-24.139	-6.141	10.817	26.143	38.865	47.605	50.997	48.308
2121	21.20	39.915	27.378	13.053	-0.570	-11.520	-18.738	-22.108	-22.226	-20.057	-16.667
2131	21.30	-13.058	-10.094	-8.409	-8.260	-9.499	-11.357	-12.822	-12.916	-11.161	-7.761
2141	21.40	-3.784	-0.583	0.684	-0.378	-3.137	-6.107	-7.470	-5.766	-0.455	7.859
2151	21.50	17.618	26.793	33.481	36.384	35.033	29.753	21.439	11.271	0.483	-9.770
2161	21.60	-18.467	-26.742	-27.921	-27.605	-23.779	-16.896	-7.889	1.940	11.137	18.389
2171	21.70	22.811	24.119	22.651	19.190	14.676	9.905	5.334	1.068	-2.986	-6.891
2181	21.80	-10.506	-13.469	-15.356	-15.915	-15.250	-13.821	-12.242	-10.978	-10.094	-9.219
2191	21.90	-7.771	-5.326	-1.955	1.693	4.618	5.929	5.307	3.228	0.811	-0.649
2201	22.00	-0.241	2.194	6.053	10.329	14.103	16.923	18.839	20.105	20.738	20.227
2211	22.10	17.622	12.001	3.121	-8.111	-19.642	-28.812	-33.256	-31.768	-24.744	-14.012
2221	22.20	-2.136	8.490	16.318	20.881	22.500	21.726	18.857	13.796	6.300	-3.534
2231	22.30	-14.879	-26.125	-35.252	-40.475	-40.846	-36.541	-28.692	-18.845	-8.455	1.705
2241	22.40	11.355	20.461	28.756	35.431	39.201	38.736	33.291	23.212	10.091	-3.563
2251	22.50	-15.013	-22.103	-23.872	-20.769	-14.412	-7.004	-0.641	3.270	4.292	2.926
2261	22.60	0.301	-2.259	-3.660	-3.360	-1.377	1.585	4.575	6.604	6.984	5.545
2271	22.70	2.702	-0.656	-3.422	-4.604	-3.617	-0.452	4.328	9.754	14.713	18.208
2281	22.80	19.548	18.434	14.940	9.449	2.581	-4.875	-12.016	-17.908	-21.763	-22.789
2291	22.90	-20.931	-16.361	-9.771	-2.209	5.098	10.945	14.350	14.695	11.866	6.201
2301	23.00	-1.309	-9.329	-16.305	-20.815	-21.953	-19.623	-14.625	-8.459	-2.858	0.783
2311	23.10	1.888	0.866	-1.086	-2.495	-2.203	0.203	4.317	9.187	13.785	17.416
2321	23.20	19.870	21.243	21.570	20.522	17.385	11.404	2.349	-8.981	-20.639	-29.937
2331	23.30	-34.295	-32.201	-23.869	-11.298	2.338	13.726	20.476	21.790	18.504	12.559
2341	23.40	6.156	0.979	-2.211	-3.555	-3.710	-3.372	-2.919	-2.317	-1.250	0.626
2351	23.50	3.460	7.103	11.112	14.861	17.569	18.514	17.165	13.243	6.958	-0.926
2361	23.60	-9.163	-16.286	-21.016	-22.659	-21.337	-17.927	-13.712	-9.888	-7.163	-5.487
2371	23.70	-4.396	-3.188	-1.426	0.848	3.152	4.860	5.460	4.888	3.537	1.953
2381	23.80	0.650	-0.109	-0.309	-0.035	0.730	2.196	4.677	8.351	13.014	17.978
2391	23.90	22.221	24.728	24.882	22.709	18.858	14.308	9.959	6.304	3.322	0.642
2401	24.00	-2.135	-5.142	-8.137	-10.633	-12.173	-12.614	-12.233	-11.606	-11.322	-11.681
2411	24.10	-12.567	-13.428	-13.750	-13.171	-11.777	-10.058	-8.666	-8.107	-8.499	-9.544
2421	24.20	-10.702	-11.478	-11.661	-11.401	-11.077	-11.049	-11.436	-12.040	-12.468	-12.380
2431	24.30	-11.715	-10.757	-9.988	-9.783	-10.110	-10.401	-9.693	-7.007	-1.806	5.689
2441	24.40	14.440	22.898	29.491	33.124	33.485	31.034	26.736	21.669	16.694	12.330
2451	24.50	8.825	6.332	5.043	5.174	6.808	9.693	13.155	16.208	17.869	17.541
2461	24.60	15.271	11.752	8.028	5.037	3.201	2.256	1.410	-0.243	-3.254	-7.518
2471	24.70	-12.280	-16.436	-18.976	-19.359	-17.659	-14.637	-10.445	-6.323	-2.446	1.029
2481	24.80	3.996	6.227	7.336	6.906	4.703	0.880	-4.004	-9.120	-13.629	-16.927
2491	24.90	-18.750	-19.112	-18.130	-15.875	-12.339	-7.557	-1.806	4.268	9.690	13.417

Table 7—10—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	14.700	13.397	10.063	5.761	1.662	-1.384	-3.126	-3.897	-4.347	-5.044
2511	25.10	-6.157	-7.350	-7.943	-7.231	-4.813	-0.774	4.344	9.740	14.599	18.276
2521	25.20	20.348	20.564	18.776	14.940	9.207	2.961	-5.603	-12.556	-17.498	-19.429
2531	25.30	-18.006	-13.708	-7.741	-1.685	2.987	5.338	5.199	3.120	0.093	-2.834
2541	25.40	-4.890	-5.739	-5.457	-4.353	-2.766	-0.925	1.074	3.180	5.277	7.110
2551	25.50	8.311	8.514	7.493	5.278	2.158	-1.403	-4.913	-7.995	-10.445	-12.219
2561	25.60	-13.241	-13.828	-13.585	-12.558	-10.695	-8.089	-4.987	-1.732	1.347	4.044
2571	25.70	6.315	8.222	9.801	10.939	11.346	10.846	8.225	4.342	-0.741	-6.257
2581	25.80	-11.244	-14.844	-16.565	-16.399	-14.739	-12.149	-9.090	-5.740	-1.987	2.400
2591	25.90	7.528	13.179	18.760	23.438	26.387	27.059	25.341	21.571	16.404	10.625
2601	26.00	4.977	0.074	-3.629	-5.817	-6.326	-5.190	-2.696	0.604	3.961	6.597
2611	26.10	7.906	7.626	5.891	3.159	0.038	-2.900	-5.243	-6.766	-7.380	-7.067
2621	26.20	-5.863	-3.918	-1.576	0.585	1.836	1.487	-0.817	-4.899	-9.995	-14.929
2631	26.30	-18.663	-19.699	-18.370	-14.897	-10.205	-5.372	-1.223	1.655	3.435	4.392
2641	26.40	4.923	5.301	5.604	5.781	5.779	5.647	5.553	5.684	6.133	6.776
2651	26.50	7.254	7.100	5.897	3.457	-0.071	-4.204	-8.226	-11.357	-12.924	-12.509
2661	26.60	-10.045	-5.848	-0.588	4.814	9.362	12.205	12.858	11.348	8.227	4.626
2671	26.70	0.977	-1.297	-2.018	-1.316	0.283	2.108	3.614	4.555	5.003	5.217
2681	26.80	5.451	5.795	6.133	6.224	5.855	4.972	3.725	2.404	1.309	0.632
2691	26.90	0.407	0.549	0.940	1.497	2.169	2.860	3.335	3.189	1.936	-0.793
2701	27.00	-5.007	-10.208	-15.426	-19.460	-21.270	-20.347	-16.926	-11.918	-6.609	-2.210
2711	27.10	0.540	1.564	1.376	0.779	0.498	0.883	1.824	2.892	3.609	3.730
2721	27.20	3.387	3.047	3.293	4.545	6.833	9.730	12.463	14.155	14.106	12.006
2731	27.30	8.019	2.728	-3.022	-8.312	-12.323	-14.456	-14.393	-12.137	-8.019	-2.683
2741	27.40	2.968	7.896	11.110	11.886	9.964	5.651	-0.228	-6.516	-12.016	-15.788
2751	27.50	-17.350	-16.735	-14.374	-10.894	-6.899	-2.841	0.989	4.372	7.039	8.626
2761	27.60	8.732	7.093	3.776	-0.698	-5.399	-9.213	-11.184	-10.860	-8.377	-4.616
2771	27.70	-0.730	2.141	3.257	2.435	0.280	-2.545	-5.131	-6.870	-7.550	-7.328
2781	27.80	-6.567	-5.619	-4.656	-3.622	-2.288	-0.395	2.198	5.424	8.593	12.459
2791	27.90	15.344	17.258	17.997	17.595	16.306	14.539	12.747	11.308	10.414	10.020
2801	28.00	9.865	9.562	8.738	7.168	4.842	1.951	-1.215	-4.397	-7.472	-10.455
2811	28.10	-13.417	-16.326	-18.922	-20.690	-20.976	-19.227	-15.265	-9.469	-2.790	3.465
2821	28.20	7.988	9.867	8.875	5.534	0.951	-3.536	-6.761	-8.036	-7.286	-4.963
2831	28.30	-1.813	1.417	4.200	6.328	7.860	8.970	9.778	10.245	10.165	9.275
2841	28.40	7.412	6.054	4.377	2.804	-4.209	-5.302	-4.876	-3.136	-0.637	1.893
2851	28.50	3.783	4.617	4.329	3.160	1.510	-0.244	-1.881	-3.367	-4.773	-6.142
2861	28.60	-7.372	-8.199	-8.285	-7.380	-5.479	-2.876	-0.088	2.337	4.019	4.896
2871	28.70	5.200	5.287	5.405	5.501	5.194	3.934	1.302	-2.690	-7.446	-11.870
2881	28.80	-14.688	-14.886	-12.108	-6.827	-0.233	6.140	10.900	13.212	13.001	10.872
2891	28.90	7.816	4.827	2.589	1.340	0.927	1.001	1.224	1.408	1.514	1.586
2901	29.00	1.630	1.564	1.264	0.675	-0.076	-0.637	-0.525	0.689	3.152	6.576
2911	29.10	10.242	13.163	14.378	13.251	9.879	4.131	-2.488	-9.082	-14.610	-18.445
2921	29.20	-20.178	-19.919	-18.064	-15.216	-12.066	-9.262	-7.294	-6.584	-6.420	-6.986
2931	29.30	-7.477	-7.315	-6.164	-4.068	-1.432	1.156	3.210	4.593	5.605	6.851
2941	29.40	8.925	12.053	15.919	19.608	22.006	22.210	19.933	15.662	10.499	5.735
2951	29.50	2.371	0.769	0.615	1.173	1.700	1.824	1.689	1.813	2.743	4.681
2961	29.60	7.267	9.624	10.667	9.389	5.388	-1.181	-9.574	-18.689	-27.314	-34.325
2971	29.70	-38.809	-40.141	-38.054	-32.723	-24.834	-15.550	-6.335	1.368	6.518	8.768
2981	29.80	8.547	6.885	5.031	4.016	4.331	5.840	7.924	9.784	10.744	10.469
2991	29.90	8.897	6.356	3.231	-0.029	-2.968	-5.132	-6.110	-5.625	-3.665	-0.575

Table 7—10—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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)
3001	30.00	2.969	6.128	8.167	8.714	7.890	6.233	4.457	3.140	2.502	2.366
3011	30.10	2.316	1.961	1.162	0.105	-0.816	-1.239	-1.052	-0.478	0.036	0.064
3021	30.20	-0.536	-1.493	-2.196	-1.942	-0.258	2.865	6.920	11.042	14.293	15.957
3031	30.30	15.735	13.265	10.511	6.568	2.495	-1.285	-4.503	-7.006	-8.721	-9.624
3041	30.40	-9.748	-9.187	-8.096	-6.669	-5.117	-3.651	-2.476	-1.797	-1.801	-2.610
3051	30.50	-4.214	-6.410	-8.788	-10.797	-11.884	-11.652	-9.988	-7.100	-3.444	0.420
3061	30.60	3.991	6.927	9.071	10.390	10.901	10.613	9.542	7.765	5.492	3.079
3071	30.70	0.975	-0.397	-0.772	-0.119	1.356	3.304	5.348	7.180	8.591	9.445
3081	30.80	9.612	8.947	7.318	4.699	1.269	-2.552	-6.157	-8.912	-10.351	-10.326
3091	30.90	-9.055	-7.029	-4.836	-2.968	-1.698	-1.075	-1.007	-1.387	-2.174	-3.396
3101	31.00	-5.062	-7.056	-9.071	-10.653	-11.328	-10.789	-9.035	-6.407	-3.486	-0.888
3111	31.10	0.949	1.910	2.209	2.261	2.478	3.076	3.972	4.819	5.150	4.579
3121	31.20	2.971	0.518	-2.303	-4.872	-6.595	-7.062	-6.121	-3.878	-0.622	3.263
3131	31.30	7.374	11.338	14.811	17.480	19.067	19.367	18.301	15.963	12.635	8.746
3141	31.40	4.785	1.197	-1.712	-3.814	-5.139	-5.817	-6.000	-5.823	-5.393	-4.819
3151	31.50	-4.239	-3.832	-3.782	-4.219	-5.170	-6.541	-8.150	-9.804	-11.361	-12.761
3161	31.60	-13.994	-15.025	-15.731	-15.880	-15.201	-13.497	-10.767	-7.261	-3.431	0.209
3171	31.70	3.255	5.533	7.552	8.253	9.162	9.951	10.342	10.842	10.689	10.168
3181	31.80	9.535	9.137	9.235	9.842	10.664	11.198	10.938	9.608	7.302	4.464
3191	31.90	1.722	-0.353	-1.441	-1.548	-0.931	0.058	1.135	2.154	3.077	3.879
3201	32.00	4.460	4.634	4.209	3.103	1.436	-0.677	-2.238	-3.527	-4.229	-4.462
3211	32.10	-4.488	-4.557	-4.777	-5.081	-5.307	-5.344	-5.240	-5.209	-5.510	-6.265
3221	32.20	-7.317	-8.229	-8.437	-7.510	-5.377	-2.390	0.799	3.528	5.419	6.532
3231	32.30	7.293	8.214	9.552	11.082	12.216	11.786	9.469	5.150	-0.445	-6.045
3241	32.40	-10.273	-12.151	-11.445	-6.714	-5.039	-1.574	0.881	2.111	2.438	2.452
3251	32.50	2.679	3.335	4.285	5.171	5.638	5.495	4.752	3.528	1.902	-0.167
3261	32.60	-2.797	-6.020	-9.601	-12.961	-15.279	-15.773	-14.039	-10.298	-5.419	-0.691
3271	32.70	2.595	3.566	2.043	-1.418	-5.769	-9.819	-12.590	-13.546	-12.639	-10.207
3281	32.80	-6.807	-3.065	0.436	3.213	4.931	5.465	4.939	3.740	2.426	1.570
3291	32.90	1.566	2.498	4.132	6.062	7.935	9.647	11.387	13.509	16.255	19.492
3301	33.00	22.600	24.600	24.495	21.683	16.259	9.046	1.347	-5.503	-10.579	-13.612
3311	33.10	-14.958	-15.318	-15.359	-15.432	-15.494	-15.260	-14.466	-13.097	-11.439	-9.942
3321	33.20	-8.971	-8.571	-8.407	-7.890	-6.457	-3.850	-0.264	3.707	7.303	9.899
3331	33.30	11.219	11.387	10.796	9.880	8.900	7.869	6.624	5.001	3.015	0.939
3341	33.40	-0.770	-1.654	-1.470	-0.326	1.334	2.882	3.744	3.618	2.567	0.983
3351	33.50	-0.585	-1.633	-1.865	-1.252	0.025	1.691	3.501	5.311	7.063	8.723
3361	33.60	10.198	11.296	11.756	11.384	9.830	7.338	4.085	0.680	-2.990	-5.860
3371	33.70	-7.776	-8.549	-8.190	-6.915	-5.126	-3.358	-2.180	-2.054	-3.191	-5.437
3381	33.80	-8.266	-10.881	-12.450	-12.349	-10.376	-6.819	-2.361	2.150	5.962	8.614
3391	33.90	9.993	10.244	9.597	8.213	6.128	3.309	-0.213	-4.224	-8.305	-11.928
3401	34.00	-14.622	-16.140	-16.517	-16.012	-14.934	-13.482	-11.660	-9.337	-6.410	-2.985
3411	34.10	0.567	3.578	5.511	6.022	5.250	3.792	2.516	2.219	3.344	5.785
3421	34.20	8.949	11.985	14.101	14.855	14.172	12.882	10.324	8.218	6.472	5.127
3431	34.30	4.017	2.897	1.565	-0.051	-1.886	-3.753	-5.425	-6.668	-7.291	-7.181
3441	34.40	-6.319	-4.800	-2.829	-0.694	1.292	2.859	3.839	4.191	3.985	3.351
3451	34.50	2.420	1.293	0.043	-1.244	-2.425	-3.287	-3.586	-3.124	-1.878	-0.052
3461	34.60	1.919	3.469	4.073	3.426	1.562	-1.142	-4.095	-6.700	-8.573	-9.671
3471	34.70	-10.279	-10.853	-11.780	-13.158	-14.696	-15.789	-15.731	-14.015	-10.554	-5.772
3481	34.80	-0.490	4.330	7.879	9.728	9.893	8.728	6.722	4.288	1.653	-1.124
3491	34.90	-4.022	-6.902	-9.425	-11.093	-11.405	-10.062	-7.126	-3.052	1.430	5.527

Table 7—10—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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)
3501	35.00	8.623	10.430	11.019	10.714	9.916	8.935	7.907	6.804	5.537	4.082
3511	35.10	2.561	1.248	0.484	0.550	1.544	3.329	5.558	7.788	9.610	10.746
3521	35.20	11.195	11.006	10.387	9.516	8.502	7.387	6.200	5.023	4.016	3.387
3531	35.30	3.293	3.738	4.511	5.233	5.482	4.982	3.743	2.093	0.564	-0.322
3541	35.40	-0.287	0.579	1.855	2.981	3.528	3.604	2.897	2.522	2.742	3.693
3551	35.50	5.057	6.149	6.204	4.719	1.711	-2.240	-6.184	-9.148	-10.480	-10.051
3561	35.60	-8.238	-6.715	-3.174	-1.102	0.295	1.015	1.110	0.554	-0.762	-2.929
3571	35.70	-5.862	-8.255	-12.255	-14.327	-14.813	-13.550	-10.711	-7.131	-3.677	-1.160
3581	35.80	-0.048	-0.354	-1.675	-3.360	-4.727	-5.256	-4.698	-3.121	-0.847	1.630
3591	35.90	3.758	5.055	5.213	4.182	2.196	-0.273	-2.637	-4.360	-5.120	-4.901
3601	36.00	-3.988	-2.853	-1.976	-1.674	-2.002	-2.760	-3.596	-4.160	-4.234	-3.789
3611	36.10	-2.960	-1.959	-0.969	-0.080	0.714	1.472	2.229	2.956	3.550	3.870
3621	36.20	3.805	3.310	2.422	1.224	-0.207	-1.837	-3.683	-5.763	-8.025	-10.285
3631	36.30	-12.209	-13.329	-13.361	-11.946	-9.172	-5.610	-1.290	2.461	5.212	6.605
3641	36.40	5.627	5.577	3.956	2.130	0.090	-0.904	-2.249	-3.249	-4.272	-4.998
3651	36.50	-5.099	-4.262	-2.351	0.466	3.716	6.751	8.952	9.936	9.662	8.408
3661	36.60	6.623	4.741	3.028	1.554	0.254	-0.930	-1.947	-2.612	-2.679	-1.987
3671	36.70	-0.565	1.328	3.289	4.929	6.020	6.576	6.810	6.997	7.326	7.795
3681	36.80	8.222	8.344	7.966	7.059	5.782	4.403	3.177	2.243	1.598	1.138
3691	36.90	0.750	0.384	0.069	-0.132	-0.194	-0.179	-0.122	-0.459	-0.934	-1.551
3701	37.00	-2.088	-2.289	-1.975	-1.129	0.100	1.669	2.735	3.741	4.428	4.796
3711	37.10	4.838	4.514	3.790	2.716	1.513	0.570	0.355	1.227	3.254	6.114
3721	37.20	9.162	11.624	12.874	12.649	11.125	8.804	6.282	3.997	2.074	0.335
3731	37.30	-1.547	-3.830	-6.535	-9.405	-12.000	-13.877	-14.769	-14.679	-13.861	-12.708
3741	37.40	-11.612	-10.852	-10.547	-10.672	-11.099	-11.638	-12.064	-12.136	-11.623	-10.364
3751	37.50	-8.320	-5.624	-2.565	0.469	3.102	5.068	6.261	6.721	6.564	5.905
3761	37.60	4.812	3.326	1.525	-0.408	-2.170	-3.393	-3.764	-3.148	-1.665	0.337
3771	37.70	2.390	4.070	5.127	5.539	5.467	5.142	4.747	4.346	3.904	3.358
3781	37.80	2.722	1.809	1.069	2.061	3.962	4.454	4.859	5.059	6.628	8.337
3791	37.90	6.749	3.990	0.455	-3.280	-6.582	-8.898	-9.863	-9.377	-7.621	-5.018
3801	38.00	-2.143	0.413	2.172	2.878	2.533	1.361	-0.283	-2.040	-3.643	-4.956
3811	38.10	-5.959	-6.675	-7.110	-7.212	-6.896	-6.097	-4.838	-3.255	-1.572	-0.025
3821	38.20	1.224	2.140	2.817	3.412	4.063	4.817	5.614	6.330	6.851	7.135
3831	38.30	7.225	7.204	7.117	6.905	6.396	5.375	3.697	1.396	-1.265	-3.853
3841	38.40	-5.897	-7.050	-7.258	-6.897	-5.775	-4.297	-2.950	-4.396	-4.576	-4.652
3851	38.50	-4.298	-3.333	-1.790	0.097	1.987	3.543	4.528	4.845	4.531	3.712
3861	38.60	2.561	1.269	0.033	-0.968	-1.484	-1.426	-0.710	0.607	2.324	4.122
3871	38.70	5.624	6.481	6.459	5.507	3.772	1.571	-0.688	-2.610	-3.910	-4.481
3881	38.80	-4.406	-3.908	-3.268	-2.720	-2.371	-2.176	-1.969	-1.541	-0.724	0.535
3891	38.90	2.160	3.962	5.699	7.126	8.038	8.286	7.778	6.488	4.475	1.910
3901	39.00	-0.921	-3.643	-5.868	-7.301	-7.836	-7.593	-6.889	-6.123	-5.634	-5.582
3911	39.10	-5.899	-6.326	-6.535	-6.256	-5.384	-4.012	-2.382	-0.797	0.479	1.293
3921	39.20	1.621	1.555	1.253	0.893	0.636	0.601	0.840	1.338	2.008	2.711
3931	39.30	3.297	3.641	3.685	3.436	2.952	2.296	1.504	0.579	-0.484	-1.647
3941	39.40	-2.792	-3.727	-4.238	-4.179	-3.545	-2.499	-1.329	-0.338	0.271	0.471
3951	39.50	0.403	0.300	0.367	0.684	1.178	1.672	1.984	2.015	1.798	1.464
3961	39.60	1.167	1.010	1.007	1.110	1.276	1.518	1.921	2.581	3.523	4.620
3971	39.70	5.592	6.079	5.782	4.599	2.691	0.443	-1.667	-3.238	-4.079	-4.247
3981	39.80	-3.984	-3.574	-3.209	-2.906	-2.522	-1.846	-0.720	0.864	2.734	4.587
3991	39.90	6.077	6.925	6.983	6.268	4.939	3.252	1.504	-0.019	-1.090	-1.576

Table 7—10—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	-1.458	-0.843	0.070	1.031	1.804	2.232	2.259	1.934	1.367	0.680
4011	40.10	-0.039	-0.751	-1.453	-2.148	-2.813	-3.384	-3.766	-3.859	-3.593	-2.952
4021	40.20	-1.990	-0.828	0.356	1.350	1.946	1.976	1.377	0.216	-1.296	-2.845
4031	40.30	-4.090	-4.767	-4.773	-4.197	-3.289	-2.364	-1.697	-1.433	-1.564	-1.969
4041	40.40	-2.492	-3.010	-3.477	-3.896	-4.276	-4.586	-4.744	-4.655	-4.272	-3.638
4051	40.50	-2.882	-2.155	-1.566	-1.016	-0.397	0.524	1.880	3.617	5.457	6.974
4061	40.60	7.764	7.521	6.367	4.549	2.632	1.090	0.249	0.182	0.729	1.606
4071	40.70	2.535	3.334	3.945	4.393	4.721	4.947	5.059	5.044	4.923	4.757
4081	40.80	4.613	4.385	4.385	4.094	3.682	2.473	1.140	-0.281	-1.453	-2.053
4091	40.90	-1.891	-0.975	0.496	2.198	3.788	4.987	5.621	5.621	4.998	3.832
4101	41.00	2.271	0.537	-1.083	-2.296	-2.879	-2.790	-2.191	-1.414	-0.842	-0.748
4111	41.10	-1.172	-1.893	-2.525	-2.694	-2.218	-1.214	-0.070	0.706	0.699	-0.241
4121	41.20	-1.962	-3.987	-5.890	-7.292	-8.085	-8.410	-8.554	-8.778	-9.186	-9.675
4131	41.30	-9.997	-9.889	-9.214	-8.040	-6.629	-5.340	-4.490	-4.243	-4.557	-5.221
4141	41.40	-5.969	-6.454	-6.730	-6.673	-6.447	-6.197	-6.013	-5.875	-5.657	-5.181
4151	41.50	-4.292	-2.936	-1.201	0.702	2.492	3.902	4.755	5.005	4.734	4.102
4161	41.60	3.293	2.455	1.681	1.016	0.492	0.150	0.062	0.310	0.955	2.010
4171	41.70	3.417	5.059	6.787	8.450	9.917	11.078	11.898	12.109	11.815	10.920
4181	41.80	9.461	7.574	5.484	3.469	1.792	0.635	0.057	-0.009	0.290	0.278
4191	41.90	1.313	1.805	2.216	2.523	2.685	2.630	2.266	1.519	0.384	-1.047
4201	42.00	-2.580	-3.953	-4.895	-5.189	-4.737	-3.590	-1.944	-0.111	1.551	2.718
4211	42.10	3.182	2.907	2.053	0.941	-0.025	-0.468	-0.143	0.989	2.749	4.787
4221	42.20	6.681	8.053	8.654	8.423	7.470	6.030	4.386	2.800	1.466	0.486
4231	42.30	-0.122	-0.404	-0.441	-0.326	-0.136	0.076	0.291	0.516	0.767	1.050
4241	42.40	1.337	1.573	1.683	1.605	1.316	0.850	0.285	-0.287	-0.800	-1.238
4251	42.50	-1.634	-2.032	-2.442	-2.802	-2.982	-2.827	-2.241	-1.256	-0.069	0.992
4261	42.60	1.561	1.355	0.285	-1.507	-3.689	-5.838	-7.577	-8.677	-9.100	-8.975
4271	42.70	-8.511	-7.914	-7.324	-6.781	-6.265	-5.729	-5.137	-4.483	-3.786	-3.079
4281	42.80	-2.396	-1.779	-1.272	-0.921	-0.751	-0.742	-0.801	-0.781	-0.521	0.075
4291	42.90	0.979	2.009	2.872	3.264	2.988	2.050	0.667	-0.797	-1.969	-2.601
4301	43.00	-2.657	-2.304	-1.825	-1.486	-1.430	-1.630	-1.932	-2.166	-2.142	-1.905
4311	43.10	-1.527	-1.140	-0.854	-0.704	-0.662	-0.682	-0.748	-0.895	-1.188	-1.656
4321	43.20	-2.242	-2.782	-3.054	-2.867	-2.169	-1.005	0.308	1.667	2.198	2.372
4331	43.30	2.037	1.378	0.638	0.024	-0.339	-0.410	-0.194	0.303	1.086	2.149
4341	43.40	3.444	4.832	6.101	7.016	7.407	7.242	6.651	5.889	5.245	4.938
4351	43.50	5.041	5.469	6.025	6.477	6.641	6.422	5.820	4.908	3.794	2.608
4361	43.60	1.488	0.587	0.049	-0.025	0.372	1.120	1.976	2.630	2.797	2.318
4371	43.70	1.223	-0.272	-1.830	-3.104	-3.839	-3.937	-3.467	-2.617	-1.627	-0.721
4381	43.80	-0.068	0.233	0.156	-0.260	-0.917	-1.664	-2.325	-2.741	-2.820	-2.567
4391	43.90	-2.090	-1.552	-1.099	-0.800	-0.609	-0.402	-0.044	0.520	1.221	1.868
4401	44.00	2.225	2.109	1.467	0.405	-0.863	-2.092	-3.092	-3.766	-4.096	-4.095
4411	44.10	-3.764	-3.078	-2.634	-0.700	0.745	2.038	2.907	3.187	2.883	2.176
4421	44.20	1.329	0.556	-0.081	-0.689	-1.454	-2.487	-3.686	-4.710	-5.083	-4.611
4431	44.30	-2.608	-0.010	2.682	4.632	5.180	4.101	1.698	-1.318	-4.100	-5.977
4441	44.40	-6.669	-6.316	-5.342	-4.218	-3.256	-2.520	-1.886	-1.196	-0.416	0.297
4451	44.50	0.651	0.370	-0.642	-2.216	-3.946	-5.339	-5.994	-5.751	-4.734	-3.274
4461	44.60	-1.763	-0.501	0.395	0.990	1.456	1.956	2.561	3.220	3.802	4.174
4471	44.70	4.287	4.221	4.175	4.395	5.080	6.284	7.865	9.489	10.710	11.100
4481	44.80	10.386	8.555	5.881	2.867	0.093	-1.946	-2.997	-3.102	-2.567	-1.827
4491	44.90	-1.296	-1.235	-1.708	-2.616	-3.791	-5.086	-6.419	-7.749	-9.004	-10.015

Table 7—10—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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	-10.503	-10.149	-8.718	-6.187	-2.826	0.835	4.133	6.458	7.428	6.989
4511	45.10	5.410	3.181	0.865	-1.050	-2.240	-2.576	-2.102	-0.984	0.539	2.188
4521	45.20	3.681	4.762	5.245	5.062	4.287	3.129	1.884	0.848	0.233	0.095
4531	45.30	0.325	0.689	0.910	0.783	0.150	-0.870	-2.102	-3.277	-4.136	-4.501
4541	45.40	-4.329	-3.711	-2.864	-1.967	-1.288	-0.925	-0.874	-1.026	-1.205	-1.241
4551	45.50	-1.027	-0.551	0.104	0.806	1.427	1.891	2.194	2.382	2.504	2.568
4561	45.60	2.518	2.253	1.683	0.800	-0.283	-1.326	-2.030	-2.131	-1.509	-0.247
4571	45.70	1.367	2.925	4.018	4.367	3.913	2.820	1.421	0.100	-0.829	-1.210
4581	45.80	-1.065	-0.567	0.042	0.533	0.758	0.673	0.339	-0.112	-0.506	-0.664
4591	45.90	-0.426	0.314	1.585	3.305	5.268	7.163	8.618	9.288	8.937	7.516
4601	46.00	5.185	2.285	-0.742	-3.458	-5.526	-6.772	-7.203	-6.973	-6.328	-5.532
4611	46.10	-4.808	-4.293	-4.025	-3.947	-3.939	-3.862	-3.608	-3.146	-2.536	-1.920
4621	46.20	-1.468	-1.313	-1.495	-1.926	-2.416	-2.737	-2.705	-2.251	-1.452	-0.499
4631	46.30	0.379	0.994	1.274	1.278	1.163	1.126	1.327	1.846	2.664	3.679
4641	46.40	4.739	5.678	6.338	6.592	6.361	5.634	4.477	3.042	1.538	0.190
4651	46.50	-0.820	-1.395	-1.545	-1.367	-1.003	-0.588	-0.221	0.038	0.152	0.086
4661	46.60	-0.195	-0.702	-1.380	-2.086	-2.606	-2.713	-2.263	-1.278	0.033	1.322
4671	46.70	2.224	2.488	2.076	1.169	0.083	-0.878	-1.545	-1.952	-2.291	-2.792
4681	46.80	-3.184	-4.003	-5.598	-6.232	-6.234	-5.521	-4.251	-2.763	-1.447	-0.604
4691	46.90	-0.346	-0.592	-1.129	-1.721	-2.198	-2.489	-2.598	-2.554	-2.355	-1.961
4701	47.00	-1.315	-0.392	0.772	2.074	3.375	4.548	5.508	6.215	6.653	6.811
4711	47.10	6.677	6.261	5.639	4.972	4.478	4.362	4.714	5.434	6.223	6.672
4721	47.20	6.404	5.226	3.228	0.759	-1.690	-3.654	-4.852	-5.252	-5.038	-4.494
4731	47.30	-3.880	-3.345	-2.918	-2.571	-2.285	-2.102	-2.104	-2.360	-2.849	-3.446
4741	47.40	-3.944	-4.148	-3.958	-3.412	-2.658	-1.876	-1.178	-0.577	0.009	0.668
4751	47.50	1.401	2.081	2.481	2.375	1.663	0.440	-1.016	-2.339	-3.225	-3.547
4761	47.60	-3.387	-2.975	-2.567	-2.317	-2.216	-2.117	-1.829	-1.229	-0.335	0.698
4771	47.70	1.639	2.280	2.509	2.330	1.837	1.156	0.404	-0.326	-0.993	-1.347
4781	47.80	-1.403	-0.997	-0.079	1.286	2.906	4.499	5.770	6.495	6.575	6.041
4791	47.90	5.017	3.663	2.133	0.556	-0.953	-2.277	-3.296	-3.904	-4.064	-3.816
4801	48.00	-3.287	-2.665	-2.037	-1.537	-1.126	-0.727	-0.263	0.278	0.819	1.224
4811	48.10	1.359	1.172	0.734	0.224	-0.133	-0.161	0.199	0.857	1.603	2.182
4821	48.20	2.368	2.034	1.368	0.133	-1.697	-3.315	-4.767	-5.863	-6.360	-6.193
4831	48.30	-5.297	-3.737	-1.693	0.558	2.694	4.609	5.479	5.814	5.467	4.615
4841	48.40	3.511	2.418	1.546	1.005	0.791	0.804	0.897	0.938	0.865	0.713
4851	48.50	0.601	0.672	1.032	1.683	2.512	3.322	3.909	4.144	4.025	3.673
4861	48.60	3.272	2.974	2.828	2.745	2.543	2.035	1.129	-0.112	-1.473	-2.661
4871	48.70	-3.414	-3.602	-3.270	-2.620	-1.927	-1.445	-1.322	-1.573	-2.097	-2.735
4881	48.80	-3.325	-3.754	-3.965	-3.955	-3.755	-3.411	-2.981	-2.526	-2.101	-1.749
4891	48.90	-1.482	-1.279	-1.092	-0.869	-0.585	-0.257	0.055	0.277	0.356	0.290
4901	49.00	0.136	-0.014	-0.073	0.002	0.185	0.399	0.556	0.602	0.565	0.452
4911	49.10	0.413	0.486	0.668	0.890	1.054	1.088	0.991	0.847	0.788	0.935
4921	49.20	1.326	1.885	2.438	2.784	2.774	2.389	1.748	1.077	0.612	0.514
4931	49.30	0.805	1.355	1.946	2.340	2.364	1.954	1.150	0.066	-1.163	-2.415
4941	49.40	-3.590	-4.599	-5.342	-5.714	-5.621	-5.021	-3.988	-2.619	-1.214	-0.010
4951	49.50	0.791	1.102	0.923	0.564	0.081	-0.294	-0.459	-0.407	-0.202	0.068
4961	49.60	0.333	0.570	0.803	1.068	1.389	1.749	2.090	2.335	2.413	2.288
4971	49.70	1.962	1.473	0.874	0.212	-0.473	-1.142	-1.741	-2.192	-2.395	-2.266
4981	49.80	-1.770	-0.967	-0.021	0.823	1.503	1.224	0.535	0.441	-2.030	-3.286
4991	49.90	-4.100	-4.299	-3.896	-3.071	-2.094	-1.224	-0.612	-0.268	-0.086	0.081

Table 7—10—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) I= 17.04 (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)
5001	50.00	0.336	0.677	1.000	1.150	1.008	0.559	-0.084	-0.715	-1.112	-1.127
5011	50.10	-0.742	-0.062	0.729	1.453	2.006	2.382	2.653	2.914	3.222	3.564
5021	50.20	3.860	4.011	3.945	3.655	3.204	2.695	2.222	1.835	1.522	1.221
5031	50.30	0.860	0.388	-0.198	-0.853	-1.497	-2.036	-2.381	-2.468	-2.257	-1.748
5041	50.40	-0.985	-0.062	0.879	1.674	2.174	2.283	1.996	1.606	0.676	-0.006
5051	50.50	-0.482	-0.667	-0.558	-0.217	0.268	0.830	1.289	1.956	2.510	3.028
5061	50.60	3.467	3.767	3.872	3.750	3.397	2.839	2.118	1.287	0.405	-0.454
5071	50.70	-1.193	-1.701	-1.881	-1.688	-1.162	-0.442	0.263	0.736	0.823	0.486
5081	50.80	-0.184	-1.009	-1.799	-2.421	-2.847	-3.141	-3.407	-3.722	-4.091	-4.446
5091	50.90	-4.684	-4.734	-4.602	-4.378	-4.193	-4.152	-4.271	-4.465	-4.584	-4.491
5101	51.00	-4.134	-3.589	-3.028	-2.652	-2.595	-2.856	-3.293	-3.679	-3.790	-3.498
5111	51.10	-2.817	-1.870	-0.928	-0.130	0.378	0.571	0.509	0.292	0.025	-0.207
5121	51.20	-0.345	-0.339	-0.188	0.261	0.894	1.713	2.632	3.529	4.278	4.771
5131	51.30	4.949	4.802	4.365	3.698	2.883	2.018	1.214	0.584	0.224	0.184
5141	51.40	0.443	0.908	1.437	1.893	2.187	2.308	2.320	2.311	2.345	2.415
5151	51.50	2.443	2.318	1.959	1.370	0.654	-0.016	-0.471	-0.614	-0.460	-0.128
5161	51.60	0.221	0.454	0.524	0.476	0.411	0.426	0.555	0.757	0.944	1.039
5171	51.70	1.022	0.948	0.925	1.051	1.360	1.801	2.254	2.587	2.722	2.661
5181	51.80	2.483	2.286	2.137	2.025	1.873	1.587	1.123	0.532	0.040	-0.406
5191	51.90	-0.419	-0.049	0.594	1.286	1.772	1.862	1.689	0.730	-0.245	-1.240
5201	52.00	-2.106	-2.776	-3.252	-3.571	-3.757	-3.795	-3.648	-3.283	-2.711	-2.011
5211	52.10	-1.307	-0.738	-0.407	-0.349	-0.528	-0.861	-1.249	-1.608	-1.881	-2.029
5221	52.20	-2.016	-1.806	-1.374	-0.729	0.066	0.891	1.597	2.069	2.180	2.012
5231	52.30	1.654	1.250	0.923	0.730	0.642	0.573	0.428	0.153	-0.243	-0.695
5241	52.40	-1.125	-1.484	-1.776	-2.056	-2.377	-2.780	-3.242	-3.697	-4.069	-4.314
5251	52.50	-4.438	-4.492	-4.526	-4.550	-4.558	-4.544	-4.463	-4.351	-0.881	0.730
5261	52.60	2.174	3.458	3.458	3.085	2.189	1.049	-0.033	-0.829	-1.241	-1.295
5271	52.70	-1.099	-0.770	-0.384	0.049	0.565	1.206	1.971	2.811	3.618	4.263
5281	52.80	4.635	4.666	4.354	3.754	2.965	2.106	1.297	0.660	0.201	0.011
5291	52.90	0.058	0.296	0.661	1.085	1.509	1.891	2.199	2.404	2.472	2.365
5301	53.00	2.055	1.537	0.847	0.061	-0.719	-1.395	-1.894	-2.187	-2.291	-2.243
5311	53.10	-2.089	-1.859	-1.572	-1.266	-0.919	-0.553	-0.525	-0.602	-0.903	-1.382
5321	53.20	-1.927	-2.392	-2.641	-2.598	-2.278	-1.774	-1.231	-0.791	-0.549	-0.525
5331	53.30	-0.675	-0.916	-1.162	-1.357	-1.482	-1.547	-1.566	-1.535	-1.426	-1.191
5341	53.40	-0.789	-0.212	0.500	1.260	1.961	2.504	2.831	2.943	2.893	2.766
5351	53.50	2.644	2.584	2.608	2.711	2.877	3.100	3.383	3.729	4.114	4.474
5361	53.60	4.699	4.660	4.255	3.457	2.343	1.082	-0.100	-0.993	-1.467	-1.507
5371	53.70	-1.209	-0.735	-0.251	0.125	0.355	0.468	0.526	0.580	0.647	0.697
5381	53.80	0.680	0.547	0.279	-0.111	-0.580	-1.070	-1.599	-1.866	-2.050	-2.011
5391	53.90	-1.702	-1.113	-0.289	0.653	1.538	2.172	2.392	2.114	1.365	0.273
5401	54.00	-0.970	-2.158	-3.123	-3.766	-4.047	-3.998	-3.670	-3.136	-2.478	-1.788
5411	54.10	-1.173	-0.739	-0.570	-0.697	-1.082	-1.614	-2.140	-2.506	-2.615	-2.457
5421	54.20	-2.116	-1.736	-1.471	-1.421	-1.594	-1.902	-2.190	-2.297	-2.114	-1.627
5431	54.30	-0.921	-0.147	0.533	1.002	1.222	1.233	1.123	0.981	0.857	0.748
5441	54.40	0.613	0.407	0.120	-0.212	-0.511	-0.692	-0.700	-0.530	-0.232	0.117
5451	54.50	0.444	0.698	0.858	0.916	0.852	0.634	0.228	-0.362	-1.065	-1.734
5461	54.60	-2.171	-2.196	-1.718	-0.788	0.401	1.565	2.429	2.810	2.681	2.159
5471	54.70	1.455	0.782	0.285	0.010	-0.084	-0.080	-0.045	-0.007	0.051	0.166
5481	54.80	0.361	0.637	0.974	1.352	1.760	2.199	2.656	3.085	3.401	3.499
5491	54.90	3.307	2.835	2.202	1.609	1.274	1.339	1.798	2.483	3.115	3.412

Table 7—10—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) I= 17.04 (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)
5501	55.00	3.193	2.459	1.387	0.264	-0.625	-1.097	-1.120	-0.798	-0.306	0.199
5511	55.10	0.628	0.974	1.270	1.537	1.739	1.788	1.578	1.045	0.212	-0.304
5521	55.20	-1.827	-2.486	-3.272	-3.570	-3.661	-3.582	-3.380	-3.373	-3.261	-3.122
5531	55.30	-2.954	-2.791	-2.694	-2.717	-2.874	-3.116	-3.340	-3.422	-3.269	-2.851
5541	55.40	-2.214	-1.457	-0.699	-0.042	0.453	0.760	0.883	0.834	0.628	0.283
5551	55.50	-0.170	-0.686	-1.203	-1.676	-2.068	-2.361	-2.546	-2.605	-2.504	-2.199
5561	55.60	-1.662	-0.917	-0.058	0.759	1.349	1.566	1.353	0.770	-0.023	-0.820
5571	55.70	-1.434	-1.755	-1.766	-1.529	-1.148	-0.725	-0.337	-0.033	0.161	0.241
5581	55.80	0.228	0.184	0.212	0.436	0.949	1.759	2.745	3.674	4.259	4.271
5591	55.90	3.640	2.500	1.166	0.026	-0.600	-0.573	0.021	0.919	1.796	2.399
5601	56.00	2.632	2.568	2.384	2.261	2.294	2.460	2.648	2.757	2.667	2.477
5611	56.10	2.284	2.220	2.361	2.684	3.071	3.366	3.443	3.260	2.873	2.410
5621	56.20	2.005	1.749	1.652	1.653	1.650	1.550	1.307	0.928	0.467	-0.001
5631	56.30	-0.413	-0.731	-0.952	-1.092	-1.180	-1.248	-1.324	-1.434	-1.602	-1.845
5641	56.40	-2.166	-2.540	-2.917	-3.217	-3.357	-3.271	-2.945	-2.426	-1.823	-1.278
5651	56.50	-0.923	-0.833	-1.003	-1.344	-1.719	-1.994	-2.082	-1.971	-1.712	-1.388
5661	56.60	-1.068	-0.780	-0.517	-0.260	-0.028	0.107	0.031	-0.360	-1.089	-2.045
5671	56.70	-2.986	-3.596	-3.590	-2.826	-1.376	0.480	2.330	3.759	4.474	4.382
5681	56.80	3.597	2.379	1.037	-0.163	-1.052	-1.573	-1.745	-1.628	-1.292	-0.810
5691	56.90	-0.259	0.270	0.676	0.876	0.831	0.567	0.170	-0.235	-0.536	-0.672
5701	57.00	-0.653	-0.552	-0.472	-0.501	-0.678	-0.976	-1.317	-1.604	-1.754	-1.724
5711	57.10	-1.522	-1.195	-0.813	-0.441	-0.131	0.095	0.283	0.298	0.316	0.314
5721	57.20	0.320	0.365	0.476	0.622	0.961	1.350	1.743	2.147	2.478	2.684
5731	57.30	2.734	2.632	2.417	2.144	1.870	1.632	1.437	1.269	1.104	0.932
5741	57.40	0.773	0.673	0.689	0.860	1.180	1.587	1.968	2.193	2.150	1.785
5751	57.50	1.115	0.232	-0.728	-1.617	-2.312	-2.736	-2.872	-2.756	-2.455	-2.067
5761	57.60	-1.677	-1.353	-1.130	-1.003	-0.931	-0.853	-0.703	-0.438	-0.059	0.389
5771	57.70	0.818	1.128	1.237	1.111	0.779	0.327	-0.124	-0.456	-0.587	-0.490
5781	57.80	-0.201	0.200	0.618	0.973	1.218	1.346	1.382	1.365	1.333	1.312
5791	57.90	1.313	1.340	1.389	1.449	1.499	1.500	1.395	1.118	0.617	-0.120
5801	58.00	-1.068	-2.062	-3.015	-3.759	-4.186	-4.259	-4.027	-3.598	-3.106	-2.668
5811	58.10	-2.350	-2.165	-2.081	-2.056	-2.058	-2.081	-2.138	-2.266	-2.404	-2.588
5821	58.20	-2.752	-2.850	-2.848	-2.746	-2.572	-2.375	-2.206	-2.107	-2.097	-2.173
5831	58.30	-2.314	-2.483	-2.628	-2.686	-2.591	-2.282	-1.725	-0.924	0.069	1.161
5841	58.40	2.238	3.192	3.944	4.458	4.739	4.818	4.734	4.520	4.198	3.785
5851	58.50	3.305	2.795	2.306	1.894	1.602	1.447	1.413	1.450	1.492	1.472
5861	58.60	1.341	1.087	0.735	0.352	0.026	-0.149	-0.209	-0.207	0.144	1.427
5871	58.70	2.122	2.623	2.936	2.809	2.263	1.345	0.172	-1.090	-2.263	-3.187
5881	58.80	-3.752	-3.917	-3.710	-3.219	-2.566	-1.879	-1.263	-0.779	-0.443	-0.235
5891	58.90	-0.119	-0.073	-0.092	-0.192	-0.391	-0.688	-1.043	-1.381	-1.608	-1.642
5901	59.00	-1.442	-1.025	-0.458	0.167	0.772	1.316	1.793	2.240	2.686	3.138
5911	59.10	3.566	3.911	4.115	4.141	3.994	3.717	3.373	3.017	2.683	2.378
5921	59.20	2.093	1.825	1.588	1.414	1.340	1.381	1.520	1.698	1.834	1.843
5931	59.30	1.667	1.285	0.720	0.019	-0.757	-1.542	-2.276	-2.893	-3.326	-3.508
5941	59.40	-3.392	-2.966	-2.268	-1.393	-0.470	0.365	1.003	1.392	1.562	1.515
5951	59.50	1.399	1.276	1.198	1.179	1.196	1.207	1.187	1.046	0.834	0.546
5961	59.60	0.216	-0.113	-0.397	-0.599	-0.697	-0.685	-0.580	-0.416	-0.239	-0.104
5971	59.70	-0.058	-0.131	-0.324	-0.603	-0.894	-1.103	-1.137	-0.936	-0.506	0.069
5981	59.80	0.635	1.010	1.039	0.657	-0.078	-0.990	-1.830	-2.356	-2.408	-1.973
5991	59.90	-1.172	-0.224	0.638	1.240	1.517	1.511	1.331	1.091	0.855	0.626

Table 7—10—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1157 S03-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) I= 17.04 (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)
6001	60.00	0.353	-0.020	-0.515	-1.097	-1.686	-2.175	-2.491	-2.599	-2.516	-2.296
6011	60.10	-2.001	-1.684	-1.382	-1.125	-0.959	-0.855	-0.895	-1.064	-1.335	-1.655
6021	60.20	-1.961	-2.202	-2.360	-2.445	-2.488	-2.510	-2.507	-2.453	-2.313	-2.074
6031	60.30	-1.764	-1.449	-1.204	-1.079	-1.063	-1.079	-1.016	-0.977	-0.929	-0.273
6041	60.40	0.901	1.408	1.683	1.702	1.529	1.290	1.114	1.078	1.180	1.356
6051	60.50	1.506	1.567	1.524	1.426	1.351	1.365	1.486	1.672	1.832	1.868
6061	60.60	1.708	1.361	0.814	0.219	-0.343	-0.790	-1.080	-1.223	-1.266	-1.273
6071	60.70	-1.355	-1.435	-1.645	-1.918	-2.199	-2.419	-2.513	-2.444	-2.208	-1.843
6081	60.80	-1.417	-1.012	-0.706	-0.551	-0.578	-0.778	-1.111	-1.515	-1.913	-2.231
6091	60.90	-2.410	-2.419	-2.262	-1.977	-1.619	-1.240	-0.874	-0.524	-0.174	0.194
6101	61.00	0.574	0.930	1.196	1.308	1.236	1.014	0.737	0.538	0.561	0.814
6111	61.10	1.337	2.012	2.699	3.263	3.622	3.762	3.722	3.568	3.351	3.095
6121	61.20	2.803	2.477	2.163	1.853	1.667	1.623	1.702	1.824	1.872	1.739
6131	61.30	1.382	0.844	0.251	-0.235	-0.477	-0.412	-0.071	0.443	1.001	1.505
6141	61.40	1.907	2.218	2.469	2.678	2.824	2.856	2.714	2.379	1.884	1.322
6151	61.50	0.808	0.431	0.225	0.151	0.123	0.051	-0.122	-0.395	-0.721	-1.031
6161	61.60	-1.281	-1.464	-1.618	-1.797	-2.041	-2.357	-2.711	-3.047	-3.311	-3.470
6171	61.70	-3.511	-3.442	-3.266	-2.985	-2.604	-2.144	-1.655	-1.211	-0.886	-0.720
6181	61.80	-0.685	-0.692	-0.617	-0.353	0.134	0.783	1.458	2.002	2.310	2.372
6191	61.90	2.284	2.195	2.240	2.470	2.827	3.169	3.338	3.227	2.832	2.245
6201	62.00	1.605	1.035	0.594	0.264	-0.014	-0.283	-0.533	-0.687	-0.645	-0.333
6211	62.10	0.241	0.972	1.692	2.231	2.485	2.447	2.199	1.871	1.578	1.375
6221	62.20	1.254	1.164	1.055	0.902	0.720	0.533	0.356	0.165	-0.088	-0.453
6231	62.30	-0.939	-1.494	-2.012	-2.373	-2.488	-2.349	-2.027	-1.653	-1.362	-1.241
6241	62.40	-1.298	-1.469	-1.651	-1.746	-1.703	-1.530	-1.282	-1.034	-0.852	-0.773
6251	62.50	-0.807	-0.943	-1.161	-1.435	-1.730	-2.000	-2.189	-2.238	-2.111	-1.806
6261	62.60	-1.369	-0.882	-0.443	-0.133	0.002	-0.039	-0.216	-0.475	-0.760	-1.031
6271	62.70	-1.259	-1.420	-1.487	-1.436	-1.256	-0.970	-0.638	-0.355	-0.219	-0.298
6281	62.80	-0.588	-1.015	-1.447	-1.824	-1.671	-1.365	-1.036	-0.796	-0.709	
6291	62.90	-0.739	-0.782	-0.715	-0.454	0.002	0.562	1.086	1.436	1.537	1.396
6301	63.00	1.090	0.723	0.381	0.100	-0.122	-0.303	-0.438	-0.491	-0.402	-0.128
6311	63.10	0.326	0.687	1.435	1.865	2.033	1.986	1.751	1.398	0.982	0.516
6321	63.20	-0.009	-0.590	-1.165	-1.601	-1.723	-1.385	-0.547	0.683	2.064	3.293
6331	63.30	4.111	4.394	4.184	3.653	3.024	2.477	2.087	1.830	1.628	1.416
6341	63.40	1.183	0.974	0.846	0.811	0.811	0.723	0.423	-0.151	-0.965	-1.798
6351	63.50	-2.494	-2.849	-2.784	-2.352	-1.715	-1.021	-0.583	-0.324	-0.274	-0.366
6361	63.60	-0.445	-0.501	-0.494	-0.448	-0.402	-0.396	-0.450	-0.561	-0.707	-0.864
6371	63.70	-0.909	-0.823	-0.517	0.040	0.805	1.652	2.387	2.805	2.761	2.234
6381	63.80	1.344	0.321	-0.575	-1.150	-1.333	-1.201	-0.926	-0.696	-0.641	-0.785
6391	63.90	-1.054	-1.324	-1.484	-1.479	-1.325	-1.087	-0.842	-0.647	-0.529	-0.496
6401	64.00	-0.552	-0.702	-0.949	-1.269	-1.606	-1.861	-1.965	-1.799	-1.438	-0.955
6411	64.10	-0.496	-0.203	-0.166	-0.383	-0.776	-1.222	-1.606	-1.853	-1.955	-1.924
6421	64.20	-1.776	-1.493	-1.034	-0.353	0.548	1.596	2.615	3.511	4.031	4.122
6431	64.30	3.807	3.206	2.487	1.812	1.289	0.951	0.773	0.702	0.692	0.731
6441	64.40	0.782	0.871	0.959	0.999	0.932	0.719	0.362	-0.083	-0.519	-0.838
6451	64.50	-0.958	-0.843	-0.513	-0.032	0.511	1.028	1.442	1.698	1.756	1.597
6461	64.60	1.227	0.685	0.043	-0.601	-1.147	-1.519	-1.687	-1.678	-1.555	-1.389
6471	64.70	-1.227	-1.074	-0.901	-0.668	-0.363	-0.025	0.263	0.404	0.334	0.064
6481	64.80	-0.313	-0.648	-0.793	-0.662	-0.269	0.280	0.829	1.242	1.456	1.504
6491	64.90	1.490	1.530	1.696	1.981	2.303	2.552	2.644	2.560	2.349	2.095

Table 7—10—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1157 S03-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) I= 17.04 (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)
6501	65.00	1.869	1.682	1.484	1.190	0.730	0.103	-0.613	-1.282	-1.763	-1.968
6511	65.10	-1.896	-1.625	-1.274	-0.949	-0.704	-0.534	-0.396	-0.255	-0.116	-0.025
6521	65.20	-0.050	-0.234	-0.566	-0.957	-1.287	-1.425	-1.292	-0.886	-0.278	0.415
6531	65.30	1.068	1.582	1.897	1.991	1.872	1.565	1.113	0.585	0.073	-0.318
6541	65.40	-0.493	-0.402	-0.055	0.471	1.057	1.583	1.968	2.188	2.272	2.282
6551	65.50	2.271	2.263	2.244	2.178	2.025	1.761	1.384	0.905	0.337	-0.313
6561	65.60	-1.033	-1.793	-2.528	-3.139	-3.516	-3.574	-3.298	-2.753	-2.079	-1.441
6571	65.70	-0.971	-0.723	-0.652	-0.645	-0.575	-0.361	-0.242	-0.376	-0.658	-0.702
6581	65.80	0.447	-0.073	-0.738	-1.393	-1.902	-2.194	-2.275	-2.202	-2.051	-1.866
6591	65.90	-1.653	-1.379	-1.012	-0.551	-0.047	0.401	0.684	0.718	0.482	0.027
6601	66.00	-0.544	-1.113	-1.582	-1.908	-2.095	-2.185	-2.221	-2.228	-2.201	-2.122
6611	66.10	-1.974	-1.766	-1.535	-1.341	-1.237	-1.250	-1.366	-1.532	-1.679	-1.747
6621	66.20	-1.711	-1.584	-1.413	-1.253	-1.148	-1.107	-1.113	-1.124	-1.099	-1.009
6631	66.30	-0.852	-0.641	-0.402	-0.155	0.091	0.339	0.596	0.862	1.126	1.359
6641	66.40	1.527	1.601	1.572	1.454	1.286	1.120	1.007	0.982	1.058	1.221
6651	66.50	1.442	1.679	1.894	2.051	2.123	2.090	1.966	1.695	1.366	1.000
6661	66.60	0.667	0.430	0.337	0.402	0.594	0.851	1.097	1.272	1.352	1.355
6671	66.70	1.325	1.303	1.299	1.280	1.180	0.930	0.500	-0.076	-0.699	-1.236
6681	66.80	-1.568	-1.641	-1.685	-1.208	-0.966	-0.806	-0.824	-0.948	-1.065	-1.054
6691	66.90	-0.841	-0.440	0.059	0.516	0.805	0.856	0.684	0.375	0.047	-0.193
6701	67.00	-0.287	-0.236	-0.090	0.086	0.235	0.330	0.373	0.386	0.391	0.399
6711	67.10	0.410	0.415	0.406	0.379	0.339	0.294	0.268	0.201	0.151	0.095
6721	67.20	0.039	-0.002	-0.003	0.060	0.203	0.424	0.700	0.986	1.230	1.382
6731	67.30	1.414	1.327	1.159	0.974	0.839	0.809	0.899	1.084	1.303	1.488
6741	67.40	1.583	1.571	1.475	1.343	1.229	1.160	1.134	1.121	1.086	1.011
6751	67.50	0.913	0.832	0.811	0.865	0.961	1.021	0.948	0.666	0.156	-0.528
6761	67.60	-1.273	-1.945	-2.429	-2.658	-2.626	-2.370	-1.961	-1.387	-0.740	-0.026
6771	67.70	0.709	1.397	1.941	2.244	2.238	1.913	1.331	0.608	-0.113	-0.703
6781	67.80	-1.078	-1.213	-1.136	-0.913	-0.621	-0.330	-0.090	0.078	0.179	0.240
6791	67.90	0.298	0.382	0.504	0.666	0.762	0.795	0.698	0.459	0.107	-0.293
6801	68.00	-0.666	-0.957	-1.154	-1.282	-1.387	-1.499	-1.614	-1.684	-1.643	-1.444
6811	68.10	-1.100	-0.689	-0.345	-0.205	-0.362	-0.824	-1.511	-2.282	-2.980	-3.481
6821	68.20	-3.723	-3.710	-3.490	-3.135	-2.716	-2.299	-1.937	-1.679	-1.556	-1.574
6831	68.30	-1.706	-1.887	-2.032	-2.059	-1.920	-1.606	-1.150	-0.801	-0.003	0.621
6841	68.40	1.270	1.938	2.602	3.207	3.677	3.945	3.979	3.801	3.479	3.103
6851	68.50	2.743	2.432	2.159	1.894	1.626	1.380	1.223	1.234	1.453	1.894
6861	68.60	2.433	2.928	3.220	3.191	2.805	2.117	1.253	0.369	-0.393	-0.934
6871	68.70	-1.218	-1.264	-1.136	-0.921	-0.713	-0.596	-0.627	-0.828	-1.178	-1.625
6881	68.80	-2.100	-2.533	-2.874	-3.097	-3.192	-3.155	-2.975	-2.640	-2.162	-1.503
6891	68.90	-0.786	-0.088	0.474	0.808	0.873	0.696	0.365	-0.008	-0.324	-0.526
6901	69.00	-0.609	-0.599	-0.531	-0.422	-0.266	-0.043	0.266	0.566	0.857	1.040
6911	69.10	1.059	0.905	0.635	0.342	0.128	0.058	0.137	0.311	0.496	0.611
6921	69.20	0.632	0.581	0.521	0.521	0.619	0.801	1.002	1.137	1.138	0.981
6931	69.30	0.696	0.359	0.058	-0.142	-0.218	-0.196	-0.133	-0.093	-0.123	-0.236
6941	69.40	-0.413	-0.619	-0.816	-0.978	-1.093	-1.165	-1.197	-1.192	-1.153	-1.081
6951	69.50	-0.986	-0.885	-0.797	-0.737	-0.706	-0.680	-0.640	-0.559	-0.430	-0.265
6961	69.60	-0.092	0.057	0.163	0.225	0.258	0.282	0.302	0.306	0.272	0.189
6971	69.70	0.075	-0.015	0.004	0.203	0.609	1.172	1.766	2.220	2.385	2.180
6981	69.80	1.626	0.866	0.013	-0.703	-1.197	-1.446	-1.500	-1.443	-1.343	-1.227
6991	69.90	-1.078	-0.861	-0.561	-0.203	0.142	0.384	0.449	0.313	0.012	-0.374

Table 7—10—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1157 503-GR-1-59 HA. (HA.) KANNONZAKI MAX. ACC. = 135.167 (GAL) T= 17.04 (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)
7001	70.00	-0.744	-1.017	-1.147	-1.130	-0.991	-0.767	-0.490	-0.188	0.113	0.383
7011	70.10	0.585	0.683	0.653	0.495	0.237	-0.070	-0.363	-0.581	-0.674	-0.609
7021	70.20	-0.368	0.046	0.609	1.267	1.938	2.518	2.901	3.005	2.799	2.316
7031	70.30	1.644	0.907	0.225	-0.313	-0.668	-0.853	-0.910	-0.892	-0.860	-0.776
7041	70.40	-0.707	-0.639	-0.581	-0.552	-0.570	-0.663	-0.756	-0.874	-0.954	-0.958
7051	70.50	-0.878	-0.735	-0.580	-0.468	-0.438	-0.491	-0.585	-0.651	-0.611	-0.411
7061	70.60	-0.042	0.457	1.008	1.518	1.910	2.142	2.214	2.169	2.066	1.968
7071	70.70	1.917	1.929	1.990	2.061	2.093	2.040	1.869	1.577	1.190	0.764
7081	70.80	0.370	0.081	-0.054	-0.020	0.158	0.425	0.717	0.979	1.180	1.314
7091	70.90	1.385	1.396	1.334	1.177	0.906	0.527	0.081	-0.361	-0.722	-0.951
7101	71.00	-1.041	-1.037	-1.013	-1.039	-1.152	-1.340	-1.559	-1.757	-1.903	-1.994
7111	71.10	-2.045	-2.063	-2.023	-1.871	-1.556	-1.071	-0.492	0.035	0.337	0.295
7121	71.20	-0.083	-0.643	-1.126	-1.270	-0.929	-0.152	0.819	1.637	1.989	1.730
7131	71.30	0.945	-0.085								

Table 7—11—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-5.038
11	0.10	-1.550	2.512	5.793	7.294	6.735	4.571	1.679	-1.077	-3.178	-4.511
21	0.20	-5.193	-5.294	-4.693	-3.175	-0.705	2.293	4.892	5.959	4.698	1.179
31	0.30	-3.465	-7.327	-8.482	-5.832	0.278	8.040	14.785	17.979	16.211	9.736
41	0.40	0.385	-9.123	-16.150	-19.007	-17.415	-12.436	-5.974	-0.080	3.692	4.692
51	0.50	3.272	0.590	-1.806	-2.508	-0.765	3.175	8.031	11.869	12.701	9.498
61	0.60	2.599	-6.102	-13.745	-17.573	-16.093	-9.802	-1.099	6.659	10.587	9.566
71	0.70	4.766	-0.886	-4.082	-2.794	2.631	9.455	13.699	11.981	3.206	-10.665
81	0.80	-25.174	-35.036	-36.239	-27.667	-11.588	7.185	23.076	31.730	31.418	23.394
91	0.90	11.177	-0.853	-8.961	-11.134	-7.477	0.066	8.442	14.391	15.309	9.929
101	1.00	-1.249	-15.886	-30.178	-39.717	-40.768	-31.491	-15.079	10.354	32.643	47.455
111	1.10	50.447	40.917	22.238	0.782	-16.333	-23.875	-20.436	-8.911	4.748	13.988
121	1.20	14.368	5.260	-9.763	-26.643	-33.266	-31.987	-21.033	-4.286	12.425	23.720
131	1.30	26.736	21.991	12.802	3.595	-2.055	-2.779	0.354	4.730	7.639	7.566
141	1.40	4.709	0.573	-3.042	-5.066	-5.638	-5.815	-6.729	-8.709	-10.912	-11.709
151	1.50	-9.600	-4.313	2.814	9.190	12.128	10.192	4.044	-3.703	-9.630	-11.151
161	1.60	-7.820	-1.627	3.939	5.672	2.391	-4.233	-10.295	-11.503	-5.426	6.951
171	1.70	21.209	31.165	31.567	20.614	1.127	-20.269	-35.671	-39.088	-28.920	-8.632
181	1.80	14.655	33.030	40.861	36.771	23.749	7.492	-6.161	-13.522	-14.120	-10.246
191	1.90	-5.397	-2.512	-2.833	-5.813	-9.885	-13.505	-15.820	-16.662	-16.035	-13.586
201	2.00	-8.551	-0.327	10.667	22.322	31.323	34.168	28.955	16.653	1.207	-11.824
211	2.10	-17.595	-14.237	-3.898	8.036	15.317	13.731	3.151	-12.295	-26.071	-32.259
221	2.20	-28.315	-16.224	-1.477	9.621	12.999	8.728	0.845	-4.796	-3.566	5.497
231	2.30	19.079	31.095	35.574	29.519	14.372	-4.614	-20.733	-28.808	-27.372	-19.090
241	2.40	-9.306	-3.668	-4.665	-12.242	-22.402	-29.807	-30.006	-21.255	-5.161	14.006
251	2.50	30.962	41.161	42.392	35.112	22.157	7.666	-4.260	-10.780	-11.088	-6.567
261	2.60	-0.265	4.175	3.836	-2.332	-12.973	-24.666	-33.092	-34.659	-27.936	-14.307
271	2.70	2.474	17.686	27.421	30.007	26.453	19.772	13.509	10.159	10.193	12.073
281	2.80	13.180	11.176	5.125	-4.052	-14.003	-21.905	-25.531	-23.961	-17.735	-8.499
291	2.90	1.590	10.435	16.395	18.493	16.513	11.044	3.439	-4.407	-10.499	-13.355
301	3.00	-12.549	-8.937	-4.372	-0.962	-0.142	-1.992	-5.136	-7.306	-6.392	-1.460
311	3.10	6.663	15.565	22.099	23.577	18.824	8.663	-4.318	-16.599	-24.859	-26.990
321	3.20	-22.693	-13.516	-2.337	7.524	13.326	13.766	9.400	2.462	-3.937	-7.013
331	3.30	-5.482	-0.227	5.919	9.289	7.032	-1.411	-13.686	-25.189	-30.830	-27.211
341	3.40	-14.264	4.452	23.001	35.391	37.963	30.776	17.391	3.164	-7.128	-11.211
351	3.50	-9.934	-6.373	-3.959	-4.621	-7.888	-11.352	-12.167	-8.760	-1.805	6.050
361	3.60	11.530	12.450	8.853	2.987	-1.881	-3.179	-0.361	4.823	9.281	10.228
371	3.70	6.684	0.026	-6.705	-10.374	-9.402	-4.665	0.968	3.874	1.686	-5.503
381	3.80	-14.996	-22.600	-24.481	-18.915	-7.126	7.141	19.107	24.850	22.786	14.169
391	3.90	2.465	-8.042	-13.819	-13.197	-6.695	3.430	14.112	22.461	26.468	25.318
401	4.00	19.345	9.810	-1.381	-11.985	-19.774	-22.991	-20.843	-13.865	-3.969	5.987
411	4.10	13.047	15.165	11.981	5.007	-2.926	-8.779	-10.545	-8.085	-3.185	1.212
421	4.20	2.285	-1.420	-9.314	-18.951	-26.962	-30.344	-27.553	-18.977	-6.676	6.430
431	4.30	17.539	24.719	27.236	25.469	20.590	14.194	7.992	3.545	1.974	3.631
441	4.40	7.838	12.888	16.448	16.339	11.450	2.370	-8.613	-18.254	-23.589	-23.153
451	4.50	-17.609	-9.472	-2.010	2.171	2.221	-0.706	-4.133	-5.518	-3.474	1.655
461	4.60	8.081	13.529	16.329	16.072	13.545	10.043	6.514	3.044	-1.025	-6.423
471	4.70	-13.150	-20.059	-25.115	-26.262	-22.476	-16.438	-4.449	4.438	9.676	10.282
481	4.80	7.210	2.850	-0.091	0.188	3.810	9.217	13.908	15.557	13.029	6.858
491	4.90	-0.949	-7.694	-11.007	-9.738	-4.389	3.033	9.693	12.906	11.103	4.450

Table 7—11—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	-5.111	-14.467	-20.413	-20.843	-15.598	-6.588	2.926	9.651	11.657	9.236
511	5.10	4.788	1.729	2.845	8.840	17.762	25.639	28.118	22.401	8.621	-9.968
521	5.20	-28.122	-40.566	-43.953	-38.000	-25.352	-10.336	2.807	11.402	14.960	14.787
531	5.30	12.932	11.054	9.757	8.634	6.859	3.924	0.081	-3.725	-6.345	-7.032
541	5.40	-5.792	-3.318	-0.552	1.830	3.717	5.477	7.546	9.949	12.070	12.824
551	5.50	11.186	6.787	0.303	-6.653	-12.084	-14.395	-13.043	-8.762	-3.251	1.524
561	5.60	4.120	4.151	2.350	0.186	-0.805	0.341	3.628	8.104	12.195	14.229
571	5.70	12.959	7.959	-0.323	-10.441	-20.432	-28.143	-31.762	-30.295	-23.885	-13.855
581	5.80	-2.383	8.095	15.602	19.171	19.008	16.197	12.090	7.670	3.226	-1.482
591	5.90	-6.663	-11.869	-15.719	-16.256	-11.868	-2.371	10.329	22.493	29.778	29.035
601	6.00	19.862	5.148	-9.819	-19.403	-20.001	-11.684	1.720	14.221	20.274	17.254
611	6.10	6.629	-6.714	-16.711	-18.902	-12.449	-0.473	11.435	17.806	15.753	6.172
621	6.20	-6.832	-17.939	-23.031	-20.888	-13.426	-4.490	2.109	4.293	2.400	-1.388
631	6.30	-4.413	-4.935	-2.860	0.600	3.664	5.190	5.102	4.204	3.462	3.290
641	6.40	3.282	2.580	0.599	-2.360	-5.053	-5.894	-3.894	0.598	5.841	9.445
651	6.50	9.555	5.869	-0.110	-5.753	-8.632	-7.781	-4.234	-0.504	0.760	-1.736
661	6.60	-7.090	-12.498	-14.551	-10.959	-1.812	10.262	21.148	27.016	25.974	18.820
671	6.70	8.560	-1.031	-7.087	-8.768	-7.319	-5.139	-4.387	-5.864	-8.714	-11.020
681	6.80	-10.964	-7.752	-2.217	3.804	8.327	10.219	9.670	7.925	6.482	6.207
691	6.90	6.869	7.349	6.399	3.511	-0.609	-4.241	-5.483	-3.271	1.924	8.131
701	7.00	12.661	13.296	9.310	1.851	-6.531	-12.960	-15.447	-13.662	-8.950	-3.629
711	7.10	0.082	0.985	-0.712	-3.671	-6.154	-6.827	-5.259	-1.946	2.081	5.787
721	7.20	8.525	10.128	10.711	10.389	9.103	6.603	3.091	-1.392	-6.009	-9.755
731	7.30	-11.736	-11.538	-9.401	-6.107	-2.640	0.207	2.076	3.021	3.298	3.078
741	7.40	2.316	0.861	-1.381	-3.991	-6.192	-6.984	-5.629	-2.090	2.175	5.432
751	7.50	10.234	10.096	6.954	1.810	-3.702	-7.989	-10.135	-10.176	-8.927	-7.468
761	7.60	-6.565	-6.326	-6.243	-5.582	-3.878	-1.258	1.571	3.683	4.423	3.781
771	7.70	2.413	1.327	1.356	2.708	4.824	6.620	6.996	5.387	2.078	-1.860
781	7.80	-4.976	-6.155	-4.413	-0.508	4.590	9.399	12.565	13.275	11.449	7.696
791	7.90	3.062	-1.513	-4.531	-6.166	-6.351	-5.679	-4.961	-4.899	-5.776	-7.288
801	8.00	-8.616	-8.720	-6.803	-2.730	2.763	8.206	11.869	12.397	9.366	3.509
811	8.10	-3.492	-9.569	-12.991	-12.922	-9.631	-4.285	1.558	6.511	9.763	11.177
821	8.20	11.114	10.125	8.667	6.982	5.132	3.125	1.030	-1.006	-2.823	-4.328
831	8.30	-5.523	-6.462	-7.042	-7.128	-6.397	-4.601	-1.762	1.678	4.892	6.909
841	8.40	6.977	4.904	1.196	-3.082	-6.661	-8.541	-8.337	-6.377	-3.528	-0.814
851	8.50	0.979	1.565	1.179	0.394	-0.176	-0.141	0.545	1.626	2.716	3.481
861	8.60	3.780	3.676	3.363	3.049	2.863	2.819	2.853	2.883	2.860	2.775
871	8.70	2.621	2.338	1.784	0.768	-0.858	-3.076	-5.615	-7.952	-9.425	-9.450
881	8.80	-7.750	-4.526	-0.467	3.416	6.097	6.874	5.615	2.818	-0.558	-3.416
891	8.90	-4.899	-4.671	-3.005	-0.661	1.409	2.398	1.930	0.176	-2.205	-4.294
901	9.00	-5.221	-4.473	-2.092	1.287	4.601	6.691	6.709	4.470	0.600	-3.607
911	9.10	-6.611	-7.503	-5.012	-0.729	4.096	7.627	8.475	6.290	1.933	-2.859
921	9.20	-6.195	-6.814	-4.587	-0.514	3.789	6.839	7.935	7.366	6.125	5.278
931	9.30	5.343	6.004	6.319	5.289	2.492	-1.595	-5.754	-8.615	-9.350	-8.107
941	9.40	-5.934	-4.213	-3.918	-5.064	-6.688	-7.364	-6.008	-2.534	2.002	5.869
951	9.50	7.533	6.464	3.474	0.356	-1.000	0.405	4.098	8.287	10.676	9.593
961	9.60	4.861	-2.023	-8.493	-12.046	-11.363	-6.896	-0.653	4.704	7.027	5.566
971	9.70	1.195	-4.107	-8.208	-9.769	-8.728	-6.151	-3.572	-2.179	-2.257	-3.137
981	9.80	-3.632	-2.707	-0.033	3.850	7.809	10.678	11.792	11.235	9.702	8.064
991	9.90	6.899	6.219	5.543	4.249	2.014	-0.918	-3.768	-5.564	-5.606	-3.823

Table 7—11—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	-0.837	2.286	4.486	5.125	4.181	2.151	-0.269	-2.526	-4.401	-5.960
1011	10.10	-7.322	-8.406	-8.240	-8.106	-5.863	-2.261	1.941	5.576	7.520	7.185
1021	10.20	4.824	1.452	-1.583	-3.200	-3.069	-1.727	-0.271	0.234	-0.676	-2.586
1031	10.30	-4.387	-4.835	-3.198	0.307	4.549	7.955	9.224	7.927	4.706	0.978
1041	10.40	-1.713	-2.388	-1.039	1.433	3.686	4.581	3.680	1.370	-1.409	-3.666
1051	10.50	-4.818	-4.885	-4.343	-3.759	-3.433	-3.250	-2.820	-1.816	-0.277	1.298
1061	10.60	2.168	1.756	0.032	-2.358	-4.329	-4.869	-3.565	-0.882	1.978	3.608
1071	10.70	3.058	0.330	-3.575	-7.065	-8.663	-7.660	-4.424	-0.196	3.488	5.499
1081	10.80	5.572	4.330	2.875	2.180	2.595	3.713	4.653	4.579	3.181	0.866
1091	10.90	-1.559	-3.180	-3.639	-3.234	-2.731	-2.860	-3.811	-5.010	-5.354	-3.808
1101	11.00	-0.075	5.032	9.770	12.152	10.868	5.983	-0.948	-7.454	-11.191	-10.970
1111	11.10	-7.292	-2.114	2.055	3.336	1.368	-2.623	-6.269	-7.394	-5.014	0.134
1121	11.20	5.898	9.716	9.816	6.039	-0.088	-6.102	-9.761	-10.058	-7.617	-4.276
1131	11.30	-2.087	-2.258	-4.557	-7.383	-8.749	-7.163	-2.474	4.055	10.362	14.567
1141	11.40	15.836	14.677	12.550	11.013	10.871	11.761	12.394	11.299	7.679	1.907
1151	11.50	-4.581	-9.955	-12.848	-12.966	-11.128	-8.744	-7.006	-6.249	-5.821	-4.517
1161	11.60	-1.358	3.727	9.683	14.718	17.104	15.992	11.830	6.176	0.998	-2.186
1171	11.70	-2.908	-1.823	-0.260	0.492	-0.214	-2.175	-4.584	-6.542	-7.534	-7.610
1181	11.80	-7.204	-6.740	-6.287	-5.483	-3.802	-0.982	2.618	5.998	7.867	7.232
1191	11.90	3.922	-1.226	-6.651	-10.691	-12.284	-11.388	-8.949	-6.419	-5.052	-5.323
1201	12.00	-6.713	-7.972	-7.712	-5.059	-0.083	4.187	12.169	16.239	17.511	15.951
1211	12.10	12.425	8.269	4.846	2.858	2.310	2.498	2.404	1.204	-1.305	-4.536
1221	12.20	-7.295	-8.261	-6.586	-2.369	3.222	8.263	10.748	9.366	4.068	-3.828
1231	12.30	-12.066	-18.247	-20.705	-19.045	-14.182	-7.850	-1.839	2.707	5.602	7.443
1241	12.40	9.086	11.047	13.175	14.726	14.805	12.903	9.239	4.711	0.493	-2.521
1251	12.50	-4.100	-4.702	-5.111	-5.912	-7.091	-8.000	-7.722	-5.631	-1.858	2.634
1261	12.60	6.422	8.269	7.719	5.317	2.330	0.096	-0.651	-0.147	0.546	0.242
1271	12.70	-1.844	-5.429	-9.328	-12.009	-13.348	-10.329	-7.038	-4.215	-3.385	-5.072
1281	12.80	-8.489	-11.848	-13.188	-11.280	-6.203	0.709	7.492	12.450	14.858	15.162
1291	12.90	14.581	14.353	15.040	16.239	16.850	15.742	12.452	7.540	2.394	-1.406
1301	13.00	-2.853	-1.987	0.148	2.061	2.584	1.455	-0.606	-2.355	-2.773	-1.704
1311	13.10	-0.005	0.889	-0.208	-3.465	-7.742	-10.999	-11.255	-7.645	-1.051	6.073
1321	13.20	10.653	10.340	4.609	-4.889	-14.949	-22.133	-24.213	-21.066	-14.630	-7.943
1331	13.30	-3.728	-3.224	-5.545	-8.894	-10.516	-9.015	-4.290	1.295	6.303	8.872
1341	13.40	8.776	7.235	6.210	7.316	10.911	15.843	19.976	21.231	18.618	12.735
1351	13.50	5.506	-0.709	-4.171	-4.481	-2.622	-0.349	0.731	-0.082	-2.346	-4.831
1361	13.60	-6.249	-5.934	-4.156	-1.911	-0.357	-0.218	-1.451	-3.347	-4.955	-5.582
1371	13.70	-5.106	-3.950	-2.780	-2.120	-2.094	-2.420	-2.617	-2.274	-1.215	0.497
1381	13.80	2.690	5.213	7.947	10.709	13.105	14.505	14.200	11.726	7.190	1.410
1391	13.90	-4.249	-8.315	-9.721	-8.175	-4.198	1.168	6.807	11.892	15.993	18.910
1401	14.00	20.383	19.928	16.953	11.140	2.890	-6.472	-14.915	-20.367	-21.550	-18.604
1411	14.10	-13.176	-7.862	-5.213	-6.703	-12.136	-19.725	-26.822	-30.961	-30.779	-26.418
1421	14.20	-19.308	-11.464	-4.656	0.194	3.184	5.163	7.213	10.150	14.220	19.066
1431	14.30	23.897	27.734	29.644	28.917	25.230	18.790	10.452	1.705	-5.549	-9.474
1441	14.40	-8.900	-3.867	4.167	12.618	18.530	19.569	14.884	5.452	-6.241	-17.112
1451	14.50	-24.622	-27.680	-26.926	-24.281	-21.958	-21.383	-22.525	-23.937	-23.512	-19.596
1461	14.60	-11.931	-1.965	7.657	14.214	16.150	13.827	9.439	6.019	6.151	10.683
1471	14.70	18.352	26.320	31.456	31.748	27.177	19.631	11.897	6.234	3.237	1.570
1481	14.80	-1.274	-7.538	-17.808	-30.370	-41.676	-47.753	-45.916	-35.990	-20.474	-3.571
1491	14.90	10.458	18.861	21.187	19.026	14.911	11.005	8.223	6.183	3.910	0.821

Table 7—11—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	-2.608	-4.882	-4.266	0.275	8.102	17.068	24.173	26.801	23.805	15.960
1511	15.10	5.573	-4.529	-12.139	-16.388	-17.768	-17.507	-16.700	-15.652	-13.780	-10.064
1521	15.20	-3.799	4.790	14.374	22.888	28.247	29.077	25.165	17.358	7.395	-2.804
1531	15.30	-11.481	-17.300	-19.416	-17.683	-11.684	-2.799	7.791	18.261	26.712	31.695
1541	15.40	32.586	29.766	24.382	17.796	10.997	4.241	-2.889	-11.033	-20.418	-30.403
1551	15.50	-39.436	-45.520	-46.996	-43.295	-35.324	-25.274	-15.925	-9.712	-7.932	-10.383
1561	15.60	-15.534	-21.134	-24.972	-25.513	-22.027	-15.560	-6.651	3.044	12.109	19.400
1571	15.70	24.192	26.238	25.783	23.504	20.386	17.496	15.723	15.540	16.887	19.221
1581	15.80	21.716	23.543	24.128	23.294	21.251	18.467	15.479	12.732	10.474	8.733
1591	15.90	7.355	6.056	4.497	2.335	-0.720	-4.849	-10.082	-16.273	-23.084	-30.008
1601	16.00	-36.397	-41.527	-44.692	-45.343	-43.265	-38.602	-32.129	-24.858	-17.933	-12.200
1611	16.10	-7.918	-4.669	-1.584	2.186	6.934	12.071	16.206	17.664	15.259	8.964
1621	16.20	0.152	-8.777	-15.250	-17.514	-15.302	-9.855	-3.290	2.400	6.230	8.562
1631	16.30	10.753	14.300	19.937	27.152	34.363	39.638	41.577	39.877	35.309	29.152
1641	16.40	22.451	15.555	8.216	0.197	-7.993	-14.732	-17.625	-14.491	-4.566	10.712
1651	16.50	27.800	42.119	49.686	48.597	39.697	26.135	11.988	0.612	-6.577	-10.361
1661	16.60	-12.992	-16.894	-23.423	-32.256	-41.611	-49.110	-52.819	-51.984	-47.176	-39.898
1671	16.70	-31.901	-24.565	-18.576	-13.936	-10.193	-6.716	-2.896	1.732	7.411	14.080
1681	16.80	21.309	28.326	34.200	38.145	39.843	39.586	38.151	36.409	34.871	33.417
1691	16.90	31.385	28.010	22.997	16.903	11.078	7.125	6.121	7.972	11.258	13.684
1701	17.00	12.966	7.756	-1.819	-14.238	-27.209	-38.533	-46.793	-51.595	-53.331	-52.681
1711	17.10	-50.167	-45.994	-40.207	-33.015	-25.007	-17.098	-10.222	-4.925	-1.147	1.694
1721	17.20	4.295	6.982	9.396	10.539	9.192	4.515	-3.461	-13.661	-24.204	-32.932
1731	17.30	-38.013	-38.404	-34.035	-25.721	-14.879	-3.169	7.858	17.031	23.752	28.029
1741	17.40	30.743	31.437	31.488	30.717	28.438	23.816	16.519	6.323	-6.728	-14.952
1751	17.50	-19.229	-18.454	-11.339	0.472	14.065	26.269	34.790	38.904	39.415	37.919
1761	17.60	35.793	33.423	30.077	24.455	15.622	3.791	-9.449	-21.614	-30.248	-33.852
1771	17.70	-32.363	-27.010	-19.688	-12.227	-5.924	-1.486	0.721	0.431	-2.507	-7.810
1781	17.80	-14.377	-20.206	-22.839	-20.290	-12.066	0.280	13.448	23.533	27.577	24.799
1791	17.90	16.912	7.326	-0.382	-4.002	-3.469	-0.528	2.491	4.096	4.458	5.175
1801	18.00	8.085	13.810	20.875	25.981	25.399	16.846	0.862	-19.039	-37.633	-50.090
1811	18.10	-53.928	-49.879	-41.236	-32.057	-25.113	-20.642	-16.516	-9.704	1.728	17.155
1821	18.20	33.236	45.190	48.901	42.832	28.825	11.407	-4.058	-13.486	-15.505	-11.662
1831	18.30	-5.046	0.801	3.961	4.302	3.281	2.626	3.342	5.196	7.023	7.590
1841	18.40	6.479	4.472	3.227	1.407	0.755	15.585	22.961	28.465	30.172	27.371
1851	18.50	20.729	11.904	2.840	-4.873	-10.331	-13.282	-13.879	-12.461	-9.497	-5.690
1861	18.60	-2.069	0.109	-0.280	-3.730	-9.737	-16.799	-22.887	-26.228	-26.058	-22.968
1871	18.70	-18.865	-15.204	-14.063	-15.479	-18.367	-20.868	-21.248	-18.727	-13.842	-8.183
1881	18.80	-3.662	-1.673	2.532	-5.147	-8.958	-11.558	-11.786	-9.174	-6.174	-3.794
1891	18.90	1.687	8.168	15.464	22.988	29.613	33.892	34.583	31.252	24.629	16.487
1901	19.00	9.039	4.099	2.382	3.267	5.162	6.172	5.119	1.848	-2.703	-7.045
1911	19.10	-9.854	-10.529	-9.328	-7.054	-4.507	-2.012	0.695	4.179	8.781	14.160
1921	19.20	19.196	22.337	22.256	18.499	11.797	3.859	-3.260	-7.942	-9.590	-8.735
1931	19.30	-6.662	-4.739	-3.793	-3.829	-4.191	-4.066	-3.033	-1.400	-0.105	-0.279
1941	19.40	-2.657	-7.138	-12.707	-17.764	-20.614	-20.219	-16.580	-9.824	-1.891	5.925
1951	19.50	12.379	16.712	18.660	18.326	15.995	12.006	6.707	0.481	-6.203	-12.743
1961	19.60	-18.407	-22.361	-23.759	-21.873	-16.300	-7.194	4.529	17.142	28.317	35.622
1971	19.70	37.207	32.480	22.484	9.765	-2.313	-10.616	-13.365	-10.488	-4.190	2.404
1981	19.80	6.151	5.157	-0.503	-8.835	-16.730	-21.193	-20.511	-14.882	-6.274	2.404
1991	19.90	8.473	10.504	8.793	5.125	1.966	1.311	4.025	9.315	15.130	18.932

Table 7—11—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	18.633	13.361	5.665	-8.629	-21.037	-31.263	-37.695	-39.675	-37.391	-31.551
2011	20.10	-23.019	-12.608	-1.076	10.735	21.763	30.761	36.430	37.984	35.301	29.154
2021	20.20	21.000	12.526	5.094	-0.656	-4.853	-8.108	-10.987	-13.560	-15.263	-15.162
2031	20.30	-12.513	-7.337	-0.685	5.591	9.515	9.831	6.632	1.435	-3.357	-5.437
2041	20.40	-3.590	1.712	8.401	13.555	14.503	9.850	0.012	-12.902	-25.803	-35.620
2051	20.50	-40.209	-38.877	-32.409	-22.678	-12.018	-2.602	4.016	7.137	6.922	4.249
2061	20.60	0.455	-2.966	-4.669	-3.733	0.172	6.725	15.045	23.878	31.839	37.651
2071	20.70	40.334	39.343	34.641	26.719	16.543	5.406	-5.301	-14.345	-20.876	-24.503
2081	20.80	-25.218	-23.200	-18.628	-11.640	-2.491	8.151	18.945	27.899	32.763	31.758
2091	20.90	24.346	11.705	-3.408	-17.429	-27.157	-30.853	-28.797	-23.041	-16.460	-11.516
2101	21.00	-9.291	-9.214	-9.572	-8.536	-5.164	0.071	5.516	9.141	9.530	6.537
2111	21.10	1.318	-4.245	-8.414	-10.299	-10.076	-8.857	-7.041	-5.720	-4.465	-2.573
2121	21.20	0.597	5.105	10.241	14.766	17.440	17.575	15.321	11.561	7.513	4.244
2131	21.30	2.353	1.923	2.703	4.369	6.551	8.990	11.209	12.531	12.179	9.561
2141	21.40	4.615	-2.029	-9.182	-15.518	-20.099	-22.709	-23.837	-24.270	-24.525	-24.432
2151	21.50	-23.127	-19.500	-12.892	-3.675	6.634	15.831	21.888	23.820	22.103	18.429
2161	21.60	14.880	12.919	12.694	13.034	12.138	8.645	2.523	-4.677	-10.400	-12.237
2171	21.70	-9.170	-1.972	6.534	13.030	14.870	11.241	3.484	-5.535	-12.692	-15.928
2181	21.80	-15.013	-11.438	-7.538	-5.290	-5.594	-7.049	-8.496	-8.015	-4.838	0.656
2191	21.90	6.257	10.758	12.840	12.577	11.089	9.857	9.862	11.001	12.097	11.478
2201	22.00	7.853	1.023	-7.903	-16.895	-23.796	-27.134	-26.605	-23.023	-17.839	-12.493
2211	22.10	-7.918	-4.391	-1.729	0.355	1.956	2.906	2.933	1.906	0.004	-2.305
2221	22.20	-4.459	-6.043	-6.936	-7.268	-7.238	-6.902	-6.081	-4.450	-1.760	1.938
2231	22.30	6.211	10.354	13.643	15.606	16.149	15.504	14.027	11.986	9.469	6.455
2241	22.40	2.994	-0.634	-5.913	-6.257	-7.274	-6.969	-5.756	-4.241	-2.910	-1.855
2251	22.50	-0.744	0.928	3.451	6.559	9.378	10.724	9.649	5.987	0.609	-4.773
2261	22.60	-8.196	-8.188	-4.372	2.400	10.369	17.536	22.367	24.232	23.430	20.842
2271	22.70	17.422	13.789	10.095	6.185	1.909	-2.618	-6.951	-10.498	-12.798	-13.757
2281	22.80	-13.672	-13.029	-12.201	-11.195	-9.639	-7.008	-3.007	2.105	7.435	11.691
2291	22.90	13.648	12.650	8.899	3.403	-2.403	-7.189	-10.179	-11.315	-11.108	-10.257
2301	23.00	-9.276	-8.295	-7.128	-5.525	-3.450	-1.180	0.820	2.201	3.006	3.731
2311	23.10	5.107	7.665	11.322	15.226	17.991	18.260	15.327	9.536	2.214	-4.849
2321	23.20	-10.130	-12.980	-13.799	-13.691	-13.196	-14.539	-15.875	-16.537	-15.696	-13.152
2331	23.30	-9.751	-7.111	-6.861	-9.626	-14.665	-19.803	-22.360	-20.321	-15.321	-2.940
2341	23.40	7.869	15.981	19.390	17.997	13.517	8.588	5.504	5.194	6.925	8.848
2351	23.50	9.080	6.755	2.517	-1.800	-4.125	-3.258	0.456	5.209	8.554	8.555
2361	23.60	4.695	-1.884	-8.934	-16.136	-16.124	-14.990	-12.060	-9.085	-7.291	-6.771
2371	23.70	-6.526	-5.091	-1.419	4.472	11.406	17.579	21.402	22.251	20.705	18.191
2381	23.80	16.207	15.558	15.988	16.411	15.593	12.920	8.842	4.718	2.162	2.187
2391	23.90	4.618	8.067	10.515	10.218	6.506	0.087	-7.276	-13.546	-17.273	-18.128
2401	24.00	-16.888	-14.930	-13.522	-13.263	-13.923	-14.705	-14.738	-13.518	-11.092	-7.930
2411	24.10	-4.625	-1.625	0.851	2.707	3.790	3.805	2.440	-0.374	-4.217	-8.144
2421	24.20	-10.936	-11.569	-9.657	-5.646	-0.621	4.179	7.896	10.364	12.021	13.480
2431	24.30	15.017	16.273	16.367	14.391	10.021	5.897	-2.461	-7.213	-8.976	-7.436
2441	24.40	-3.495	1.141	4.719	6.168	5.448	3.381	1.083	-0.671	-1.800	-2.825
2451	24.50	-4.400	-6.773	-9.485	-11.509	-11.747	-9.635	-5.505	-0.514	3.835	6.361
2461	24.60	6.592	5.047	2.717	0.617	-0.702	-1.307	-1.690	-2.354	-3.451	-4.671
2471	24.70	-5.430	-5.229	-3.969	-2.027	-0.058	1.343	1.924	1.834	1.433	0.995
2481	24.80	0.491	-0.377	-1.899	-4.009	-6.074	-7.023	-5.781	-1.831	4.388	11.496
2491	24.90	17.636	21.204	21.526	19.134	15.523	12.463	11.203	11.918	13.668	14.875

Table 7—11—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	14.090	10.696	5.220	-0.870	-5.783	-8.152	-7.564	-4.683	-0.915	2.188
2511	25.10	3.527	2.798	0.474	-2.523	-5.286	-7.290	-8.555	-9.504	-10.685	-12.448
2521	25.20	-14.768	-17.248	-19.309	-20.453	-20.470	-19.514	-18.008	-16.436	-15.135	-14.160
2531	25.30	-13.304	-12.243	-10.726	-8.725	-6.458	-4.276	-2.253	-1.105	0.018	1.395
2541	25.40	3.309	5.898	8.895	11.732	13.793	14.725	14.651	14.168	14.090	15.042
2551	25.50	17.091	19.593	21.370	21.166	18.189	12.518	5.167	-2.233	-8.015	-11.066
2561	25.60	-11.193	-9.104	-6.034	-3.193	-1.303	-0.412	-0.044	0.407	1.276	2.409
2571	25.70	3.257	3.209	1.994	-0.077	-2.166	-3.249	-2.603	-0.182	3.286	6.562
2581	25.80	8.402	8.073	5.666	2.039	-1.563	-4.049	-4.932	-4.486	-3.553	-3.102
2591	25.90	-3.741	-5.432	-7.513	-9.028	-9.185	-7.736	-5.097	-2.158	0.119	1.117
2601	26.00	0.804	-0.308	-1.443	-1.959	-1.633	-0.738	0.138	0.414	-0.190	-1.522
2611	26.10	-3.106	-4.398	-5.070	-5.159	-5.003	-5.012	-5.396	-6.004	-6.370	-5.940
2621	26.20	-4.377	-1.774	1.336	4.190	6.124	6.860	6.605	5.929	5.467	5.617
2631	26.30	6.373	7.358	8.066	8.026	7.181	5.690	3.882	2.024	0.197	-1.691
2641	26.40	-3.752	-5.961	-7.970	-9.394	-9.820	-9.141	-7.641	-5.887	-4.465	-3.668
2651	26.50	-3.340	-2.971	-2.004	-0.224	2.010	3.844	4.307	2.836	-0.321	-4.048
2661	26.60	-6.723	-6.871	-3.808	2.025	9.187	15.812	20.328	22.033	21.248	19.016
2671	26.70	16.500	14.411	12.736	10.874	8.110	6.135	4.198	-5.198	-8.279	-8.990
2681	26.80	-7.187	-3.541	0.747	4.440	6.712	7.346	6.631	5.057	2.999	0.567
2691	26.90	-2.309	-5.645	-9.183	-12.331	-14.338	-14.606	-12.986	-9.908	-6.259	-3.063
2701	27.00	-1.131	-0.813	-1.955	-4.048	-6.457	-8.622	-10.145	-10.777	-10.371	-8.864
2711	27.10	-6.311	-2.938	0.852	4.567	7.788	10.308	12.160	13.491	14.339	14.446
2721	27.20	13.265	10.208	5.054	-1.684	-8.659	-14.007	-15.985	-13.709	-7.626	0.513
2731	27.30	8.229	13.227	14.249	11.511	6.515	1.350	-2.203	-3.353	-2.469	-0.709
2741	27.40	0.664	0.938	0.238	-0.646	-0.785	0.325	2.253	4.226	6.044	5.724
2751	27.50	3.661	0.547	-2.548	-4.629	-5.177	-4.293	-2.568	-0.776	0.424	0.648
2761	27.60	-0.217	-2.112	-4.888	-8.303	-11.940	-15.150	-17.113	-17.057	-14.565	-9.822
2771	27.70	-3.666	2.623	7.738	10.783	11.560	10.562	8.702	6.899	5.696	5.094
2781	27.80	4.634	3.664	1.680	-1.432	-5.326	-9.295	-12.501	-14.225	-14.078	-12.109
2791	27.90	-8.802	-4.960	-1.504	0.782	1.484	0.688	-1.051	-2.920	-4.166	-4.402
2801	28.00	-3.752	-2.761	-2.098	-2.186	-2.960	-3.877	-4.206	-3.451	-1.687	0.386
2811	28.10	1.740	1.533	-0.410	-3.411	-6.167	-7.319	-6.090	-2.676	1.811	5.842
2821	28.20	8.170	8.388	7.084	5.491	4.851	5.771	7.940	10.301	11.628	11.176
2831	28.30	9.106	6.454	4.677	4.986	7.800	12.556	17.936	22.403	24.756	24.699
2841	28.40	21.880	17.666	12.691	7.759	3.313	-0.430	-3.380	-5.488	-6.733	-7.176
2851	28.50	-7.003	-6.512	-6.013	-5.710	-5.612	-5.564	-5.351	-4.854	-4.141	-3.459
2861	28.60	-3.116	-3.037	-4.162	-5.332	-6.562	-7.452	-7.682	-7.025	-5.333	-2.537
2871	28.70	1.319	5.988	10.952	15.422	18.486	19.186	17.693	13.895	8.160	2.206
2881	28.80	-3.081	-6.961	-9.199	-9.994	-9.749	-8.821	-7.387	-5.682	-3.575	-0.737
2891	28.90	1.316	2.377	2.026	0.287	-2.297	-4.845	-6.517	-6.916	-6.296	-5.667
2901	29.00	-5.410	-6.773	-9.506	-12.815	-15.486	-16.427	-15.190	-12.202	-8.602	-5.736
2911	29.10	-4.552	-5.168	-6.826	-8.248	-8.235	-6.231	-2.589	1.575	4.875	6.260
2921	29.20	5.466	3.097	0.338	-1.593	-1.962	-0.795	1.208	3.069	4.033	3.923
2931	29.30	3.208	2.724	3.222	5.945	7.456	9.797	10.931	10.211	7.706	4.190
2941	29.40	0.801	-1.477	-2.266	-1.956	-1.537	-2.113	-4.366	-8.204	-12.740	-16.626
2951	29.50	-18.592	-17.945	-14.825	-10.118	-5.081	-0.866	1.868	3.089	3.271	3.091
2961	29.60	3.117	3.602	4.465	5.400	6.052	6.156	5.600	4.415	2.750	0.869
2971	29.70	-0.951	-2.244	-2.625	-1.818	0.185	3.048	6.134	8.699	10.147	10.261
2981	29.80	9.278	7.782	6.430	5.670	5.553	5.752	5.768	5.214	4.038	2.564
2991	29.90	1.341	0.863	1.321	2.496	3.866	4.844	5.052	4.476	3.435	2.404

Table 7—11—7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	1.759	1.608	1.761	1.864	1.609	0.903	-0.070	-0.948	-1.377	-1.197
3011	30.10	-0.535	0.232	0.639	0.323	-0.814	-2.560	-4.455	-5.950	-6.590	-6.151
3021	30.20	-4.710	-2.600	-0.299	1.733	3.194	4.026	4.405	4.641	5.027	5.686
3031	30.30	6.502	7.456	6.563	5.045	2.999	0.888	-0.841	-1.964	-2.571	-2.571
3041	30.40	-3.005	-3.665	-4.770	-6.202	-7.525	-8.176	-7.740	-6.198	-3.982	-1.835
3051	30.50	-0.509	-0.441	-1.566	-3.343	-4.995	-5.842	-5.572	-4.342	-2.659	-1.115
3061	30.60	-0.107	0.330	0.699	0.858	1.758	3.252	5.038	6.572	7.290	6.835
3071	30.70	5.200	2.720	-0.069	-2.527	-4.291	-5.170	-5.246	-4.760	-3.989	-3.145
3081	30.80	-2.322	-1.513	-0.674	0.216	1.109	1.902	2.481	2.784	2.860	2.762
3091	30.90	2.695	2.737	2.880	3.007	2.966	2.569	1.878	1.033	0.298	-0.087
3101	31.00	-0.031	0.327	0.654	0.554	-0.257	-1.815	-3.883	-6.049	-7.903	-9.204
3111	31.10	-9.951	-10.322	-10.524	-10.626	-10.491	-9.831	-8.387	-6.114	-3.295	-0.472
3121	31.20	1.723	2.843	2.799	1.868	0.640	-0.429	-1.045	-1.265	-1.397	-1.782
3131	31.30	-2.573	-3.609	-4.473	-4.685	-3.945	-2.303	-0.163	1.874	3.256	3.703
3141	31.40	3.298	2.421	1.567	1.134	1.281	1.916	2.787	3.636	4.326	4.878
3151	31.50	5.426	6.107	6.956	7.856	8.565	8.805	8.373	7.230	5.528	3.566
3161	31.60	1.707	0.273	0.536	-0.670	-0.207	0.710	1.938	3.382	4.987	6.690
3171	31.70	8.350	9.706	10.387	10.001	8.282	5.227	1.172	-3.237	-7.203	-9.999
3181	31.80	-11.183	-10.727	-9.008	-6.658	-4.346	-2.575	-1.552	-1.199	-1.254	-1.434
3191	31.90	-1.567	-1.651	-1.831	-2.301	-3.189	-4.476	-5.966	-7.325	-8.166	-8.157
3201	32.00	-7.125	-5.112	-2.389	0.601	3.337	5.357	6.371	6.333	5.432	4.017
3211	32.10	2.678	1.123	0.110	-0.554	-0.963	-1.229	-1.421	-1.555	-1.615	-1.601
3221	32.20	-1.549	-1.521	-1.560	-1.668	-1.702	-1.607	-1.287	-0.764	-0.164	0.335
3231	32.30	0.589	0.369	0.385	0.237	0.315	0.713	1.400	2.258	3.183	4.160
3241	32.40	5.274	6.634	8.253	9.954	11.373	12.079	11.762	10.399	8.290	5.958
3251	32.50	3.920	2.466	1.544	0.826	-0.090	-1.437	-3.527	-4.786	-5.939	-6.274
3261	32.60	-5.824	-4.962	-4.220	-4.003	-4.364	-4.950	-5.164	-4.458	-2.619	0.101
3271	32.70	3.060	5.483	6.753	6.619	5.219	2.947	0.252	-2.519	-5.159	-7.531
3281	32.80	-9.458	-10.682	-10.911	-9.972	-7.942	-5.200	-2.339	0.042	1.539	2.075
3291	32.90	1.865	1.270	0.602	0.014	-0.496	-0.970	-1.348	-1.421	-0.903	0.383
3301	33.00	2.321	4.437	6.013	6.352	5.087	2.368	-1.153	-4.564	-7.034	-8.117
3311	33.10	-7.871	-6.761	-5.395	-4.249	-3.492	-3.008	-2.559	-1.994	-1.381	-0.988
3321	33.20	-1.130	-1.971	-3.398	-5.038	-6.413	-7.154	-7.162	-6.635	-5.955	-5.484
3331	33.30	-5.387	-5.560	-5.700	-5.462	-4.635	-3.232	-1.464	0.382	2.089	3.608
3341	33.40	5.052	6.599	8.365	10.304	12.197	13.723	14.590	14.638	13.894	12.540
3351	33.50	10.838	9.038	7.325	5.814	4.576	3.673	3.160	3.057	3.305	3.744
3361	33.60	4.137	4.243	3.910	3.145	2.117	1.097	0.339	-0.018	-0.007	0.211
3371	33.70	0.447	0.597	0.715	0.984	1.614	2.690	4.066	5.353	6.025	5.606
3381	33.80	3.851	0.865	-2.922	-6.887	-10.410	-13.051	-14.630	-15.202	-14.949	-14.059
3391	33.90	-12.652	-10.782	-8.504	-5.944	-3.333	-0.960	0.926	2.224	3.028	3.595
3401	34.00	4.229	5.133	6.307	7.530	8.450	8.732	8.205	6.950	5.271	3.592
3411	34.10	2.295	1.592	1.462	1.684	1.940	1.958	1.616	0.990	0.312	-0.132
3421	34.20	-0.137	0.319	1.036	1.650	1.768	1.127	-0.267	-2.100	-3.853	-4.883
3431	34.30	-4.840	-3.639	-1.605	0.659	2.683	3.380	3.209	2.192	0.785	-0.538
3441	34.40	-1.482	-2.025	-2.361	-2.754	-3.360	-4.144	-4.905	-5.409	-5.540	-5.389
3451	34.50	-5.219	-5.323	-5.870	-6.797	-7.836	-8.649	-8.992	-8.825	-8.298	-7.616
3461	34.60	-6.873	-5.956	-4.580	-2.472	0.414	3.749	6.870	9.004	9.585	8.526
3471	34.70	6.294	3.745	1.781	0.988	1.413	2.589	3.789	4.375	4.084	3.109
3481	34.80	1.968	1.121	0.896	1.171	1.565	1.659	1.253	0.497	-0.181	-0.307
3491	34.90	0.359	1.655	3.052	3.874	3.620	2.214	0.067	-2.081	-3.467	-3.617

Table 7—11—8

TABLE OF CORRECTED ACCELERATION RECORD

NO. 8

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	-2.528	-0.639	1.382	2.918	3.660	3.576	3.026	2.375	1.904	1.697
3511	35.10	1.665	1.658	1.577	1.429	1.289	1.208	1.139	0.922	0.371	-0.603
3521	35.20	-1.892	-3.183	-4.072	-4.244	-3.643	-2.532	-1.406	-0.788	-0.999	-2.008
3531	35.30	-3.436	-4.726	-5.382	-5.187	-4.288	-3.119	-2.198	-1.911	-2.365	-3.388
3541	35.40	-4.648	-5.833	-6.776	-7.490	-8.084	-8.632	-9.074	-9.203	-8.760	-7.572
3551	35.50	-5.663	-3.267	-0.740	1.595	3.591	5.318	6.993	8.827	10.863	12.900
3561	35.60	14.537	15.326	14.966	13.440	11.038	8.253	5.605	3.465	1.961	0.994
3571	35.70	0.363	-0.193	-0.699	-1.118	-1.313	-1.166	-0.669	0.043	0.731	1.141
3581	35.80	1.103	0.601	-0.211	-1.059	-1.632	-1.680	-1.083	0.108	1.696	3.391
3591	35.90	4.893	5.979	6.558	6.684	6.520	6.261	6.039	5.868	5.628	5.126
3601	36.00	4.193	2.786	1.043	-0.739	-2.212	-3.113	-3.387	-3.229	-3.014	-3.142
3611	36.10	-3.865	-5.149	-6.666	-7.902	-8.354	-7.730	-6.073	-3.744	-1.276	0.838
3621	36.20	2.339	3.276	3.950	4.722	5.804	7.106	8.227	8.600	7.730	5.426
3631	36.30	1.923	-2.156	-5.997	-8.864	-10.327	-10.370	-9.335	-7.741	-6.068	-4.600
3641	36.40	-3.388	-2.336	-1.346	-0.443	0.191	0.292	-0.344	-1.727	-3.620	-5.598
3651	36.50	-7.202	-8.111	-8.256	-7.827	-7.162	-6.578	-6.223	-6.012	-5.674	-4.891
3661	36.60	-3.455	-1.385	1.065	3.481	5.432	6.611	6.920	6.470	5.514	4.346
3671	36.70	3.210	2.246	1.495	0.936	0.541	0.303	0.245	0.401	0.775	1.317
3681	36.80	1.920	2.432	2.710	2.657	2.263	1.607	0.842	0.145	-0.331	-0.494
3691	36.90	-0.335	0.092	0.689	1.353	1.986	2.506	2.828	2.865	2.526	1.743
3701	37.00	0.508	-1.108	-2.940	-4.765	-6.347	-7.487	-8.067	-8.051	-7.473	-6.408
3711	37.10	-4.952	-3.223	-1.373	0.411	1.922	2.974	3.644	3.413	2.966	2.347
3721	37.20	1.773	1.376	1.168	1.068	0.975	0.860	0.610	1.006	1.632	2.759
3731	37.30	4.269	5.852	7.107	7.679	7.407	6.378	4.889	3.320	1.982	1.022
3741	37.40	0.364	-0.184	-0.827	-1.679	-2.708	-3.758	-4.626	-5.135	-5.179	-4.719
3751	37.50	-3.755	-2.297	-0.377	1.920	4.410	6.796	8.725	9.885	10.123	9.515
3761	37.60	8.355	7.057	6.000	5.393	5.209	5.215	5.096	4.588	3.592	2.194
3771	37.70	0.900	-0.900	-2.149	-3.052	-3.619	-3.913	-4.001	-3.937	-3.785	-3.642
3781	37.80	-3.657	-3.994	-4.768	-5.944	-7.398	-8.750	-9.654	-9.837	-9.223	-7.976
3791	37.90	-6.441	-5.016	-4.001	-3.493	-3.360	-3.309	-3.010	-2.225	-0.887	0.892
3801	38.00	2.882	4.819	6.483	7.735	8.515	8.811	8.658	8.036	7.089	5.943
3811	38.10	4.795	3.657	3.278	3.080	3.131	3.176	2.938	2.231	1.050	-0.416
3821	38.20	-1.852	-2.947	-3.528	-3.629	-3.471	-3.351	-3.495	-3.946	-4.544	-5.008
3831	38.30	-5.090	-4.718	-4.068	-3.505	-3.437	-4.119	-5.526	-7.325	-8.986	-9.971
3841	38.40	-9.923	-8.771	-6.720	-4.135	-1.396	1.224	3.582	5.617	7.263	8.391
3851	38.50	8.825	8.426	7.205	5.390	3.401	1.731	0.775	0.692	1.354	2.419
3861	38.60	3.485	4.259	4.666	4.839	5.017	5.394	5.990	6.416	6.936	6.600
3871	38.70	5.384	3.282	0.522	-2.511	-5.375	-7.693	-9.229	-9.915	-9.843	-9.218
3881	38.80	-8.299	-7.341	-6.543	-6.015	-5.777	-5.775	-5.929	-6.178	-6.503	-6.911
3891	38.90	-7.397	-7.887	-8.218	-8.165	-7.529	-6.239	-4.424	-2.397	-0.562	0.744
3901	39.00	1.394	1.529	1.494	1.680	2.361	3.464	4.778	5.877	6.423	6.306
3911	39.10	5.709	5.019	4.649	4.846	5.577	6.556	7.372	7.693	7.385	6.561
3921	39.20	5.506	4.536	3.876	3.592	3.617	3.826	4.195	4.394	4.665	4.888
3931	39.30	5.002	4.930	4.621	4.092	3.438	2.781	2.192	1.633	0.950	-0.038
3941	39.40	-1.428	-3.128	-4.840	-6.161	-6.748	-6.485	-5.550	-4.358	-3.376	-2.909
3951	39.50	-2.980	-3.317	-3.510	-3.225	-2.380	-1.186	-0.066	0.651	0.729	0.306
3961	39.60	-0.266	-0.581	-0.390	0.282	1.148	1.806	1.935	1.444	0.502	-0.553
3971	39.70	-1.378	-1.272	-1.731	-1.408	-0.992	-0.599	-0.219	0.249	0.905	1.759
3981	39.80	2.694	3.500	3.970	3.986	3.565	2.837	1.975	1.122	0.354	-0.301
3991	39.90	-0.813	-1.101	-1.031	-0.464	0.656	2.236	4.020	5.661	6.743	7.091

Table 7—11—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1158 S03-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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	6.669	5.580	4.168	2.715	1.445	0.459	-0.248	-0.734	-1.042	-1.167
4011	40.10	-1.068	-0.711	-0.121	0.576	1.163	1.380	0.998	-0.089	-1.812	-3.914
4021	40.20	-5.997	-7.617	-8.406	-8.190	-7.044	-5.288	-3.388	-1.822	-0.927	-0.808
4031	40.30	-1.328	-2.192	-3.085	-3.797	-4.293	-4.692	-5.161	-5.799	-6.554	-7.232
4041	40.40	-7.580	-7.416	-6.729	-5.698	-4.624	-3.792	-3.357	-3.280	-3.362	-3.446
4051	40.50	-2.347	-3.114	-2.889	-2.869	-3.075	-3.378	-3.675	-3.018	-1.785	0.195
4061	40.60	2.615	4.985	6.810	7.756	7.886	7.592	6.292	5.510	5.106	5.134
4071	40.70	5.496	6.005	6.491	6.853	7.054	7.082	6.905	6.460	5.685	4.574
4081	40.80	3.220	1.823	0.635	-0.125	-0.352	-0.101	0.428	0.955	1.221	1.066
4091	40.90	0.468	-0.460	-1.524	-2.514	-3.266	-3.684	-3.772	-3.601	-3.290	-2.968
4101	41.00	-2.751	-2.704	-2.825	-3.048	-3.251	-3.302	-3.091	-2.578	-1.793	-0.834
4111	41.10	0.185	1.167	2.073	2.939	3.749	4.589	5.412	6.128	6.610	6.748
4121	41.20	6.510	5.971	5.306	4.733	4.531	4.669	5.119	5.267	5.267	4.995
4131	41.30	4.216	3.005	1.580	0.222	-0.819	-1.413	-1.586	-1.432	-1.313	-1.251
4141	41.40	-1.360	-1.520	-1.751	-1.698	-1.309	-0.609	0.236	0.954	1.256	0.934
4151	41.50	-0.068	-1.619	-3.438	-5.171	-6.496	-7.210	-7.284	-6.857	-6.178	-5.514
4161	41.60	-5.060	-4.875	-4.877	-4.885	-4.706	-4.221	-3.440	-2.503	-1.630	-1.031
4171	41.70	-0.817	-0.954	-1.275	-1.541	-1.539	-1.164	-0.453	0.437	1.298	1.957
4181	41.80	2.339	2.482	2.506	2.543	2.686	2.946	3.275	3.609	3.899	4.146
4191	41.90	4.392	4.683	5.031	5.398	5.708	5.879	5.867	5.682	5.371	4.978
4201	42.00	4.498	3.857	2.945	1.673	0.051	-1.765	-3.489	-4.774	-5.331	-5.036
4211	42.10	-3.983	-2.464	-0.878	0.397	1.315	1.218	0.818	0.119	-0.673	-1.429
4221	42.20	-2.119	-2.785	-3.488	-4.243	-4.997	-5.633	-6.011	-6.016	-5.600	-4.800
4231	42.30	-3.731	-2.570	-1.525	-0.803	-0.586	-0.979	-2.005	-3.561	-5.441	-7.366
4241	42.40	-9.046	-10.269	-10.845	-10.818	-10.235	-9.185	-7.739	-5.931	-3.785	-1.372
4251	42.50	1.140	3.487	5.359	6.504	6.829	6.465	5.737	5.063	4.798	5.102
4261	42.60	5.880	6.823	7.533	7.683	7.139	5.997	4.532	3.076	1.899	1.123
4271	42.70	0.719	0.554	0.481	0.399	0.279	0.146	0.037	-0.032	-0.076	-0.124
4281	42.80	-0.196	-0.289	-0.392	-0.507	-0.675	-0.967	-1.446	-2.112	-2.857	-3.466
4291	42.90	-3.678	-3.287	-2.242	-0.706	0.972	2.357	3.072	2.934	2.018	0.630
4301	43.00	-0.805	-1.891	-2.389	-2.280	-1.738	-1.031	-0.404	0.015	0.248	0.429
4311	43.10	0.720	1.221	1.919	2.687	3.341	3.725	3.779	3.574	3.283	3.115
4321	43.20	3.229	3.671	4.359	5.120	5.764	6.165	6.306	6.276	6.224	6.270
4331	43.30	6.461	6.641	6.675	6.328	5.454	4.045	2.254	0.347	-1.380	-2.691
4341	43.40	-3.480	-3.784	-3.739	-3.514	-3.244	-2.989	-2.746	-2.483	-2.190	-1.905
4351	43.50	-1.707	-1.681	-1.871	-2.257	-2.754	-3.251	-3.660	-3.947	-4.133	-4.260
4361	43.60	-4.343	-4.336	-4.143	-3.664	-2.865	-1.829	-0.759	0.054	0.489	0.382
4371	43.70	-0.119	-0.750	-1.205	-1.272	-0.928	-0.351	0.168	0.365	0.136	-0.389
4381	43.80	-0.915	-1.094	-0.692	0.294	1.628	2.924	3.807	4.048	3.645	2.788
4391	43.90	1.759	0.802	0.036	-0.557	-1.080	-1.638	-2.271	-2.940	-3.560	-4.046
4401	44.00	-4.353	-4.475	-4.414	-4.153	-3.655	-2.892	-1.899	-0.803	0.193	0.878
4411	44.10	1.127	0.964	0.559	0.153	-0.057	-0.013	0.189	0.370	0.392	0.269
4421	44.20	0.196	0.460	1.290	2.693	4.396	5.913	6.726	6.507	5.266	3.357
4431	44.30	1.342	-0.233	-1.037	-1.051	-0.524	0.177	0.738	1.002	0.983	0.777
4441	44.40	0.472	0.081	-0.430	-1.066	-1.727	-2.190	-2.186	-1.529	-0.242	1.400
4451	44.50	2.937	3.897	3.969	3.131	1.650	-0.042	-1.515	-2.503	-2.969	-3.060
4461	44.60	-2.998	-2.952	-2.974	-3.002	-2.931	-2.700	-2.339	-1.958	-1.695	-1.642
4471	44.70	-1.795	-2.062	-2.297	-2.361	-2.166	-1.691	-0.976	-0.101	0.832	1.704
4481	44.80	2.389	2.768	2.760	2.356	1.637	0.761	-0.078	-0.719	-1.084	-1.200
4491	44.90	-1.172	-1.123	-1.139	-1.230	-1.342	-1.391	-1.318	-1.111	-0.806	-0.454

Table 7—11—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1158 S03-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
4501	45.00	-0.090	0.286	0.691	1.135	1.590	1.993	2.277	2.416	2.456	2.508
4511	45.10	2.702	3.113	3.714	4.367	4.871	5.049	4.822	4.240	3.452	2.624
4521	45.20	1.857	1.140	0.371	-0.568	-1.725	-3.024	-4.270	-5.231	-5.733	-5.765
4531	45.30	-5.391	-4.896	-4.491	-4.309	-4.346	-4.475	-4.706	-4.876	-3.997	-3.468
4541	45.40	-2.918	-2.459	-2.124	-1.861	-1.557	-1.101	-0.430	0.446	1.458	2.509
4551	45.50	3.500	4.361	4.947	5.220	5.063	4.406	3.257	1.746	0.126	-1.271
4561	45.60	-2.126	-2.238	-1.596	-0.395	1.028	2.298	3.120	3.363	3.074	2.437
4571	45.70	1.664	1.011	0.517	0.193	-0.050	-0.331	-0.748	-1.340	-2.066	-2.811
4581	45.80	-3.402	-3.646	-3.374	-2.694	-1.041	0.807	2.751	4.440	5.567	5.960
4591	45.90	5.632	4.769	3.651	2.549	1.635	0.945	0.409	-0.067	-0.525	-0.910
4601	46.00	-1.104	-0.997	-0.578	0.023	0.568	0.802	0.577	-0.066	-0.899	-1.589
4611	46.10	-1.841	-1.518	-0.696	0.388	1.446	2.276	2.844	3.273	3.752	4.420
4621	46.20	5.267	6.123	6.726	6.836	6.346	5.318	3.955	2.505	1.161	-0.001
4631	46.30	-1.016	-1.974	-2.950	-3.951	-4.918	-5.767	-6.436	-6.929	-7.301	-7.623
4641	46.40	-7.929	-8.191	-8.327	-8.241	-7.877	-7.250	-6.449	-5.597	-4.805	-4.136
4651	46.50	-3.598	-3.156	-2.786	-2.478	-2.250	-2.128	-2.111	-2.158	-2.182	-2.078
4661	46.60	-1.760	-1.191	-0.404	0.509	1.620	2.200	2.757	3.059	3.149	3.138
4671	46.70	3.174	3.399	3.897	4.656	5.558	6.407	6.992	7.163	6.896	6.274
4681	46.80	5.473	4.664	3.944	3.306	2.667	1.949	1.163	0.446	0.017	0.091
4691	46.90	0.733	1.786	2.883	3.564	3.445	2.385	0.547	-1.650	-3.693	-5.163
4701	47.00	-5.874	-5.909	-5.529	-5.028	-4.590	-4.227	-3.814	-3.195	-2.299	-1.205
4711	47.10	-0.113	0.744	1.208	1.269	1.054	0.755	0.534	0.443	0.421	0.340
4721	47.20	0.085	-0.381	-1.000	-1.651	-2.208	-2.584	-2.745	-2.689	-2.413	-1.900
4731	47.30	-1.142	-0.178	0.867	1.796	2.396	2.535	2.237	1.703	1.240	1.130
4741	47.40	1.504	2.262	3.109	3.685	3.736	3.239	2.340	1.706	1.444	1.832
4751	47.50	2.776	3.945	4.917	5.368	5.208	4.605	3.889	3.385	3.259	3.455
4761	47.60	3.738	3.821	3.516	2.816	1.888	0.980	0.297	-0.092	-0.268	-0.398
4771	47.70	-0.632	-1.025	-1.516	-1.973	-2.284	-2.424	-2.474	-2.576	-2.849	-3.318
4781	47.80	-3.892	-4.408	-4.709	-4.729	-4.513	-4.196	-3.921	-3.763	-3.690	-3.590
4791	47.90	-3.332	-2.852	-2.194	-1.496	-0.932	-0.629	-0.617	-0.822	-1.113	-1.362
4801	48.00	-1.496	-1.504	-1.401	-1.185	-0.806	-0.484	0.737	1.916	3.179	4.234
4811	48.10	4.751	4.684	3.366	1.559	-0.578	-2.595	-4.078	-4.768	-4.612	-3.756
4821	48.20	-2.475	-1.085	0.141	1.019	1.468	1.495	1.166	0.584	-0.130	-0.849
4831	48.30	-1.458	-1.867	-2.029	-1.952	-1.703	-1.385	-1.117	-0.993	-1.051	-1.261
4841	48.40	-1.527	-1.713	-1.689	-1.373	-0.768	0.031	0.857	1.521	1.869	1.852
4851	48.50	1.451	0.863	0.251	-0.216	-0.436	-0.401	-0.178	0.121	0.400	0.612
4861	48.60	0.766	0.916	1.115	1.382	1.684	1.944	2.068	1.983	1.672	1.178
4871	48.70	0.598	-0.068	-0.568	-0.923	-0.626	-0.520	-0.358	-0.225	-0.177	-0.229
4881	48.80	-0.350	-0.486	-0.583	-0.614	-0.587	-0.539	-0.510	-0.510	-0.506	-0.421
4891	48.90	-0.172	0.290	0.945	1.689	2.368	2.828	2.972	2.803	2.415	1.954
4901	49.00	1.559	1.303	1.172	1.092	0.972	0.761	0.477	0.201	0.030	0.029
4911	49.10	0.184	0.400	0.532	0.444	0.063	-0.591	-1.400	-2.190	-2.786	-3.058
4921	49.20	-2.960	-2.535	-1.897	-1.190	-0.550	-0.060	0.263	0.466	0.634	0.862
4931	49.30	1.117	1.422	1.664	1.744	1.613	1.316	0.995	0.843	1.018	1.560
4941	49.40	2.340	3.091	3.689	3.983	3.999	3.984	3.634	2.977	3.033	3.372
4951	49.50	-3.166	-2.635	-2.036	-1.559	-1.270	-1.121	-1.016	-0.890	-0.759	-0.702
4961	49.60	-0.826	-1.173	-1.682	-2.184	-2.467	-2.358	-1.797	-0.866	0.238	1.227
4971	49.70	2.055	2.479	2.574	2.446	2.227	2.012	1.831	1.647	1.397	1.030
4981	49.80	0.550	0.020	-0.452	-0.755	-0.819	-0.636	-0.270	0.174	0.593	0.921
4991	49.90	1.153	1.333	1.517	1.736	1.964	2.123	2.122	1.909	1.517	1.067

Table 7—11—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
5001	50.00	0.730	0.654	0.881	1.315	1.741	1.902	1.610	0.829	-0.302	-1.520
5011	50.10	-2.540	-3.166	-3.360	-3.233	-2.984	-2.799	-2.776	-2.903	-3.097	-3.267
5021	50.20	-3.372	-3.474	-3.502	-3.591	-3.644	-3.534	-3.120	-2.333	-1.236	-0.026
5031	50.30	1.028	1.694	1.867	1.610	1.116	0.611	0.252	0.065	-0.040	-0.190
5041	50.40	-0.447	-0.747	-0.906	-0.703	0.002	1.175	2.589	3.888	4.719	4.866
5051	50.50	4.329	3.317	2.162	1.191	0.606	0.429	0.527	0.681	0.695	0.471
5061	50.60	0.038	-0.472	-0.884	-1.053	-0.918	-0.519	0.019	0.526	0.845	0.878
5071	50.70	0.617	0.145	-0.387	-0.814	-1.004	-0.908	-0.575	-0.131	0.265	0.481
5081	50.80	0.466	0.265	0.003	-0.166	-0.115	0.206	0.761	1.441	2.111	2.656
5091	50.90	3.002	3.143	3.112	2.961	2.740	2.486	2.217	1.947	1.685	1.439
5101	51.00	1.215	1.010	0.813	0.608	0.383	0.133	-0.135	-0.405	-0.660	-0.886
5111	51.10	-1.073	-1.214	-1.303	-1.339	-1.325	-1.272	-1.205	-1.150	-1.132	-1.161
5121	51.20	-1.228	-1.314	-1.395	-1.467	-1.552	-1.697	-1.953	-2.356	-2.895	-3.510
5131	51.30	-4.092	-4.516	-4.678	-4.522	-4.066	-3.389	-2.630	-1.933	-1.422	-1.166
5141	51.40	-1.156	-1.319	-1.528	-1.651	-1.499	-1.063	-0.340	0.562	1.471	2.194
5151	51.50	2.576	2.550	2.160	1.561	0.883	0.356	0.066	0.020	0.140	0.308
5161	51.60	0.420	0.430	0.366	0.304	0.349	0.512	0.806	1.150	1.445	1.615
5171	51.70	1.637	1.540	1.388	1.232	1.085	0.908	0.639	0.229	-0.317	-0.932
5181	51.80	-1.507	-1.935	-2.165	-2.219	-2.179	-2.142	-2.163	-2.221	-2.227	-2.066
5191	51.90	-1.667	-1.048	-0.328	0.316	0.726	0.825	0.654	0.366	0.060	-0.097
5201	52.00	-0.121	-0.109	-0.202	-0.510	-1.049	-1.731	-2.393	-2.879	-3.094	-3.040
5211	52.10	-2.788	-2.421	-1.981	-1.443	-0.741	0.170	1.256	2.375	3.320	3.883
5221	52.20	3.945	3.528	2.789	1.956	1.236	0.739	0.463	0.322	0.226	0.147
5231	52.30	0.140	0.315	0.468	0.530	0.392	0.255	0.243	0.840	1.430	2.661
5241	52.40	1.758	0.966	0.459	0.302	0.445	0.778	1.177	1.555	1.869	2.109
5251	52.50	2.265	2.317	2.231	1.984	1.587	1.090	0.577	0.133	-0.181	-0.349
5261	52.60	-0.392	-0.366	-0.234	-0.067	0.246	0.682	1.273	1.982	2.729	3.404
5271	52.70	3.901	4.144	4.096	3.762	3.171	2.369	1.414	0.388	-0.603	-1.423
5281	52.80	-1.936	-2.036	-1.693	-0.977	-0.055	0.845	1.497	1.736	1.504	0.853
5291	52.90	-0.080	-1.134	-2.168	-3.099	-3.901	-4.580	-5.138	-5.552	-5.764	-5.712
5301	53.00	-5.363	-4.764	-3.951	-3.124	-2.412	-1.913	-1.652	-1.570	-1.553	-1.480
5311	53.10	-1.263	-0.860	-0.375	0.167	0.655	1.021	1.237	1.314	1.284	1.186
5321	53.20	1.055	0.922	0.822	0.795	0.884	1.119	1.499	1.981	2.484	2.910
5331	53.30	3.181	3.264	3.188	3.034	2.896	2.846	2.892	2.975	2.983	2.803
5341	53.40	2.361	1.666	0.868	-0.067	-0.810	-1.318	-1.573	-1.639	-1.636	-1.690
5351	53.50	-1.881	-2.220	-2.646	-3.057	-3.352	-3.468	-3.405	-3.219	-3.000	-2.835
5361	53.60	-2.784	-2.863	-3.027	-3.283	-3.512	-3.680	-3.751	-3.705	-3.537	-3.256
5371	53.70	-2.881	-2.439	-1.964	-1.492	-1.048	-0.645	-0.282	0.052	0.368	0.668
5381	53.80	0.945	1.181	1.367	1.508	1.627	1.763	1.947	2.185	2.437	2.622
5391	53.90	2.634	2.379	1.819	0.996	0.040	-0.857	-1.695	-1.725	-1.503	-0.907
5401	54.00	-0.122	0.621	1.108	1.216	0.937	0.373	-0.312	-0.961	-1.478	-1.852
5411	54.10	-2.132	-2.384	-2.625	-2.792	-2.753	-2.359	-1.523	-0.279	1.195	2.622
5421	54.20	3.717	4.287	4.305	3.918	3.391	2.995	2.906	3.134	3.534	3.881
5431	54.30	3.970	3.713	3.173	2.533	2.014	1.774	1.841	2.110	2.385	2.473
5441	54.40	2.258	1.739	1.024	0.265	-0.400	-0.896	-1.220	-1.410	-1.506	-1.515
5451	54.50	-1.417	-1.191	-0.855	-0.495	-0.250	-0.270	-0.651	-1.384	-2.360	-3.307
5461	54.60	-4.061	-4.443	-4.409	-4.026	-3.431	-2.763	-2.104	-1.465	-0.809	-0.103
5471	54.70	0.627	1.284	1.728	1.836	1.573	1.021	0.362	-0.190	-0.471	-0.439
5481	54.80	-0.178	0.140	0.344	0.339	0.151	-0.095	-0.242	-0.184	0.073	0.411
5491	54.90	0.649	0.628	0.290	-0.295	-0.951	-1.464	-1.670	-1.508	-1.033	-0.388

Table 7—11—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
5501	55.00	0.262	0.781	1.092	1.181	1.070	0.794	0.391	-0.098	-0.621	-1.104
5511	55.10	-1.468	-1.644	-1.607	-1.381	-1.039	-0.671	-0.358	-0.141	-0.026	0.012
5521	55.20	-0.002	-0.054	-0.166	-0.277	-0.434	-0.579	-0.660	-0.628	-0.461	-0.171
5531	55.30	0.206	0.631	1.086	1.573	2.106	2.672	3.211	3.612	3.744	3.509
5541	55.40	2.897	2.005	1.024	0.178	-0.354	-0.500	-0.306	0.084	0.504	0.823
5551	55.50	0.993	1.044	1.046	1.055	1.081	1.080	0.983	0.742	0.363	-0.092
5561	55.60	-0.525	-0.845	-1.008	-1.026	-0.952	-0.851	-0.766	-0.706	-0.643	-0.561
5571	55.70	-0.453	-0.345	-0.230	-0.292	-0.384	-0.528	-0.673	-0.778	-0.834	-0.870
5581	55.80	-0.930	-1.040	-1.180	-1.269	-1.197	-0.868	-0.254	0.583	1.495	2.301
5591	55.90	2.852	3.082	3.031	2.819	2.591	2.447	2.409	2.413	2.349	2.116
5601	56.00	1.679	1.084	0.460	-0.123	-0.511	-0.701	-0.737	-0.706	-0.690	-0.733
5611	56.10	-0.824	-0.919	-0.971	-0.966	-0.930	-0.920	-0.984	-1.036	-1.322	-1.459
5621	56.20	-1.457	-1.276	-0.955	-0.611	-0.398	-0.463	-0.789	-1.365	-2.010	-2.527
5631	56.30	-2.766	-2.673	-2.323	-1.872	-1.491	-1.307	-1.325	-1.462	-1.579	-1.553
5641	56.40	-1.342	-0.999	-0.746	-0.603	-0.392	-0.329	-0.263	-0.136	0.163	0.878
5651	56.50	1.757	2.590	3.154	3.297	2.983	2.297	1.399	0.460	-0.392	-1.095
5661	56.60	-1.638	-2.033	-2.278	-2.350	-2.218	-1.875	-1.355	-0.737	-0.121	0.411
5671	56.70	0.812	1.083	1.247	1.318	1.288	1.126	0.812	0.371	-0.110	-0.497
5681	56.80	-0.662	-0.543	-0.181	0.280	0.655	0.796	0.659	0.331	-0.015	-0.200
5691	56.90	-0.125	0.181	0.576	0.876	0.945	0.783	0.432	0.123	-0.008	0.098
5701	57.00	0.378	0.674	0.811	0.677	0.268	-0.312	-0.906	-1.370	-1.624	-1.665
5711	57.10	-1.547	-1.335	-1.077	-0.795	-0.500	-0.214	0.017	0.139	0.124	-0.008
5721	57.20	-0.174	-0.258	-0.162	0.146	0.610	1.097	1.453	1.561	1.396	1.025
5731	57.30	0.583	0.211	0.009	0.001	0.146	0.364	0.581	0.748	0.855	0.907
5741	57.40	0.915	0.875	0.773	0.599	0.356	0.073	-0.202	-0.418	-0.538	-0.550
5751	57.50	-0.470	-0.333	-0.182	-0.055	0.027	0.058	0.051	0.032	0.035	0.090
5761	57.60	0.214	0.401	0.624	0.845	1.030	1.162	1.254	1.335	1.433	1.551
5771	57.70	1.659	1.697	1.603	1.346	0.938	0.448	-0.038	-0.449	-0.759	-0.995
5781	57.80	-1.216	-1.367	-1.749	-2.000	-2.126	-2.035	-1.751	-1.413	-0.976	-0.255
5791	57.90	-0.059	-0.110	-0.332	-0.590	-0.760	-0.782	-0.688	-0.586	-0.598	-0.797
5801	58.00	-1.172	-1.621	-1.999	-2.186	-2.126	-1.871	-1.542	-1.281	-1.191	-1.299
5811	58.10	-1.545	-1.812	-1.974	-1.935	-1.655	-1.152	-0.481	0.292	1.110	1.927
5821	58.20	2.707	3.410	3.994	4.415	4.644	4.682	4.567	4.362	4.140	3.956
5831	58.30	3.827	3.732	3.621	3.441	3.161	2.785	2.348	1.893	1.448	1.010
5841	58.40	0.544	0.009	-0.443	-1.375	-2.129	-2.813	-3.364	-3.674	-3.839	-3.903
5851	58.50	-3.951	-4.034	-4.141	-4.201	-4.117	-3.823	-3.319	-2.691	-2.075	-1.607
5861	58.60	-1.371	-1.363	-1.510	-1.709	-1.880	-1.995	-2.077	-2.156	-2.229	-2.231
5871	58.70	-2.051	-1.591	-0.825	0.155	1.156	1.941	2.330	2.267	1.854	1.299
5881	58.80	0.830	0.596	0.616	0.784	0.943	0.976	0.870	0.726	0.698	0.906
5891	58.90	1.352	1.904	2.361	2.443	2.091	1.323	0.323	-0.653	-1.374	-1.712
5901	59.00	-1.671	-1.361	-0.929	-0.498	-0.426	0.186	0.463	0.720	0.938	1.078
5911	59.10	1.105	1.022	0.875	0.739	0.681	0.732	0.867	1.025	1.143	1.182
5921	59.20	1.153	1.102	1.080	1.111	1.173	1.206	1.137	0.935	0.622	0.285
5931	59.30	0.050	0.043	0.340	0.947	1.789	2.731	3.610	4.272	4.607	4.565
5941	59.40	4.169	3.499	2.679	1.843	1.107	0.543	0.166	-0.060	-0.205	-0.339
5951	59.50	-0.508	-0.724	-0.968	-1.211	-1.436	-1.651	-1.888	-2.186	-2.562	-2.997
5961	59.60	-3.431	-3.779	-3.961	-3.928	-3.688	-3.295	-2.839	-2.411	-2.077	-1.860
5971	59.70	-1.742	-1.687	-1.617	-1.527	-1.399	-1.252	-1.111	-0.996	-0.904	-0.804
5981	59.80	-0.650	-0.395	-0.020	0.453	0.959	1.405	1.704	1.805	1.715	1.494
5991	59.90	1.238	1.032	0.923	0.896	0.895	0.845	0.700	0.468	0.205	-0.010

Table 7—11—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
6001	60.00	-0.122	-0.134	-0.114	-0.132	-0.202	-0.836	-1.615	-2.005	-2.448	-2.630
6011	60.10	-2.529	-2.228	-1.878	-1.631	-1.569	-1.669	-1.801	-1.992	-1.492	-0.840
6021	60.20	0.105	1.187	2.206	2.992	3.456	3.602	3.530	3.366	3.228	3.180
6031	60.30	3.223	3.305	3.353	3.304	3.132	2.853	2.527	2.236	2.060	2.050
6041	60.40	2.210	2.487	2.781	2.962	2.905	2.528	1.819	0.842	-0.272	-1.358
6051	60.50	-2.258	-2.857	-3.105	-3.022	-2.680	-2.182	-1.630	-1.116	-0.705	-0.438
6061	60.60	-0.337	-0.403	-0.621	-0.957	-1.365	-1.788	-2.171	-2.469	-2.654	-2.721
6071	60.70	-2.685	-2.578	-2.437	-2.303	-2.205	-2.159	-2.159	-2.183	-2.195	-2.154
6081	60.80	-2.033	-1.823	-1.543	-1.234	-0.943	-0.712	-0.560	-0.479	-0.445	-0.425
6091	60.90	-0.394	-0.346	-0.289	-0.235	-0.193	-0.153	-0.094	0.014	0.190	0.431
6101	61.00	0.710	0.975	1.171	1.246	1.174	0.957	0.622	0.222	-0.180	-0.520
6111	61.10	-0.743	-0.817	-0.732	-0.510	-0.194	0.157	0.486	0.765	0.911	0.976
6121	61.20	0.950	0.851	0.693	0.492	0.260	0.012	-0.237	-0.473	-0.685	-0.866
6131	61.30	-1.010	-1.103	-1.123	-1.040	-0.833	-0.508	-0.113	0.262	0.512	0.551
6141	61.40	0.554	0.266	-0.465	-0.815	-0.960	-0.864	-0.581	-0.233	0.057	0.218
6151	61.50	0.269	0.305	0.452	0.791	1.317	1.929	2.469	2.789	2.816	2.574
6161	61.60	2.166	1.723	1.338	1.036	0.773	0.484	0.131	-0.258	-0.595	-0.767
6171	61.70	-0.690	-0.557	0.154	0.705	1.148	1.375	1.352	1.113	0.741	0.334
6181	61.80	-0.027	-0.284	-0.405	-0.375	-0.190	0.134	0.563	1.037	1.482	1.820
6191	61.90	1.989	1.952	1.707	1.288	0.755	0.197	-0.278	-0.561	-0.563	-0.246
6201	62.00	0.348	1.097	1.822	2.345	2.543	2.400	2.005	1.514	1.084	0.805
6211	62.10	0.673	0.610	0.522	0.364	0.168	0.032	0.059	0.284	0.639	0.969
6221	62.20	1.101	0.936	0.505	-0.034	-0.464	-0.614	-0.441	-0.054	0.338	0.530
6231	62.30	0.413	0.026	-0.477	-0.909	-1.151	-1.197	-1.154	-1.161	-1.308	-1.586
6241	62.40	-1.893	-2.098	-2.124	-1.991	-1.801	-1.667	-1.633	-1.627	-1.486	-1.067
6251	62.50	-0.253	0.785	1.802	2.480	2.589	2.088	1.155	0.106	-0.741	-1.201
6261	62.60	-1.284	-1.162	-1.052	-1.098	-1.287	-1.470	-1.453	-1.128	-0.550	0.066
6271	62.70	0.430	0.318	-0.318	-1.323	-2.389	-3.231	-3.616	-3.533	-3.129	-2.624
6281	62.80	-2.204	-1.936	-1.761	-1.569	-1.382	-0.630	0.025	0.634	1.044	1.172
6291	62.90	1.032	0.722	0.375	0.101	-0.043	-0.052	0.048	0.229	0.475	0.776
6301	63.00	1.110	1.431	1.672	1.769	1.695	1.476	1.186	0.916	0.731	0.646
6311	63.10	0.619	0.582	0.482	0.316	0.135	0.023	0.049	0.231	0.518	0.805
6321	63.20	0.981	0.972	0.773	0.447	0.092	-0.201	-0.382	-0.452	-0.453	-0.436
6331	63.30	-0.425	-0.424	-0.407	-0.343	-0.225	-0.074	0.062	0.123	0.083	-0.141
6341	63.40	-0.480	-0.522	-1.421	-1.922	-2.367	-2.698	-2.855	-2.792	-2.482	-1.935
6351	63.50	-1.206	-0.382	0.416	1.070	1.485	1.610	1.450	1.070	0.581	0.125
6361	63.60	-0.160	-0.173	0.118	0.662	1.321	1.909	2.239	2.188	1.734	0.978
6371	63.70	0.107	-0.659	-1.146	-1.280	-1.108	-0.768	-0.434	-0.243	-0.244	-0.390
6381	63.80	-0.562	-0.636	-0.530	-0.244	0.143	0.511	0.749	0.796	0.660	0.406
6391	63.90	0.122	-0.118	-0.272	-0.339	-0.338	-0.287	-0.184	-0.010	0.257	0.623
6401	64.00	1.061	1.514	1.909	2.186	2.316	2.311	2.213	2.068	1.899	1.695
6411	64.10	1.413	1.001	0.439	-0.248	-0.973	-1.615	-2.054	-2.212	-2.085	-1.740
6421	64.20	-1.294	-0.876	-0.584	-0.463	-0.498	-0.640	-0.826	-1.003	-1.139	-1.218
6431	64.30	-1.230	-1.162	-1.002	-0.749	-0.427	-0.090	0.190	0.367	0.348	0.207
6441	64.40	-0.018	-0.263	-0.398	-0.444	-0.392	-0.283	-0.169	-0.083	-0.026	0.021
6451	64.50	0.082	0.167	0.259	0.327	0.345	0.309	0.251	0.215	0.241	0.335
6461	64.60	0.471	0.598	0.679	0.716	0.760	0.885	1.151	1.553	2.008	2.366
6471	64.70	2.472	2.223	1.625	0.797	-0.065	-0.758	-1.144	-1.193	-0.979	-0.636
6481	64.80	-0.299	-0.051	0.096	0.187	0.283	0.424	0.606	0.787	0.916	0.952
6491	64.90	0.892	0.758	0.589	0.420	0.267	0.130	0.004	-0.115	-0.225	-0.326

Table 7—11—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
6501	65.00	-0.427	-0.548	-0.710	-0.917	-1.142	-1.320	-1.376	-1.249	-0.939	-0.516
6511	65.10	-0.115	0.112	0.051	-0.320	-0.914	-1.553	-2.025	-2.157	-1.870	-1.203
6521	65.20	-0.301	0.638	1.425	1.925	2.086	1.933	1.546	1.017	0.445	-0.095
6531	65.30	-0.538	-0.827	-0.911	-0.754	-0.351	0.254	0.962	1.630	2.103	2.257
6541	65.40	2.037	1.485	0.731	-0.038	-0.640	-0.944	-0.918	-0.627	-0.212	0.170
6551	65.50	0.393	0.403	0.229	-0.045	-0.321	-0.425	-0.532	-0.675	-0.698	-0.748
6561	65.60	-0.838	-0.944	-1.021	-1.025	-0.933	-0.758	-0.532	-0.296	-0.079	0.109
6571	65.70	0.272	0.409	0.511	0.552	0.511	0.388	0.229	0.118	0.158	0.430
6581	65.80	0.953	1.659	2.405	3.009	3.312	3.232	2.797	2.134	1.431	0.867
6591	65.90	0.559	0.530	0.715	0.994	1.248	1.392	1.401	1.299	1.124	0.906
6601	66.00	0.645	0.321	-0.084	-0.564	-1.069	-1.520	-1.836	-1.970	-1.932	-1.785
6611	66.10	-1.623	-1.529	-1.539	-1.633	-1.747	-1.813	-1.792	-1.700	-1.593	-1.540
6621	66.20	-1.579	-1.699	-1.839	-1.918	-1.877	-1.714	-1.477	-1.251	-1.107	-1.075
6631	66.30	-1.130	-1.219	-1.295	-1.351	-1.428	-1.584	-1.856	-2.211	-2.542	-2.697
6641	66.40	-2.546	-2.043	-1.256	-0.356	0.453	1.008	1.246	1.218	1.044	0.844
6651	66.50	0.681	0.531	0.322	-0.010	-0.456	-0.915	-1.224	-1.232	-0.876	-0.225
6661	66.60	0.537	1.185	1.539	1.543	1.274	0.897	0.588	0.452	0.492	0.623
6671	66.70	0.734	0.756	0.696	0.628	0.646	0.808	1.090	1.400	1.619	1.653
6681	66.80	1.484	1.168	0.810	0.513	0.335	0.275	0.291	0.334	0.375	0.422
6691	66.90	0.501	0.633	0.813	1.008	1.170	1.262	1.274	1.221	1.126	1.005
6701	67.00	0.851	0.645	0.373	0.045	-0.300	-0.613	-0.857	-1.030	-1.170	-1.326
6711	67.10	-1.523	-1.742	-1.911	-1.962	-1.777	-1.431	-0.997	-0.615	-0.405	-0.413
6721	67.20	-0.581	-0.769	-0.820	-0.631	-0.198	0.380	0.951	1.375	1.586	1.602
6731	67.30	1.505	1.387	1.307	1.269	1.237	1.173	1.065	0.938	0.827	0.757
6741	67.40	0.716	0.661	0.553	0.385	0.197	0.061	0.029	0.087	0.139	0.035
6751	67.50	-0.351	-1.045	-1.930	-2.760	-3.251	-3.195	-2.558	-1.508	-0.361	0.536
6761	67.60	0.933	0.766	0.553	0.645	-1.363	-1.810	-1.936	-1.809	-1.563	-1.323
6771	67.70	-1.156	-1.055	-0.968	-0.835	-0.623	-0.339	-0.017	0.297	0.563	0.757
6781	67.80	0.867	0.888	0.826	0.700	0.543	0.398	0.307	0.295	0.356	0.461
6791	67.90	0.571	0.658	0.722	0.780	0.859	0.966	1.084	1.170	1.186	1.117
6801	68.00	0.985	0.835	0.708	0.608	0.493	0.298	-0.018	-0.430	-0.826	-1.040
6811	68.10	-0.913	-0.379	0.488	1.481	2.327	2.795	2.783	2.365	1.753	1.210
6821	68.20	0.936	0.996	1.305	1.680	1.940	1.982	1.822	1.572	1.371	1.314
6831	68.30	1.404	1.557	1.653	1.592	1.349	0.977	0.578	0.250	0.046	-0.041
6841	68.40	-0.067	-0.097	-0.168	-0.279	-0.398	-0.486	-0.532	-0.556	-0.603	-0.718
6851	68.50	-0.920	-1.186	-1.467	-1.705	-1.864	-1.941	-1.964	-1.972	-1.986	-1.992
6861	68.60	-1.942	-1.773	-1.441	-0.946	-0.350	0.244	0.712	0.961	0.950	0.710
6871	68.70	0.327	-0.088	-0.434	-0.653	-0.736	-0.716	-0.642	-0.569	-0.447	-0.318
6881	68.80	-0.132	0.132	0.472	0.856	1.232	1.549	1.769	1.875	1.870	1.761
6891	68.90	1.554	1.256	0.880	0.461	0.060	-0.241	-0.363	-0.259	0.065	0.545
6901	69.00	1.076	1.546	1.868	2.008	1.981	1.835	1.620	1.366	1.077	0.738
6911	69.10	0.338	-0.114	-0.580	-1.002	-1.325	-1.512	-1.557	-1.488	-1.349	-1.197
6921	69.20	-1.082	-1.050	-1.137	-1.365	-1.738	-2.231	-2.790	-3.341	-3.804	-4.122
6931	69.30	-4.277	-4.291	-4.215	-4.100	-3.969	-3.809	-3.580	-3.242	-2.781	-2.232
6941	69.40	-1.666	-1.159	-0.769	-0.496	-0.289	-0.068	0.233	0.635	1.099	1.561
6951	69.50	1.872	2.033	2.023	1.897	1.737	1.616	1.569	1.583	1.612	1.606
6961	69.60	1.533	1.394	1.225	1.055	0.912	0.794	0.683	0.550	0.376	0.155
6971	69.70	-0.109	-0.408	-0.760	-1.110	-1.520	-1.952	-2.367	-2.701	-2.891	-2.894
6981	69.80	-2.711	-2.390	-2.013	-1.667	-1.413	-1.265	-1.194	-1.143	-1.061	-0.920
6991	69.90	-0.732	-0.531	-0.359	-0.239	-0.185	-0.108	-0.033	0.082	0.234	0.397

Table 7—11—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1158 503-GR-1-59 HB. (HB.) KANNONZAKI MAX. ACC. = -53.928 (GAL) T= 18.11 (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)
7001	70.00	0.540	0.645	0.718	0.792	0.906	1.088	1.338	1.628	1.909	2.138
7011	70.10	2.288	2.360	2.369	2.334	2.256	2.117	1.890	1.556	1.123	0.628
7021	70.20	0.134	-0.296	-0.618	-0.816	-0.898	-0.882	-0.776	-0.574	-0.273	0.109
7031	70.30	0.507	0.812	0.891	0.663	0.065	-0.813	-1.736	-2.475	-2.805	-2.600
7041	70.40	-1.884	-0.821	0.339	1.363	2.012	2.294	2.257	2.069	1.832	1.718
7051	70.50	1.741	1.859	1.992	2.062	2.032	1.918	1.777	1.676	1.660	1.735
7061	70.60	1.866	1.996	2.071	2.062	1.982	1.874	1.797	1.796	1.875	2.007
7071	70.70	2.118	2.127	1.971	1.626	1.125	0.539	-0.040	-0.535	-0.907	-1.163
7081	70.80	-1.340	-1.487	-1.632	-1.770	-1.866	-1.875	-1.770	-1.559	-1.293	-1.038
7091	70.90	-0.853	-0.756	-0.706	-0.638	-0.472	-0.169	0.246	0.681	1.006	1.107
7101	71.00	0.938	0.566	0.062	-0.330	-0.470	-0.280	0.206	0.850	1.456	1.866
7111	71.10	1.910	1.660	1.201	0.696	0.291	0.082	0.072	0.191	0.345	0.456
7121	71.20	0.498	0.501	0.519	0.594	0.716	0.820	0.812	0.611	0.197	-0.371
7131	71.30	-0.966	-1.441								

Table 7—12—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	0.992	1.001	0.762	0.423	0.183	0.210	0.573	1.209	1.942
11	0.10	2.550	2.948	2.755	2.314	1.662	0.976	0.402	0.018	-0.174	-0.211
21	0.20	-0.130	0.067	0.408	0.925	1.609	2.373	3.055	3.456	3.403	2.819
31	0.30	1.758	0.403	-0.983	-2.136	-2.866	-3.101	-2.888	-2.364	-1.691	-1.010
41	0.40	-0.399	0.120	0.567	0.973	1.353	1.706	2.015	2.270	2.469	2.622
51	0.50	2.733	2.785	2.736	2.525	2.098	1.432	0.565	-0.413	-1.375	-2.191
61	0.60	-2.767	-3.057	-3.066	-2.831	-2.395	-1.799	-1.079	-0.285	0.499	1.157
71	0.70	1.554	1.583	1.204	0.474	-0.455	-1.373	-2.076	-2.617	-2.343	-1.895
81	0.80	-1.175	-0.309	0.591	1.435	2.146	2.648	2.862	2.722	2.210	1.389
91	0.90	0.413	-0.508	-1.160	-1.408	-1.245	-0.801	-0.293	0.052	0.086	-0.203
101	1.00	-0.689	-1.156	-1.376	-1.186	-0.536	0.508	1.784	3.086	4.204	4.950
111	1.10	5.183	4.813	3.822	2.282	0.359	-1.693	-3.569	-4.976	-5.701	-5.681
121	1.20	-4.924	-3.683	-2.203	-0.747	0.479	1.362	1.877	2.069	2.023	1.831
131	1.30	1.577	1.326	1.122	0.987	0.917	0.882	0.841	0.749	0.581	0.346
141	1.40	0.094	-0.094	-0.127	0.069	0.528	1.220	2.056	2.898	3.584	3.967
151	1.50	3.949	3.509	2.711	1.696	0.650	-0.249	-0.872	-1.175	-1.200	-1.052
161	1.60	-0.854	-0.710	-0.668	-0.728	-0.859	-1.035	-1.251	-1.528	-1.888	-2.321
171	1.70	-2.761	-3.092	-3.179	-2.921	-2.298	-1.389	-0.354	0.615	1.362	1.813
181	1.80	1.986	1.971	1.874	1.765	1.643	1.442	1.069	0.453	-0.402	-1.406
191	1.90	-2.392	-3.167	-3.567	-3.513	-3.029	-2.244	-1.347	-0.537	0.041	0.333
201	2.00	0.393	0.356	0.390	0.627	1.100	1.716	2.267	2.487	2.145	1.127
211	2.10	-0.497	-2.470	-4.402	-5.869	-6.529	-6.218	-4.996	-3.114	-0.967	1.030
221	2.20	2.530	3.319	3.341	2.680	1.525	0.117	-1.290	-2.557	-3.187	-3.348
231	2.30	-2.890	-1.867	-0.436	1.164	2.661	3.809	4.449	4.545	4.184	3.560
241	2.40	2.805	2.125	1.560	1.071	0.550	-0.127	-1.048	-2.229	-3.598	-5.017
251	2.50	-6.311	-7.396	-7.854	-7.859	-7.280	-6.140	-4.520	-2.554	-0.411	1.724
261	2.60	3.682	5.325	6.563	7.348	7.666	7.522	6.939	5.955	4.638	3.082
271	2.70	1.403	-0.285	-1.887	-3.343	-4.611	-5.647	-6.366	-6.629	-6.286	-5.217
281	2.80	-3.426	-1.084	1.466	3.784	5.456	6.219	6.036	5.099	3.734	2.280
291	2.90	0.970	-0.114	-1.009	-1.771	-2.383	-2.706	-2.520	-1.631	-0.004	2.163
301	3.00	4.467	6.312	7.271	7.044	5.639	3.333	0.576	-2.147	-4.432	-6.012
311	3.10	-6.764	-6.672	-5.796	-4.255	-2.239	-0.008	2.123	3.835	4.881	5.143
321	3.20	4.663	3.615	2.249	0.822	-0.451	-1.411	-1.944	-1.977	-1.486	-0.532
331	3.30	0.712	1.956	2.850	3.090	2.530	1.263	-0.394	-2.002	-3.154	-3.628
341	3.40	-3.454	-2.877	-2.224	-1.748	-1.509	-1.359	-1.031	-0.282	0.970	2.585
351	3.50	4.242	5.559	6.224	6.098	5.232	3.816	2.097	0.295	-1.422	-2.929
361	3.60	-4.121	-4.894	-5.171	-4.946	-4.326	-3.537	-2.872	-2.603	-2.870	-3.624
371	3.70	-4.618	-5.486	-5.856	-5.467	-4.254	-2.363	-0.108	2.109	3.898	4.966
381	3.80	5.169	4.545	3.297	1.750	0.285	-0.751	-1.122	-0.760	0.230	1.608
391	3.90	3.079	4.375	5.316	5.828	5.911	5.597	4.908	3.853	2.454	0.795
401	4.00	-0.955	-2.547	-3.716	-4.264	-4.135	-3.441	-2.437	-1.432	-0.694	-0.374
411	4.10	-0.478	-0.892	-1.442	-1.954	-2.290	-2.355	-2.087	-1.445	-0.419	0.943
421	4.20	2.503	4.021	5.187	5.683	5.280	3.917	1.745	-0.901	-3.567	-5.793
431	4.30	-7.215	-7.640	-7.062	-5.643	-3.649	-1.382	0.879	2.914	4.572	5.763
441	4.40	6.443	6.598	6.236	5.385	4.099	2.460	0.581	-1.397	-3.313	-4.993
451	4.50	-6.261	-6.951	-6.935	-6.156	-4.662	-2.644	-0.429	1.557	2.883	3.233
461	4.60	2.520	0.944	-1.026	-2.777	-3.732	-3.540	-2.204	-0.092	2.172	3.912
471	4.70	4.615	4.090	2.512	0.354	-1.777	-3.321	-3.895	-3.366	-1.830	0.444
481	4.80	3.088	5.696	7.863	9.228	9.519	8.618	6.613	3.807	0.671	-2.269
491	4.90	-4.580	-6.035	-6.669	-6.723	-6.518	-6.303	-6.139	-5.879	-5.242	-3.957

Table 7—12—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.740	3.631	6.239	8.062	8.765	8.271	6.768	4.662	2.354
511	5.10	0.329	-1.140	-1.931	-2.096	-1.814	-1.339	-0.932	-0.799	-1.038	-1.619
521	5.20	-2.387	-3.105	-3.527	-3.475	-2.911	-1.957	-0.871	0.036	0.497	0.400
531	5.30	-0.178	-0.977	-1.644	-1.852	-1.428	-0.425	0.883	2.089	2.797	2.769
541	5.40	2.022	0.835	-0.366	-1.067	-1.026	-0.186	1.212	2.748	3.963	4.519
551	5.50	4.292	3.371	1.992	0.436	-1.047	-2.346	-3.271	-3.713	-3.507	-2.503
561	5.60	-0.660	1.856	4.613	6.970	8.240	7.909	5.832	2.327	-1.897	-5.935
571	5.70	-8.958	-10.436	-10.255	-8.681	-6.220	-3.407	-0.822	1.476	3.125	4.106
581	5.80	4.370	3.901	2.756	1.123	-0.668	-2.195	-3.057	-3.000	-2.012	-0.332
591	5.90	1.629	3.423	4.703	5.310	5.284	4.803	4.080	3.283	2.484	1.669
601	6.00	0.781	-0.218	-1.308	-2.396	-3.332	-3.950	-4.114	-3.761	-2.926	-1.750
611	6.10	-0.456	0.698	1.493	1.807	1.658	1.192	0.636	0.203	0.012	0.043
621	6.20	0.155	0.165	-0.059	-0.521	-1.080	-1.507	-1.594	-1.252	-0.571	0.213
631	6.30	0.808	0.994	0.720	0.129	-0.500	-0.862	-0.753	-0.143	0.818	1.861
641	6.40	2.700	3.118	3.018	2.418	1.407	0.100	-1.191	-2.959	-4.483	-5.806
651	6.50	-6.735	-7.096	-6.780	-5.804	-4.367	-2.722	-1.306	-0.435	-0.298	-0.869
661	6.60	-1.888	-2.944	-3.569	-3.389	-2.243	-0.255	2.181	4.490	6.068	6.451
671	6.70	5.451	3.230	0.270	-2.742	-5.086	-6.198	-5.818	-4.048	-1.325	1.704
681	6.80	4.351	6.062	6.554	5.865	4.326	2.448	0.784	-0.226	-0.357	0.360
691	6.90	1.659	3.122	4.287	4.758	4.286	2.817	0.505	-2.320	-5.195	-7.603
701	7.00	-9.059	-9.204	-7.888	-5.230	-1.624	2.319	5.884	8.410	9.439	8.827
711	7.10	6.778	3.786	0.514	-2.373	-4.348	-5.128	-4.700	-3.278	-1.227	1.039
721	7.20	3.133	4.751	5.699	5.890	5.345	4.189	2.641	0.998	-0.505	-1.258
731	7.30	-1.354	-0.661	0.638	2.168	3.440	3.992	3.533	2.069	-0.158	-2.550
741	7.40	-4.500	-5.485	-5.246	-3.868	-1.740	0.573	2.505	3.654	3.862	3.211
751	7.50	1.938	0.328	-1.385	-3.056	-4.603	-5.978	-7.110	-7.900	-8.244	-8.075
761	7.60	-7.394	-6.277	-4.850	-3.242	-1.560	0.118	1.721	3.159	4.306	5.021
771	7.70	5.194	4.796	3.905	2.701	1.408	0.230	-0.704	-1.355	-1.752	-1.945
781	7.80	-1.960	-1.787	-1.397	-0.784	0.005	0.862	1.539	2.196	2.444	2.367
791	7.90	2.018	1.486	0.876	0.286	-0.192	-0.466	-0.451	-0.091	0.604	1.527
801	8.00	2.467	3.151	3.324	2.831	1.696	0.130	-1.514	-2.834	-3.499	-3.342
811	8.10	-2.396	-0.885	0.867	2.427	3.538	3.987	3.724	2.838	1.527	0.044
821	8.20	-1.342	-2.394	-2.940	-2.879	-2.202	-0.981	0.637	2.448	4.212	5.689
831	8.30	6.669	7.005	6.631	5.567	3.901	1.760	-0.704	-3.325	-5.904	-8.187
841	8.40	-9.863	-10.603	-10.146	-8.407	-5.578	-2.450	1.160	3.578	4.495	3.660
851	8.50	1.277	-2.047	-5.472	-8.169	-9.547	-9.382	-7.827	-5.310	-2.378	0.452
861	8.60	2.787	4.396	5.197	5.230	4.642	3.665	2.591	1.722	1.295	1.403
871	8.70	1.965	2.745	3.437	3.787	3.688	3.220	2.599	2.082	1.851	1.940
881	8.80	2.238	2.550	2.693	2.565	2.172	1.591	0.913	0.192	-0.568	-1.384
891	8.90	-2.246	-3.077	-3.734	-4.051	-3.894	-3.210	-2.053	-0.558	1.091	2.710
901	9.00	4.133	5.232	5.919	6.151	5.955	5.429	4.736	4.051	3.502	3.099
911	9.10	2.726	2.183	1.298	0.038	-1.421	-2.716	-3.429	-3.263	-2.205	-0.570
921	9.20	1.081	2.147	2.228	1.287	-0.328	-2.034	-3.250	-3.644	-3.258	-2.461
931	9.30	-1.770	-1.593	-2.043	-2.887	-3.662	-3.897	-3.332	-2.046	-0.425	1.003
941	9.40	1.789	1.741	0.979	-0.143	-1.206	-1.907	-2.157	-2.085	-1.938	-1.948
951	9.50	-2.229	-2.749	-3.376	-3.955	-4.384	-4.627	-4.682	-4.523	-4.065	-3.172
961	9.60	-1.733	0.259	2.640	5.075	7.134	8.408	8.639	7.786	6.032	3.713
971	9.70	1.216	-1.119	-3.058	-4.687	-5.383	-5.780	-5.736	-5.325	-4.640	-3.802
981	9.80	-2.955	-2.252	-1.823	-1.746	-2.024	-2.570	-3.221	-3.757	-3.943	-3.581
991	9.90	-2.564	-0.921	1.177	3.435	5.505	7.073	7.933	8.036	7.481	6.464

Table 7—12—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.210	3.916	2.729	1.755	1.082	0.790	0.923	1.651	2.221	2.969
1011	10.10	3.375	3.181	2.310	0.925	-0.602	-1.814	-2.364	-2.081	-1.202	-0.131
1021	10.20	0.661	0.767	0.085	-1.151	-2.554	-3.663	-4.126	-3.790	-2.717	-1.118
1031	10.30	0.730	2.555	4.109	5.173	5.543	5.066	3.691	1.528	-1.128	-3.844
1041	10.40	-6.161	-7.726	-8.404	-8.297	-7.683	-6.885	-6.142	-5.527	-4.963	-4.298
1051	10.50	-3.418	-2.319	-1.123	-0.015	0.839	1.361	1.580	1.592	1.482	1.273
1061	10.60	0.909	0.300	-0.601	-1.722	-2.849	-3.656	-3.796	-3.016	-1.246	1.368
1071	10.70	4.382	7.328	9.627	10.816	10.638	9.117	6.565	3.526	0.651	-1.664
1081	10.80	-2.436	-2.200	-1.031	0.544	1.902	2.518	2.119	0.765	-1.179	-3.155
1091	10.90	-4.572	-4.959	-4.085	-2.001	0.975	4.318	7.605	9.622	10.495	9.796
1101	11.00	7.613	4.362	0.722	-2.513	-4.618	-5.124	-3.942	-1.389	1.903	5.155
1111	11.10	7.650	8.903	8.771	7.451	5.409	3.241	1.521	0.671	0.868	2.012
1121	11.20	3.757	5.591	6.962	7.408	6.667	4.733	1.847	-1.586	-5.095	-8.279
1131	11.30	-10.851	-12.667	-13.690	-13.941	-13.456	-12.283	-10.500	-8.241	-5.705	-3.131
1141	11.40	-0.748	1.276	2.858	3.981	4.647	4.827	4.447	3.623	1.725	-0.548
1151	11.50	-3.142	-5.687	-7.793	-9.163	-9.675	-9.401	-8.544	-7.345	-5.995	-4.597
1161	11.60	-3.186	-1.795	-0.500	0.570	1.286	1.593	1.574	1.442	1.462	1.828
1171	11.70	2.547	3.395	3.972	3.843	2.709	0.542	-2.372	-5.693	-8.166	-9.783
1181	11.80	-9.924	-8.435	-5.436	-1.293	3.451	8.158	12.176	14.963	16.077	15.454
1191	11.90	13.239	9.849	5.858	1.864	-1.647	-4.377	-6.240	-7.309	-7.740	-7.692
1201	12.00	-7.289	-6.607	-5.695	-4.594	-3.339	-1.958	-0.466	1.132	2.787	4.391
1211	12.10	5.746	6.593	6.682	5.870	4.204	1.955	-0.422	-2.417	-3.552	-3.563
1221	12.20	-2.435	-0.414	2.066	3.680	4.349	5.328	7.281	6.311	4.736	3.022
1231	12.30	1.653	1.059	1.385	2.536	4.141	5.662	6.562	6.462	5.255	3.122
1241	12.40	0.458	-2.272	-4.667	-6.487	-7.672	-8.298	-8.502	-8.419	-8.147	-7.760
1251	12.50	-7.318	-6.880	-6.488	-6.141	-5.771	-5.261	-4.486	-3.379	-1.999	-0.526
1261	12.60	0.773	1.629	1.863	1.441	0.475	-0.819	-2.198	-3.451	-4.424	-5.014
1271	12.70	-5.137	-4.716	-3.689	-2.049	0.109	2.564	4.999	7.063	8.471	9.087
1281	12.80	8.958	8.294	7.391	6.522	5.855	5.396	5.010	4.483	3.621	2.345
1291	12.90	0.752	-0.878	-2.143	-2.625	-2.018	-0.244	2.492	5.716	8.779	11.012
1301	13.00	11.884	11.135	8.839	5.380	1.363	-2.516	-5.607	-7.409	-7.669	-6.311
1311	13.10	-3.634	-0.083	3.718	7.085	9.402	10.262	9.566	7.567	4.812	2.008
1321	13.20	-0.180	-1.306	-1.262	-0.296	1.082	2.258	2.682	2.009	0.160	-2.678
1331	13.30	-6.113	-9.628	-12.674	-14.751	-15.486	-14.695	-12.431	-8.990	-4.863	-0.653
1341	13.40	3.056	5.811	7.363	7.682	6.909	5.275	3.035	0.423	-2.348	-5.066
1351	13.50	-7.514	-9.481	-10.807	-11.628	-11.393	-10.864	-9.950	-8.847	-7.601	-6.230
1361	13.60	-4.766	-3.520	-2.101	-1.357	-1.253	-1.741	-2.498	-2.989	-2.642	-1.099
1371	13.70	1.587	4.889	7.932	9.772	9.727	7.625	3.880	-0.645	-4.925	-8.080
1381	13.80	-9.605	-9.438	-7.856	-5.302	-2.200	1.132	4.475	7.636	10.365	12.352
1391	13.90	13.282	12.959	11.406	8.896	5.895	2.929	0.445	-1.288	-2.199	-2.360
1401	14.00	-1.906	-0.968	0.345	1.915	3.577	5.101	6.234	6.770	6.642	5.962
1411	14.10	5.001	4.099	3.541	3.459	3.785	4.296	4.710	4.798	4.465	3.763
1421	14.20	2.847	1.886	0.980	0.147	-0.680	-1.580	-2.569	-3.563	-4.388	-4.835
1431	14.30	-4.751	-4.117	-3.081	-1.929	-1.016	-0.655	-1.038	-2.187	-3.965	-6.122
1441	14.40	-8.366	-10.417	-12.038	-13.041	-13.288	-12.702	-11.299	-9.222	-6.762	-4.332
1451	14.50	-2.381	-1.268	-1.141	-1.864	-3.037	-4.112	-4.570	-4.093	-2.670	-0.597
1461	14.60	1.631	3.484	4.558	4.674	3.897	2.473	0.737	-0.920	-2.352	-3.179
1471	14.70	-3.289	-2.598	-1.136	0.922	3.253	5.423	6.996	7.666	7.292	6.121
1481	14.80	4.564	3.162	2.407	2.594	3.740	5.583	7.672	9.488	10.580	10.655
1491	14.90	9.636	7.651	5.001	2.093	-0.636	-2.789	-4.075	-4.552	-3.643	-2.120

Table 7—12—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.062	2.194	4.312	5.995	7.016	7.245	6.665	5.388	3.660	1.835
1511	15.10	0.315	-0.544	-0.525	0.372	1.915	3.695	5.237	6.135	6.156	5.296
1521	15.20	3.749	1.831	-0.128	-1.868	-3.245	-4.231	-4.877	-5.273	-5.509	-5.657
1531	15.30	-5.767	-5.865	-5.963	-6.060	-6.151	-6.240	-6.352	-6.533	-6.828	-7.251
1541	15.40	-7.739	-8.137	-8.205	-7.689	-6.403	-4.328	-1.682	1.186	3.671	5.243
1551	15.50	5.484	4.218	1.579	-2.046	-5.997	-9.545	-11.980	-12.747	-11.555	-8.450
1561	15.60	-3.823	1.651	7.087	11.658	14.675	15.778	14.995	12.719	9.588	6.327
1571	15.70	3.580	1.769	1.132	1.534	2.726	4.328	5.933	7.184	7.821	7.715
1581	15.80	6.875	5.424	3.566	1.534	-0.454	-2.213	-3.586	-4.418	-4.546	-3.809
1591	15.90	-2.108	0.518	3.819	7.326	10.421	12.483	13.059	12.013	9.561	6.207
1601	16.00	2.573	-0.785	-3.527	-5.567	-7.026	-8.106	-8.974	-9.699	-10.257	-10.593
1611	16.10	-10.683	-10.568	-10.324	-10.008	-9.608	-9.044	-8.209	-7.052	-5.628	-4.107
1621	16.20	-2.700	-1.567	-0.733	-0.072	0.622	1.518	2.636	3.801	4.693	4.968
1631	16.30	4.404	2.999	1.284	-0.284	-3.400	-5.075	-6.169	-6.690	-6.735	-6.434
1641	16.40	-5.919	-5.330	-4.825	-4.577	-4.732	-5.341	-6.301	-7.360	-8.179	-8.460
1651	16.50	-8.070	-7.113	-5.893	-4.796	-4.122	-3.949	-4.101	-4.211	-3.883	-2.855
1661	16.60	-1.121	1.066	3.261	5.004	5.937	5.923	5.062	3.648	2.091	0.820
1671	16.70	0.196	0.455	1.656	3.671	6.194	8.791	10.986	12.357	12.653	11.826
1681	16.80	10.048	7.645	5.009	2.504	0.407	-1.117	-1.993	-2.207	-1.706	-0.800
1691	16.90	0.616	2.237	3.750	4.793	5.023	4.215	2.347	0.349	-3.396	-6.138
1701	17.00	-7.871	-7.992	-6.150	-2.348	3.022	9.239	15.392	20.557	23.983	25.227
1711	17.10	24.210	21.200	16.719	11.430	6.023	1.123	-2.768	-5.318	-6.401	-6.117
1721	17.20	-4.787	-2.917	-1.106	0.069	0.175	-0.985	-3.345	-6.602	-10.296	-13.897
1731	17.30	-16.887	-18.810	-19.318	-18.200	-15.427	-11.191	-5.908	-0.182	5.298	9.892
1741	17.40	13.137	14.825	15.001	13.888	11.786	8.982	5.723	2.240	-1.206	-4.288
1751	17.50	-6.672	-8.078	-8.399	-7.765	-6.522	-5.135	-4.046	-3.543	-3.711	-4.455
1761	17.60	-5.592	-6.937	-8.330	-9.659	-10.702	-11.199	-10.798	-9.207	-6.324	-2.349
1771	17.70	2.199	6.591	10.294	12.187	12.710	11.891	10.240	8.382	6.875	6.098
1781	17.80	6.210	7.178	8.822	10.852	12.897	14.527	15.309	14.890	13.092	9.974
1791	17.90	5.834	1.132	-3.628	-7.987	-11.598	-14.186	-15.495	-15.261	-13.257	-9.429
1801	18.00	-4.045	2.208	8.278	12.967	15.270	14.689	11.410	6.255	0.405	-4.973
1811	18.10	-9.075	-11.626	-12.835	-13.169	-13.091	-12.860	-12.503	-11.922	-11.061	-10.026
1821	18.20	-9.076	-8.484	-8.358	-8.505	-8.450	-7.591	-5.716	-3.911	-2.723	-1.768
1831	18.30	12.402	15.914	17.904	18.332	17.436	15.567	13.034	10.033	6.668	3.051
1841	18.40	-0.607	-3.831	-6.687	-8.419	-9.081	-8.853	-8.158	-7.541	-7.497	-8.318
1851	18.50	-10.022	-12.357	-14.891	-17.125	-18.601	-18.968	-18.020	-15.702	-12.119	-7.541
1861	18.60	-2.404	2.716	7.173	10.356	11.819	11.392	9.234	5.808	1.772	-2.178
1871	18.70	-5.466	-7.744	-8.930	-9.149	-8.631	-7.590	-6.138	-4.262	-1.861	1.166
1881	18.80	4.840	9.052	13.563	18.062	22.236	25.842	28.740	30.885	32.288	32.973
1891	18.90	32.942	32.174	30.649	28.373	25.412	21.883	17.947	13.775	9.522	5.307
1901	19.00	1.204	-2.753	-6.563	-10.236	-13.770	-17.117	-20.164	-22.618	-24.228	-24.651
1911	19.10	-23.657	-21.215	-17.558	-13.167	-8.667	-4.669	-1.612	0.329	1.227	1.288
1921	19.20	0.710	-0.432	-2.181	-4.592	-7.569	-10.737	-13.446	-14.939	-14.637	-12.423
1931	19.30	-8.798	-4.804	-1.725	-0.651	-2.096	-5.777	-10.722	-15.565	-19.003	-20.173
1941	19.40	-18.849	-15.388	-10.491	-4.901	0.814	6.338	11.518	16.213	20.175	23.032
1951	19.50	24.392	23.997	21.858	18.274	13.768	8.824	3.939	-0.664	-4.907	-8.794
1961	19.60	-12.309	-15.378	-17.885	-19.765	-20.959	-21.616	-21.816	-21.590	-20.814	-19.248
1971	19.70	-16.652	-12.961	-8.420	-3.612	0.669	3.660	4.886	4.336	2.493	0.181
1981	19.80	-1.692	-2.587	-1.506	0.925	4.790	9.522	14.727	19.975	24.844	28.863
1991	19.90	31.500	32.210	30.553	26.344	19.763	11.388	2.124	-6.952	-14.786	-20.514

Table 7—12—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-23.584	-23.794	-21.280	-16.458	-9.960	-2.566	4.869	11.490	16.531	19.418
2011	20.10	19.861	17.926	14.046	8.979	3.674	-0.906	-3.996	-5.209	-4.634	-2.814
2021	20.20	-0.599	1.103	1.593	0.598	-1.644	-4.455	-6.924	-8.180	-7.661	-5.161
2031	20.30	-1.047	4.045	9.281	13.836	17.017	18.372	17.703	15.083	10.851	5.584
2041	20.40	0.040	-4.968	-8.620	-10.461	-10.222	-8.164	-4.803	-0.895	2.756	5.440
2051	20.50	6.651	6.144	3.955	0.402	-3.937	-8.269	-11.695	-13.362	-12.672	-9.457
2061	20.60	-4.079	2.610	9.456	15.250	19.218	20.826	20.231	17.968	14.772	11.336
2071	20.70	8.131	5.331	2.857	0.477	-2.068	-4.962	-8.257	-11.869	-15.467	-18.712
2081	20.80	-21.096	-22.141	-21.506	-19.116	-15.254	-10.552	-5.875	-2.108	0.084	0.444
2091	20.90	-0.821	-3.121	-5.675	-7.740	-8.788	-8.585	-7.159	-4.703	-1.481	2.225
2101	21.00	6.106	9.789	12.825	14.737	15.143	13.903	11.237	7.724	4.184	1.446
2111	21.10	0.091	0.265	1.621	3.410	4.865	5.179	4.032	1.536	-1.787	-5.166
2121	21.20	-7.795	-9.016	-8.436	-5.956	-1.767	3.800	10.111	16.667	22.047	26.013
2131	21.30	27.661	26.482	22.514	16.202	8.460	0.466	-6.584	-11.748	-14.525	-14.914
2141	21.40	-13.335	-10.461	-7.010	-3.589	-0.614	1.682	3.206	3.946	3.959	3.380
2151	21.50	2.443	1.480	0.866	0.917	1.779	3.350	5.271	7.008	7.989	7.764
2161	21.60	6.126	3.166	-0.767	-5.137	-9.358	-12.900	-15.381	-16.616	-16.638	-15.688
2171	21.70	-16.176	-12.596	-11.449	-11.107	-11.714	-13.130	-14.931	-16.506	-17.206	-16.519
2181	21.80	-14.235	-10.509	-5.840	-0.938	3.467	6.827	8.931	9.946	10.342	10.708
2191	21.90	11.521	12.938	14.683	16.088	16.267	14.401	10.023	3.221	-5.311	-14.414
2201	22.00	-22.730	-29.040	-32.535	-32.967	-30.636	-26.239	-20.669	-14.715	-9.119	-4.329
2211	22.10	-0.612	1.931	3.337	3.779	3.561	3.086	2.775	2.950	3.228	4.965
2221	22.20	6.302	7.300	7.612	7.132	6.044	4.746	3.686	3.176	3.268	3.743
2231	22.30	4.219	4.325	3.848	2.801	1.385	-0.144	-1.597	-2.938	-4.265	-5.710
2241	22.40	-7.319	-8.970	-10.369	-11.135	-10.919	-9.509	-6.877	-3.154	1.421	6.549
2251	22.50	11.875	16.961	21.254	24.114	24.926	23.275	19.134	12.968	5.701	-1.479
2261	22.60	-7.420	-11.303	-12.851	-12.356	-10.531	-8.277	-6.398	-5.426	-5.549	-6.658
2271	22.70	-8.453	-10.546	-12.528	-13.992	-14.542	-13.632	-11.635	-7.949	-3.073	2.389
2281	22.80	7.627	11.818	14.357	15.049	14.190	12.502	10.932	10.376	11.423	14.174
2291	22.90	18.219	22.738	26.720	29.212	29.530	27.400	22.978	16.791	9.618	2.348
2301	23.00	-4.147	-9.117	-12.024	-12.610	-10.953	-7.500	-3.024	1.483	5.001	6.726
2311	23.10	6.284	3.852	0.140	-3.801	-6.860	-8.185	-7.403	-4.689	-0.666	3.813
2321	23.20	7.915	11.024	12.816	13.240	12.420	10.571	7.955	4.886	1.753	-0.993
2331	23.30	-2.915	-3.713	-3.353	-2.125	-0.589	0.598	0.907	0.141	-1.479	-3.382
2341	23.40	-4.848	-5.271	-4.379	-2.336	0.308	2.792	4.376	4.552	3.154	0.375
2351	23.50	-3.332	-7.387	-11.234	-14.439	-16.753	-18.113	-18.616	-18.463	-17.911	-17.217
2361	23.60	-16.592	-16.167	-15.968	-15.909	-15.802	-15.389	-14.396	-12.601	-9.911	-6.421
2371	23.70	-2.442	1.523	6.875	7.046	7.652	6.613	4.192	0.953	-2.375	-5.080
2381	23.80	-6.630	-6.787	-5.620	-3.447	-0.718	2.108	4.651	6.652	7.978	8.604
2391	23.90	8.591	8.077	7.258	6.359	5.584	5.058	4.780	4.623	4.386	3.887
2401	24.00	3.074	2.091	1.275	1.063	1.853	3.855	6.991	10.896	15.005	18.701
2411	24.10	21.470	23.010	23.261	22.361	20.559	18.121	15.281	12.222	9.106	6.108
2421	24.20	3.430	1.284	-0.161	-0.838	-0.829	-0.373	0.177	0.429	0.060	-1.103
2431	24.30	-3.021	-5.445	-7.966	-10.115	-11.481	-11.816	-11.105	-9.572	-7.626	-5.756
2441	24.40	-4.394	-3.819	-4.076	-4.977	-6.160	-7.184	-7.639	-7.242	-5.890	-3.684
2451	24.50	-0.803	2.041	4.670	6.525	7.253	6.688	4.906	2.226	-0.850	-3.757
2461	24.60	-6.018	-7.382	-7.893	-7.852	-7.698	-7.819	-8.383	-9.254	-10.024	-10.155
2471	24.70	-9.183	-6.905	-3.668	0.655	4.809	8.337	10.753	11.824	11.576	10.208
2481	24.80	8.006	5.259	2.243	-0.775	-3.513	-5.687	-7.052	-7.474	-6.995	-5.837
2491	24.90	-4.358	-2.952	-1.938	-1.486	-1.606	-2.201	-3.151	-4.375	-5.858	-7.610

Table 7—12—6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-9.599	-11.687	-13.619	-15.070	-15.733	-15.419	-14.115	-11.983	-9.298	-6.357
2511	25.10	-3.405	-0.592	2.007	4.353	6.390	8.023	9.134	9.620	9.446	8.670
2521	25.20	7.438	5.955	4.636	3.061	1.965	1.222	0.854	0.864	1.134	1.635
2531	25.30	2.228	2.784	3.197	3.409	3.426	3.314	3.168	3.065	3.022	2.974
2541	25.40	2.778	1.206	0.198	-0.488	-2.826	-5.699	-8.855	-11.930	-14.497	-16.137
2551	25.50	-16.528	-15.520	-13.195	-9.875	-6.066	-2.357	0.723	2.828	3.882	4.084
2561	25.60	3.850	3.682	4.040	5.209	7.230	9.884	12.738	15.233	16.795	16.951
2571	25.70	15.437	12.255	7.698	2.307	-3.229	-8.202	-12.026	-14.333	-15.040	-14.308
2581	25.80	-12.478	-9.980	-7.243	-4.642	-2.478	-0.966	-0.225	-0.249	-0.876	-1.771
2591	25.90	-2.473	-2.474	-1.361	1.058	4.664	9.044	13.585	17.637	20.678	22.425
2601	26.00	22.860	22.172	20.653	18.603	16.266	13.830	11.452	9.287	7.486	6.159
2611	26.10	5.322	4.864	4.564	4.156	3.432	2.334	0.984	-0.351	-1.358	-1.801
2621	26.20	-1.617	-0.948	-0.095	0.581	0.772	0.318	-0.261	-1.279	-3.948	-5.450
2631	26.30	-6.508	-6.944	-6.704	-5.878	-4.678	-3.415	-2.428	-2.003	-2.293	-3.257
2641	26.40	-4.651	-6.082	-7.119	-7.411	-6.797	-5.340	-3.296	-1.020	1.155	3.011
2651	26.50	4.484	5.662	6.610	7.495	8.326	9.043	9.521	9.616	9.203	8.187
2661	26.60	6.502	4.099	0.955	-2.894	-7.309	-12.006	-16.559	-20.452	-23.185	-24.383
2671	26.70	-23.893	-21.817	-18.576	-14.324	-9.843	-5.466	-1.533	1.706	4.061	5.396
2681	26.80	5.635	4.803	3.056	0.698	-1.865	-4.206	-5.977	-6.992	-7.253	-6.918
2691	26.90	-6.221	-5.378	-4.531	-3.723	-2.927	-2.097	-1.206	-0.253	0.749	1.807
2701	27.00	2.965	4.286	5.810	7.504	9.236	10.786	11.907	12.413	12.253	11.544
2711	27.10	10.546	9.582	8.939	8.776	9.086	9.706	10.387	10.876	10.997	10.699
2721	27.20	10.055	9.228	8.406	7.727	7.232	6.835	6.344	5.514	4.125	2.071
2731	27.30	-0.585	-3.589	-6.542	-8.992	-10.569	-11.001	-10.372	-8.924	-7.091	-5.355
2741	27.40	-4.134	-3.682	-4.052	-5.119	-6.644	-8.356	-10.017	-11.468	-12.625	-13.465
2751	27.50	-13.993	-14.212	-14.118	-13.688	-12.901	-11.742	-10.225	-8.406	-6.383	-4.318
2761	27.60	-2.397	-0.813	0.280	0.815	0.832	0.479	-0.027	-0.469	-0.691	-0.648
2771	27.70	-0.404	-0.098	0.127	0.188	0.095	-0.053	-0.126	-0.021	0.278	0.696
2781	27.80	1.093	1.329	1.326	1.101	0.764	0.476	0.388	0.605	1.165	2.057
2791	27.90	3.239	4.664	6.269	7.960	9.579	10.907	11.692	11.718	10.878	9.239
2801	28.00	7.051	4.702	2.630	1.215	0.692	1.103	2.308	4.028	5.927	7.675
2811	28.10	9.016	9.800	9.995	9.677	9.003	8.161	7.320	6.576	5.933	5.301
2821	28.20	4.537	3.508	2.166	0.482	-1.359	-3.191	-4.828	-6.125	-7.001	-7.631
2831	28.30	-7.421	-6.989	-6.160	-4.983	-3.545	-1.977	-0.426	0.988	2.219	3.317
2841	28.40	4.398	5.580	6.898	8.266	9.371	9.945	9.666	8.977	7.963	6.748
2851	28.50	0.131	-2.726	-4.918	-6.198	-6.515	-5.999	-4.909	-3.577	-2.344	-1.505
2861	28.60	-1.260	-1.677	-2.677	-4.046	-5.498	-6.757	-7.630	-8.172	-8.489	-8.893
2871	28.70	-9.289	-11.145	-13.310	-16.092	-19.236	-22.391	-25.174	-27.215	-28.193	-27.857
2881	28.80	-26.080	-22.814	-18.328	-13.031	-7.520	-2.455	1.599	4.312	5.687	6.040
2891	28.90	5.902	5.844	6.303	7.469	9.249	11.326	13.275	14.690	15.286	14.962
2901	29.00	13.815	12.119	10.275	8.748	7.971	8.246	9.652	11.986	14.771	17.346
2911	29.10	19.015	19.225	17.708	14.555	10.184	5.239	0.432	-3.600	-6.399	-7.730
2921	29.20	-7.588	-6.165	-3.819	-1.024	1.687	3.800	4.918	4.853	3.684	1.752
2931	29.30	-0.516	-2.241	-3.233	-3.113	-1.864	0.269	2.956	5.689	8.074	9.808
2941	29.40	10.727	10.812	10.186	8.973	7.448	5.778	4.079	2.371	0.600	-1.300
2951	29.50	-3.328	-5.353	-7.096	-8.196	-8.326	-7.321	-5.292	-2.813	0.160	2.450
2961	29.60	3.824	4.109	3.401	1.989	0.219	-1.631	-3.416	-5.120	-6.786	-8.440
2971	29.70	-10.042	-11.492	-12.678	-13.535	-14.086	-14.431	-14.699	-14.981	-15.282	-15.511
2981	29.80	-15.508	-15.107	-14.192	-12.741	-10.835	-8.643	-6.393	-4.326	-2.649	-1.492
2991	29.90	-0.873	-0.682	-0.708	-0.688	-0.396	0.286	1.305	2.460	3.458	4.016

Table 7—12—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.950	3.232	1.977	0.387	-1.314	-2.931	-4.303	-5.275	-5.666	-5.270
3011	30.10	-3.917	-1.555	1.653	5.307	8.824	11.588	13.129	13.282	12.246	10.533
3021	30.20	8.807	7.686	7.569	8.459	10.136	12.056	13.572	14.076	13.106	10.452
3031	30.30	6.211	3.809	-5.038	-10.417	-14.376	-16.131	-15.250	-11.788	-6.294	0.298
3041	30.40	6.890	12.476	16.360	18.270	18.347	17.024	14.862	12.386	9.981	7.885
3051	30.50	6.205	4.981	4.225	3.936	4.073	4.529	5.127	5.636	5.834	5.581
3061	30.60	4.871	3.850	2.777	1.937	1.542	1.661	2.090	2.580	2.745	2.282
3071	30.70	1.080	-0.726	-2.773	-4.586	-5.720	-5.930	-5.247	-3.975	-2.587	-1.569
3081	30.80	-1.255	-1.730	-2.814	-4.144	-5.302	-5.948	-5.904	-5.182	-3.939	-2.423
3091	30.90	-0.898	0.391	1.250	1.541	1.207	0.295	-1.030	-2.488	-3.738	-4.456
3101	31.00	-4.439	-3.682	-2.398	-0.971	0.143	0.536	-0.046	-1.657	-4.153	-7.235
3111	31.10	-10.517	-13.583	-16.034	-17.524	-17.809	-16.787	-14.548	-11.382	-7.752	-4.216
3121	31.20	-1.305	0.581	1.258	0.770	-0.656	-2.683	-4.950	-7.114	-8.877	-9.980
3131	31.30	-10.206	-9.413	-7.574	-4.823	-1.460	2.094	5.399	8.109	10.062	11.299
3141	31.40	12.007	12.412	12.662	12.760	12.575	11.914	10.635	8.745	6.435	4.052
3151	31.50	2.012	0.700	0.382	1.152	2.927	5.469	8.424	11.378	13.912	15.672
3161	31.60	16.433	16.167	14.958	13.155	11.090	9.070	7.269	5.691	4.200	2.602
3171	31.70	0.735	-1.459	-3.220	-4.507	-5.062	-5.455	-5.611	-5.481	-5.005	-4.084
3181	31.80	-18.585	-18.390	-17.454	-15.853	-13.791	-11.557	-9.459	-7.752	-6.596	-6.044
3191	31.90	-6.057	-6.531	-7.302	-8.146	-8.782	-8.900	-8.220	-6.577	-3.999	-0.737
3201	32.00	2.770	5.994	8.451	9.811	9.961	8.988	7.118	4.637	1.845	-0.969
3211	32.10	-3.509	-5.469	-6.569	-6.614	-5.585	-3.681	-1.305	1.037	2.883	3.953
3221	32.20	4.217	3.865	3.192	2.459	1.787	1.166	0.420	-0.448	-1.388	-2.166
3231	32.30	-2.465	-2.059	-0.744	1.210	3.499	5.709	7.501	8.711	9.360	9.590
3241	32.40	9.560	9.374	9.066	8.649	8.184	7.807	7.694	7.960	8.549	9.192
3251	32.50	9.466	8.955	7.442	5.053	2.262	-0.251	-1.847	-2.165	-1.264	0.419
3261	32.60	2.244	3.630	4.260	4.162	3.621	3.003	2.543	2.240	1.872	1.134
3271	32.70	-0.189	-2.085	-4.291	-6.386	-7.947	-8.696	-8.583	-7.763	-6.515	-5.131
3281	32.80	-3.837	-2.774	-2.017	-1.617	-1.619	-2.048	-2.873	-3.983	-5.193	-6.283
3291	32.90	-7.075	-7.486	-7.551	-7.399	-7.188	-7.037	-6.981	-6.961	-6.852	-6.519
3301	33.00	-5.863	-4.863	-3.593	-2.225	-1.011	-0.243	-0.190	-1.014	-2.689	-4.949
3311	33.10	-7.302	-9.124	-9.814	-8.972	-6.532	-2.803	1.602	5.932	9.488	11.786
3321	33.20	12.633	12.107	10.472	8.069	5.233	2.263	-0.576	-3.032	-4.873	-5.909
3331	33.30	-6.043	-5.310	-3.884	-2.039	-0.076	1.746	3.275	4.474	5.407	6.196
3341	33.40	6.981	7.884	8.991	10.329	11.858	13.452	14.905	15.960	16.355	15.897
3351	33.50	14.525	12.336	9.584	6.626	3.853	1.612	0.150	-0.420	-0.138	0.814
3361	33.60	2.123	3.595	4.217	4.250	3.320	1.480	-0.987	-3.637	-5.996	-7.701
3371	33.70	-8.606	-8.807	-8.582	-8.266	-8.124	-8.269	-8.654	-9.130	-9.533	-9.753
3381	33.80	-9.753	-9.538	-9.115	-8.464	-7.551	-6.379	-5.037	-3.709	-2.626	-1.969
3391	33.90	-1.772	-1.881	-1.991	-1.762	-0.977	0.363	2.011	3.577	4.676	5.098
3401	34.00	4.884	4.307	3.751	3.551	3.860	4.607	5.535	6.321	6.681	6.450
3411	34.10	5.598	4.191	2.346	0.214	-2.021	-4.116	-5.759	-6.613	-6.399	-4.999
3421	34.20	-2.530	0.666	4.000	6.977	9.166	10.299	10.482	9.918	8.900	7.665
3431	34.30	6.326	4.866	3.254	1.315	-0.788	-2.932	-4.867	-6.332	-7.134	-7.219
3441	34.40	-6.686	-5.763	-4.740	-3.890	-3.393	-3.294	-3.492	-3.774	-3.885	-3.596
3451	34.50	-2.780	-1.444	0.274	2.140	3.894	5.316	6.271	6.728	6.740	6.411
3461	34.60	5.861	5.199	4.508	3.853	3.275	2.784	2.356	1.908	1.336	0.516
3471	34.70	-0.637	-2.125	-3.842	-5.587	-7.098	-8.127	-8.499	-8.155	-7.167	-5.702
3481	34.80	-3.982	-2.227	-0.612	0.754	1.832	2.646	3.252	3.713	4.065	4.292
3491	34.90	4.319	4.028	3.303	2.076	0.389	-1.600	-3.635	-5.440	-6.798	-7.626

Table 7—12—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-7.990	-8.065	-8.039	-8.022	-7.981	-7.755	-7.132	-5.969	-4.284	-2.299
3511	35.10	-0.388	1.036	1.653	1.337	0.187	-1.525	-3.446	-5.243	-6.672	-7.589
3521	35.20	-7.931	-7.677	-6.831	-5.431	-3.574	-1.432	0.758	2.749	4.341	5.438
3531	35.30	6.052	6.269	6.181	5.823	5.156	4.105	2.640	0.852	-1.014	-2.592
3541	35.40	-3.501	-3.472	-2.458	-0.663	1.498	3.511	4.903	5.941	6.494	6.027
3551	35.50	0.556	-2.404	-5.489	-8.326	-10.565	-11.929	-12.265	-11.585	-10.077	-8.065
3561	35.60	-5.920	-3.947	-2.299	-0.945	0.291	1.623	3.194	5.000	6.881	8.589
3571	35.70	9.882	10.622	10.807	10.551	10.006	9.297	8.471	7.519	6.424	5.217
3581	35.80	4.010	2.965	2.237	1.900	1.909	2.112	2.313	2.359	2.193	1.868
3591	35.90	1.502	1.207	1.026	0.908	0.739	0.403	-0.154	-0.889	-1.680	-2.370
3601	36.00	-2.835	-3.025	-2.972	-2.759	-2.477	-2.180	-1.874	-1.524	-1.076	-0.483
3611	36.10	0.279	1.214	2.310	3.541	4.867	6.216	7.488	8.555	9.289	9.589
3621	36.20	9.414	8.792	7.815	6.619	5.356	4.153	3.110	2.267	1.600	1.023
3631	36.30	0.339	-0.432	-1.604	-3.181	-5.107	-7.205	-9.204	-10.810	-11.781	-11.995
3641	36.40	-11.465	-10.509	-8.687	-6.231	-4.506	-2.024	0.706	3.619	6.547	9.225
3651	36.50	11.349	12.655	12.998	12.396	11.015	9.123	7.017	4.964	3.168	1.763
3661	36.60	0.819	0.347	0.304	0.578	0.998	1.352	1.434	1.096	0.295	-0.890
3671	36.70	-2.282	-3.655	-4.805	-5.597	-5.993	-6.035	-5.814	-5.422	-4.918	-4.320
3681	36.80	-3.607	-2.746	-1.710	-0.502	0.840	2.245	3.618	4.843	5.799	6.365
3691	36.90	6.433	5.922	4.796	3.083	0.893	-1.584	-4.088	-6.333	-8.052	-9.068
3701	37.00	-9.329	-8.932	-8.092	-7.082	-6.150	-5.451	-5.014	-4.753	-4.525	-4.196
3711	37.10	-3.699	-3.050	-2.328	-1.629	-1.018	-0.519	-0.124	0.162	0.294	0.181
3721	37.20	-0.269	-1.094	-2.209	-3.393	-4.326	-4.680	-4.226	-2.921	-0.934	1.403
3731	37.30	3.688	5.570	6.830	7.623	7.843	7.068	6.479	5.807	5.115	4.405
3741	37.40	3.652	2.833	1.948	1.027	0.124	-0.695	-1.356	-1.800	-1.985	-1.914
3751	37.50	-1.638	-1.273	-0.978	-0.940	-1.319	-2.205	-3.581	-5.296	-7.088	-8.621
3761	37.60	-9.558	-9.635	-8.735	-6.920	-4.434	-1.655	0.983	3.081	4.365	4.725
3771	37.70	4.229	3.079	1.551	-0.079	-1.590	-2.834	-3.768	-4.326	-4.600	-4.623
3781	37.80	-4.458	-4.188	-3.811	-3.428	-3.039	-2.637	-2.206	-1.745	-1.287	-0.916
3791	37.90	-0.751	-0.916	-1.492	-2.475	-3.764	-5.177	-6.494	-7.516	-8.115	-8.252
3801	38.00	-7.978	-7.395	-6.618	-5.736	-4.792	-3.781	-2.661	-1.382	0.097	1.781
3811	38.10	3.631	5.556	7.431	9.118	10.494	11.485	12.089	12.380	12.493	12.596
3821	38.20	12.851	13.370	14.198	15.287	16.508	17.660	18.504	18.812	18.414	17.252
3831	38.30	15.407	13.097	10.630	8.326	6.425	5.039	4.129	3.553	3.156	2.846
3841	38.40	2.645	2.658	2.999	3.688	4.584	5.390	5.742	5.351	4.131	2.260
3851	38.50	0.140	-1.241	-2.983	-3.421	-3.175	-2.598	-2.131	-2.140	-2.795	-4.029
3861	38.60	-5.597	-7.178	-8.491	-9.366	-9.754	-9.698	-9.286	-8.614	-7.784	-6.921
3871	38.70	-6.180	-5.738	-5.753	-6.313	-7.392	-8.852	-10.482	-12.070	-13.465	-14.618
3881	38.80	-15.561	-16.356	-17.027	-17.521	-17.706	-17.420	-16.543	-15.057	-13.065	-10.769
3891	38.90	-8.406	-6.185	-4.235	-2.604	-1.287	-0.263	0.469	0.899	1.023	0.886
3901	39.00	0.598	0.324	0.239	0.457	0.994	1.744	2.529	3.157	3.506	3.564
3911	39.10	3.431	3.266	3.216	3.360	3.685	4.116	4.575	5.038	5.564	6.270
3921	39.20	7.276	8.620	10.218	11.858	13.256	14.144	14.354	13.865	12.797	11.360
3931	39.30	9.783	8.256	6.905	5.802	4.995	4.533	4.466	4.813	5.531	6.487
3941	39.40	7.467	8.225	8.549	8.331	7.591	6.476	5.203	4.000	3.047	2.448
3951	39.50	2.228	2.348	2.729	3.256	3.786	4.151	4.184	3.756	2.815	1.422
3961	39.60	-0.265	-2.035	-3.703	-5.184	-6.519	-7.850	-9.332	-11.035	-12.867	-14.565
3971	39.70	-15.776	-16.183	-15.665	-14.283	-12.462	-10.694	-9.462	-9.070	-9.537	-10.607
3981	39.80	-11.861	-12.788	-13.031	-12.479	-11.184	-9.381	-7.388	-5.508	-3.980	-2.954
3991	39.90	-2.494	-2.596	-3.189	-4.134	-5.226	-6.209	-6.812	-6.807	-6.061	-4.572

Table 7—12—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.462	0.054	2.728	5.332	7.692	9.693	11.259	12.331	12.858	12.806
4011	40.10	12.192	11.115	9.774	8.443	7.417	6.933	7.083	7.778	8.765	9.596
4021	40.20	9.942	9.506	8.224	6.275	4.041	1.999	0.590	0.091	0.549	1.783
4031	40.30	3.456	5.184	6.637	7.606	8.010	7.873	7.271	6.306	5.100	3.808
4041	40.40	2.633	1.798	1.493	1.792	2.589	3.590	4.383	4.578	3.952	2.558
4051	40.50	0.733	-1.009	-2.150	-2.359	-1.608	-0.182	1.430	2.711	3.280	3.001
4061	40.60	1.982	0.491	-1.162	-2.726	-4.062	-5.121	-5.895	-6.368	-6.498	-6.240
4071	40.70	-5.588	-4.616	-3.481	-2.395	-1.561	-1.124	-1.134	-1.548	-2.259	-3.130
4081	40.80	-4.019	-4.793	-5.330	-5.528	-5.519	-4.702	-3.678	-2.696	-1.725	-1.087
4091	40.90	-0.939	-1.303	-2.060	-2.978	-3.794	-4.290	-4.353	-3.995	-3.330	-2.518
4101	41.00	-1.714	-1.029	-0.524	-0.225	-0.140	-0.277	-0.632	-1.180	-1.854	-2.548
4111	41.10	-3.143	-3.543	-3.718	-3.728	-3.702	-3.798	-4.128	-4.714	-5.457	-6.171
4121	41.20	-6.652	-6.751	-6.439	-5.812	-5.069	-4.326	-3.733	-3.219	-2.607	-1.663
4131	41.30	-0.202	1.818	4.250	6.781	9.011	10.571	11.225	10.926	9.819	8.185
4141	41.40	6.359	4.654	3.297	2.403	1.964	1.874	1.959	2.019	1.880	1.443
4151	41.50	0.717	-0.180	-1.054	-1.704	-1.999	-1.931	-1.528	-1.309	-1.201	-1.450
4161	41.60	-2.064	-2.917	-3.799	-4.501	-4.889	-4.940	-4.717	-4.319	-3.821	-3.237
4171	41.70	-2.529	-1.669	-0.592	0.574	1.708	2.637	3.207	3.333	3.010	2.305
4181	41.80	1.325	0.183	-1.021	-2.199	-3.275	-4.178	-4.869	-5.256	-5.401	-5.323
4191	41.90	-5.076	-4.706	-4.230	-3.636	-2.897	-2.002	-0.988	0.059	1.014	1.746
4201	42.00	2.157	2.201	1.890	1.286	0.490	-0.364	-1.112	-1.561	-1.511	-0.796
4211	42.10	0.658	2.785	5.361	8.036	10.411	12.137	13.008	13.004	12.277	11.092
4221	42.20	9.743	8.482	7.477	6.807	6.482	6.458	6.652	6.942	7.173	7.183
4231	42.30	6.841	6.093	5.003	3.740	2.537	1.613	1.096	0.982	1.148	1.405
4241	42.40	1.581	1.585	1.429	1.203	1.024	0.978	1.095	1.356	1.714	2.147
4251	42.50	2.645	3.207	3.802	4.343	4.691	4.696	4.256	3.371	2.161	0.829
4261	42.60	-0.608	-1.395	-2.092	-2.574	-2.978	-3.436	-4.005	-4.666	-5.268	-5.684
4271	42.70	-5.882	-5.856	-5.712	-5.603	-5.574	-6.016	-6.843	-7.501	-8.500	-9.544
4281	42.80	-10.548	-11.437	-12.138	-12.566	-12.626	-12.235	-11.344	-9.968	-8.192	-6.168
4291	42.90	-4.091	-2.162	-0.550	0.633	1.354	1.666	1.691	1.599	1.561	1.705
4301	43.00	2.076	2.620	3.198	3.633	3.780	3.589	3.140	2.629	2.316	2.435
4311	43.10	3.115	4.323	5.868	7.451	8.747	9.500	9.586	9.037	8.025	6.805
4321	43.20	5.647	4.777	4.325	4.316	4.659	5.195	5.713	6.005	5.905	5.313
4331	43.30	4.213	0.796	-1.239	-3.267	-5.123	-6.663	-7.773	-8.387	-8.505	
4341	43.40	-8.209	-7.667	-7.113	-6.799	-6.928	-7.591	-8.727	-10.133	-11.516	-12.577
4351	43.50	-13.104	-13.023	-12.407	-11.431	-10.298	-9.164	-8.100	-7.097	-6.102	-5.076
4361	43.60	-4.027	-3.013	-2.107	-1.348	-0.701	-0.061	0.717	1.747	3.047	4.513
4371	43.70	5.927	7.023	7.570	7.444	6.662	5.373	3.804	2.193	0.733	-0.454
4381	43.80	-1.314	-1.833	-2.016	-1.876	-1.447	-0.801	-0.065	0.591	0.984	0.970
4391	43.90	0.489	-0.410	-1.576	-2.803	-3.877	-4.631	-4.966	-4.850	-4.302	-3.366
4401	44.00	-2.098	-0.576	1.095	2.770	4.280	5.468	6.236	6.589	6.644	6.602
4411	44.10	6.681	7.041	7.722	8.625	9.547	10.248	10.541	10.351	9.734	8.863
4421	44.20	7.883	7.023	6.355	5.883	5.547	5.268	4.991	4.708	4.450	4.263
4431	44.30	4.172	4.157	4.155	4.079	3.855	3.448	2.883	2.233	1.592	1.063
4441	44.40	0.623	0.317	0.069	-0.191	-0.508	-0.876	-1.234	-1.487	-1.541	-1.355
4451	44.50	-0.969	-0.507	-0.149	-0.078	-0.414	-1.176	-2.269	-3.509	-4.682	-5.604
4461	44.60	-6.173	-6.381	-6.295	-6.019	-5.651	-5.250	-4.840	-4.419	-3.995	-3.592
4471	44.70	-3.257	-3.043	-2.984	-3.083	-3.315	-3.634	-4.003	-4.395	-4.802	-5.213
4481	44.80	-5.608	-5.949	-6.198	-6.341	-6.403	-6.450	-6.557	-6.759	-7.014	-7.185
4491	44.90	-7.079	-6.516	-5.417	-3.859	-2.078	-0.398	0.870	1.537	1.593	1.196

Table 7—12—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1159 712-GR-1-8 HA. (HA.) EDOGAWA EMB. MAX. ACC. = 32.973 (GAL) T= 18.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.587	-0.017	-0.504	-0.899	-1.312	-1.851	-2.529	-3.234	-3.758	-3.891
4511	45.10	-3.526	-2.722	-1.692	-0.723	-0.052	0.234	0.240	0.218	0.469	1.226
4521	45.20	2.577	4.468	6.655	8.980	11.242	13.322	15.149	16.659	17.766	18.371
4531	45.30	18.400	17.855	16.890	15.706	14.576	13.703	13.165	12.877	12.640	12.234
4541	45.40	11.518	10.468	9.266	8.052	6.999	6.146	5.390	4.528	3.548	1.729
4551	45.50	-0.295	-2.535	-4.701	-6.492	-7.682	-8.166	-7.969	-7.211	-6.066	-4.723
4561	45.60	-3.381	-2.235	-1.474	-1.259	-1.689	-2.751	-4.307	-6.099	-7.806	-9.122
4571	45.70	-9.834	-9.879	-9.347	-8.442	-7.413	-6.483	-5.792	-5.385	-5.217	-5.191
4581	45.80	-5.187	-5.100	-4.848	-4.393	-3.740	-2.944	-2.100	-1.333	-0.767	-0.492
4591	45.90	-0.535	-0.854	-1.348	-1.895	-2.395	-2.796	-3.110	-3.385	-3.683	-4.041
4601	46.00	-4.459	-4.904	-5.335	-5.725	-6.069	-6.379	-6.659	-6.884	-6.991	-6.897
4611	46.10	-6.529	-5.864	-4.943	-3.865	-2.763	-1.757	-0.933	-0.327	0.056	0.210
4621	46.20	0.123	-0.238	-0.905	-1.875	-3.084	-4.399	-5.629	-6.566	-7.010	-6.825
4631	46.30	-5.938	-4.361	-2.190	0.389	3.111	5.655	7.691	8.953	9.316	8.845
4641	46.40	7.806	6.600	5.663	5.330	5.735	6.776	8.155	9.481	10.399	10.693
4651	46.50	10.328	9.433	8.228	6.942	5.752	4.760	4.006	3.495	3.220	3.167
4661	46.60	3.297	3.536	3.771	3.867	3.709	3.232	2.444	1.418	0.263	-0.910
4671	46.70	-2.004	-2.938	-3.629	-3.976	-3.865	-3.195	-1.932	-0.161	1.892	3.882
4681	46.80	5.417	6.511	5.882	4.604	2.507	-0.073	-2.743	-5.143	-7.009	-8.205
4691	46.90	-8.710	-8.584	-7.927	-6.850	-5.458	-3.851	-2.135	-0.429	1.126	2.381
4701	47.00	3.188	3.431	3.054	2.039	0.670	-0.976	-2.564	-3.812	-4.508	-4.566
4711	47.10	-4.054	-3.171	-2.188	-1.365	-0.872	-0.744	-0.892	-1.149	-1.346	-1.385
4721	47.20	-1.272	-1.109	-1.049	-1.232	-1.732	-2.533	-3.544	-4.629	-5.656	-6.520
4731	47.30	-7.157	-7.535	-7.645	-7.496	-7.126	-6.620	-6.108	-5.758	-5.726	-6.098
4741	47.40	-6.838	-7.765	-8.586	-8.971	-8.663	-7.566	-5.796	-3.644	-1.502	0.281
4751	47.50	1.508	2.197	2.562	2.923	3.571	4.659	6.137	7.778	9.269	10.335
4761	47.60	10.840	10.829	10.500	10.111	9.881	9.913	10.077	10.539	10.837	10.940
4771	47.70	10.788	10.382	9.764	8.977	8.066	7.086	6.124	5.309	4.782	4.643
4781	47.80	4.889	5.388	5.899	6.157	5.969	5.302	4.300	3.229	2.366	1.887
4791	47.90	1.803	1.975	2.199	2.319	2.302	2.251	2.338	2.700	3.343	4.117
4801	48.00	4.764	5.022	4.730	3.897	2.683	1.336	0.094	-0.889	-1.558	-1.960
4811	48.10	-2.082	-2.024	-1.785	-1.392	-0.911	-0.462	-0.191	-0.227	-0.624	-1.338
4821	48.20	-2.237	-3.154	-3.938	-4.492	-4.783	-4.815	-4.577	-4.176	-3.552	-2.793
4831	48.30	-1.995	-1.281	-0.755	-0.462	-0.365	-0.371	-0.388	-0.389	-0.447	-0.712
4841	48.40	-1.329	-2.356	-3.700	-5.139	-6.401	-7.284	-7.739	-7.888	-7.941	-8.081
4851	48.50	-8.350	-8.617	-8.641	-8.191	-7.180	-5.728	-4.121	-2.697	-1.703	-1.203
4861	48.60	-1.076	-1.102	-1.077	-0.915	-0.662	-0.440	-0.352	-0.413	-0.534	-0.583
4871	48.70	-0.471	-0.207	0.099	0.312	0.360	0.298	0.303	0.583	1.259	2.283
4881	48.80	3.422	4.347	4.765	4.543	3.766	2.691	1.641	0.875	0.504	0.487
4891	48.90	0.684	0.950	1.197	1.407	1.599	1.777	1.903	1.902	1.711	1.330
4901	49.00	0.839	0.372	0.055	-0.066	-0.051	-0.056	-0.257	-0.773	-1.603	-2.624
4911	49.10	-3.630	-4.410	-4.815	-4.801	-4.624	-3.805	-3.087	-2.396	-1.823	-1.422
4921	49.20	-1.213	-1.190	-1.326	-1.584	-1.923	-2.312	-2.737	-3.188	-3.668	-4.072
4931	49.30	-4.387	-4.518	-4.626	-4.648	-3.815	-3.612	-3.708	-4.163	-4.870	-5.562
4941	49.40	-5.894	-5.571	-4.478	-2.741						

Table 7—13—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	-1.313	-1.472	-1.052	-0.050	1.394	3.038	4.594	5.794	6.436
11	0.10	6.431	5.825	4.803	3.646	2.659	2.055	1.865	1.889	1.755	1.057
21	0.20	-0.450	-2.697	-5.266	-7.505	-8.775	-8.715	-7.419	-5.420	-3.483	-2.275
31	0.30	-2.069	-2.613	-3.239	-3.166	-1.872	0.645	3.829	6.781	8.614	8.812
41	0.40	7.410	4.938	2.171	-0.198	-1.803	-2.669	-3.094	-3.624	-3.864	-4.394
51	0.50	-6.837	-5.006	-4.842	-4.461	-4.086	-3.918	-4.051	-4.289	-4.514	-4.508
61	0.60	-4.192	-3.613	-2.862	-1.970	-0.815	0.715	2.841	5.480	8.282	10.656
71	0.70	11.967	11.790	10.106	7.337	4.194	1.395	-0.607	-1.763	-2.377	-2.888
81	0.80	-3.614	-4.581	-5.524	-6.050	-5.876	-4.999	-3.713	-2.454	-1.566	-1.101
91	0.90	-0.788	-0.168	1.134	3.166	5.548	7.581	8.525	7.927	5.831	2.790
101	1.00	-0.351	-2.788	-4.067	-4.228	-3.718	-3.137	-2.924	-3.152	-3.508	-3.483
111	1.10	-2.663	-0.995	1.122	2.963	3.769	3.094	1.028	-1.789	-4.395	-5.876
121	1.20	-5.732	-4.072	-1.585	0.851	2.363	2.619	1.862	0.792	0.231	0.719
131	1.30	2.247	4.224	5.716	5.853	4.224	1.088	-2.690	-5.986	-7.751	-7.592
141	1.40	-5.718	-2.918	-0.199	1.615	2.173	1.662	0.640	-0.276	-0.697	-0.615
151	1.50	-0.347	-0.315	-0.792	-1.726	-2.755	-3.361	-3.154	-2.055	-0.370	1.334
161	1.60	2.482	2.742	2.184	1.235	0.474	0.358	0.985	2.037	2.905	2.971
171	1.70	1.899	-0.172	-2.650	-4.695	-5.549	-4.834	-2.709	0.199	3.039	5.054
181	1.80	5.861	5.452	4.289	2.880	1.631	0.678	-0.095	-0.909	-1.882	-2.899
191	1.90	-3.617	-3.517	-2.631	-0.722	1.677	3.906	5.331	5.612	4.846	3.523
201	2.00	2.309	1.750	2.030	2.891	3.750	3.953	3.060	1.031	-1.748	-4.616
211	2.10	-6.880	-8.050	-7.987	-6.899	-5.231	-3.483	-2.042	-1.076	-0.526	-0.155
221	2.20	0.335	1.196	2.532	4.249	6.072	7.610	8.482	8.453	7.531	5.993
231	2.30	4.301	2.962	2.231	2.175	2.457	2.555	1.971	0.456	-1.866	-4.420
241	2.40	-6.565	-7.662	-7.422	-6.009	-3.575	-2.052	-0.869	-0.721	-1.481	-2.663
251	2.50	-3.626	-3.852	-2.943	-1.108	1.227	3.690	5.287	5.833	5.223	3.500
261	2.60	1.122	-1.372	-3.484	-4.904	-5.583	-5.706	-5.580	-5.457	-5.389	-5.192
271	2.70	-4.531	-3.118	-0.924	1.706	4.127	5.628	5.763	4.607	2.797	1.318
281	2.80	1.089	2.535	5.361	8.526	10.819	11.196	9.327	5.730	1.567	-1.858
291	2.90	-3.645	-3.646	-2.475	-1.162	-0.642	-1.322	-2.924	-4.668	-5.697	-5.506
301	3.00	-4.185	-2.345	-0.791	-0.116	-0.423	-1.305	-2.090	-2.201	-1.652	-0.119
311	3.10	1.229	2.045	2.101	1.587	1.000	0.850	1.366	2.349	3.244	3.399
321	3.20	2.329	0.235	-2.575	-5.271	-7.104	-7.623	-6.816	-5.061	-2.941	-1.003
331	3.30	0.424	1.285	1.746	2.052	2.401	2.857	3.343	3.697	3.747	3.387
341	3.40	2.618	1.559	0.423	-0.524	-1.027	-0.909	-0.121	1.218	2.830	4.324
351	3.50	5.280	5.339	4.296	2.158	-0.835	-4.237	-7.464	-9.909	-11.073	-10.699
361	3.60	-8.870	-6.010	-2.792	0.051	1.958	2.718	2.529	1.893	1.381	1.371
371	3.70	1.874	2.528	2.789	2.206	0.681	-1.450	-3.538	-4.901	-5.131	-4.275
381	3.80	-2.799	-1.362	-0.507	-0.436	-0.963	-1.676	-2.186	-2.335	-2.240	-2.148
391	3.90	-2.212	-2.312	-2.064	-1.015	1.056	3.913	6.857	8.972	9.522	8.310
401	4.00	5.806	2.971	0.834	0.049	0.616	1.925	3.095	3.410	2.665	1.219
411	4.10	-0.237	-1.083	-1.109	-0.624	-0.269	-0.652	-1.985	-3.946	-5.804	-6.782
421	4.20	-6.433	-4.863	-2.673	-0.673	0.489	0.595	-0.114	-1.120	-1.928	-2.294
431	4.30	-2.284	-2.136	-2.035	-1.947	-1.608	-0.693	0.943	3.098	5.239	6.706
441	4.40	7.009	6.093	4.363	2.522	1.241	0.853	1.208	1.779	1.948	1.360
451	4.50	0.026	-1.493	-2.538	-2.596	-1.586	0.059	1.568	2.186	1.510	-0.309
461	4.60	-2.612	-4.497	-5.192	-4.374	-2.292	0.338	2.627	3.863	3.772	2.587
471	4.70	0.916	-0.535	-1.266	-1.167	-0.536	0.085	0.179	-0.499	-1.795	-3.202
481	4.80	-4.074	-3.898	-2.528	-0.264	2.244	4.239	5.144	4.773	3.390	1.596
491	4.90	0.087	-0.601	-0.271	0.893	2.433	3.800	4.547	4.458	3.578	2.166

Table 7—13—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.597	-0.748	-1.557	-1.656	-1.045	0.084	1.360	2.303	2.446	1.484
511	5.10	-0.585	-3.404	-6.326	-8.596	-9.596	-9.061	-7.162	-4.441	-1.595	0.779
521	5.20	2.380	3.258	3.701	4.033	4.409	4.720	4.647	3.842	2.145	-0.279
531	5.30	-2.940	-5.181	-6.199	-6.375	-5.170	-3.278	-1.321	0.174	0.976	1.210
541	5.40	1.273	1.627	2.573	4.100	5.868	7.333	7.967	7.482	5.955	3.818
551	5.50	1.699	0.183	-0.411	-0.141	0.594	1.241	1.339	0.725	-0.398	-1.551
561	5.60	-2.196	-1.978	-0.883	0.759	2.429	3.646	4.163	4.033	3.521	2.911
571	5.70	2.326	1.665	0.596	-1.052	-3.272	-5.686	-7.653	-8.519	-7.920	-5.991
581	5.80	-3.366	-0.957	0.404	0.285	-1.178	-3.375	-5.495	-6.869	-7.217	-6.698
591	5.90	-5.749	-4.823	-4.150	-3.647	-3.002	-1.884	-0.158	2.006	4.179	5.844
601	6.00	6.615	6.381	5.334	3.865	2.404	1.270	0.597	0.359	0.442	0.730
611	6.10	1.152	1.676	2.274	2.880	3.390	3.674	3.629	3.209	2.449	1.453
621	6.20	0.375	-0.607	-1.326	-1.651	-1.524	-0.990	-0.200	0.622	1.248	1.540
631	6.30	1.520	1.372	1.369	1.729	2.483	3.406	4.072	4.017	2.955	0.940
641	6.40	-1.606	-4.033	-5.705	-6.270	-5.798	-4.758	-3.809	-3.510	-4.069	-5.250
651	6.50	-6.468	-7.039	-6.671	-4.680	-2.028	0.816	3.122	4.376	4.442	3.582
661	6.60	2.322	1.226	0.674	0.737	1.167	1.529	1.022	0.549	-0.865	-2.487
671	6.70	-3.722	-4.466	-3.197	-1.510	0.119	3.394	4.865	5.169	4.350	2.820
681	6.80	1.168	-0.085	-0.700	-0.779	-0.673	-0.768	-1.263	-2.060	-2.803	-3.068
691	6.90	-2.587	-1.413	0.086	1.379	2.021	1.858	1.096	0.202	-0.330	-0.209
701	7.00	0.522	1.521	2.325	2.584	2.226	1.477	0.741	0.401	0.638	1.368
711	7.10	2.300	3.085	3.462	3.342	2.789	1.933	0.881	-0.312	-1.610	-2.922
721	7.20	-4.069	-4.709	-4.660	-3.743	-2.169	-0.319	1.294	2.228	2.295	1.616
731	7.30	0.553	-0.473	-1.177	-1.525	-1.716	-2.045	-2.115	-2.707	-4.242	-5.501
741	7.40	-5.593	-4.921	-3.634	-2.085	-0.680	0.278	0.686	0.641	0.358	0.060
751	7.50	-0.095	-0.037	0.237	0.700	1.303	1.951	2.483	2.682	2.349	1.415
761	7.60	0.043	-1.354	-2.214	-2.024	-0.548	2.035	5.143	7.974	9.783	10.145
771	7.70	9.076	6.978	4.428	1.933	-0.238	-2.081	-3.728	-5.262	-6.585	-7.417
781	7.80	-7.425	-6.428	-4.542	-2.201	-0.013	1.466	1.956	1.549	0.645	-0.242
791	7.90	-0.707	-0.607	-0.085	0.550	0.983	1.065	0.763	0.318	-0.069	-0.238
801	8.00	-0.167	0.142	0.514	0.864	1.128	1.279	1.314	1.238	1.072	0.869
811	8.10	0.616	0.393	0.136	-0.284	-1.051	-2.310	-4.054	-6.039	-7.799	-8.774
821	8.20	-8.509	-6.856	-4.071	-0.755	2.341	4.577	5.625	5.541	4.677	3.493
831	8.30	2.367	1.490	0.887	0.520	0.401	0.629	1.334	2.555	4.138	5.730
841	8.40	6.886	7.253	6.738	5.556	4.140	2.934	2.181	1.798	1.420	0.578
851	8.50	-1.056	-3.688	-6.354	-9.036	-10.874	-11.395	-10.452	-8.238	-5.196	-1.872
861	8.60	1.225	3.700	5.310	5.952	5.661	4.597	3.025	1.276	-0.329	-1.559
871	8.70	-2.335	-2.736	-2.953	-3.110	-3.327	-3.525	-3.650	-3.551	-2.878	-0.943
881	8.80	0.677	2.526	3.748	4.768	5.300	5.338	4.923	4.119	3.020	1.766
891	8.90	0.548	-0.423	-0.977	-1.058	-0.758	-0.286	0.107	0.239	0.068	-0.308
901	9.00	-0.713	-0.999	-1.124	-1.156	-1.213	-1.354	-1.507	-1.471	-1.005	0.038
911	9.10	1.594	3.370	4.920	5.807	5.755	4.738	2.955	0.733	-1.596	-3.763
921	9.20	-5.554	-6.758	-7.116	-6.359	-4.325	-1.121	2.767	6.516	9.185	10.045
931	9.30	8.895	6.196	2.948	0.320	-0.822	-0.291	1.325	2.884	3.177	1.444
941	9.40	-2.268	-7.093	-11.666	-14.641	-15.195	-13.299	-9.657	-5.362	-1.442	1.516
951	9.50	3.494	4.906	6.270	7.903	9.722	11.291	12.047	11.591	9.895	7.331
961	9.60	4.523	2.087	0.401	-0.510	-0.917	-1.215	-1.706	-2.473	-3.360	-4.085
971	9.70	-4.405	-4.259	-3.805	-3.351	-3.205	-3.518	-4.191	-4.898	-5.204	-4.750
981	9.80	-3.409	-1.367	0.924	2.893	4.055	4.188	3.408	2.120	0.847	0.012
991	9.90	-0.228	-0.038	0.194	0.060	-0.647	-1.801	-2.977	-3.638	-3.397	-2.227

Table 7—13—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.514	1.101	2.010	1.934	1.071	0.909	-0.563	-0.220	0.952	2.355
1011	10.10	3.146	2.658	0.766	-1.992	-4.619	-6.099	-5.880	-4.147	-1.757	0.169
1021	10.20	0.774	-0.417	-1.917	-3.571	-4.093	-3.068	-0.867	1.525	3.003	2.900
1031	10.30	1.331	-0.852	-2.486	-2.670	-1.223	1.225	3.561	4.647	4.056	2.056
1041	10.40	-0.363	-2.094	-2.410	-1.312	0.509	2.649	2.507	1.677	0.024	-1.593
1051	10.50	-2.374	-1.991	-0.729	0.687	1.489	1.271	0.181	-1.170	-2.043	-1.966
1061	10.60	-0.875	0.717	2.177	2.990	3.025	2.560	2.094	2.062	2.606	3.521
1071	10.70	4.386	4.788	4.510	3.588	2.209	0.558	-1.302	-3.413	-5.796	-8.287
1081	10.80	-10.470	-11.762	-11.653	-9.971	-7.032	-3.582	-0.535	1.383	1.915	1.363
1091	10.90	0.321	-0.446	-0.507	0.177	1.299	2.421	3.224	3.641	3.814	3.930
1101	11.00	4.035	3.974	3.483	2.405	0.877	-0.624	-1.448	-1.075	0.587	3.086
1111	11.10	5.555	7.071	7.060	5.554	3.181	0.871	-0.568	-0.812	-0.132	0.782
1121	11.20	1.198	0.724	-0.497	-1.877	-2.692	-2.469	-1.260	0.459	1.841	2.248
1131	11.30	1.461	-0.196	-2.010	-3.234	-3.418	-2.621	-1.373	-0.422	-0.387	-1.477
1141	11.40	-3.392	-5.443	-6.832	-6.969	-5.706	-3.383	-0.709	1.502	2.606	2.338
1151	11.50	0.880	-1.228	-3.279	-4.660	-5.029	-4.406	-3.121	-1.652	-0.420	0.372
1161	11.60	0.788	1.881	1.522	2.219	3.019	3.549	3.386	2.289	0.365	-1.897
1171	11.70	-3.777	-4.603	-4.031	-2.207	0.264	2.556	3.243	4.092	3.190	1.841
1181	11.80	0.802	0.656	1.564	3.210	4.936	6.024	5.988	4.766	2.734	0.559
1191	11.90	-1.059	-1.632	-1.038	0.463	2.354	4.064	5.158	5.466	5.086	4.292
1201	12.00	3.368	2.469	1.540	0.358	-1.331	-3.624	-6.314	-8.863	-10.528	-10.609
1211	12.10	-8.741	-5.098	-0.420	4.187	7.606	9.095	8.554	6.549	4.084	2.197
1221	12.20	1.561	2.242	3.218	5.150	5.767	5.209	3.670	1.777	0.282	-0.294
1231	12.30	0.099	1.031	1.798	1.761	0.535	-1.384	-3.791	-5.656	-6.696	-6.704
1241	12.40	-5.949	-4.920	-4.076	-3.614	-3.409	-3.102	-2.330	-0.938	0.909	2.775
1251	12.50	4.154	4.702	4.407	3.601	2.811	2.519	2.940	3.916	4.982	5.563
1261	12.60	5.218	3.825	1.626	-0.872	-3.098	-4.624	-5.292	-5.220	-4.699	-4.035
1271	12.70	-3.413	-2.844	-2.201	-1.331	-0.174	1.158	2.381	3.115	3.018	1.909
1281	12.80	-0.138	-2.785	-5.498	-7.680	-8.830	-8.682	-7.285	-4.991	-2.359	0.004
1291	12.90	1.620	2.261	1.993	1.121	0.058	-0.826	-1.321	-1.409	-1.224	-0.956
1301	13.00	-0.754	-0.673	-0.678	-0.700	-0.695	-0.665	-0.650	-0.669	-0.679	-0.571
1311	13.10	-0.221	0.434	1.329	2.263	2.963	3.199	2.890	2.150	1.242	0.454
1321	13.20	-0.031	-0.224	-0.318	-0.580	-1.203	-2.193	-3.335	-4.273	-4.651	-4.250
1331	13.30	-3.070	-1.312	0.702	2.641	4.237	5.312	5.757	5.513	4.579	3.059
1341	13.40	1.202	-0.593	-1.858	-2.198	-1.450	0.218	2.343	4.315	5.600	5.931
1351	13.50	5.373	4.246	2.933	1.680	0.498	-0.791	-2.385	-4.305	-6.284	-7.824
1361	13.60	-8.394	-7.691	-5.818	-3.295	-0.868	0.781	1.309	0.824	-0.204	-1.196
1371	13.70	-1.749	-1.817	-1.695	-1.828	-2.538	-3.814	-5.263	-6.260	-6.213	-4.824
1381	13.80	-2.239	1.015	4.205	6.661	7.975	8.091	7.243	5.818	4.206	2.700
1391	13.90	1.476	0.624	0.193	0.209	0.656	1.443	2.386	3.228	3.704	3.616
1401	14.00	2.901	1.650	0.090	-1.477	-2.744	-3.465	-3.504	-2.865	-1.695	-0.258
1411	14.10	1.116	2.114	2.526	2.305	1.577	0.582	-0.428	-1.285	-1.955	-2.511
1421	14.20	-3.038	-3.524	-3.803	-3.619	-2.708	-1.011	1.245	3.565	5.336	6.056
1431	14.30	5.566	4.021	2.010	0.136	-1.133	-1.643	-1.566	-1.252	-1.034	-1.055
1441	14.40	-1.239	-1.378	-1.291	-0.956	-0.521	-0.214	-0.187	-0.404	-0.649	-0.652
1451	14.50	-0.264	0.426	1.109	1.419	1.164	0.482	-0.163	-0.187	0.813	2.795
1461	14.60	5.200	7.136	7.733	6.534	3.720	0.075	-3.316	-5.488	-5.958	-4.862
1471	14.70	-2.836	-0.706	0.866	1.584	1.558	1.118	0.595	0.148	-0.264	-0.780
1481	14.80	-1.488	-2.324	-3.082	-3.534	-3.570	-3.277	-2.904	-2.718	-2.848	-3.194
1491	14.90	-3.475	-3.388	-2.791	-1.816	-0.838	-0.294	-0.466	-1.305	-2.423	-3.247

Table 7—13—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.264	-2.259	-0.407	1.799	3.762	5.031	5.460	5.224	4.698	4.243
1511	15.10	4.057	4.107	4.192	4.081	3.665	2.918	2.071	1.314	0.790	0.522
1521	15.20	0.426	0.369	0.243	0.008	-0.320	-0.703	-1.118	-1.565	-2.046	-2.530
1531	15.30	-2.940	-3.174	-3.162	-2.910	-2.520	-2.153	-1.951	-1.967	-2.134	-2.307
1541	15.40	-2.362	-2.188	-1.920	-1.694	-1.653	-1.824	-2.072	-2.155	-1.843	-1.058
1551	15.50	0.066	1.212	2.042	2.349	2.181	1.819	1.630	1.872	2.525	3.276
1561	15.60	3.648	3.235	1.909	-0.067	-2.139	-3.680	-4.248	-3.755	-2.474	-0.890
1571	15.70	0.532	1.538	2.104	2.435	2.721	3.050	3.260	3.215	2.752	1.902
1581	15.80	0.890	0.039	-0.401	-0.389	-0.124	0.054	-0.186	-0.799	-1.708	-2.478
1591	15.90	-2.707	-2.179	-0.970	0.586	2.053	3.081	3.537	3.515	3.242	2.933
1601	16.00	2.677	2.425	2.050	1.460	0.666	-0.212	-1.014	-1.628	-2.049	-2.357
1611	16.10	-2.649	-2.956	-3.201	-3.230	-2.892	-2.115	-0.942	0.499	2.065	3.646
1621	16.20	5.165	6.518	7.508	7.838	7.201	5.452	2.770	-0.275	-2.849	-4.136
1631	16.30	-3.578	-1.614	1.305	3.979	5.381	5.974	5.929	0.035	-2.655	-4.280
1641	16.40	-4.530	-3.728	-2.625	-2.032	-2.287	-3.163	-4.459	-5.455	-5.260	-4.053
1651	16.50	-2.298	-0.710	0.090	-0.136	-1.134	-2.283	-2.879	-2.437	-0.882	1.455
1661	16.60	3.995	6.155	7.548	8.065	7.834	7.094	6.060	4.858	3.532	2.109
1671	16.70	0.673	-0.613	-1.542	-1.966	-1.788	-1.217	-0.546	-0.170	-0.442	-1.564
1681	16.80	-3.414	-5.735	-8.014	-9.715	-10.416	-9.932	-8.379	-6.133	-3.725	-1.673
1691	16.90	-0.348	0.125	-0.142	-0.868	-1.727	-2.456	-2.909	-3.063	-2.955	-2.631
1701	17.00	-2.098	-1.333	-0.321	0.899	2.210	3.430	4.359	4.834	4.778	4.210
1711	17.10	3.224	1.961	0.571	-0.803	-2.031	-3.002	-3.830	-3.866	-3.714	-3.228
1721	17.20	-2.494	-1.604	-0.629	0.385	1.400	2.354	3.142	3.621	3.655	3.173
1731	17.30	2.219	0.957	-0.371	-1.521	-2.323	-2.726	-2.766	-2.527	-2.057	-1.334
1741	17.40	-0.296	1.095	2.771	4.514	5.991	6.844	6.822	5.874	4.174	2.055
1751	17.50	-0.116	-2.055	-3.637	-4.875	-5.837	-6.539	-6.879	-6.657	-5.661	-3.800
1761	17.60	-1.202	1.769	4.596	6.775	7.983	8.187	7.651	6.818	6.129	5.845
1771	17.70	5.944	6.139	6.006	5.170	3.483	1.097	-1.566	-3.953	-5.588	-6.217
1781	17.80	-5.881	-4.867	-3.577	-2.363	-1.410	-0.716	-0.159	0.376	0.892	1.244
1791	17.90	1.193	0.529	-0.790	-2.578	-4.444	-5.920	-6.626	-6.411	-5.400	-3.935
1801	18.00	-2.438	-1.259	-0.563	-0.320	-0.362	-0.494	-0.591	-0.633	-0.683	-0.819
1811	18.10	-1.065	-1.364	-1.596	-1.633	-1.393	-0.872	-0.124	0.781	1.794	2.906
1821	18.20	4.117	5.394	6.623	7.606	8.112	7.956	7.093	5.655	3.936	2.298
1831	18.30	1.055	0.361	0.166	0.250	0.321	0.145	-0.344	-1.017	-1.588	-1.721
1841	18.40	-1.166	0.159	2.111	4.388	6.614	8.451	9.686	10.257	10.226	9.716
1851	18.50	8.844	7.686	6.273	4.634	2.831	0.985	-0.737	-2.166	-3.193	-3.807
1861	18.60	-4.104	-4.245	-4.395	-4.649	-5.000	-5.337	-5.495	-5.327	-4.761	-3.849
1871	18.70	-2.750	-1.700	-0.940	-0.662	-0.956	-1.795	-3.043	-4.490	-5.900	-7.060
1881	18.80	-7.829	-8.156	-8.092	-7.764	-7.331	-6.937	-6.671	-6.545	-6.502	-6.447
1891	18.90	-6.275	-5.906	-5.284	-4.382	-3.185	-1.693	0.061	1.987	3.916	5.610
1901	19.00	6.803	7.282	6.964	5.948	4.502	2.986	1.738	0.951	0.620	0.557
1911	19.10	0.503	0.261	-0.180	-0.613	-0.879	-0.027	1.511	3.791	6.369	8.519
1921	19.20	9.669	9.330	7.554	4.733	1.574	-1.149	-2.836	-3.234	-2.487	-1.040
1931	19.30	0.532	1.719	2.213	1.955	1.086	-0.157	-1.524	-2.829	-3.953	-4.822
1941	19.40	-5.378	-5.571	-5.384	-4.856	-4.100	-3.278	-2.543	-1.976	-1.547	-1.122
1951	19.50	-0.561	0.241	1.234	2.230	2.964	3.219	2.942	2.295	1.611	1.261
1961	19.60	1.484	2.263	3.300	4.129	4.299	3.583	2.094	0.267	-1.293	-2.048
1971	19.70	-1.735	-0.467	1.307	2.987	4.048	4.225	3.578	2.416	1.129	0.002
1981	19.80	-0.901	-1.725	-2.712	-4.035	-5.664	-7.342	-8.686	-9.250	-8.915	-7.769
1991	19.90	-6.191	-4.702	-3.764	-3.611	-4.168	-5.086	-5.878	-6.105	-5.519	-4.139

Table 7—13—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EOGGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.219	-0.144	1.701	3.041	3.754	3.865	3.488	2.763	1.823	0.786
2011	20.10	-0.221	-1.038	-1.446	-1.303	-0.431	1.156	3.257	5.491	7.369	8.416
2021	20.20	8.319	7.037	4.863	2.260	-0.077	-1.606	-2.606	-1.278	0.269	2.152
2031	20.30	3.838	5.007	5.563	5.568	5.330	5.057	4.635	4.574	4.061	3.090
2041	20.40	1.598	-0.254	-2.094	-3.456	-3.948	-3.410	-1.988	-0.109	1.656	2.776
2051	20.50	2.922	2.061	0.465	-1.485	-3.247	-4.461	-4.945	-4.745	-4.087	-3.301
2061	20.60	-2.717	-2.574	-2.959	-3.791	-4.840	-5.791	-6.332	-6.243	-5.461	-4.100
2071	20.70	-2.409	-0.680	0.855	2.115	3.187	4.204	5.637	7.379	9.463	11.652
2081	20.80	13.586	14.900	15.336	14.815	13.438	11.422	9.019	6.449	3.872	1.415
2091	20.90	-0.794	-2.602	-3.836	-4.358	-4.112	-3.172	-1.722	-0.020	1.667	3.116
2101	21.00	4.156	4.657	4.513	3.643	2.030	-0.218	-2.841	-5.435	-7.554	-8.838
2111	21.10	-9.142	-8.594	-7.538	-6.401	-5.522	-5.032	-4.842	-4.731	-4.697	-4.086
2121	21.20	-3.616	-3.306	-3.316	-3.634	-4.015	-4.075	-3.468	-2.062	-0.040	2.144
2131	21.30	3.930	4.863	4.758	3.741	2.162	0.429	-1.145	-2.423	-3.412	-4.173
2141	21.40	-4.720	-4.985	-4.854	-4.270	-3.305	-2.186	-1.217	-0.673	-0.673	-1.127
2151	21.50	-1.779	-2.307	-2.441	-2.046	-1.130	0.199	1.801	3.549	5.323	6.990
2161	21.60	8.366	9.228	9.365	8.656	7.139	5.029	2.670	0.446	-1.329	-3.487
2171	21.70	-3.030	-3.101	-2.924	-2.730	-2.691	-2.881	-3.256	-3.668	-3.906	-3.768
2181	21.80	-3.148	-2.103	-0.868	0.210	0.799	0.740	0.148	-0.597	-0.984	-0.594
2191	21.90	0.693	2.600	4.530	5.793	5.899	4.771	2.784	0.610	-1.079	-1.898
2201	22.00	-1.889	-1.470	-1.192	-1.454	-2.302	-3.410	-4.259	-4.415	-3.759	-2.563
2211	22.10	-1.361	-0.689	-0.821	-1.631	-2.647	-3.281	-3.609	-2.081	-0.548	0.894
2221	22.20	1.673	1.510	0.544	-0.708	-1.561	-1.432	-0.071	2.350	5.288	8.014
2231	22.30	9.837	10.292	9.237	6.852	3.557	-0.112	-3.620	-6.532	-8.574	-9.655
2241	22.40	-9.869	-9.452	-8.724	-8.001	-7.510	-7.326	-7.359	-7.397	-7.197	-6.587
2251	22.50	-5.541	-4.190	-2.757	-1.454	-0.375	0.550	1.525	2.766	4.373	6.222
2261	22.60	7.969	9.156	9.398	8.560	6.853	4.788	3.007	2.046	2.136	3.118
2271	22.70	4.515	5.723	6.238	5.827	4.586	2.856	1.069	-0.412	-1.396	-1.869
2281	22.80	-1.934	-1.722	-1.333	-0.827	-0.250	0.326	0.793	1.032	0.955	0.554
2291	22.90	-0.096	-0.858	-1.578	-2.125	-2.403	-2.348	-1.914	-1.082	0.103	1.499
2301	23.00	2.851	3.836	4.165	3.711	2.593	1.180	-0.022	-0.553	-0.186	0.973
2311	23.10	2.514	3.879	4.575	4.364	3.338	1.862	0.413	-0.601	-0.976	-0.745
2321	23.20	-0.109	0.670	1.374	1.879	2.139	2.145	1.891	1.361	0.568	-0.417
2331	23.30	-1.450	-2.344	-2.935	-3.142	-3.005	-2.663	-2.288	-2.013	-1.881	-1.849
2341	23.40	-1.833	-1.784	-1.716	-1.713	-1.867	-2.206	-2.640	-2.968	-2.953	-2.419
2351	23.50	-1.358	0.047	1.462	2.525	2.985	2.806	2.179	1.451	0.976	0.969
2361	23.60	1.417	2.085	2.617	2.686	2.129	1.003	-0.446	-1.895	-3.080	-3.887
2371	23.70	-4.365	-4.657	-4.897	-5.117	-5.229	-5.079	-4.550	-3.660	-2.598	-1.667
2381	23.80	-1.166	-1.260	-1.886	-2.766	-3.491	-3.673	-3.079	-1.702	0.243	2.403
2391	23.90	4.402	5.938	6.846	7.107	6.818	6.151	5.297	4.433	3.690	3.128
2401	24.00	2.742	2.471	2.241	2.005	1.771	1.600	1.574	1.739	2.066	2.450
2411	24.10	2.755	2.873	2.803	2.640	2.531	2.577	2.759	2.908	2.773	2.135
2421	24.20	0.930	-0.689	-2.395	-3.814	-4.679	-4.935	-4.741	-4.381	-4.113	-4.054
2431	24.30	-4.147	-4.224	-4.118	-3.765	-3.232	-2.662	-2.176	-1.795	-1.438	-0.985
2441	24.40	-0.383	0.293	0.852	1.093	0.928	0.457	-0.059	-0.331	-0.206	0.230
2451	24.50	0.663	0.708	0.113	-1.082	-2.524	-3.682	-4.084	-3.537	-2.209	-0.548
2461	24.60	0.933	1.883	2.260	2.296	2.329	2.603	3.106	3.576	3.636	2.995
2471	24.70	1.612	-0.276	-2.241	-3.866	-4.895	-5.313	-5.301	-5.111	-4.931	-4.815
2481	24.80	-4.700	-4.475	-4.073	-3.498	-2.804	-2.031	-1.160	-0.117	1.166	2.664
2491	24.90	4.207	5.503	6.233	6.189	5.384	4.080	2.717	1.776	1.614	2.361

Table 7—13—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EOGGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.888	5.859	7.845	9.430	10.307	10.324	9.495	7.980	6.044	4.004
2511	25.10	2.159	0.725	-0.222	-0.749	-1.037	-1.292	-1.651	-2.120	-2.559	-2.746
2521	25.20	-2.471	-1.635	-0.310	1.281	2.834	4.068	4.807	5.017	4.786	4.264
2531	25.30	3.604	2.914	2.250	1.624	1.030	0.482	-0.089	-0.629	-1.165	-1.692
2541	25.40	-2.112	-2.579	-2.808	-2.807	-2.564	-2.165	-1.696	-1.405	-1.450	-1.935
2551	25.50	-2.849	-4.065	-5.368	-6.524	-7.344	-7.733	-7.722	-7.447	-7.118	-6.950
2561	25.60	-7.106	-7.642	-8.485	-9.448	-10.278	-10.728	-10.630	-9.938	-8.732	-7.174
2571	25.70	-5.447	-3.693	-1.986	-0.351	1.186	2.551	3.598	4.138	4.016	3.187
2581	25.80	1.781	0.090	-1.497	-2.607	-2.993	-2.599	-1.563	-0.155	1.310	2.551
2591	25.90	3.369	3.663	3.409	2.653	1.500	0.121	-1.252	-2.354	-2.946	-2.882
2601	26.00	-2.170	-0.986	0.374	1.581	2.381	2.676	2.541	2.185	1.862	1.770
2611	26.10	1.987	2.451	2.997	3.437	3.629	3.539	3.251	2.937	2.795	2.973
2621	26.20	3.509	4.304	5.141	5.749	5.897	5.481	4.581	3.445	2.419	1.816
2631	26.30	1.807	2.345	3.181	3.959	4.353	4.194	3.527	2.576	1.639	0.960
2641	26.40	0.629	0.570	0.596	0.518	0.236	-0.222	-0.732	-1.146	-1.370	-1.413
2651	26.50	-1.367	-1.363	-1.512	-1.869	-2.440	-3.205	-4.164	-5.229	-6.404	-7.552
2661	26.60	-8.496	-9.047	-9.080	-8.606	-7.796	-6.926	-6.266	-5.956	-5.934	-5.966
2671	26.70	-5.756	-5.100	-3.992	-2.661	-1.361	-0.416	0.130	0.458	0.918	1.856
2681	26.80	3.140	5.565	7.881	9.947	11.416	12.158	12.301	12.105	11.808	11.490
2691	26.90	11.034	10.207	8.814	6.861	4.512	2.233	0.435	-0.590	-0.800	-0.401
2701	27.00	0.256	0.828	1.110	1.094	0.929	0.821	0.931	1.296	1.827	2.344
2711	27.10	2.659	2.630	2.209	1.445	0.464	-0.560	-1.452	-2.074	-2.369	-2.386
2721	27.20	-2.271	-2.232	-2.462	-3.061	-3.980	-5.016	-5.871	-6.251	-5.969	-5.006
2731	27.30	-3.517	-1.763	-0.016	1.519	2.744	3.654	4.285	4.662	4.777	4.609
2741	27.40	4.168	3.535	2.876	2.406	2.317	2.708	3.534	4.604	5.631	6.312
2751	27.50	6.415	5.844	4.691	3.184	1.670	0.516	0.006	0.254	1.153	2.375
2761	27.60	3.452	3.902	3.381	1.795	-0.662	-3.567	-6.412	-8.766	-10.401	-11.331
2771	27.70	-11.744	-11.874	-11.870	-11.726	-11.308	-10.662	-9.942	-7.698	-5.840	-4.632
2781	27.80	-4.123	-4.410	-5.276	-6.278	-6.901	-6.751	-5.689	-3.874	-1.681	0.442
2791	27.90	2.140	3.250	3.820	4.043	4.148	4.308	4.591	4.969	5.376	5.758
2801	28.00	6.106	6.448	6.817	7.208	7.562	7.778	7.754	7.427	6.803	5.953
2811	28.10	4.983	3.998	3.085	2.205	1.406	0.660	-0.112	-0.852	-1.576	-2.281
2821	28.20	-2.969	-3.643	-4.284	-4.837	-5.213	-5.321	-5.213	-4.829	-4.020	-3.514
2831	28.30	-3.344	-3.653	-4.408	-5.386	-6.225	-6.554	-6.136	-4.985	-3.389	-1.834
2841	28.40	-0.833	-0.736	-1.587	-3.093	-4.718	-5.871	-6.121	-5.353	-5.803	-4.955
2851	28.50	-0.359	0.577	0.728	0.280	-0.388	-0.767	-0.585	0.283	1.705	3.389
2861	28.60	5.002	6.278	7.072	7.363	7.398	6.646	5.767	4.615	3.271	1.863
2871	28.70	0.566	-0.444	-1.030	-1.163	-0.932	-0.519	-0.142	0.021	-0.114	-0.523
2881	28.80	-1.084	-1.636	-2.024	-2.154	-2.013	-1.675	-1.278	-0.987	-0.942	-1.208
2891	28.90	-1.742	-2.386	-2.901	-3.046	-2.657	-1.720	-0.386	1.076	2.377	3.310
2901	29.00	3.819	3.995	3.999	3.960	3.885	3.653	3.074	2.015	0.503	-1.237
2911	29.10	-2.842	-3.943	-4.319	-3.982	-3.172	-2.239	-1.491	-1.064	-0.884	-0.735
2921	29.20	-0.388	0.270	1.167	2.082	2.744	2.948	2.637	1.900	0.918	-0.127
2931	29.30	-1.104	-1.944	-2.602	-3.016	-3.092	-2.737	-1.925	-0.753	0.547	1.665
2941	29.40	2.312	2.328	1.741	0.757	-0.317	-1.173	-1.597	-1.515	-0.981	-0.140
2951	29.50	0.827	1.746	2.480	2.948	3.146	3.146	3.104	3.204	3.595	4.318
2961	29.60	5.263	6.188	6.800	6.866	6.307	5.229	3.862	2.452	1.155	-0.016
2971	29.70	-1.148	-2.327	-3.531	-4.596	-5.272	-5.356	-4.834	-3.936	-3.071	-2.653
2981	29.80	-2.906	-3.728	-4.732	-5.391	-5.286	-4.297	-2.655	-0.828	0.702	1.664
2991	29.90	2.104	2.328	2.708	3.451	4.459	5.346	5.610	4.879	3.116	0.673

Table 7—13—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.817	-3.670	-4.398	-3.873	-2.340	-0.300	1.683	3.168	3.946	4.054
3011	30.10	3.712	3.224	2.881	2.894	3.353	4.218	5.322	6.403	7.161	7.357
3021	30.20	6.792	5.554	3.823	1.907	0.125	-1.286	-2.227	-2.726	-2.881	-2.786
3031	30.30	-2.484	-1.957	-1.229	-0.323	0.607	1.347	1.688	1.517	0.881	-0.016
3041	30.40	-0.877	-1.418	-1.469	-1.024	-0.219	0.730	1.612	2.287	2.693	2.828
3051	30.50	2.703	2.318	1.663	0.747	-0.369	-1.562	-2.664	-3.521	-4.047	-4.256
3061	30.60	-4.262	-4.219	-4.260	-4.435	-4.694	-4.919	-4.981	-4.813	-4.645	-4.001
3071	30.70	-3.651	-3.542	-3.737	-4.196	-4.790	-5.355	-5.747	-5.886	-5.762	-5.410
3081	30.80	-4.883	-4.220	-3.449	-2.607	-1.762	-1.021	-0.509	-0.311	-0.420	-0.705
3091	30.90	-0.940	-0.872	-0.330	0.699	2.044	3.406	4.474	5.046	5.110	4.832
3101	31.00	4.473	4.259	4.269	4.413	4.481	4.267	3.683	2.816	1.896	1.175
3111	31.10	0.825	0.842	1.071	1.299	1.379	1.307	1.219	1.289	1.597	2.039
3121	31.20	2.331	2.130	1.211	-0.391	-2.339	-4.101	-5.156	-5.218	-4.361	-2.996
3131	31.30	-1.700	-0.967	-1.007	-1.666	-2.511	-3.028	-2.846	-1.889	-0.383	1.249
3141	31.40	2.573	3.304	3.384	2.954	2.255	1.506	0.830	0.243	0.353	0.854
3151	31.50	-1.410	-1.921	-2.308	-2.502	-2.467	-2.198	-1.704	-0.994	-0.080	1.091
3161	31.60	2.164	3.271	4.156	4.674	4.759	4.455	3.906	3.312	2.853	2.637
3171	31.70	2.670	2.872	3.116	3.289	3.278	3.067	2.647	2.042	1.294	0.467
3181	31.80	-0.359	-1.098	-1.689	-2.123	-2.461	-2.827	-3.364	-4.170	-5.248	-6.480
3191	31.90	-7.661	-8.558	-8.991	-8.894	-8.329	-7.459	-6.483	-5.576	-4.843	-4.309
3201	32.00	-3.938	-3.657	-3.393	-3.089	-2.712	-2.258	-1.755	-1.259	-0.843	-0.577
3211	32.10	-0.493	-0.563	-0.697	-0.766	-0.642	-0.269	0.325	1.027	1.690	2.195
3221	32.20	2.509	2.703	2.918	3.303	3.949	4.836	5.840	6.768	7.420	7.648
3231	32.30	7.389	6.672	5.600	4.328	3.033	1.896	1.065	0.635	0.615	0.920
3241	32.40	1.390	1.836	2.089	2.072	1.798	1.351	0.835	0.326	-0.156	-0.616
3251	32.50	-1.056	-1.617	-1.591	-1.462	-0.992	-0.278	0.444	0.873	0.779	0.124
3261	32.60	-0.886	-1.856	-2.353	-2.109	-1.430	0.268	1.688	2.653	2.999	2.851
3271	32.70	2.575	2.592	3.170	4.286	5.631	6.755	7.278	7.065	6.287	5.325
3281	32.80	4.592	4.334	4.519	4.861	4.959	4.484	3.334	1.679	0.111	-1.610
3291	32.90	-2.506	-2.704	-1.764	-1.327	-1.358	-2.032	-3.345	-5.123		-7.085
3301	33.00	-8.906	-10.301	-11.083	-11.207	-10.766	-9.942	-8.956	-7.973	-7.063	-6.202
3311	33.10	-5.312	-4.339	-3.314	-2.365	-1.681	-1.422	-1.635	-2.211	-2.909	-3.441
3321	33.20	-3.578	-3.234	-2.485	-1.515	-0.527	0.351	1.105	1.822	2.618	3.558
3331	33.30	4.609	5.634	6.451	6.894	6.879	6.422	5.621	4.618	3.552	2.533
3341	33.40	1.639	0.916	0.395	0.084	-0.027	0.031	0.210	0.469	0.783	1.153
3351	33.50	1.588	2.088	2.614	3.094	3.442	3.593	3.542	3.349	3.115	2.937
3361	33.60	2.857	2.848	2.830	2.718	2.473	2.121	1.731	1.367	1.030	0.640
3371	33.70	0.074	-0.757	-1.832	-2.978	-3.912	-4.338	-4.078	-3.163	-1.839	-0.488
3381	33.80	0.522	0.968	0.851	0.368	-0.197	-0.610	-0.782	-0.798	-0.842	-1.098
3391	33.90	-1.043	-2.418	-3.253	-3.954	-4.385	-4.505	-4.354	-3.996	-3.466	-2.754
3401	34.00	-1.841	-0.755	0.379	1.343	1.890	1.850	1.218	0.188	-0.907	-1.767
3411	34.10	-1.964	-1.637	-0.893	-0.034	0.635	0.924	0.819	0.471	0.111	-0.048
3421	34.20	0.104	0.556	1.192	1.861	2.428	2.814	2.998	2.998	2.855	2.607
3431	34.30	2.296	1.965	1.662	1.433	1.310	1.300	1.380	1.506	1.623	1.677
3441	34.40	1.623	1.429	1.083	0.599	0.031	-0.526	-0.954	-1.152	-1.075	-0.780
3451	34.50	-0.424	-0.223	-0.378	-0.982	-1.970	-3.123	-4.138	-4.744	-4.810	-4.401
3461	34.60	-3.759	-3.207	-3.017	-3.307	-3.988	-4.809	-5.462	-5.703	-5.450	-4.806
3471	34.70	-4.007	-3.320	-2.932	-2.875	-3.021	-3.333	-2.969	-2.378	-1.364	-0.088
3481	34.80	1.190	2.203	2.776	2.866	2.584	2.119	1.654	1.294	1.029	0.761
3491	34.90	0.379	-0.154	-0.752	-1.215	-1.308	-0.867	0.110	1.448	2.868	4.011

Table 7—13—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.761	5.114	5.256	5.438	5.842	6.485	7.202	7.729	7.840	7.460
3511	35.10	6.702	5.813	5.035	4.482	4.080	3.615	2.860	1.716	0.300	-1.091
3521	35.20	-2.107	-2.522	-2.308	-1.734	-1.169	-0.948	-1.203	-1.806	-2.425	-2.678
3531	35.30	-2.309	-1.291	0.167	1.723	3.036	3.884	4.202	4.052	3.549	2.802
3541	35.40	1.895	0.917	-0.009	-0.724	-1.075	-1.003	-0.660	-0.122	0.097	-0.226
3551	35.50	-1.189	-2.651	-4.275	-5.664	-6.532	-6.814	-6.679	-6.427	-6.340	-6.542
3561	35.60	-6.956	-7.365	-7.539	-7.364	-6.899	-6.340	-5.903	-5.709	-5.712	-5.733
3571	35.70	-5.561	-5.069	-4.295	-3.416	-2.659	-2.172	-1.943	-1.802	-1.504	-0.863
3581	35.80	0.152	1.389	2.583	3.483	3.966	4.092	4.066	4.136	4.468	5.077
3591	35.90	5.821	6.479	6.852	6.848	6.516	6.006	5.499	5.134	4.961	4.955
3601	36.00	5.065	5.165	5.287	5.422	5.604	5.860	6.187	6.546	6.859	7.021
3611	36.10	6.923	6.471	5.619	4.397	2.929	1.421	0.115	-0.782	-1.179	-1.140
3621	36.20	-0.873	-0.655	-0.724	-1.186	-1.967	-2.855	-3.597	-4.008	-4.056	-3.856
3631	36.30	-3.603	-3.469	-3.512	-3.660	-3.761	-3.681	-3.389	-2.984	-2.648	-2.552
3641	36.40	-2.760	-3.191	-3.652	-3.933	-3.907	-3.580	-3.070	-2.532	-2.061	-1.647
3651	36.50	-1.197	-0.616	0.100	0.823	1.327	1.398	0.956	0.129	-0.773	-1.373
3661	36.60	-1.400	-0.811	0.176	1.170	1.779	1.790	1.263	0.515	-0.020	0.025
3671	36.70	0.789	2.124	3.647	4.857	5.366	4.967	3.715	1.882	-0.148	-1.995
3681	36.80	-3.390	-4.220	-4.528	-4.471	-4.250	-4.047	-3.970	-4.026	-4.138	-4.177
3691	36.90	-4.024	-3.621	-2.996	-2.257	-1.554	-1.018	-0.719	-0.654	-0.763	-0.972
3701	37.00	-1.230	-1.520	-1.836	-2.150	-2.383	-2.408	-2.096	-1.383	-0.323	0.906
3711	37.10	2.046	2.847	3.158	2.981	2.460	1.819	1.264	0.919	0.794	0.820
3721	37.20	0.902	0.987	1.083	1.246	1.537	1.977	2.532	3.121	3.654	4.070
3731	37.30	4.354	4.522	4.604	4.611	4.533	4.365	4.034	3.610	3.113	2.595
3741	37.40	2.101	1.656	1.263	0.921	0.610	0.400	0.237	0.125	0.023	-0.125
3751	37.50	-0.367	-0.708	-1.102	-1.467	-1.723	-1.831	-1.817	-1.756	-1.718	-1.737
3761	37.60	-1.759	-1.677	-1.377	-0.806	-0.015	0.848	1.600	2.100	2.312	2.316
3771	37.70	2.261	2.293	2.481	2.795	3.132	3.382	3.479	3.431	3.290	3.104
3781	37.80	2.867	2.519	1.982	1.225	0.304	-0.634	-1.416	-1.923	-2.158	-2.252
3791	37.90	-2.401	-2.768	-3.395	-4.168	-4.872	-5.293	-5.324	-5.020	-4.573	-4.222
3801	38.00	-4.143	-4.382	-4.851	-5.396	-5.882	-6.255	-6.543	-6.798	-7.028	-7.151
3811	38.10	-7.015	-6.470	-5.460	-4.078	-2.551	-1.161	-0.139	0.427	0.607	0.576
3821	38.20	0.526	0.582	0.766	1.029	1.306	1.582	1.896	2.311	2.856	3.475
3831	38.30	4.038	4.393	4.449	4.225	3.855	3.516	3.338	3.334	3.391	3.335
3841	38.40	3.033	2.481	1.820	1.274	1.033	1.146	1.483	1.767	1.799	1.386
3851	38.50	0.612	-0.285	-1.013	-1.366	-1.321	-1.040	-0.774	-0.722	-0.911	-1.175
3861	38.60	-1.235	-0.851	0.036	1.240	2.386	3.066	3.014	2.232	0.991	-0.268
3871	38.70	-1.126	-1.342	-0.943	-0.186	0.562	0.986	0.941	0.488	-0.159	-0.739
3881	38.80	-1.055	-1.026	-0.691	-0.155	0.471	1.113	1.734	2.308	2.792	3.113
3891	38.90	3.192	2.982	2.504	1.860	1.197	0.655	0.314	0.154	0.081	-0.035
3901	39.00	-0.293	-0.712	-1.229	-1.718	-2.053	-2.157	-2.036	-1.766	-1.467	-1.250
3911	39.10	-1.185	-1.278	-1.482	-1.716	-1.890	-1.927	-1.777	-1.427	-0.906	-0.290
3921	39.20	0.309	0.764	0.969	0.877	0.523	0.026	-0.449	-0.752	-0.804	-0.631
3931	39.30	-0.359	-0.155	-0.143	-0.434	-0.908	-1.440	-1.861	-2.054	-1.998	-1.770
3941	39.40	-1.500	-1.304	-1.233	-1.257	-1.288	-1.237	-1.066	-0.800	-0.527	-0.334
3551	39.50	-0.267	-0.307	-0.381	-0.404	-0.327	-0.164	0.020	0.148	0.180	0.146
3961	39.60	0.143	0.295	0.705	1.406	2.353	3.439	4.531	5.510	6.288	6.812
3971	39.70	7.054	7.003	6.674	6.124	5.460	4.826	4.362	4.150	4.170	4.289
3981	39.80	4.304	4.019	3.326	2.251	0.956	-0.331	-1.395	-2.110	-2.468	-2.557
3991	39.90	-2.502	-2.403	-2.311	-2.237	-2.183	-2.184	-2.301	-2.599	-3.090	-3.702

Table 7—13—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.287	-4.676	-4.762	-4.561	-4.221	-3.959	-3.956	-4.257	-4.729	-5.096
4011	40.10	-5.059	-4.625	-3.205	-1.630	-0.065	1.133	1.730	1.708	1.234	0.581
4021	40.20	0.005	-0.339	-0.432	-0.355	-0.222	-0.123	-0.095	-0.134	-0.228	-0.376
4031	40.30	-0.586	-0.839	-1.065	-1.141	-0.930	-0.658	0.527	1.532	2.369	2.761
4041	40.40	2.566	1.850	0.877	0.016	-0.413	-0.270	0.343	1.135	1.753	1.940
4051	40.50	1.648	1.049	0.444	0.125	0.236	0.708	1.316	1.772	1.874	1.584
4061	40.60	1.037	0.460	0.057	-0.084	-0.019	0.096	0.100	-0.089	-0.429	-0.788
4071	40.70	-1.011	-1.006	-0.785	-0.457	-0.170	-0.040	-0.103	-0.307	-0.552	-0.743
4081	40.80	-0.831	-0.821	-0.751	-0.663	-0.573	-0.475	-0.360	-0.236	-0.160	-0.123
4091	40.90	-0.226	-0.456	-0.780	-1.165	-1.501	-1.823	-2.102	-2.326	-2.457	-2.422
4101	41.00	-2.150	-1.611	-0.868	-0.078	0.552	0.854	0.779	0.438	0.066	-0.082
4111	41.10	0.147	0.726	1.143	1.994	2.121	1.724	0.915	-0.046	-0.863	-1.333
4121	41.20	-1.425	-1.256	-1.001	-0.803	-0.679	-0.544	-0.274	0.197	0.814	1.407
4131	41.30	1.766	1.729	1.260	0.453	-0.512	-1.439	-2.179	-2.640	-2.768	-2.518
4141	41.40	-1.856	-0.791	0.570	1.999	3.182	3.826	3.789	3.175	2.321	1.685
4151	41.50	1.644	2.329	3.566	4.851	5.766	5.887	5.255	4.131	2.963	2.148
4161	41.60	1.466	1.929	2.084	1.950	1.408	0.588	-0.244	-0.667	-0.497	0.197
4171	41.70	1.088	1.746	1.825	1.218	0.090	-1.217	-2.350	-3.097	-3.457	-3.599
4181	41.80	-3.738	-4.012	-4.410	-4.798	-5.005	-4.935	-4.620	-4.207	-3.867	-3.699
4191	41.90	-3.663	-3.592	-3.273	-2.565	-1.479	-0.205	0.950	1.669	1.737	1.119
4201	42.00	-0.038	-1.457	-2.819	-3.848	-4.366	-4.317	-3.752	-2.803	-1.648	-0.685
4211	42.10	0.505	1.189	1.513	1.518	1.362	1.173	1.199	1.535	2.180	3.013
4221	42.20	3.826	4.398	4.575	4.336	3.780	3.114	2.524	2.345	2.507	3.016
4231	42.30	3.725	4.436	4.959	5.161	4.990	4.473	3.698	2.789	1.868	1.043
4241	42.40	0.378	-0.106	-0.437	-0.678	-0.902	-1.170	-1.507	-1.892	-2.266	-2.563
4251	42.50	-2.738	-2.790	-2.764	-2.727	-2.732	-2.788	-2.867	-2.823	-2.635	-2.249
4261	42.60	-1.709	-1.132	-0.665	-0.435	-0.493	-0.798	-1.232	-1.648	-1.926	-2.014
4271	42.70	-1.940	-1.791	-1.669	-1.645	-1.737	-1.903	-2.059	-2.116	-2.001	-1.688
4281	42.80	-1.196	-0.589	0.039	0.583	0.952	1.088	0.988	0.705	0.339	0.008
4291	42.90	-0.188	-0.202	-0.063	0.139	0.279	0.246	-0.016	-0.475	-1.024	-1.502
4301	43.00	-1.744	-1.631	-1.122	-0.272	0.781	1.847	2.732	3.280	3.418	3.175
4311	43.10	2.682	2.138	1.760	1.718	2.085	2.808	3.719	4.578	5.150	5.271
4321	43.20	4.901	4.130	3.151	2.197	1.470	1.085	1.043	1.246	1.538	1.762
4331	43.30	1.812	1.663	1.363	1.012	0.712	0.531	0.477	0.508	0.558	0.577
4341	43.40	0.557	0.538	0.578	0.718	0.943	1.170	1.275	1.145	0.738	0.111
4351	43.50	-0.592	-1.198	-1.588	-1.756	-1.825	-1.992	-2.439	-3.227	-4.245	-5.238
4361	43.60	-5.866	-5.990	-5.477	-4.531	-3.484	-2.594	-2.398	-2.616	-3.168	-3.660
4371	43.70	-3.827	-3.473	-2.631	-1.525	-0.463	0.293	0.626	0.597	0.389	0.216
4381	43.80	0.220	0.419	0.715	0.957	1.022	0.879	0.600	0.326	0.206	0.331
4391	43.90	0.695	1.203	1.699	2.027	2.071	1.796	1.251	0.564	-0.095	-0.547
4401	44.00	-0.660	-0.385	0.216	0.974	1.651	2.015	1.914	1.334	0.410	-0.612
4411	44.10	-1.469	-1.972	-2.070	-1.866	-1.558	-1.354	-1.382	-1.647	-2.035	-2.379
4421	44.20	-2.534	-2.437	-2.119	-1.681	-1.237	-0.866	-0.595	-0.408	-0.282	-0.209
4431	44.30	-0.203	-0.278	-0.426	-0.595	-0.711	-0.710	-0.577	-0.371	-0.201	-0.175
4441	44.40	-0.346	-0.678	-1.050	-1.311	-1.343	-1.115	-0.686	-0.178	0.290	0.644
4451	44.50	0.870	0.992	1.029	0.970	0.776	0.421	-0.054	-0.519	-0.784	-0.667
4461	44.60	-0.083	0.896	2.046	3.067	3.694	3.794	3.409	2.719	1.954	1.299
4471	44.70	0.841	0.569	0.434	0.413	0.535	0.866	1.442	2.210	3.011	3.621
4481	44.80	3.864	3.598	2.962	2.145	1.399	0.911	0.737	0.798	0.945	1.042
4491	44.90	1.035	0.954	0.871	0.829	0.797	0.683	0.393	-0.098	-0.709	-1.267

Table 7—13—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1160 712-GR-1-8 U-D (U-D) EDOGAWA EMB. MAX. ACC. = 15.336 (GAL) T= 20.83 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.592	-1.590	-1.303	-0.904	-0.608	-0.568	-0.798	-1.167	-1.472	-1.550
4511	45.10	-1.363	-1.020	-0.711	-0.603	-0.747	-1.038	-1.275	-1.265	-0.926	-0.336
4521	45.20	0.297	0.739	0.832	0.570	0.082	-0.441	-0.838	-1.049	-1.114	-1.125
4531	45.30	-1.143	-1.155	-1.073	-0.797	-0.290	0.368	0.995	1.371	1.333	0.854
4541	45.40	0.052	-0.852	-1.636	-2.145	-2.362	-2.374	-2.315	-2.294	-2.366	-2.418
4551	45.50	-2.610	-2.227	-1.818	-1.199	-0.437	0.377	1.159	1.847	2.404	2.818
4561	45.60	3.093	3.254	3.350	3.442	3.595	3.869	4.203	4.603	4.953	5.151
4571	45.70	5.119	4.832	4.327	3.688	3.018	2.409	1.891	1.554	1.254	0.995
4581	45.80	0.701	0.334	-0.110	-0.591	-1.036	-1.360	-1.505	-1.463	-1.293	-1.105
4591	45.90	-1.019	-1.120	-1.418	-1.840	-2.259	-2.552	-2.647	-2.561	-2.382	-2.225
4601	46.00	-2.176	-2.249	-2.394	-2.527	-2.591	-2.585	-2.570	-2.629	-2.815	-3.112
4611	46.10	-3.647	-3.724	-3.895	-3.993	-4.125	-4.418	-4.940	-5.639	-6.364	-6.823
4621	46.20	-6.881	-6.440	-5.575	-4.474	-3.347	-2.341	-1.485	-0.711	0.079	0.933
4631	46.30	1.811	2.599	3.118	3.516	3.670	3.810	4.105	4.641	5.365	6.095
4641	46.40	6.602	6.713	6.586	5.729	4.935	4.197	3.622	3.207	2.871	2.532
4651	46.50	2.164	1.814	1.562	1.456	1.459	1.451	1.285	0.879	0.279	-0.338
4661	46.60	-0.731	-0.713	-0.252	0.495	1.236	1.670	1.625	1.138	0.440	-0.147
4671	46.70	-0.364	-0.137	0.380	0.871	0.996	0.540	-0.486	-1.849	-3.183	-4.139
4681	46.80	-4.517	-4.337	-3.816	-3.260	-2.955	-3.035	-3.450	-3.994	-4.398	-4.435
4691	46.90	-4.006	-3.166	-2.097	-1.037	-0.195	0.306	0.455	0.339	0.096	-0.129
4701	47.00	-0.222	-0.124	0.173	0.630	1.170	1.694	2.091	2.263	2.156	1.787
4711	47.10	1.256	0.730	0.398	0.408	0.805	1.507	2.321	3.002	3.343	3.238
4721	47.20	2.722	1.950	1.140	0.496	0.150	0.131	0.379	0.779	1.201	1.536
4731	47.30	1.712	1.698	1.506	1.186	0.818	0.496	0.293	0.237	0.287	0.341
4741	47.40	0.274	-0.007	-0.516	-1.176	-1.847	-2.385	-2.711	-2.836	-2.850	-2.854
4751	47.50	-2.896	-2.936	-2.869	-2.592	-2.089	-1.472	-0.950	-0.733	-0.912	-1.379
4761	47.60	-1.846	-1.954	-1.440	-0.276	1.293	2.833	3.903	4.243	3.890	3.155
4771	47.70	2.479	2.223	2.515	3.197	3.918	4.351	4.198	3.522	2.619	1.783
4781	47.80	1.097	1.180	1.298	1.286	1.122	0.930	0.890	1.120	1.579	
4791	47.90	2.055	2.258	1.952	1.082	-0.187	-1.521	-2.552	-3.023	-2.879	-2.272
4801	48.00	-1.484	-0.805	-0.437	-0.443	-0.769	-1.302	-1.934	-2.586	-3.213	-3.769
4811	48.10	-4.196	-4.415	-4.380	-4.100	-3.661	-3.208	-2.892	-2.800	-2.913	-3.113
4821	48.20	-3.228	-3.118	-2.738	-2.164	-1.566	-1.130	-0.975	-1.103	-1.391	-1.649
4831	48.30	-1.690	-1.411	-0.832	-0.075	0.677	1.257	1.567	1.692	1.437	1.190
4841	48.40	0.980	0.893	0.971	1.215	1.600	2.083	2.610	3.120	3.550	3.845
4851	48.50	3.977	3.959	3.867	3.724	3.674	3.741	3.915	4.128	4.280	4.281
4861	48.60	4.089	3.723	3.256	2.776	2.366	1.973	1.610	1.184	0.634	-0.049
4871	48.70	-0.815	-1.574	-2.236	-2.752	-3.131	-3.425	-3.698	-3.978	-4.239	-4.409
4881	48.80	-4.406	-4.180	-3.765	-3.260	-2.803	-2.514	-2.440	-2.542	-2.707	-2.801
4891	48.90	-2.731	-2.480	-2.119	-1.770	-1.556	-1.548	-1.732	-2.027	-2.303	-2.425
4901	49.00	-2.296	-1.873	-1.175	-0.225	0.716	1.670	2.458	2.972	3.154	3.006
4911	49.10	2.598	2.050	1.502	1.075	0.835	0.788	0.886	1.061	1.257	1.443
4921	49.20	1.613	1.764	1.874	1.896	1.768	1.448	0.944	0.332	-0.263	-0.702
4931	49.30	-0.887	-0.800	-0.508	-0.133						

Table 7—14—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	-1.338	-1.983	-2.116	-1.637	-0.642	0.595	1.706	2.368	2.332
11	0.10	1.677	0.601	-0.567	-1.510	-2.036	-2.130	-1.927	-1.625	-1.380	-1.233
21	0.20	-1.098	-0.821	-0.277	0.549	1.525	2.413	2.959	2.992	2.490	1.582
31	0.30	0.490	-0.568	-1.449	-2.120	-2.627	-3.038	-3.374	-3.587	-3.577	-3.256
41	0.40	-2.604	-1.705	-0.728	0.130	0.718	0.979	0.967	0.809	0.648	0.585
51	0.50	0.650	0.801	0.957	1.028	0.947	0.675	0.209	-0.419	-1.147	-1.875
61	0.60	-2.486	-2.869	-2.957	-2.765	-2.400	-2.027	-1.810	-1.837	-2.071	-2.352
71	0.70	-2.459	-2.258	-1.542	-0.573	0.446	1.219	1.523	1.298	0.673	-0.089
81	0.80	-0.700	-0.958	-0.819	-0.403	0.075	0.397	0.630	0.167	-0.286	-0.765
91	0.90	-1.114	-1.239	-1.131	-0.848	-0.491	-0.165	0.045	0.093	-0.026	-0.272
101	1.00	-0.569	-0.813	-0.901	-0.762	-0.378	0.196	0.850	1.447	1.870	2.059
111	1.10	2.017	1.797	1.469	1.062	0.643	0.128	-0.490	-1.204	-1.953	-2.623
121	1.20	-3.027	-3.201	-2.958	-2.369	-1.548	-0.647	0.183	0.821	1.208	1.345
131	1.30	1.288	1.121	0.933	0.790	0.715	0.675	0.598	0.395	0.009	-0.548
141	1.40	-1.172	-1.682	-1.879	-1.622	-0.895	0.158	1.166	2.114	2.462	2.231
151	1.50	1.542	0.673	-0.048	-0.372	-0.226	0.263	0.829	1.182	1.134	0.676
161	1.60	-0.032	-0.716	-1.131	-1.153	-0.835	-0.376	-0.032	-0.030	-0.336	-0.920
171	1.70	-1.505	-1.806	-1.608	-0.842	0.394	1.873	3.306	4.432	5.080	5.199
181	1.80	4.846	4.150	3.270	2.348	1.491	0.765	0.197	-0.209	-0.464	-0.591
191	1.90	-0.620	-0.592	-0.555	-0.554	-0.617	-0.749	-0.923	-1.097	-1.227	-1.293
201	2.00	-1.309	-1.320	-1.367	-1.459	-1.536	-1.476	-1.127	-0.382	0.758	2.135
211	2.10	3.455	4.365	4.568	3.935	2.563	0.745	-1.122	-2.679	-3.712	-4.198
221	2.20	-4.265	-4.090	-3.794	-3.390	-2.802	-1.956	-0.875	0.275	1.224	1.714
231	2.30	1.645	1.162	0.634	0.514	1.141	2.558	4.455	6.254	7.326	7.229
241	2.40	5.887	3.602	0.922	-1.596	-3.594	-5.023	-6.084	-7.065	-8.127	-9.184
251	2.50	-9.903	-9.852	-8.703	-6.406	-3.248	0.228	3.407	5.795	7.155	7.527
261	2.60	7.150	6.332	5.365	4.377	3.536	2.900	2.531	2.467	2.667	2.976
271	2.70	3.130	2.828	1.656	0.196	-1.919	-4.054	-5.707	-6.483	-6.230	-5.085
281	2.80	-3.409	-1.639	-0.131	0.953	1.662	2.184	2.725	3.391	4.127	4.733
291	2.90	4.947	4.556	3.495	1.898	0.082	-1.536	-2.551	-2.695	-1.929	-0.476
301	3.00	1.227	2.645	3.305	2.947	1.616	-0.341	-2.386	-3.957	-4.656	-4.359
311	3.10	-3.235	-1.643	0.018	1.461	2.586	3.456	4.197	4.872	5.402	5.579
321	3.20	5.163	4.019	2.220	0.074	-1.960	-3.624	-4.028	-3.747	-2.826	-1.681
331	3.30	-0.741	0.291	0.391	0.867	1.401	1.659	1.416	0.639	0.503	1.700
341	3.40	2.602	2.932	2.579	1.632	0.358	-0.877	-1.721	-1.941	-1.488	-0.513
351	3.50	0.688	1.752	2.350	2.258	1.392	0.188	-2.294	-4.640	-6.862	-8.502
361	3.60	-9.366	-9.011	-7.435	-4.843	-1.702	1.360	3.712	4.911	4.833	3.696
371	3.70	1.955	0.125	-1.412	-2.513	-3.261	-3.844	-4.396	-4.880	-5.083	-4.721
381	3.80	-3.611	-1.802	0.376	2.406	3.761	4.095	3.369	1.857	0.047	-1.517
391	3.90	-2.397	-2.348	-1.356	0.390	2.540	4.643	6.207	6.784	6.084	4.081
401	4.00	1.080	-2.317	-5.348	-7.316	-7.816	-6.875	-4.935	-2.691	-0.839	0.156
411	4.10	0.182	-0.553	-1.661	-2.753	-3.559	-3.949	-3.869	-3.256	-2.017	-0.083
421	4.20	2.471	5.328	7.933	9.629	9.887	8.539	5.889	2.642	-0.325	-2.282
431	4.30	-2.896	-2.316	-1.071	0.186	0.942	1.008	0.561	-0.093	-0.510	-0.489
441	4.40	-0.040	0.640	1.284	1.688	1.780	1.625	1.366	1.149	1.090	1.251
451	4.50	1.664	2.338	3.251	4.315	5.349	6.074	6.165	5.346	3.491	0.699
461	4.60	-2.692	-6.159	-9.109	-11.009	-11.497	-10.658	-8.041	-4.621	-0.734	3.024
471	4.70	6.101	8.083	8.765	8.177	6.570	4.345	1.964	-0.147	-1.677	-2.463
481	4.80	-2.498	-1.896	-0.852	0.399	1.625	2.617	3.219	3.336	2.945	2.083
491	4.90	0.838	-0.679	-2.340	-4.011	-5.537	-6.745	-7.448	-7.480	-6.746	-5.265

Table 7—14—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.200	-0.836	1.486	3.432	4.766	5.375	5.261	4.505	3.219	1.529
511	5.10	-0.418	-2.430	-4.250	-5.585	-6.176	-5.887	-4.781	-3.137	-1.384	0.020
521	5.20	0.736	0.634	-0.159	-1.337	-2.531	-3.424	-3.839	-3.749	-3.235	-2.415
531	5.30	-1.391	-0.235	0.992	2.198	3.236	3.924	4.096	3.670	2.707	1.425
541	5.40	0.152	-0.754	-1.011	-0.497	0.706	2.318	3.924	5.073	5.380	4.630
551	5.50	2.839	0.271	-2.602	-5.195	-6.935	-7.399	-6.778	-4.868	-1.075	2.201
561	5.60	4.957	6.607	6.826	5.633	3.390	0.706	-1.716	-3.260	-3.557	-2.577
571	5.70	-0.627	1.732	3.850	5.164	5.360	4.358	2.493	0.230	-1.881	-3.359
581	5.80	-3.904	-3.441	-2.104	-0.181	1.963	3.958	5.485	6.303	6.274	5.374
591	5.90	3.702	1.480	-0.963	-3.233	-4.931	-5.732	-5.453	-4.100	-1.876	0.852
601	6.00	3.627	5.981	7.524	8.008	7.358	5.677	3.231	0.403	-2.369	-4.564
611	6.10	-5.846	-5.951	-4.858	-2.813	-0.310	1.994	3.429	3.506	2.079	-0.577
621	6.20	-3.795	-6.695	-8.426	-8.429	-6.611	-3.384	0.467	4.021	6.498	7.471
631	6.30	6.954	5.335	3.204	1.144	-0.436	-1.368	-1.697	-1.571	-1.134	-0.459
641	6.40	0.453	1.608	2.965	4.292	5.373	5.886	5.610	4.493	2.691	0.528
651	6.50	-1.596	-3.329	-4.655	-4.941	-4.904	-4.538	-4.030	-3.501	-2.994	-2.499
661	6.60	-2.006	-1.562	-1.172	-0.968	-0.960	-1.098	-1.256	-1.283	-1.072	-0.629
671	6.70	-0.093	0.299	0.303	-0.234	-1.306	-2.728	-4.194	-5.366	-5.956	-5.813
681	6.80	-4.914	-3.558	-1.325	0.942	3.153	4.981	6.097	6.255	5.288	3.380
691	6.90	0.898	-1.583	-3.443	-4.211	-3.718	-2.171	-0.076	1.924	3.274	3.678
701	7.00	3.183	2.119	0.949	0.094	-0.224	-0.030	0.443	0.865	0.943	0.524
711	7.10	-0.357	-1.506	-2.627	-3.450	-3.795	-3.644	-3.148	-2.571	-2.198	-2.215
721	7.20	-2.613	-3.166	-3.474	-3.122	-1.839	0.350	3.074	5.699	7.521	8.004
731	7.30	6.975	4.696	1.788	-0.978	-2.928	-3.685	-3.258	-1.990	-0.411	0.953
741	7.40	1.723	1.748	1.093	-0.019	-1.288	-2.409	-3.126	-3.271	-2.796	-1.789
751	7.50	-0.472	0.843	1.834	2.265	2.065	1.362	0.440	-0.356	-0.730	-0.530
761	7.60	0.227	1.384	2.707	3.959	4.937	5.479	5.451	4.748	3.321	1.231
771	7.70	-1.302	-3.905	-6.106	-7.468	-7.723	-6.874	-5.199	-3.160	-1.242	0.213
781	7.80	1.096	1.534	1.780	2.076	2.525	3.058	3.472	3.548	3.161	2.344
791	7.90	1.274	0.193	-0.688	-1.262	-1.535	-1.585	-1.493	-1.292	-0.966	-0.485
801	8.00	0.139	0.823	1.425	1.806	1.905	1.775	1.572	1.476	1.593	1.883
811	8.10	2.160	2.147	1.697	0.710	-0.623	-1.971	-2.959	-3.318	-2.992	-2.147
821	8.20	-1.101	-0.193	0.338	0.426	0.143	-0.346	-0.898	-1.433	-1.941	-2.431
831	8.30	-2.880	-3.203	-3.276	-2.997	-2.348	-1.427	-0.423	0.460	1.083	1.627
841	8.40	1.592	1.742	2.024	2.500	3.124	3.758	4.226	4.360	4.031	3.159
851	8.50	1.710	-0.294	-2.741	-5.391	-7.867	-9.688	-10.378	-9.606	-7.325	-3.864
861	8.60	0.213	4.047	6.904	8.275	8.039	6.476	4.258	1.766	-0.112	-1.132
871	8.70	-1.248	-0.671	0.251	1.170	1.853	2.233	2.386	2.454	2.553	2.694
881	8.80	2.767	2.589	1.993	0.937	-0.438	-1.812	-2.782	-2.998	-2.310	-0.865
891	8.90	1.004	2.703	3.741	3.809	2.892	1.263	-0.623	-2.288	-3.384	-3.775
901	9.00	-3.547	-2.936	-2.226	-1.663	-1.401	-1.488	-1.886	-2.692	-3.152	-3.680
911	9.10	-3.868	-3.530	-2.539	-0.885	1.306	3.783	6.216	8.274	9.691	10.311
921	9.20	10.107	9.159	7.623	5.704	3.624	1.598	-0.189	-1.621	-2.672	-3.411
931	9.30	-3.967	-4.471	-4.979	-5.416	-5.580	-5.201	-4.049	-2.052	0.635	3.635
941	9.40	6.435	8.529	9.560	9.411	8.230	6.356	4.217	2.202	0.575	-0.571
951	9.50	-1.293	-1.757	-2.171	-2.722	-3.529	-4.605	-5.851	-7.070	-8.007	-8.411
961	9.60	-8.111	-7.069	-5.404	-3.370	-1.285	0.556	1.964	2.896	3.440	3.757
971	9.70	3.994	4.216	4.369	4.297	3.801	2.716	0.981	-1.325	-3.989	-6.698
981	9.80	-9.103	-10.876	-11.769	-11.663	-10.497	-8.473	-5.845	-2.989	-0.331	1.755
991	9.90	2.933	3.179	2.615	1.589	0.566	0.001	0.203	1.249	2.959	4.960

Table 7—14—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.815	8.154	8.780	8.695	8.055	7.071	5.907	4.629	3.208	1.585
1011	10.10	-0.251	-2.218	-4.148	-5.850	-7.196	-8.171	-8.873	-9.438	-9.948	-10.352
1021	10.20	-10.458	-10.012	-8.822	-6.883	-4.422	-1.853	0.362	1.878	2.589	2.646
1031	10.30	2.372	2.112	2.080	2.291	2.584	2.736	2.586	2.121	1.465	0.797
1041	10.40	0.236	-0.228	-0.719	-1.380	-2.240	-3.128	-3.686	-3.499	-2.289	-0.079
1051	10.50	2.744	5.524	7.558	8.350	7.812	6.300	4.475	3.056	2.543	3.042
1061	10.60	4.250	5.602	6.580	6.558	5.759	4.289	2.583	1.035	-0.129	-0.902
1071	10.70	-1.435	-1.917	-2.453	-3.008	-3.436	-3.577	-3.359	-2.858	-2.276	-1.842
1081	10.80	-1.695	-1.797	-1.931	-1.782	-1.077	0.275	2.116	4.053	5.589	6.268
1091	10.90	5.834	4.309	1.994	-0.621	-2.985	-4.621	-5.225	-4.715	-3.227	-1.082
1101	11.00	1.290	3.426	4.915	5.501	5.128	3.961	2.352	0.740	-0.477	-1.057
1111	11.10	-0.990	-0.478	0.150	0.570	0.591	0.222	-0.346	-0.824	-0.955	-0.613
1121	11.20	0.150	1.127	2.048	2.673	2.879	2.678	2.194	1.598	1.039	0.594
1131	11.30	0.251	-0.078	-0.523	-1.209	-2.213	-3.528	-5.037	-6.524	-7.697	-8.259
1141	11.40	-7.991	-6.824	-4.888	-2.499	-0.081	1.943	3.266	3.770	3.536	2.790
1151	11.50	1.807	0.825	-0.001	-0.602	-0.947	-1.001	-0.698	0.037	1.237	2.835
1161	11.60	4.641	6.359	7.659	8.264	8.017	6.920	5.109	2.805	0.255	-2.306
1171	11.70	-4.666	-6.616	-7.965	-8.535	-8.217	-7.021	-5.128	-2.878	-0.716	0.924
1181	11.80	1.740	1.651	0.830	-0.362	-1.492	-2.197	-2.306	-1.880	-1.180	-0.561
1191	11.90	-0.335	-0.665	-1.504	-2.617	-3.661	-4.292	-4.265	-3.488	-2.026	-0.055
1201	12.00	2.197	4.512	6.715	8.671	10.270	11.399	11.932	11.740	10.726	8.869
1211	12.10	6.270	3.170	-0.057	-2.959	-5.086	-6.091	-5.823	-4.388	-2.141	0.376
1221	12.20	2.564	3.909	4.103	3.111	1.150	-1.400	-4.113	-6.627	-8.691	-10.162
1231	12.30	-10.950	-10.969	-10.127	-8.366	-5.748	-2.524	0.846	3.766	5.641	6.053
1241	12.40	4.896	2.423	-0.818	-4.126	-6.834	-8.455	-8.771	-7.835	-5.907	-5.367
1251	12.50	-0.619	1.969	4.119	5.656	6.511	6.598	6.282	5.329	3.882	1.959
1261	12.60	-0.400	-3.059	-5.722	-7.927	-9.127	-8.852	-6.899	-3.480	0.763	4.884
1271	12.70	7.898	9.070	8.141	5.404	1.598	-2.332	-5.458	-7.190	-7.273	-5.821
1281	12.80	-3.203	0.077	3.484	6.509	8.721	9.809	9.635	8.283	6.062	3.440
1291	12.90	0.917	-1.118	-2.498	-3.291	-3.718	-4.003	-4.237	-4.323	-4.029	-3.127
1301	13.00	-1.551	0.499	2.576	4.103	4.577	3.723	1.596	-1.437	-4.801	-7.859
1311	13.10	-10.050	-10.984	-10.482	-8.585	-5.541	-1.767	2.201	5.795	8.518	10.046
1321	13.20	10.292	9.408	7.722	5.639	3.536	1.701	0.322	-0.487	-0.661	-0.175
1331	13.30	0.919	2.452	4.125	5.547	6.330	6.208	5.121	3.228	0.844	-1.681
1341	13.40	-4.071	-6.167	-7.901	-9.218	-10.007	-10.084	-9.267	-7.499	-4.951	-2.059
1351	13.50	0.563	2.290	2.686	1.641	-0.595	-3.504	-6.464	-8.916	-10.475	-10.959
1361	13.60	-10.352	-8.755	-6.335	-3.329	-0.043	3.153	5.864	7.759	8.652	8.560
1371	13.70	7.693	6.393	5.037	3.954	3.380	3.455	4.233	5.687	7.680	9.925
1381	13.80	11.971	13.274	13.312	11.777	8.723	4.621	0.263	-3.455	-5.810	-6.469
1391	13.90	-5.575	-3.654	-1.397	0.592	1.982	2.761	3.136	3.361	3.575	3.725
1401	14.00	3.620	3.065	2.016	0.671	-0.555	-1.156	-0.718	0.915	3.563	6.746
1411	14.10	9.806	12.082	13.069	12.515	10.450	7.145	3.033	-1.376	-5.562	-9.058
1421	14.20	-11.489	-12.613	-12.356	-10.844	-8.408	-5.553	-2.884	-0.985	-0.294	-0.975
1431	14.30	-2.866	-5.477	-8.112	-10.014	-10.563	-9.428	-6.653	-2.637	1.969	6.419
1441	14.40	10.043	12.370	13.190	12.569	10.702	8.060	5.020	2.108	-0.277	-1.815
1451	14.50	-2.334	-1.856	-0.597	1.064	2.672	3.810	4.201	3.774	2.657	1.116
1461	14.60	-0.552	-2.113	-3.450	-4.566	-5.530	-6.409	-7.215	-7.885	-8.308	-8.377
1471	14.70	-8.043	-7.337	-6.371	-5.304	-4.300	-3.491	-2.963	-2.748	-2.836	-3.181
1481	14.80	-3.712	-4.335	-4.948	-5.451	-5.766	-5.862	-5.657	-5.194	-4.436	-3.353
1491	14.90	-1.923	-0.173	1.784	3.725	5.343	6.325	6.437	5.643	4.124	2.249

Table 7—14—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.463	-0.863	-1.563	-1.725	-1.654	-1.739	-2.225	-3.628	-4.991	-6.630
1511	15.10	-7.907	-8.448	-8.041	-6.675	-4.499	-1.754	1.299	4.407	7.313	9.731
1521	15.20	11.345	11.865	11.120	9.164	6.337	3.225	0.530	-1.123	-1.381	-0.257
1531	15.30	1.884	4.664	6.896	8.759	9.893	10.373	10.398	10.153	9.709	9.008
1541	15.40	7.938	6.432	4.556	2.523	0.624	-0.872	-1.832	-2.297	-2.452	-2.545
1551	15.50	-2.782	-3.264	-3.994	-4.920	-6.007	-7.273	-8.774	-10.539	-12.492	-14.422
1561	15.60	-16.002	-16.893	-16.866	-15.901	-14.224	-12.239	-10.414	-9.137	-8.614	-8.839
1571	15.70	-9.636	-10.738	-11.865	-12.774	-13.253	-13.114	-12.183	-10.334	-7.559	-4.034
1581	15.80	-0.159	3.486	6.264	7.653	7.413	5.686	2.981	0.050	-2.303	-3.429
1591	15.90	-2.980	-0.964	2.301	6.291	10.420	14.149	17.067	18.923	19.628	19.240
1601	16.00	17.937	15.986	13.696	11.358	9.190	7.301	5.681	4.246	2.898	1.600
1611	16.10	0.416	-0.499	-0.946	-0.774	0.054	1.415	3.057	4.663	5.945	6.724
1621	16.20	6.977	6.818	6.451	6.097	5.924	6.007	6.315	6.726	7.062	7.136
1631	16.30	6.794	5.959	4.660	3.045	1.355	-0.117	-1.105	-1.442	-1.122	-0.331
1641	16.40	0.695	1.544	1.936	1.703	0.852	-0.448	-1.931	-3.310	-4.354	-4.937
1651	16.50	-5.038	-4.716	-4.070	-3.202	-2.197	-1.118	-0.021	1.046	2.038	2.923
1661	16.60	3.692	4.361	4.968	5.548	6.108	6.606	6.942	6.978	6.575	5.642
1671	16.70	4.187	2.345	0.369	-1.402	-2.624	-3.030	-2.509	-1.149	0.760	2.783
1681	16.80	4.423	5.219	4.838	3.132	0.161	-3.620	-8.386	-12.990	-17.022	-19.871
1691	16.90	-21.026	-20.177	-17.316	-12.796	-7.321	-1.833	2.683	5.431	6.014	4.542
1701	17.00	1.598	-1.930	-5.109	-7.216	-7.919	-7.315	-5.835	-4.056	-2.503	-1.510
1711	17.10	-1.172	-1.392	-1.977	-2.729	-3.485	-4.114	-4.482	-4.427	-3.774	-2.389
1721	17.20	-0.251	2.498	5.561	8.561	11.048	12.787	13.615	13.541	12.688	11.239
1731	17.30	9.404	7.498	5.509	3.963	3.013	2.799	3.294	4.269	5.334	6.048
1741	17.40	6.061	5.231	3.662	1.633	-0.538	-2.684	-4.625	-6.635	-8.825	-11.235
1751	17.50	-13.684	-15.768	-16.986	-16.936	-15.696	-12.904	-9.706	-6.585	-4.164	-2.735
1761	17.60	-2.393	-2.892	-3.876	-5.009	-6.066	-6.953	-7.661	-8.201	-8.570	-8.750
1771	17.70	-8.752	-8.640	-8.523	-8.497	-8.555	-8.522	-8.051	-6.710	-4.126	-0.149
1781	17.80	5.037	10.908	16.693	21.552	24.788	26.003	25.187	22.698	19.153	15.271
1791	17.90	11.697	8.852	6.850	5.483	4.293	2.717	0.265	-3.302	-7.858	-12.894
1801	18.00	-17.623	-21.178	-22.860	-22.362	-19.784	-15.797	-11.280	-7.181	-4.249	-2.869
1811	18.10	-3.013	-4.319	-6.243	-8.228	-9.825	-10.737	-10.782	-9.837	-7.789	-4.546
1821	18.20	-0.113	5.318	11.286	17.075	21.817	24.691	25.477	23.037	18.788	13.234
1831	18.30	7.486	2.682	-0.255	-0.783	1.178	5.267	10.763	16.713	22.076	25.875
1841	18.40	27.352	26.110	22.221	16.254	9.202	2.289	-3.295	-6.681	-7.526	-6.087
1851	18.50	-3.132	0.287	3.113	4.540	4.166	2.022	-1.515	-5.848	-10.304	-14.226
1861	18.60	-17.019	-18.291	-17.702	-15.230	-11.127	-5.959	-0.552	4.157	7.319	8.386
1871	18.70	7.249	4.642	0.141	-4.239	-8.079	-10.838	-12.327	-12.687	-12.281	-11.547
1881	18.80	-10.862	-10.502	-10.551	-11.000	-11.756	-12.484	-13.627	-14.415	-14.876	-14.858
1891	18.90	-14.268	-13.110	-11.505	-9.690	-7.968	-6.649	-5.973	-6.056	-6.847	-8.138
1901	19.00	-9.571	-10.688	-10.995	-10.043	-7.527	-3.384	2.141	8.489	14.865	20.395
1911	19.10	24.331	26.230	26.059	24.177	21.199	17.806	14.550	11.761	9.543	7.865
1921	19.20	6.665	5.898	5.508	5.330	5.002	3.976	1.659	-2.325	-7.862	-14.191
1931	19.30	-19.965	-23.561	-23.561	-19.229	-10.831	0.348	12.295	22.774	29.890	32.523
1941	19.40	30.527	24.668	16.861	7.312	-0.829	-6.736	-9.563	-9.033	-5.423	0.503
1951	19.50	7.621	14.642	20.338	23.758	24.380	22.167	17.510	11.106	3.801	-3.514
1961	19.60	-9.997	-14.894	-17.586	-17.661	-15.011	-9.921	-3.083	4.470	11.553	17.058
1971	19.70	20.179	20.555	18.305	13.956	8.301	2.259	-3.262	-7.663	-9.755	-9.860
1981	19.80	-7.797	-4.105	0.401	4.697	7.804	9.048	8.251	5.785	2.462	-0.701
1991	19.90	-2.768	-3.126	-1.627	1.413	5.314	9.206	12.209	13.610	12.993	10.329

Table 7—14—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	6.004	0.757	-4.472	-8.767	-11.488	-12.468	-12.061	-11.031	-10.278	-10.503
2011	20.10	-11.945	-14.273	-16.700	-18.273	-18.225	-16.263	-12.686	-8.285	-4.075	-0.972
2021	20.20	2.086	0.269	-1.190	-3.176	-4.946	-5.949	-5.967	-5.126	-3.802	-2.454
2031	20.30	-1.448	-0.928	-0.765	-0.610	-0.025	1.336	3.566	6.411	9.293	11.447
2041	20.40	12.137	10.902	7.727	3.097	-2.103	-6.821	-10.137	-11.538	-11.075	-9.360
2051	20.50	-7.378	-6.181	-6.540	-8.676	-12.156	-15.993	-18.922	-19.788	-17.895	-13.231
2061	20.60	-6.472	1.219	8.531	14.372	18.126	19.743	19.635	18.456	16.866	15.246
2071	20.70	13.834	12.562	11.275	9.809	8.058	5.970	3.524	0.706	-2.480	-5.970
2081	20.80	-9.596	-13.081	-16.073	-18.238	-19.353	-19.371	-18.425	-16.782	-14.763	-12.677
2091	20.90	-10.785	-9.297	-8.388	-8.195	-8.797	-10.177	-12.191	-14.563	-16.931	-18.898
2101	21.00	-20.101	-20.242	-19.101	-16.542	-12.565	-7.273	-1.169	5.096	10.472	13.909
2111	21.10	14.528	11.933	6.414	-1.037	-8.925	-15.611	-19.719	-20.461	-17.768	-12.228
2121	21.20	-4.869	3.115	10.591	16.629	20.555	21.978	20.819	17.369	12.227	6.455
2131	21.30	1.223	-2.345	-3.498	-2.056	1.353	5.726	9.682	12.000	11.932	9.397
2141	21.40	6.980	-0.255	-5.066	-8.354	-9.422	-8.108	-4.791	-0.262	4.483	8.492
2151	21.50	11.084	11.993	11.401	9.844	8.017	6.563	5.794	5.805	6.336	7.024
2161	21.60	7.564	7.837	7.925	8.018	8.261	8.632	8.905	8.762	7.851	6.153
2171	21.70	3.876	1.517	-0.293	-0.981	-0.191	2.229	5.743	10.208	14.970	19.443
2181	21.80	23.060	25.316	25.821	24.388	21.120	16.455	11.120	5.982	1.827	-0.853
2191	21.90	-1.990	-1.919	-1.227	-0.517	-0.201	-0.387	-0.918	-1.505	-1.904	-2.032
2201	22.00	-1.994	-1.998	-2.232	-2.769	-3.565	-4.413	-5.243	-5.996	-6.716	-7.477
2211	22.10	-8.256	-8.857	-8.939	-8.112	-6.119	-2.999	0.846	4.718	7.819	9.497
2221	22.20	9.457	7.847	5.192	2.202	-0.472	-2.429	-3.590	-4.129	-4.297	-4.231
2231	22.30	-3.824	-2.728	-0.495	3.213	8.385	14.579	20.957	26.501	30.304	31.856
2241	22.40	31.181	28.822	25.610	22.371	19.640	17.512	15.686	13.653	10.971	7.476
2251	22.50	3.359	-0.921	-4.852	-8.093	-10.625	-12.745	-14.928	-17.612	-21.010	-25.019
2261	22.60	-29.254	-33.181	-36.273	-38.141	-38.575	-37.538	-35.124	-31.529	-27.053	-22.115
2271	22.70	-17.245	-13.023	-9.969	-8.412	-8.387	-9.624	-11.619	-13.773	-15.542	-16.537
2281	22.80	-16.554	-15.540	-13.549	-10.705	-7.223	-3.439	0.178	3.085	4.792	5.025
2291	22.90	3.865	1.775	-0.506	-2.184	-2.664	-1.750	0.299	2.869	5.206	6.673
2301	23.00	6.952	6.116	4.592	3.008	2.015	2.118	3.569	6.318	10.021	14.100
2311	23.10	17.831	20.468	21.375	20.157	16.754	11.466	4.910	-2.096	-8.682	-14.069
2321	23.20	-17.680	-19.199	-18.594	-16.100	-12.195	-7.551	-2.954	0.803	3.067	3.469
2331	23.30	2.013	-0.907	-4.602	-8.259	-11.148	-12.789	-13.031	-12.030	-10.138	-7.764
2341	23.40	-5.256	-2.837	-0.611	1.389	3.148	4.629	5.778	6.536	6.867	6.771
2351	23.50	6.278	5.434	4.290	2.906	1.371	-0.180	-1.559	-2.546	-2.940	-2.616
2361	23.60	-1.578	0.018	1.883	3.655	4.977	5.583	5.366	4.306	2.629	0.582
2371	23.70	-1.549	-3.498	-5.046	-6.021	-6.292	-5.764	-4.389	-2.202	0.665	3.863
2381	23.80	7.062	9.716	11.455	11.958	11.111	8.993	5.828	1.914	-2.438	-6.913
2391	23.90	-11.165	-14.766	-17.189	-17.853	-16.251	-12.130	-5.643	2.579	11.499	19.885
2401	24.00	26.588	30.816	32.308	31.344	28.615	24.982	21.241	17.939	15.314	13.334
2411	24.10	11.813	10.535	9.343	8.166	6.996	5.833	4.659	3.328	1.795	-0.018
2421	24.20	-2.054	-4.139	-5.901	-6.936	-6.881	-5.553	-3.061	0.175	3.488	6.126
2431	24.30	7.456	7.152	5.292	2.339	-1.006	-4.006	-6.097	-7.016	-6.821	-5.802
2441	24.40	-4.340	-2.765	-1.276	0.058	1.228	2.254	3.023	3.382	3.132	2.115
2451	24.50	0.289	-2.215	-5.089	-7.874	-10.037	-11.069	-10.603	-8.536	-5.110	-0.928
2461	24.60	3.120	6.036	6.965	5.439	1.551	-4.035	-10.228	-15.809	-19.759	-21.524
2471	24.70	-21.123	-19.067	-16.125	-13.038	-10.291	-8.013	-6.046	-4.111	-2.012	0.236
2481	24.80	2.397	4.114	5.080	5.195	4.636	3.817	3.261	3.418	4.525	6.527
2491	24.90	9.106	11.778	14.041	15.506	15.990	15.544	14.415	12.970	11.576	10.501

Table 7—14—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1161 712-GR-1-8 (HD. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	9.833	9.444	9.030	8.199	6.601	4.055	0.659	-3.305	-7.253	-10.641
2511	25.10	-13.030	-14.230	-14.336	-13.679	-12.694	-11.787	-11.223	-11.101	-11.386	-11.971
2521	25.20	-12.765	-13.692	-14.678	-15.595	-16.250	-16.386	-15.767	-14.264	-11.925	-8.975
2531	25.30	-5.738	-2.520	0.506	3.344	6.132	9.021	12.046	15.034	17.613	19.310
2541	25.40	19.710	18.599	16.043	12.373	8.092	3.757	-0.127	-3.169	-5.100	-5.770
2551	25.50	-5.150	-3.343	-0.612	2.631	5.869	8.576	10.327	10.896	10.283	8.678
2561	25.60	6.380	3.702	0.913	-1.770	-4.162	-6.094	-7.422	-8.090	-8.190	-7.994
2571	25.70	-7.914	-8.362	-9.619	-11.602	-13.987	-16.079	-17.197	-16.824	-14.797	-11.358
2581	25.80	-7.050	-2.520	1.689	5.279	8.207	10.581	12.510	13.995	14.792	14.686
2591	25.90	13.432	11.003	7.657	3.916	0.462	-2.044	-3.120	-2.589	-0.609	2.361
2601	26.00	5.668	8.594	10.498	10.938	9.768	7.175	3.663	-0.037	-3.121	-4.895
2611	26.10	-4.943	-3.236	-0.144	3.667	7.409	10.381	12.332	12.546	11.809	10.294
2621	26.20	8.405	6.434	4.500	2.566	0.524	-1.684	-3.994	-6.201	-8.023	-9.210
2631	26.30	-9.651	-9.430	-8.794	-8.061	-7.490	-7.183	-7.047	-6.856	-6.364	-5.422
2641	26.40	-4.058	-2.468	-0.931	0.306	1.128	1.583	1.841	2.096	2.476	2.987
2651	26.50	3.539	4.015	4.346	4.548	4.697	4.838	4.904	4.665	3.777	1.898
2661	26.60	-1.154	-5.285	-10.094	-14.958	-19.194	-22.249	-23.828	-23.932	-22.793	-20.752
2671	26.70	-18.137	-15.189	-12.057	-8.849	-5.682	-2.719	-0.140	1.907	3.368	4.306
2681	26.80	4.880	5.276	5.633	5.987	6.273	6.373	6.192	5.718	5.055	4.389
2691	26.90	3.930	3.831	4.131	4.742	5.479	6.125	6.501	6.522	6.221	5.724
2701	27.00	5.199	4.781	4.514	4.318	4.001	3.321	2.072	0.179	-2.241	-4.871
2711	27.10	-7.261	-8.931	-9.508	-8.822	-6.958	-4.221	-1.047	2.105	4.857	6.962
2721	27.20	6.298	8.828	8.541	7.421	5.457	2.691	-0.727	-4.486	-8.118	-11.064
2731	27.30	-12.778	-12.867	-11.201	-7.978	-3.705	0.904	5.090	8.226	9.970	10.343
2741	27.40	9.709	8.656	7.823	7.701	8.494	10.065	11.985	13.684	14.625	14.683
2751	27.50	13.230	11.144	8.703	6.440	4.778	3.920	3.807	4.167	4.612	4.765
2761	27.60	4.361	3.303	1.661	-0.373	-2.545	-4.597	-6.297	-7.452	-7.907	-7.552
2771	27.70	-6.552	-4.385	-1.883	0.766	3.071	4.548	4.857	3.934	2.046	-0.250
2781	27.80	-2.249	-3.311	-3.056	-1.497	0.961	3.640	5.793	6.819	6.419	4.641
2791	27.90	1.818	-1.564	-5.021	-8.173	-10.785	-12.742	-13.989	-14.478	-14.151	-12.963
2801	28.00	-10.936	-8.204	-5.027	-1.765	1.188	3.487	4.908	5.393	5.050	4.122
2811	28.10	2.925	1.778	0.948	0.600	0.782	1.426	2.369	3.395	4.269	4.782
2821	28.20	4.775	4.161	2.929	1.151	-1.033	-3.424	-5.781	-7.846	-9.376	-10.174
2831	28.30	-10.124	-9.223	-7.588	-5.459	-3.165	-1.079	0.447	1.154	0.929	-0.164
2841	28.40	-1.890	-3.891	-5.764	-7.148	-7.799	-7.642	-6.776	-5.446	-3.988	-2.765
2851	28.50	-2.093	-2.181	-3.078	-4.635	-6.500	-8.160	-9.034	-8.612	-6.610	-3.096
2861	28.60	1.479	6.348	10.614	13.488	14.506	13.661	11.386	8.402	5.488	3.254
2871	28.70	1.982	1.602	1.781	2.081	2.124	1.707	0.857	-0.298	-1.407	-1.317
2881	28.80	-2.328	-1.705	-0.269	1.853	4.374	6.874	8.873	9.933	9.766	8.317
2891	28.90	5.777	2.532	-0.943	-4.199	-6.898	-8.839	-9.930	-10.134	-9.443	-7.873
2901	29.00	-5.519	-2.599	0.520	3.367	5.468	6.473	6.261	4.971	2.966	0.621
2911	29.10	-1.613	-3.500	-4.953	-6.007	-6.750	-7.252	-7.536	-7.591	-7.399	-6.963
2921	29.20	-6.291	-5.364	-4.094	-2.319	0.148	3.415	7.609	11.802	16.038	19.442
2931	29.30	21.395	21.508	19.726	16.335	11.858	6.910	2.054	-2.281	-5.801	-8.302
2941	29.40	-9.621	-9.636	-8.318	-5.824	-2.564	0.815	3.537	4.899	4.471	2.243
2951	29.50	-1.366	-5.619	-9.675	-12.798	-14.511	-14.638	-13.253	-10.579	-6.909	-2.574
2961	29.60	2.038	6.461	10.165	12.645	13.562	12.886	10.954	8.418	6.065	4.577
2971	29.70	4.321	5.237	6.890	8.637	9.856	10.141	9.395	7.809	5.742	3.567
2981	29.80	1.559	-0.165	-1.625	-2.912	-4.114	-5.249	-6.246	-6.952	-7.170	-6.729
2991	29.90	-5.555	-3.740	-1.575	0.477	1.886	2.208	1.257	-0.783	-3.360	-5.690

Table 7—14—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EHB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-6.999	-6.781	-4.982	-2.025	1.329	4.241	6.062	6.514	5.719	4.086
3011	30.10	2.113	0.213	-1.383	-2.608	-3.474	-3.981	-4.080	-3.707	-2.863	-1.679
3021	30.20	-0.419	0.602	1.138	1.117	0.673	0.078	-0.396	-0.610	-0.641	-0.742
3031	30.30	-1.231	-2.336	-4.075	-6.234	-8.422	-10.205	-11.229	-11.308	-10.445	-8.802
3041	30.40	-6.646	-4.311	-2.158	-0.550	0.197	-0.117	-1.496	-3.706	-6.292	-8.669
3051	30.50	-10.281	-10.744	-9.941	-8.029	-5.339	-2.251	0.925	3.992	6.828	9.292
3061	30.60	11.150	12.054	11.624	9.587	5.920	0.961	-4.724	-10.275	-14.938	-18.150
3071	30.70	-19.671	-19.589	-18.224	-15.922	-13.222	-10.187	-7.000	-3.726	-0.445	2.691
3081	30.80	5.463	7.628	9.000	9.523	9.317	8.664	7.953	7.583	7.865	8.949
3091	30.90	10.779	13.114	15.583	17.767	19.288	19.883	19.438	18.000	15.752	12.972
3101	31.00	9.987	7.129	4.685	2.866	1.770	1.365	1.493	1.903	2.303	2.436
3111	31.10	2.148	1.431	0.429	-0.590	-1.310	-1.439	-0.787	0.683	2.834	5.372
3121	31.20	7.889	9.938	11.125	11.195	10.107	8.055	5.435	2.742	0.435	-1.198
3131	31.30	-2.127	-2.577	-2.988	-3.696	-4.816	-6.533	-8.632	-10.020	-10.794	-10.447
3141	31.40	-8.999	-6.833	-4.591	-2.995	-2.617	-3.700	-6.062	-9.141	-12.138	-14.242
3151	31.50	-14.858	-13.774	-11.214	-7.768	-4.217	-1.301	0.488	1.019	0.522	-0.536
3161	31.60	-1.633	-2.399	-2.707	-2.685	-2.604	-2.725	-3.147	-3.738	-4.162	-4.005
3171	31.70	-2.923	-0.777	2.296	5.905	9.491	12.447	14.246	14.538	13.220	10.459
3181	31.80	6.678	2.491	-1.410	-4.399	-6.067	-6.350	-5.457	-3.996	-2.608	-1.875
3191	31.90	-2.134	-3.401	-5.399	-7.684	-9.787	-11.352	-12.186	-12.262	-11.659	-10.504
3201	32.00	-8.943	-7.120	-5.180	-3.251	-1.416	0.322	2.047	3.893	5.953	8.192
3211	32.10	10.391	12.189	13.205	13.217	12.302	10.878	9.592	9.103	9.815	11.701
3221	32.20	14.265	16.697	18.136	17.963	15.996	12.528	8.200	3.778	-0.083	-2.984
3231	32.30	-4.816	-5.684	-5.780	-5.274	-4.262	-2.791	-0.917	1.228	3.408	5.302
3241	32.40	6.571	6.933	6.235	4.484	1.852	-1.356	-4.753	-7.933	-10.531	-12.288
3251	32.50	-13.088	-12.982	-12.184	-11.027	-9.902	-9.185	-9.158	-9.950	-11.509	-13.591
3261	32.60	-15.799	-17.643	-18.631	-18.368	-16.854	-13.553	-9.356	-4.630	-0.913	3.876
3271	32.70	6.573	7.860	7.990	6.459	4.865	2.905	1.185	0.010	-0.445	-0.128
3281	32.80	0.912	2.550	4.604	6.862	9.009	10.865	12.115	12.647	12.359	11.266
3291	32.90	9.483	7.202	4.658	2.102	-0.225	-2.115	-3.397	-3.946	-3.697	-2.664
3301	33.00	-0.957	1.195	3.452	5.404	6.647	6.880	6.003	4.168	1.765	-0.662
3311	33.10	-2.566	-3.543	-3.650	-2.431	-0.861	0.781	2.062	2.705	2.636	1.958
3321	33.20	0.881	-0.361	-1.566	-2.582	-3.297	-3.633	-3.538	-3.008	-2.101	-0.936
3331	33.30	0.339	1.502	2.806	3.993	5.256	6.454	8.155	9.490	10.398	10.530
3341	33.40	9.692	7.935	5.573	3.100	1.021	-0.326	-0.897	-0.946	-0.930	-1.325
3351	33.50	-2.447	-4.336	-6.738	-9.187	-11.149	-12.175	-12.014	-10.670	-8.380	-5.560
3361	33.60	-2.706	-0.297	1.300	1.897	1.517	0.375	-1.178	-2.748	-3.998	-4.708
3371	33.70	-4.812	-4.366	-3.506	-2.400	-1.213	-0.113	0.719	1.093	0.842	-0.130
3381	33.80	-1.777	-3.895	-6.150	-8.163	-9.629	-10.401	-10.512	-10.123	-9.415	-8.494
3391	33.90	-7.345	-5.883	-4.056	-1.963	0.088	1.637	2.218	1.558	-0.274	-2.824
3401	34.00	-5.365	-7.112	-7.481	-6.274	-3.731	-0.440	2.875	5.584	7.324	8.057
3411	34.10	8.015	7.559	7.026	6.624	6.405	6.310	6.263	6.244	6.323	6.640
3421	34.20	7.330	8.440	9.869	11.367	12.587	13.181	12.908	11.713	9.757	7.378
3431	34.30	5.005	3.048	1.795	1.355	1.642	2.419	3.364	4.145	4.494	4.239
3441	34.40	3.330	1.828	-0.113	-2.275	-4.415	-6.306	-7.771	-8.705	-9.087	-8.959
3451	34.50	-8.401	-7.495	-6.310	-4.903	-3.337	-1.714	-0.187	1.047	1.792	1.913
3461	34.60	1.391	0.369	-0.964	-2.234	-3.164	-3.556	-3.357	-2.662	-1.669	-0.617
3471	34.70	0.277	0.864	1.069	0.880	0.525	-0.550	-1.676	-2.944	-4.191	-5.194
3481	34.80	-5.693	-5.454	-4.337	-2.362	0.258	3.140	5.812	7.820	8.851	8.809
3491	34.90	7.855	6.264	4.522	3.023	2.069	1.809	2.236	3.230	4.601	6.131

Table 7—14—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EHB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.596	8.768	9.430	9.403	8.589	7.017	4.869	2.458	0.168	-1.644
3511	35.10	-2.742	-3.068	-2.743	-2.013	-1.157	-0.400	0.140	0.458	0.629	0.740
3521	35.20	0.845	0.931	0.928	0.736	0.264	-0.536	-1.646	-2.981	-4.400	-5.726
3531	35.30	-6.781	-7.416	-7.566	-7.174	-6.383	-5.313	-4.113	-2.885	-1.658	-0.385
3541	35.40	1.008	2.561	4.211	5.777	6.984	7.549	7.282	6.173	4.418	2.377
3551	35.50	0.473	-0.929	-1.633	-1.650	-1.179	-0.529	-0.020	0.110	-0.243	-1.047
3561	35.60	-2.158	-3.374	-4.482	-5.307	-5.734	-5.736	-5.375	-4.792	-4.180	-3.738
3571	35.70	-3.612	-3.854	-4.402	-5.096	-5.739	-6.165	-6.296	-6.171	-5.923	-5.721
3581	35.80	-5.709	-5.946	-6.402	-6.976	-7.543	-7.997	-8.278	-8.361	-8.245	-7.926
3591	35.90	-7.404	-6.701	-5.882	-5.068	-4.411	-4.042	-4.014	-4.262	-4.615	-4.857
3601	36.00	-4.822	-4.469	-3.913	-3.383	-3.120	-3.273	-3.821	-4.569	-5.229	-5.529
3611	36.10	-5.327	-4.659	-3.708	-2.713	-1.860	-1.204	-0.660	-0.064	0.735	1.789
3621	36.20	3.016	4.234	5.234	5.866	6.094	5.994	5.707	5.365	5.036	4.689
3631	36.30	4.241	3.591	2.695	1.599	0.452	-0.536	-1.144	-1.207	-0.665	0.424
3641	36.40	1.891	3.500	5.005	6.206	6.991	7.353	7.375	7.195	6.968	6.822
3651	36.50	6.847	7.097	7.599	8.362	9.376	10.600	11.944	13.276	14.441	15.305
3661	36.60	15.800	15.941	15.810	15.505	15.078	14.493	13.634	12.367	10.629	8.510
3671	36.70	6.270	4.264	2.988	2.609	3.241	4.709	6.676	8.742	10.570	11.953
3681	36.80	12.823	13.196	13.102	12.541	11.677	9.888	7.824	5.450	3.027	0.846
3691	36.90	-0.868	-2.041	-2.787	-3.373	-4.125	-5.319	-7.082	-9.346	-11.866	-14.292
3701	37.00	-16.268	-17.524	-17.931	-17.526	-16.479	-15.046	-13.503	-12.099	-11.017	-10.364
3711	37.10	-10.160	-10.340	-10.756	-11.177	-11.318	-10.879	-9.629	-7.685	-4.582	-1.270
3721	37.20	1.859	4.305	5.632	5.714	4.765	3.272	1.813	0.860	0.513	0.656
3731	37.30	0.858	0.694	-0.056	-1.267	-2.489	-3.127	-2.695	-1.048	1.531	4.108
3741	37.40	6.820	8.107	8.807	8.727	8.485	7.864	-0.693	-2.914	-4.702	-6.056
3751	37.50	-6.990	-7.497	-7.576	-7.305	-6.890	-6.645	-6.894	-7.830	-9.407	-11.327
3761	37.60	-13.139	-14.416	-14.917	-14.672	-13.930	-13.008	-12.105	-11.196	-10.039	-8.315
3771	37.70	-5.824	-2.640	0.855	4.079	6.459	7.644	7.631	6.754	5.539	4.494
3781	37.80	3.934	3.891	4.154	4.399	4.500	3.734	2.730	1.486	0.269	-0.671
3791	37.90	-1.177	-1.216	-0.883	-0.369	0.087	0.260	-0.001	-0.719	-1.777	-2.945
3801	38.00	-3.954	-4.593	-4.784	-4.604	-4.242	-3.902	-3.700	-3.604	-3.456	-3.062
3811	38.10	-2.306	-1.238	-0.071	0.900	1.442	1.496	1.223	0.934	0.951	1.455
3821	38.20	2.401	3.539	4.538	5.149	5.330	5.267	5.295	5.734	6.747	8.258
3831	38.30	9.986	11.564	12.682	13.196	13.153	12.732	12.144	11.536	10.949	10.340
3841	38.40	9.634	8.784	7.787	6.675	5.468	4.150	2.665	0.962	-0.951	-2.966
3851	38.50	-4.883	-6.466	-7.518	-7.966	-7.887	-7.480	-6.996	-6.636	-6.484	-6.485
3861	38.60	-6.474	-6.253	-5.668	-4.667	-3.312	-1.751	-0.163	1.294	2.526	3.506
3871	38.70	4.257	4.824	5.251	5.569	5.803	5.984	6.155	6.357	6.607	6.870
3881	38.80	7.047	6.994	6.687	6.291	5.868	5.588	1.219	-0.077	-1.059	-1.694
3891	38.90	-2.151	-2.675	-3.468	-4.579	-5.850	-6.962	-7.544	-7.326	-6.254	-4.525
3901	39.00	-2.523	-0.685	0.647	1.329	1.431	1.176	0.828	0.588	0.533	0.624
3911	39.10	0.748	0.785	0.656	0.339	-0.133	-0.689	-1.226	-1.619	-1.729	-1.436
3921	39.20	-0.691	0.437	1.738	2.895	3.582	3.579	2.882	1.729	0.543	-0.221
3931	39.30	-0.239	0.545	1.392	3.364	4.392	4.654	3.999	2.579	0.755	-1.032
3941	39.40	-2.407	-3.167	-3.209	-2.688	-1.750	-0.566	0.719	1.985	3.125	4.022
3951	39.50	4.558	4.636	4.211	3.520	2.086	0.702	-0.416	-1.670	-2.334	-2.582
3961	39.60	-2.489	-2.218	-1.978	-1.971	-2.346	-3.168	-4.413	-5.986	-7.760	-9.614
3971	39.70	-11.448	-13.188	-14.756	-16.048	-16.929	-17.243	-16.864	-15.747	-13.963	-11.709
3981	39.80	-9.259	-6.902	-4.859	-3.235	-2.006	-1.045	-0.190	0.699	1.688	2.759
3991	39.90	3.824	4.762	5.458	5.841	5.897	5.668	5.235	4.692	4.121	3.569

Table 7—14—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.050	2.554	2.068	1.608	1.223	0.984	0.961	1.168	1.545	1.969
4011	40.10	2.193	2.107	1.603	0.717	-0.396	-1.508	-2.390	-2.875	-2.892	-2.460
4021	40.20	-1.663	-0.605	0.604	1.845	2.981	3.867	4.277	4.155	3.473	2.369
4031	40.30	1.109	0.021	-0.610	-0.635	-0.089	0.835	1.866	2.755	3.381	3.756
4041	40.40	4.004	4.286	4.715	5.315	6.017	6.704	7.265	7.640	7.833	7.892
4051	40.50	7.877	7.825	7.737	7.581	7.317	6.920	6.405	5.834	5.310	4.959
4061	40.60	4.891	5.163	5.747	6.514	7.257	7.753	7.831	7.448	6.711	5.845
4071	40.70	5.101	4.646	4.463	4.350	3.965	2.965	1.151	-1.436	-4.501	-7.579
4081	40.80	-10.174	-11.909	-12.620	-12.385	-11.467	-10.231	-9.066	-8.225	-7.986	-8.448
4091	40.90	-9.616	-11.386	-13.538	-15.766	-17.720	-19.081	-19.624	-19.265	-18.051	-16.126
4101	41.00	-13.663	-10.828	-7.761	-4.599	-1.502	1.335	3.715	5.498	6.658	7.318
4111	41.10	7.718	8.142	8.811	9.813	11.076	12.408	13.572	14.370	14.679	14.466
4121	41.20	13.755	12.598	11.068	9.266	7.340	5.489	3.924	2.820	2.252	2.174
4131	41.30	2.440	2.866	3.301	3.671	3.969	4.212	4.374	4.359	4.020	3.224
4141	41.40	1.926	0.212	-1.725	-3.660	-5.427	-6.982	-8.393	-9.768	-11.151	-12.462
4151	41.50	-13.490	-13.980	-13.758	-12.837	-11.447	-9.975	-8.831	-8.298	-8.430	-9.060
4161	41.60	-9.770	-10.218	-10.059	-9.531	-7.447	-5.176	-2.579	0.036	2.369	4.155
4171	41.70	5.207	5.446	4.931	3.853	2.502	1.198	0.210	-0.305	-0.326	0.055
4181	41.80	0.689	1.425	2.147	2.780	3.271	3.566	3.604	3.336	2.749	1.893
4191	41.90	0.878	-0.146	-1.037	-1.687	-2.037	-2.071	-1.792	-1.207	-0.334	0.778
4201	42.00	2.030	3.268	4.317	5.026	5.323	5.241	4.895	4.427	3.942	3.458
4211	42.10	2.915	2.223	1.333	0.294	-0.743	-1.576	-2.037	-2.076	-1.789	-1.386
4221	42.20	-1.107	-1.112	-1.418	-1.891	-2.305	-2.441	-2.180	-1.546	-0.679	0.226
4231	42.30	1.016	1.629	2.103	2.533	3.001	3.518	4.009	4.343	4.393	4.095
4241	42.40	3.480	2.661	1.789	0.997	0.369	-0.062	-0.279	-0.252	0.083	0.802
4251	42.50	1.938	3.427	5.076	6.590	7.644	7.988	7.542	6.423	4.913	3.361
4261	42.60	2.063	1.180	0.708	0.527	0.492	0.512	0.600	0.844	1.341	2.112
4271	42.70	3.055	3.952	4.544	4.627	4.130	3.146	1.889	0.615	-0.471	-1.273
4281	42.80	-1.809	-2.161	-2.416	-2.611	-2.723	-2.702	-2.524	-2.241	-1.983	-1.929
4291	42.90	-2.232	-2.950	-4.008	-5.206	-6.278	-6.984	-7.182	-6.881	-6.225	-5.442
4301	43.00	-4.763	-4.348	-4.246	-4.396	-4.672	-4.937	-5.094	-5.109	-4.998	-4.789
4311	43.10	-4.485	-4.037	-3.357	-2.348	-0.960	0.769	2.706	4.638	6.331	7.586
4321	43.20	8.287	8.422	8.069	7.358	6.430	5.403	4.352	3.311	2.275	1.219
4331	43.30	0.105	-1.100	-2.410	-3.800	-5.197	-6.479	-7.503	-8.136	-8.304	-8.022
4341	43.40	-7.395	-6.593	-5.809	-5.162	-4.747	-4.543	-4.479	-4.460	-4.408	-4.272
4351	43.50	-4.033	-3.683	-3.212	-2.601	-1.828	-0.876	0.251	1.531	2.924	4.373
4361	43.60	5.808	7.135	8.233	8.967	9.215	8.918	8.122	6.998	5.823	4.915
4371	43.70	4.548	4.871	5.861	7.332	8.980	10.472	11.516	11.920	11.609	10.627
4381	43.80	9.113	7.277	5.372	3.658	2.357	1.599	1.382	1.561	1.876	2.032
4391	43.90	1.779	0.999	-0.266	-1.839	-3.470	-4.927	-6.053	-6.793	-7.164	-7.218
4401	44.00	-6.995	-6.513	-5.790	-4.885	-3.921	-3.089	-2.605	-2.647	-3.287	-4.460
4411	44.10	-5.960	-7.192	-8.740	-9.433	-9.408	-8.631	-7.199	-5.319	-3.264	-1.329
4421	44.20	0.225	1.209	1.538	1.230	0.390	-0.825	-2.240	-3.682	-4.983	-5.974
4431	44.30	-6.482	-6.352	-5.489	-3.913	-1.795	0.550	2.725	4.357	5.201	5.213
4441	44.40	4.550	3.496	2.360	1.371	0.629	0.131	-0.166	-0.263	-0.092	0.456
4451	44.50	1.453	2.845	4.412	5.802	6.667	6.707	5.982	4.737	3.422	2.519
4461	44.60	2.368	3.047	4.351	5.871	7.135	7.757	7.541	6.503	4.832	2.801
4471	44.70	0.689	-1.277	-2.962	-4.220	-5.078	-5.533	-5.666	-5.519	-5.280	-5.054
4481	44.80	-4.924	-4.906	-4.939	-4.914	-4.715	-4.266	-3.565	-2.687	-1.760	-0.925
4491	44.90	-0.292	0.086	0.218	0.168	0.027	-0.115	-0.187	-0.153	-0.012	0.196

Table 7—14—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1161 712-GR-1-8 HB. (HB.) EDOGAWA EMB. MAX. ACC. = -38.575 (GAL) T= 22.65 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.407	0.549	0.556	0.395	0.077	-0.337	-0.745	-1.029	-1.090	-0.875
4511	45.10	-0.400	0.240	0.894	1.381	1.542	1.281	0.597	-0.402	-1.527	-2.551
4521	45.20	-3.273	-3.578	-3.463	-3.038	-2.478	-1.962	-1.615	-1.478	-1.517	-1.665
4531	45.30	-1.880	-2.177	-2.630	-3.341	-4.379	-5.733	-7.294	-8.882	-10.289	-11.340
4541	45.40	-11.919	-11.969	-11.469	-10.408	-8.778	-6.599	-3.960	-1.049	1.858	4.448
4551	45.50	6.460	7.757	8.370	8.462	8.251	7.912	7.519	7.043	6.424	5.654
4561	45.60	4.849	4.238	4.088	4.575	5.679	7.152	8.580	9.526	9.692	9.028
4571	45.70	7.741	6.213	4.845	3.917	3.512	3.531	3.773	4.050	4.262	4.419
4581	45.80	4.595	4.862	5.237	5.666	6.062	6.354	6.533	6.669	6.837	7.103
4591	45.90	7.449	7.765	7.880	7.617	6.861	5.597	3.930	2.059	0.234	-1.294
4601	46.00	-2.320	-2.728	-2.518	-1.817	-0.870	0.008	0.497	0.365	-0.465	-1.882
4611	46.10	-3.614	-5.300	-6.605	-7.318	-7.402	-6.990	-6.320	-5.666	-5.155	-4.919
4621	46.20	-4.905	-5.017	-5.156	-5.270	-5.376	-5.550	-5.896	-6.497	-7.374	-8.462
4631	46.30	-9.611	-10.603	-11.210	-11.254	-10.663	-9.513	-8.014	-6.460	-5.131	-4.196
4641	46.40	-3.651	-3.311	-2.888	-2.098	-0.787	0.993	2.992	4.845	6.201	6.868
4651	46.50	6.782	6.196	5.400	4.703	4.317	4.305	4.601	5.065	5.560	6.005
4661	46.60	6.388	6.751	7.145	7.597	8.093	8.574	8.950	9.119	8.985	8.472
4671	46.70	7.546	6.237	4.644	2.938	1.335	0.042	-0.788	-1.101	-0.945	-0.444
4681	46.80	0.254	1.030	1.819	2.601	3.362	4.046	4.531	4.665	4.215	3.145
4691	46.90	1.470	-0.624	-2.839	-4.836	-6.323	-7.128	-7.217	-6.687	-5.706	-4.465
4701	47.00	-3.131	-1.829	-0.649	0.342	1.090	1.558	1.737	1.659	1.400	1.065
4711	47.10	0.752	0.525	0.382	0.258	0.048	-0.347	-0.976	-1.805	-2.719	-3.553
4721	47.20	-4.147	-4.405	-4.325	-3.998	-3.571	-3.183	-2.915	-2.759	-2.637	-2.551
4731	47.30	-2.186	-1.885	-1.726	-1.939	-2.725	-4.163	-6.152	-8.416	-10.561	-12.189
4741	47.40	-13.006	-12.901	-11.964	-10.454	-8.713	-7.080	-5.816	-5.072	-4.884	-5.199
4751	47.50	-5.916	-6.905	-8.026	-9.129	-10.048	-10.605	-10.619	-9.933	-8.459	-6.212
4761	47.60	-3.340	-0.124	3.055	5.787	7.721	8.652	8.576	7.697	6.380	5.059
4771	47.70	4.135	3.884	4.401	5.595	7.224	8.956	10.442	11.383	11.590	11.025
4781	47.80	9.811	8.215	6.593	5.297	4.573	4.491	4.913	5.546	6.050	6.166
4791	47.90	5.818	5.139	4.411	3.940	3.920	4.355	5.053	5.717	6.068	5.957
4801	48.00	5.419	4.631	3.831	3.213	2.863	2.750	2.768	2.800	2.756	2.586
4811	48.10	2.263	1.755	1.027	0.063	-1.101	-2.352	-3.526	-4.461	-5.065	-5.360
4821	48.20	-5.474	-5.574	-5.783	-6.114	-6.463	-6.671	-6.616	-6.293	-5.832	-5.439
4831	48.30	-5.298	-5.475	-5.882	-6.321	-6.583	-6.553	-6.258	-5.836	-5.440	-5.137
4841	48.40	-4.851	-4.400	-3.595	-2.370	-0.851	0.660	1.797	2.280	2.038	1.238
4851	48.50	0.216	-0.664	-1.148	-1.168	-0.827	-0.309	0.226	0.717	1.201	1.749
4861	48.60	2.389	3.051	3.576	3.780	3.540	2.860	1.871	0.791	-0.166	-0.851
4871	48.70	-1.213	-1.281	-1.113	-0.755	-0.222	0.490	1.369	2.362	3.376	4.304
4881	48.80	5.065	5.624	6.001	6.235	6.353	6.345	6.174	5.811	5.278	4.675
4891	48.90	4.168	3.939	4.114	4.709	5.608	6.587	7.386	7.783	7.655	6.997
4901	49.00	5.903	4.516	2.980	1.395	-0.178	-1.709	-3.162	-4.471	-5.535	-6.231
4911	49.10	-6.454	-6.151	-5.352	-4.181	-2.835	-1.539	-0.499	0.151	0.371	0.217
4921	49.20	-0.188	-0.694	-1.166	-1.510	-1.678	-1.654	-1.451	-1.093	-0.629	-0.161
4931	49.30	0.255	0.424	0.253	-0.297	-1.151	-2.111	-2.905	-3.261	-3.007	-2.131
4941	49.40	-0.803	0.689	2.029	2.990	3.498	3.639	3.603	3.583	3.682	3.868
4951	49.50	3.992	3.866	3.347	2.420	1.209					

Table 7—15—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1162 913-GR-1-5 HA. (HA.) AMATSU BRIDGE MAX. ACC. = 33.849 (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	0.0	-2.254	-1.763	-1.029	-0.242	0.440	0.979	1.481	2.119	2.998
11	0.10	4.035	4.929	5.268	4.737	3.326	1.418	-0.315	-1.179	-0.792	0.704
21	0.20	2.455	4.450	3.319	1.186	-1.035	-2.345	-2.124	-0.411	2.103	
31	0.30	4.400	5.585	5.281	3.753	1.734	0.049	-0.771	-0.695	-0.136	0.527
41	0.40	0.272	-0.356	-1.243	-1.903	-1.934	-1.210	0.094	1.627	3.045	4.142
51	0.50	4.864	5.219	5.177	4.641	3.516	1.860	-0.120	-1.898	-2.995	-3.100
61	0.60	-2.249	-0.827	0.618	1.662	2.116	2.259	2.464	3.014	3.857	4.577
71	0.70	4.591	3.487	1.305	-1.388	-3.707	-4.832	-4.388	-2.607	-0.205	1.969
81	0.80	3.324	3.754	3.578	3.267	3.102	2.995	2.562	1.423	-0.462	-2.631
91	0.90	-4.256	-4.528	-3.107	-0.375	2.657	4.782	5.157	3.716	1.223	-1.094
101	1.00	-2.126	-1.424	0.589	2.837	4.127	3.746	1.806	-0.818	-2.916	-3.541
111	1.10	-2.457	-0.239	2.021	3.247	2.889	1.171	-1.033	-2.616	-2.743	-1.219
121	1.20	1.456	4.321	6.378	6.963	6.056	4.043	1.664	-0.401	-1.757	-2.372
131	1.30	-2.482	-2.403	-2.339	-2.284	-2.062	-1.462	-0.402	0.959	2.226	2.899
141	1.40	2.581	1.171	-1.027	-3.360	-5.022	-5.349	-4.087	-1.535	1.518	4.039
151	1.50	5.115	4.283	1.714	-1.843	-5.323	-7.717	-8.413	-7.368	-5.063	-2.273
161	1.60	0.242	1.989	2.843	2.985	2.725	2.315	1.847	1.267	0.483	-0.502
171	1.70	-1.527	-2.306	-2.548	-2.112	-1.091	0.200	1.339	1.975	1.971	1.458
181	1.80	0.768	0.294	0.318	0.906	1.884	2.925	3.671	3.861	3.400	2.363
191	1.90	0.943	-0.612	-2.056	-3.177	-3.805	-3.831	-3.220	-2.046	-0.504	1.114
201	2.00	2.476	3.292	3.393	2.767	1.543	-0.063	-1.806	-3.447	-4.754	-5.481
211	2.10	-5.388	-4.294	-2.192	0.641	3.621	5.953	6.878	5.962	3.337	-0.268
221	2.20	-3.734	-5.950	-6.253	-4.715	-2.127	0.323	1.551	1.066	-0.913	-3.401
231	2.30	-5.280	-5.732	-4.639	-2.626	-0.752	0.016	-0.725	-2.596	-4.600	-5.584
241	2.40	-4.779	-2.176	1.435	4.784	6.635	6.290	3.847	0.133	-3.635	-6.315
251	2.50	-7.228	-6.333	-4.158	-1.550	0.638	1.810	1.761	0.687	-0.930	-2.482
261	2.60	-3.628	-3.463	-2.621	-1.295	-0.126	0.210	-0.724	-2.909	-5.795	-8.439
271	2.70	-9.828	-9.272	-6.716	-2.807	1.291	4.333	5.456	4.489	1.997	-0.987
281	2.80	-3.401	-4.583	-4.501	-3.701	-3.000	-3.088	-4.200	-6.014	-7.797	-8.721
291	2.90	-8.208	-6.163	-3.019	0.428	3.273	4.795	4.646	2.934	0.167	-2.890
301	3.00	-5.419	-6.762	-6.599	-5.048	-2.652	-0.219	1.448	1.851	1.023	-0.440
311	3.10	-1.589	-1.516	0.211	3.268	6.603	8.808	8.710	5.930	1.162	-3.996
321	3.20	-7.627	-8.275	-5.593	-0.548	4.909	8.617	9.085	6.119	0.897	-4.526
331	3.30	-8.074	-8.507	-5.888	-1.483	2.843	5.456	5.630	3.771	1.129	-0.845
341	3.40	-1.183	0.193	2.512	4.581	5.388	4.573	2.561	0.323	-1.103	-1.092
351	3.50	0.312	2.552	4.391	5.330	4.935	3.429	1.447	-0.260	-1.133	-0.987
361	3.60	-0.035	1.253	2.357	2.898	2.758	2.096	1.275	0.734	0.833	1.728
371	3.70	3.296	5.150	6.736	7.517	7.166	5.707	3.547	1.353	-0.165	-0.512
381	3.80	0.413	2.284	4.468	6.260	7.129	6.883	5.699	4.029	2.427	1.373
391	3.90	1.157	1.833	3.245	5.081	6.947	8.446	9.261	9.229	8.406	7.065
401	4.00	5.636	4.570	4.180	4.530	5.411	6.436	7.210	7.506	7.356	7.024
411	4.10	6.863	7.134	7.873	8.878	9.809	10.368	10.442	10.160	9.812	9.674
421	4.20	9.827	10.066	9.932	8.889	6.555	2.904	-1.647	-6.322	-10.198	-12.486
431	4.30	-12.779	-11.183	-8.290	-4.994	-2.220	-0.656	-0.569	-1.762	-3.680	-5.622
441	4.40	-6.970	-7.374	-6.819	-5.593	-4.159	-3.008	-2.532	-2.939	-4.222	-6.156
451	4.50	-8.326	-10.189	-11.187	-10.907	-9.248	-6.539	-3.514	-1.121	-0.199	-1.128
461	4.60	-3.622	-6.769	-9.357	-10.368	-9.326	-6.690	-3.491	-0.975	-0.036	-0.811
471	4.70	-2.669	-4.525	-5.401	-4.903	-3.403	-1.818	-1.114	-1.779	-3.546	-5.508
481	4.80	-6.573	-6.020	-3.881	-0.942	1.619	2.793	2.203	0.257	-2.074	-3.717
491	4.90	-3.968	-2.750	-0.562	1.818	3.684	4.641	4.637	3.836	2.442	0.616

Table 7—15—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1162 913-GR-1-5 HA. (HA.) AMATSU BRIDGE MAX. ACC. = 33.849 (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	-1.491	-3.649	-5.498	-6.633	-6.800	-6.088	-4.976	-4.163	-4.226	-5.273
511	5.10	-6.804	-7.880	-7.562	-5.417	-1.816	2.135	5.057	5.911	4.493	1.550
521	5.20	-1.566	-3.501	-3.527	-1.813	0.711	2.863	3.784	3.319	1.995	0.659
531	5.30	-0.023	0.082	0.544	0.678	-0.020	-1.539	-3.323	-4.552	-4.592	-3.367
541	5.40	-1.337	0.556	1.525	1.235	-0.016	-1.468	-2.284	-1.955	-0.520	1.500
551	5.50	3.396	4.629	5.059	4.951	4.763	4.851	5.259	5.688	5.659	4.771
561	5.60	2.911	0.334	-2.426	-4.756	-6.165	-6.430	-5.619	-4.031	-2.101	-0.290
571	5.70	0.999	1.490	1.094	-0.052	-1.593	-3.029	-3.853	-3.716	-2.557	-0.633
581	5.80	1.554	3.425	4.504	4.555	3.617	1.965	0.011	-1.783	-2.984	-3.251
591	5.90	-2.403	-0.499	2.102	4.760	6.694	7.238	6.114	3.609	0.541	-2.028
601	6.00	-3.213	-2.710	-0.952	1.052	2.171	1.675	-0.403	-3.260	-5.685	-6.624
611	6.10	-5.665	-3.216	-0.286	2.021	3.032	2.782	1.916	1.275	1.397	2.221
621	6.20	3.131	3.359	2.362	0.354	-1.931	-3.507	-3.675	-2.405	-0.372	1.380
631	6.30	1.979	1.162	-0.601	-2.387	-3.324	-3.059	-1.925	-0.716	-0.196	-0.609
641	6.40	-1.513	-1.969	-1.073	1.496	5.209	8.852	11.067	11.005	8.739	5.244
651	6.50	1.927	-0.053	-0.316	0.598	1.571	1.533	0.057	-2.393	-4.694	-5.647
661	6.60	-4.628	-1.959	1.183	3.301	3.278	0.933	-2.861	-6.534	-8.498	-7.826
671	6.70	-4.642	-0.048	4.348	7.084	7.375	5.329	1.785	-2.099	-5.313	-7.285
681	6.80	-7.933	-7.483	-6.218	-4.291	-1.713	1.517	5.222	8.941	11.986	13.657
691	6.90	13.520	11.619	8.498	5.023	2.064	0.184	-0.545	-0.511	-0.336	-0.580
701	7.00	-1.486	-2.901	-4.376	-5.397	-5.625	-5.024	-3.839	-2.430	-1.083	0.118
711	7.10	1.278	2.546	3.942	5.236	5.981	5.703	4.185	1.469	-1.721	-4.547
721	7.20	-6.173	-6.123	-4.458	-1.731	1.260	3.824	5.639	6.831	7.817	8.999
731	7.30	10.467	11.873	12.548	11.836	9.470	5.821	1.860	-1.176	-2.286	-1.168
741	7.40	1.585	4.661	6.528	6.065	3.043	-1.734	-6.719	-10.222	-11.065	-9.023
751	7.50	-4.867	-0.610	4.093	6.493	7.038	6.280	5.077	4.119	3.603	3.210
761	7.60	2.598	0.859	-1.933	-3.542	-4.648	-3.972	-1.402	2.371	6.050	8.218
771	7.70	7.906	4.978	0.180	-5.167	-9.693	-12.467	-13.270	-12.567	-11.092	-9.655
781	7.80	-8.624	-7.940	-7.225	-6.047	-4.177	-1.228	0.870	3.029	4.216	4.133
791	7.90	2.813	0.621	-1.845	-3.902	-4.970	-4.740	-3.304	-1.172	0.843	1.871
801	8.00	1.296	-0.980	-4.427	-8.022	-10.575	-11.161	-9.488	-5.919	-1.510	2.569
811	8.10	5.371	6.509	6.209	5.112	3.916	3.057	2.569	2.072	1.227	-0.174
821	8.20	-1.934	-3.512	-4.253	-3.699	-1.834	0.859	3.571	5.483	6.101	5.472
831	8.30	4.166	3.005	2.903	4.111	6.628	9.049	10.892	11.010	8.971	5.049
841	8.40	0.139	-4.585	-8.135	-10.092	-10.753	-10.945	-11.586	-13.184	-15.508	-17.608
851	8.50	-18.200	-16.272	-11.628	-5.123	1.564	6.532	8.405	6.685	2.876	-1.901
861	8.60	-5.589	-6.950	-5.798	-2.982	0.046	1.884	1.737	-0.334	-3.538	-6.747
871	8.70	-8.949	-9.554	-8.469	-5.965	-2.475	1.564	5.748	9.660	12.821	14.725
881	8.80	14.972	13.430	10.340	6.283	2.003	-1.822	-4.761	-6.669	-7.582	-7.541
891	8.90	-6.463	-4.157	-0.471	4.493	10.223	15.823	20.227	22.534	22.320	19.798
901	9.00	15.252	11.265	7.366	4.717	3.456	3.234	3.405	3.288	2.408	0.647
911	9.10	-1.761	-4.222	-6.170	-7.082	-6.762	-5.414	-3.603	-2.078	-1.517	-2.278
921	9.20	-4.257	-6.918	-9.498	-11.294	-11.919	-11.406	-10.131	-8.591	-7.168	-5.992
931	9.30	-4.981	-4.005	-3.076	-2.430	-2.420	-3.278	-4.859	-6.545	-7.387	-6.477
941	9.40	-3.382	1.564	7.272	12.236	15.086	15.109	12.527	8.402	4.223	1.364
951	9.50	0.515	1.675	4.060	6.546	8.070	7.950	6.037	2.681	-1.421	-5.435
961	9.60	-8.672	-9.945	-9.508	-7.276	-3.862	-0.210	2.435	3.068	1.178	-3.002
971	9.70	-8.512	-13.942	-17.889	-19.409	-18.312	-15.151	-10.960	-6.839	-3.588	-1.509
981	9.80	-0.457	-0.047	0.093	0.160	0.160	0.017	-0.292	-0.663	-0.895	-0.800
991	9.90	-0.319	0.452	1.311	2.083	2.718	3.302	3.972	4.772	5.556	6.017

Table 7—15—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1162 913-GR-1-5 HA. (HA.) AMATSU BRIDGE MAX. ACC. = 33.849 (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	5.841	4.938	3.599	2.494	2.468	4.196	7.852	12.959	18.374	22.805
1011	10.10	25.036	24.367	20.852	15.007	7.750	-0.018	-7.606	-14.596	-20.753	-25.885
1021	10.20	-29.736	-31.996	-32.393	-30.831	-27.470	-22.729	-17.190	-11.486	-6.195	-1.787
1031	10.30	1.405	3.218	3.724	3.300	2.639	2.641	4.165	7.696	13.084	19.489
1041	10.40	25.606	30.130	32.268	32.084	30.480	28.807	28.256	29.292	31.433	33.435
1051	10.50	33.849	31.666	26.743	19.804	11.049	4.559	-2.165	-8.293	-14.337	-20.606
1061	10.60	-26.728	-31.602	-33.773	-32.157	-26.715	-18.722	-10.457	-4.387	-2.214	-4.209
1071	10.70	-9.130	-14.795	-19.013	-20.483	-19.240	-16.494	-13.961	-13.031	-14.142	-16.752
1081	10.80	-19.490	-20.985	-20.340	-17.436	-12.831	-7.405	-1.963	3.003	7.313	10.929
1091	10.90	13.774	15.664	16.402	15.947	14.540	12.671	10.894	9.583	8.780	8.229
1101	11.00	7.591	6.724	5.859	5.557	6.437	8.821	12.460	16.522	19.853	21.426
1111	11.10	20.762	18.125	14.409	10.253	8.066	6.675	6.235	5.940	4.917	2.623
1121	11.20	-0.915	-5.112	-9.072	-11.927	-13.152	-12.722	-11.072	-8.903	-6.925	-5.642
1131	11.30	-5.244	-5.640	-6.578	-7.793	-9.112	-10.459	-11.771	-12.878	-13.396	-12.802
1141	11.40	-10.553	-6.363	-0.455	6.332	12.664	17.069	18.432	16.433	11.750	5.902
1151	11.50	0.776	-2.029	-1.756	1.259	5.726	9.917	12.304	12.082	9.381	5.107
1161	11.60	0.507	-3.328	-5.825	-7.011	-7.348	-7.410	-7.598	-7.902	-8.344	-8.340
1171	11.70	-7.690	-6.307	-4.304	-1.935	0.509	2.764	4.618	5.915	6.558	6.552
1181	11.80	6.059	5.411	5.062	5.448	6.796	8.975	11.450	13.397	13.940	12.445
1191	11.90	8.748	3.234	-3.249	-9.634	-14.918	-18.409	-19.857	-19.449	-17.693	-15.243
1201	12.00	-12.734	-10.649	-9.256	-8.605	-8.560	-8.862	-9.203	-9.277	-8.831	-7.677
1211	12.10	-5.704	-2.667	0.799	5.167	9.987	14.871	19.309	22.737	24.637	24.661
1221	12.20	22.718	19.008	13.983	8.250	2.447	-2.859	-7.237	-10.422	-12.311	-12.962
1231	12.30	-12.591	-11.554	-10.309	-9.315	-8.915	-9.215	-10.026	-10.911	-11.332	-10.863
1241	12.40	-9.382	-7.159	-4.807	-3.091	-2.667	-3.859	-6.538	-10.151	-13.883	-16.881
1251	12.50	-18.460	-18.248	-16.224	-12.685	-8.148	-3.229	1.480	5.531	8.712	11.083
1261	12.60	12.934	14.652	16.528	18.574	20.431	21.442	20.882	18.278	13.692	7.819
1271	12.70	1.837	-2.960	-5.619	-5.877	-4.261	-1.889	-0.037	0.332	-1.105	-3.981
1281	12.80	-7.462	-10.623	-12.808	-13.805	-13.805	-13.177	-12.224	-11.033	-9.499	-7.476
1291	12.90	-4.970	-2.236	0.275	2.096	2.963	2.950	2.452	2.022	2.138	3.014
1301	13.00	4.526	6.290	7.823	8.725	8.798	8.078	6.790	5.272	3.897	3.007
1311	13.10	2.852	3.518	4.871	6.530	7.926	8.444	7.624	5.344	1.888	-2.124
1321	13.20	-5.950	-8.972	-10.876	-11.689	-11.655	-11.039	-9.972	-8.420	-6.302	-3.685
1331	13.30	-0.910	1.420	2.651	2.370	0.655	-1.870	-4.224	-5.435	-4.939	-2.798
1341	13.40	0.327	3.463	5.739	6.723	6.558	5.830	5.260	5.371	6.274	7.665
1351	13.50	9.004	9.776	9.704	8.831	7.452	5.957	4.670	3.755	3.214	2.958
1361	13.60	2.830	2.753	2.636	2.408	2.002	1.372	0.526	-0.442	-1.358	-2.007
1371	13.70	-2.210	-1.884	-1.079	0.040	1.244	2.308	3.061	3.415	3.358	2.942
1381	13.80	2.267	1.472	0.719	0.180	-0.001	0.264	0.976	2.041	3.289	4.497
1391	13.90	5.429	5.858	5.592	4.494	2.513	-0.276	-3.646	-7.210	-10.463	-12.869
1401	14.00	-13.932	-13.383	-11.168	-7.510	-2.859	2.179	6.940	10.804	13.289	14.139
1411	14.10	13.378	11.329	8.568	5.804	3.711	2.743	3.008	4.241	5.886	7.286
1421	14.20	7.877	7.350	5.701	3.180	0.168	-2.949	-5.859	-8.337	-10.214	-11.351
1431	14.30	-11.650	-11.112	-9.910	-8.411	-7.112	-6.482	-6.763	-7.814	-9.095	-9.806
1441	14.40	-9.167	-6.728	-2.585	2.600	7.791	11.929	14.304	14.794	13.883	12.431
1451	14.50	11.300	10.979	11.370	11.836	11.688	9.605	5.999	1.178	-3.795	-7.685
1461	14.60	-9.570	-9.221	-7.217	-4.734	-3.086	-3.201	-5.251	-8.579	-11.961	-14.079
1471	14.70	-14.016	-11.582	-7.329	-2.308	2.348	5.793	7.684	8.158	7.638	6.593
1481	14.80	5.357	4.086	2.832	1.649	0.653	-0.012	-0.278	-0.257	-0.257	-0.675
1491	14.90	-1.815	-3.700	-6.003	-8.125	-9.421	-9.463	-8.236	-6.159	-3.931	-2.258

Table 7—15—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1162 913-GR-1-5 HA. (HA.) AMATSU BRIDGE MAX. ACC. = 33.849 (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	-1.590	-1.966	-3.035	-4.226	-4.985	-4.972	-4.146	-2.717	-1.016	0.646
1511	15.10	2.068	3.165	3.912	4.287	4.259	3.718	2.740	1.441	0.083	-1.012
1521	15.20	-1.571	-1.477	-0.818	0.145	1.690	1.766	2.095	2.190	2.279	2.572
1531	15.30	3.132	3.812	4.295	4.223	3.357	1.708	-0.437	-2.593	-4.246	-5.032
1541	15.40	-4.862	-3.936	-2.645	-1.403	-0.487	0.053	0.380	0.750	1.360	2.227
1551	15.50	3.149	3.783	3.790	3.000	1.503	-0.352	-2.075	-3.219	-3.545	-3.116
1561	15.60	-2.270	-1.489	-1.218	-1.704	-2.927	-4.637	-6.471	-8.101	-9.339	-10.151
1571	15.70	-10.600	-10.742	-10.558	-9.941	-8.778	-7.051	-4.920	-2.714	-0.831	0.428
1581	15.80	0.988	1.042	0.960	1.103	1.641	2.455	3.203	3.500	3.148	2.271
1591	15.90	1.286	0.715	0.909	1.848	3.120	4.096	4.247	3.414	1.911	0.385
1601	16.00	-0.510	-0.445	0.405	1.455	2.024	1.724	0.712	-0.351	-0.624	0.453
1611	16.10	2.792	5.595	7.655	7.891	5.884	2.137	-2.079	-5.232	-6.881	-4.669
1621	16.20	-1.433	2.115	4.487	4.734	2.796	-0.542	-4.037	-6.530	-7.388	-6.657
1631	16.30	-4.904	-2.850	-1.010	0.501	1.920	3.591	5.697	8.083	10.286	11.736
1641	16.40	12.016	11.054	9.159	6.883	4.795	3.266	2.374	1.941	1.683	1.366
1651	16.50	0.919	0.425	0.038	-0.138	-0.134	-0.110	-0.281	-0.793	-1.632	-2.596
1661	16.60	-3.356	-3.577	-3.048	-1.972	0.028	1.974	3.649	4.707	4.951	4.353
1671	16.70	3.029	1.191	-0.895	-2.938	-4.639	-5.719	-5.959	-5.268	-3.735	-1.652
1681	16.80	0.532	2.323	3.317	3.325	2.423	0.914	-0.796	-2.342	-3.508	-4.256
1691	16.90	-4.674	-4.869	-4.888	-4.686	-4.181	-3.350	-2.311	-1.328	-0.738	-0.806
1701	17.00	-1.587	-2.867	-4.206	-5.090	-5.114	-4.126	-2.279	0.039	2.364	4.215
1711	17.10	5.401	5.852	5.680	5.083	4.279	3.468	2.816	2.454	2.459	2.826
1721	17.20	3.442	4.098	4.539	4.550	4.040	3.081	1.884	0.711	-0.232	-0.873
1731	17.30	-1.281	-1.601	-1.953	-2.348	-2.668	-2.722	-2.361	-1.571	-0.518	0.505
1741	17.40	1.199	1.390	1.116	0.616	0.232	0.258	0.815	1.800	2.960	3.909
1751	17.50	4.473	4.585	4.384	4.122	4.031	4.213	4.585	4.917	4.931	4.426
1761	17.60	3.373	1.937	0.426	-0.815	-1.522	-1.592	-1.113	-0.317	0.497	1.060
1771	17.70	1.205	0.901	0.233	-0.634	-1.518	-2.264	-2.775	-3.019	-3.012	-2.897
1781	17.80	-2.478	-2.120	-1.848	-1.798	-2.112	-2.904	-4.211	-5.965	-7.868	-9.610
1791	17.90	-10.743	-10.894	-9.857	-7.683	-4.690	-1.383	1.677	4.039	5.479	6.033
1801	18.00	5.939	5.513	5.011	4.548	4.090	3.532	2.806	1.958	1.160	0.645
1811	18.10	0.592	1.027	1.793	2.601	3.144	3.224	2.818	2.075	1.229	0.493
1821	18.20	-0.023	-0.329	-0.501	-0.610	-0.666	-0.616	-0.422	-0.123	0.110	-0.001
1831	18.30	-0.739	-2.257	-4.474	-7.058	-9.502	-11.288	-12.055	-11.716	-10.482	-8.773
1841	18.40	-7.077	-5.793	-5.120	-5.021	-5.261	-5.496	-5.366	-4.617	-3.147	-1.050
1851	18.50	1.406	3.838	5.847	7.116	7.508	7.093	6.122	4.940	3.879	3.164
1861	18.60	2.874	2.289	3.349	3.915	4.602	5.356	6.103	6.713	7.023	6.893
1871	18.70	6.290	5.341	4.310	3.503	3.142	3.253	3.639	3.963	3.888	3.225
1881	18.80	2.009	0.466	-1.104	-2.472	-3.563	-4.458	-5.290	-6.126	-6.895	-7.408
1891	18.90	-7.466	-6.997	-6.124	-5.139	-4.357	-3.949	-3.831	-3.692	-3.150	-1.977
1901	19.00	-0.273	1.517	2.753	2.873	1.658	-0.629	-3.316	-5.558	-6.653	-6.292
1911	19.10	-4.663	-2.244	0.220	2.165	3.261	3.457	2.896	1.804	0.403	-1.098
1921	19.20	-2.469	-3.438	-3.729	-3.156	-1.747	0.200	2.169	3.602	4.124	3.714
1931	19.30	2.742	1.826	1.575	2.325	3.992	6.103	8.001	9.119	9.195	8.352
1941	19.40	6.994	5.598	4.507	3.808	3.362	2.927	2.318	1.497	0.577	-0.275
1951	19.50	-0.937	-1.399	-1.732	-2.005	-2.199	-2.185	-1.790	-0.926	0.302	1.570
1961	19.60	2.441	2.552	1.806	0.463	-0.933	-1.763	-1.604	-0.428	1.357	3.058
1971	19.70	3.973	3.673	2.188	-0.115	-2.516	-4.411	-5.448	-5.639	-5.305	-4.896
1981	19.80	-4.791	-5.152	-5.901	-6.791	-7.531	-7.903	-7.815	-7.290	-6.425	-5.342
1991	19.90	-4.184	-3.015	-2.018	-1.277	-0.829	-0.599	-0.388	0.079	1.041	2.577

Table 7—15—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1162　913-GR-1-S　HA. (HA.) AMATSU BRIDGE　MAX. ACC. = 33.849 (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	4.520	6.467	7.699	8.369	7.688	6.014	3.808	1.662	0.071	-0.749
2011	20.10	-0.913	-0.779	-0.756	-1.099	-1.802	-2.622	-3.226	-3.378	-3.073	-2.536
2021	20.20	-2.102	-2.023	-2.316	-2.727	-2.843	-2.292	-0.940	1.017	3.116	4.822
2031	20.30	5.753	5.840	5.334	4.668	4.244	4.241	4.550	4.851	4.796	4.197
2041	20.40	3.125	1.882	0.858	0.355	0.458	1.024	1.770	2.411	2.775	2.829
2051	20.50	2.639	2.272	1.732	0.962	-0.089	-1.382	-2.735	-3.857	-4.456	-4.375
2061	20.60	-3.678	-2.644	-1.657	-1.066	-0.969	-1.272	-1.757	-2.125	-2.229	-2.123
2071	20.70	-2.037	-2.249	-2.938	-4.072	-5.402	-6.549	-7.143	-6.963	-6.007	-4.477
2081	20.80	-2.699	-1.017	0.305	1.128	1.443	1.348	1.008	0.618	0.366	0.399
2091	20.90	0.785	1.491	2.381	3.250	3.890	4.158	4.020	3.559	2.934	2.304
2101	21.00	1.770	1.339	0.940	0.476	-0.120	-0.847	-1.636	-2.388	-3.018	-3.490
2111	21.10	-3.815	-4.026	-4.129	-4.084	-3.801	-3.181	-2.162	-0.772	0.856	2.506
2121	21.20	3.927	4.898	5.287	5.081	4.381	3.377	2.290	1.316	0.584	0.132
2131	21.30	-0.088	-0.170	-0.211	-0.261	-0.303	-0.267	-0.064	0.348	0.928	1.538
2141	21.40	1.980	2.065	1.690	0.883	-0.194	-1.296	-2.182	-2.697	-2.614	-2.636
2151	21.50	-2.334	-2.076	-1.956	-1.963	-1.987	-1.866	-1.443	-0.621	0.606	2.147
2161	21.60	3.831	5.439	6.754	7.601	7.901	7.688	7.109	6.388	5.758	5.381
2171	21.70	5.298	5.407	5.505	5.369	4.846	3.917	2.706	1.431	0.318	-0.475
2181	21.80	-0.910	-1.053	-1.027	-0.940	-0.840	-0.710	-0.497	-0.162	0.287	0.790
2191	21.90	1.258	1.614	1.822	1.880	1.805	1.600	1.245	0.711	-0.001	-0.831
2201	22.00	-1.656	-2.328	-2.740	-2.883	-2.863	-2.868	-3.085	-3.608	-4.391	-5.264
2211	22.10	-6.010	-6.460	-6.574	-6.447	-6.250	-6.139	-6.169	-6.270	-6.287	-6.070
2221	22.20	-5.549	-4.777	-3.893	-3.057	-2.372	-1.853	-1.451	-1.116	-0.852	-0.727
2231	22.30	-0.829	-1.190	-1.726	-2.244	-2.510	-2.373	-1.851	-1.154	-0.596	-0.457
2241	22.40	-0.837	-1.594	-2.394	-2.855	-2.717	-1.950	-0.752	0.563	1.722	2.626
2251	22.50	3.375	4.191	5.275	6.678	8.250	9.699	10.716	11.101	10.829	10.034
2261	22.60	8.910	7.621	6.242	4.777	3.235	1.692	0.317	-0.681	-1.147	-1.070
2271	22.70	-0.608	-0.037	0.362	0.421	0.137	-0.344	-0.825	-1.167	-1.357	-1.509
2281	22.80	-1.783	-2.296	-3.052	-3.929	-4.745	-5.325	-5.589	-5.552	-5.299	-4.927
2291	22.90	-4.495	-4.016	-3.482	-2.905	-2.349	-1.874	-1.585	-1.490	-1.525	-1.557
2301	23.00	-1.440	-1.077	-0.466	0.304	1.078	1.712	2.121	2.304	2.337	2.338
2311	23.10	2.414	2.635	3.007	3.479	3.963	4.357	4.581	4.611	4.492	4.340
2321	23.20	4.302	4.500	4.965	5.595	6.165	6.388	6.025	4.984	3.577	1.490
2331	23.30	-0.303	-1.686	-2.505	-2.816	-2.839	-2.848	-3.068	-3.489	-4.060	-4.553
2341	23.40	-4.744	-4.585	-4.042	-3.278	-2.486	-1.841	-1.450	-1.340	-1.480	-1.797
2351	23.50	-2.205	-2.606	-2.903	-3.018	-2.924	-2.684	-2.456	-2.462	-2.911	-3.899
2361	23.60	-5.331	-6.905	-8.181	-8.714	-8.208	-6.631	-4.240	-1.514	0.992	2.814
2371	23.70	3.695	3.631	2.823	1.581	0.207	-1.081	-2.163	-2.998	-3.560	-3.809
2381	23.80	-3.677	-3.108	-2.109	-0.794	0.610	1.808	2.515	2.544	1.870	0.643
2391	23.90	-0.860	-2.324	-3.484	-4.200	-4.470	-4.399	-4.137	-3.808	-3.469	-3.115
2401	24.00	-2.701	-2.194	-1.598	-0.961	-0.344	0.209	0.703	1.188	1.736	2.396
2411	24.10	3.159	3.951	4.668	5.120	5.272	5.077	4.573	3.848	3.011	2.168
2421	24.20	1.407	0.796	0.380	0.185	0.200	0.381	0.644	0.895	1.050	1.070
2431	24.30	0.972	0.816	0.676	0.598	0.573	0.541	0.423	0.168	-0.204	-0.599
2441	24.40	-0.874	-0.892	-0.588	-0.003	0.732	1.439	1.975	2.290	2.451	2.605
2451	24.50	2.905	3.432	4.140	4.866	5.397	5.568	5.354	4.901	4.475	4.359
2461	24.60	4.719	5.519	6.516	7.354	7.719	7.484	6.779	5.953	5.423	5.482
2471	24.70	6.162	7.198	8.136	8.536	8.169	7.137	5.835	4.776	4.355	4.659
2481	24.80	5.410	6.076	6.095	5.124	3.190					

Table 7—16—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1163 913-GR-1-S U-D (U-D) AMATSU BRIDGE MAX. ACC. = -19.207 (GAL) T= 11.48 (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	0.0	1.742	-0.582	-3.263	-5.714	-7.413	-8.026	-7.470	-5.919	-3.759
11	0.10	-1.503	0.320	1.300	1.270	0.375	-0.961	-2.178	-2.816	-2.733	-2.209
21	0.20	-1.954	-2.334	-4.018	-6.707	-9.595	-11.513	-11.380	-8.671	-3.691	2.466
31	0.30	8.287	12.360	13.846	12.699	9.570	5.485	1.451	-1.815	-3.963	-4.927
41	0.40	-4.774	-3.626	-1.684	0.691	2.948	4.451	4.693	3.538	1.327	-1.236
51	0.50	-3.389	-4.662	-5.070	-5.031	-5.036	-5.259	-5.341	-4.529	-2.126	1.969
61	0.60	6.938	11.192	12.981	11.223	6.143	-0.634	-6.640	-9.572	-8.281	-3.287
71	0.70	3.451	9.402	12.576	12.332	9.533	5.990	3.502	2.986	4.125	5.682
81	0.80	6.267	5.138	2.605	-0.164	-1.807	-1.531	0.443	2.972	4.583	4.212
91	0.90	1.731	-2.012	-5.640	-7.902	-8.219	-6.836	-4.563	-2.287	-0.552	0.571
101	1.00	1.313	1.859	2.112	1.704	0.274	-2.175	-5.086	-7.486	-8.402	-7.367
111	1.10	-4.709	-1.449	1.163	2.258	1.779	0.491	-0.431	-0.033	1.896	4.711
121	1.20	7.245	8.444	7.966	6.308	4.738	4.480	6.147	9.352	12.833	15.008
131	1.30	14.693	11.654	6.697	1.332	-2.889	-4.993	-4.927	-3.496	-1.950	-1.455
141	1.40	-2.660	-5.519	-9.377	-13.236	-16.077	-17.117	-15.976	-12.759	-8.052	-2.864
151	1.50	1.669	4.375	6.400	7.393	-1.394	-5.316	-7.809	-7.762	-4.963	-0.199
161	1.60	5.036	9.143	11.038	10.543	8.359	5.657	3.483	2.289	1.802	1.286
171	1.70	0.044	-2.110	-4.671	-6.654	-7.076	-5.479	-2.198	1.755	5.148	7.078
181	1.80	7.357	6.515	5.454	4.929	5.140	5.651	5.675	4.562	2.236	-0.683
191	1.90	-3.132	-4.124	-3.262	-0.994	1.547	3.034	2.540	-0.050	-3.997	-8.047
201	2.00	-10.975	-12.061	-11.301	-9.265	-6.725	-4.254	-2.002	0.245	2.806	5.777
211	2.10	8.850	11.355	12.520	11.816	9.214	5.258	0.907	-2.769	-4.910	-5.112
221	2.20	-3.513	-0.729	2.325	4.680	5.568	4.638	2.027	-1.409	-4.782	-6.992
231	2.30	-7.351	-5.805	-2.990	-0.008	1.993	2.292	0.883	-1.531	-3.869	-5.144
241	2.40	-4.995	-3.666	-1.925	-0.735	-0.617	-1.497	-2.750	-3.539	-3.249	-1.780
251	2.50	0.432	2.656	4.221	4.781	4.370	3.234	1.603	-0.459	-3.005	-5.997
261	2.60	-9.104	-11.654	-12.854	-12.168	-9.672	-6.150	-2.834	-0.875	-0.791	-2.198
271	2.70	-3.984	-4.866	-4.070	-1.777	0.910	2.496	1.858	-1.122	-5.398	-9.170
281	2.80	-10.674	-8.985	-4.443	1.494	6.889	10.133	10.559	8.571	5.304	2.007
291	2.90	-0.515	-2.132	-3.231	-4.310	-5.573	-6.762	-7.312	-6.698	-4.792	-1.999
301	3.00	0.890	3.048	3.979	3.693	2.634	1.387	0.362	-0.392	-1.135	-2.201
311	3.10	-3.714	-5.427	-6.783	-7.168	-6.225	-4.079	-1.338	1.134	2.566	2.604
321	3.20	1.455	-0.206	-1.509	-1.764	-0.713	1.364	5.776	5.698	6.483	5.887
331	3.30	4.135	1.806	-0.401	-1.912	-2.450	-2.064	-1.030	0.314	1.703	3.004
341	3.40	4.155	5.061	5.520	5.217	3.886	1.496	-1.615	-4.714	-6.887	-7.356
351	3.50	-5.802	-2.542	1.548	5.330	7.821	8.534	7.605	5.667	3.539	1.896
361	3.60	1.057	0.982	1.423	2.119	2.915	3.751	4.542	5.082	5.043	4.126
371	3.70	2.268	-0.208	-2.616	-4.141	-4.182	-2.636	0.031	2.969	5.321	6.585
381	3.80	6.802	6.449	6.124	6.180	6.514	6.633	5.955	4.186	1.564	-1.173
391	3.90	-3.089	-3.468	-2.146	0.414	3.343	5.759	7.147	7.539	7.419	7.440
401	4.00	8.080	9.428	11.177	12.796	13.778	13.831	12.937	11.280	9.123	6.705
411	4.10	4.214	1.831	-0.226	-1.693	-2.321	-1.967	-0.664	1.365	3.773	6.193
421	4.20	8.319	9.952	10.981	11.353	11.055	10.113	8.613	6.690	4.487	2.092
431	4.30	-0.502	-3.355	-6.468	-9.644	-12.425	-14.174	-14.321	-12.677	-9.650	-6.228
441	4.40	-3.667	-2.992	-4.510	-7.599	-10.891	-12.827	-12.339	-9.369	-6.948	-0.793
451	4.50	1.422	0.792	-2.421	-6.916	-10.917	-12.940	-12.382	-9.694	-6.079	-2.885
461	4.60	-1.002	-0.543	-0.923	-1.291	-1.014	-0.015	1.222	1.954	1.605	0.092
471	4.70	-2.109	-4.187	-5.372	-5.282	-4.064	-2.291	-0.678	0.228	0.236	-0.488
481	4.80	-1.579	2.692	-3.649	-4.479	-5.335	-6.370	-7.635	-9.054	-10.469	-11.598
491	4.90	-12.265	-12.207	-11.185	-9.014	-5.670	-1.417	3.120	7.027	9.329	9.332

Table 7—16—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1163 913-GR-1-S U-D (U-D) AMATSU BRIDGE MAX. ACC. = -19.207 (GAL) T= 11.48 (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	6.943	2.814	-1.790	-5.391	-6.831	-5.717	-2.588	1.289	4.434	5.757
511	5.10	5.000	2.823	0.473	-0.797	-0.317	1.682	4.161	5.762	5.446	3.014
521	5.20	-0.759	-4.430	-6.516	-6.153	-3.499	0.325	3.707	5.243	4.329	1.392
531	5.30	-2.331	-5.367	-6.644	-5.915	-3.785	-1.342	0.389	0.926	0.499	-0.147
541	5.40	-0.191	0.809	2.684	4.740	6.118	6.224	5.011	2.976	0.883	-0.629
551	5.50	-1.345	-1.537	-1.745	-2.428	-3.654	-5.012	-5.790	-5.326	-3.361	-0.204
561	5.60	3.360	6.382	8.125	8.317	7.190	5.296	3.226	1.371	-0.159	-1.439
571	5.70	-2.551	-3.438	-3.885	-3.650	-2.551	-1.106	0.433	1.435	1.279	-0.144
581	5.80	-2.537	-5.248	-7.515	-8.725	-8.602	-7.240	-4.997	-2.325	0.391	2.897
591	5.90	5.055	6.776	7.969	8.539	8.442	7.745	6.655	5.478	4.514	3.953
601	6.00	3.800	3.888	3.962	3.793	3.270	2.436	1.442	0.464	-0.381	-1.072
611	6.10	-1.670	-2.251	-2.838	-3.366	-3.698	-3.687	-3.266	-2.503	-1.615	-0.904
621	6.20	-0.644	-0.961	-1.745	-2.650	-3.186	-2.880	-1.482	0.914	3.849	6.615
631	6.30	8.483	8.958	7.957	5.841	3.272	0.963	-0.592	-1.267	-1.298	-1.110
641	6.40	-1.063	-1.266	-1.507	-1.400	-0.587	1.019	3.167	5.239	6.679	7.060
651	6.50	6.352	4.903	3.264	1.920	1.071	0.554	-0.042	-1.136	-2.893	-5.083
661	6.60	-7.112	-8.236	-7.853	-5.768	-2.306	1.749	5.394	7.707	8.135	6.662
671	6.70	3.809	0.475	-2.331	-3.795	-3.550	-1.789	0.790	3.207	4.527	4.180
681	6.80	2.182	-0.856	-3.921	-5.937	-6.139	-4.329	-0.932	3.173	6.962	9.599
691	6.90	10.666	10.211	8.629	6.443	4.107	1.886	-0.132	-1.957	-3.595	-5.001
701	7.00	-6.098	-6.842	-7.275	-7.525	-7.731	-7.943	-8.040	-7.739	-6.690	-4.651
711	7.10	-1.653	1.925	5.410	8.023	9.140	8.528	6.465	3.683	1.139	-0.306
721	7.20	-0.191	1.360	3.667	5.723	6.548	5.554	2.764	-1.189	-5.290	-8.515
731	7.30	-10.206	-10.270	-9.176	-7.678	-6.460	-5.818	-5.537	-5.023	-3.633	-1.051
741	7.40	2.469	6.108	8.753	9.423	7.675	3.807	-1.213	-6.089	-9.643	-11.200
751	7.50	-10.760	-8.894	-6.429	-4.077	-2.150	-0.501	1.320	3.756	6.948	10.570
761	7.60	13.891	16.035	16.336	14.638	11.409	7.606	4.347	2.508	2.410	3.725
771	7.70	5.632	7.171	7.630	6.809	5.061	3.081	1.568	0.903	0.994	1.354
781	7.80	1.364	0.587	-1.017	-3.077	-5.006	-6.292	-6.942	-6.573	-6.289	-6.428
791	7.90	-7.298	-8.832	-10.617	-12.089	-12.767	-12.445	-11.239	-9.499	-7.643	-5.992
801	8.00	-4.684	-3.671	-2.791	-1.844	-0.668	0.826	2.633	4.633	6.592	8.183
811	8.10	9.055	8.942	7.776	5.742	3.244	0.775	-1.259	-2.665	-3.493	-3.941
821	8.20	-4.201	-4.328	-4.229	-3.760	-2.892	-1.825	-0.963	-0.723	-1.289	-2.423
831	8.30	-3.477	-3.132	-2.272	0.684	4.669	8.646	11.528	12.624	11.923	10.054
841	8.40	7.954	6.398	5.634	5.208	4.594	2.820	-0.316	-4.457	-8.719	-12.057
851	8.50	-13.693	-13.421	-11.669	-9.191	-6.920	-5.446	-4.949	-5.202	-5.736	-6.052
861	8.60	-5.780	-4.750	-2.988	-0.663	1.965	4.596	6.940	8.772	9.982	10.593
871	8.70	10.713	10.455	9.837	8.748	7.006	4.514	1.413	-1.832	-4.522	-5.959
881	8.80	-5.749	-4.027	-1.682	0.866	2.049	1.527	-0.597	-3.643	-6.651	-8.786
891	8.90	-9.635	-9.326	-8.347	-7.261	-6.415	-5.816	-5.211	-4.313	-3.032	-1.579
901	9.00	-0.369	0.206	0.035	-0.585	-1.030	-0.611	1.098	4.017	7.522	10.644
911	9.10	12.421	12.255	10.133	6.621	2.631	-0.927	-3.667	-4.896	-5.572	-6.074
921	9.20	-6.889	-8.159	-9.593	-10.584	-10.682	-8.906	-5.966	-2.273	1.269	3.710
931	9.30	4.594	3.967	2.446	0.951	0.322	0.971	2.710	4.822	6.348	6.479
941	9.40	4.884	1.855	-1.785	-4.964	-6.717	-6.492	-4.299	-0.669	3.537	7.395
951	9.50	10.161	11.429	11.177	9.691	7.439	4.908	2.481	0.375	-1.355	-2.750
961	9.60	-3.859	-4.681	-5.152	-5.194	-4.797	-4.083	-3.304	-2.772	-2.726	-3.220
971	9.70	-4.082	-4.968	-5.518	-5.508	-4.941	-4.014	-2.977	-1.966	-0.898	0.486
981	9.80	2.426	4.937	7.638	9.801	10.592	9.431	6.307	1.884	-2.672	-6.096
991	9.90	-7.484	-6.641	-4.108	-0.916	1.854	3.509	3.979	3.765	3.650	4.301

Table 7—16—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1163 913-GR-1-S U-D (U-D) AMATSU BRIDGE MAX. ACC. = -19.207 (GAL) T= 11.48 (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	5.968	8.389	10.933	12.884	13.734	13.347	11.940	9.912	7.637	5.312
1011	10.10	2.938	0.427	-2.242	-4.907	-7.206	-8.692	-9.006	-8.048	-6.048	-3.515
1021	10.20	-1.078	0.718	1.567	1.457	0.605	-0.691	-2.201	-3.853	-5.701	-7.815
1031	10.30	-10.118	-12.292	-13.793	-13.992	-12.410	-8.929	-3.902	1.900	7.503	12.009
1041	10.40	14.853	15.923	15.518	14.167	12.408	10.605	8.882	7.172	5.342	3.313
1051	10.50	1.132	-1.040	-3.001	-4.590	-5.743	-6.504	-6.984	-7.306	-7.540	-7.664
1061	10.60	-7.548	-6.977	-5.708	-3.570	-0.578	2.983	6.547	9.371	10.762	10.337
1071	10.70	8.230	5.122	2.046	0.023	-0.349	0.846	2.853	4.558	4.963	3.630
1081	10.80	0.877	-2.363	-4.960	-6.085	-5.545	-3.811	-1.725	-0.062	0.842	1.184
1091	10.90	1.495	2.251	3.533	4.911	5.637	5.037	2.879	-0.466	-4.180	-7.379
1101	11.00	-9.512	-10.562	-10.949	-11.192	-11.538	-11.773	-11.331	-9.654	-6.594	-2.609
1111	11.10	1.371	4.366	5.842	6.012	5.751	6.153	7.947	11.064	14.615	17.292
1121	11.20	18.019	16.521	13.506	10.342	8.506	8.684	10.590	12.987	14.275	13.238
1131	11.30	9.615	4.228	-1.387	-5.646	-7.587	-7.209	-5.391	-3.437	-2.502	-3.169
1141	11.40	-5.330	-8.382	-11.585	-14.377	-16.511	-17.991	-18.092	-19.207	-18.831	-17.657
1151	11.50	-15.733	-13.343	-10.945	-8.983	-7.661	-6.815	-5.953	-4.461	-1.890	1.810
1161	11.60	6.229	10.607	14.093	16.023	16.111	14.495	11.647	8.180	4.660	1.462
1171	11.70	-1.278	-3.633	-5.782	-7.881	-9.947	-11.787	-13.018	-13.175	-11.901	-9.138
1181	11.80	-5.247	-0.988	2.673	4.861	5.101	3.485	0.637	-2.530	-5.157	-6.735
1191	11.90	-7.228	-6.976	-6.439	-5.938	-5.505	-4.939	-3.952	-2.689	-0.746	0.844
1201	12.00	1.838	2.027	1.577	0.966	0.769	1.370	2.778	4.632	6.392	7.612
1211	12.10	8.153	8.216	8.192	8.413	8.944	9.539	9.767	9.257	7.916	6.002
1221	12.20	4.023	2.513	1.795	1.859	2.394	2.950	3.139	2.766	1.861	0.603
1231	12.30	-0.793	-2.162	-3.414	-4.512	-5.442	-6.202	-6.820	-7.372	-7.965	-8.671
1241	12.40	-9.447	-10.095	-10.297	-9.753	-8.338	-6.224	-3.871	-1.888	-0.800	-0.841
1251	12.50	-1.863	-3.407	-4.895	-5.860	-6.089	-5.634	-4.709	-3.523	-2.178	-0.653
1261	12.60	1.115	3.125	5.252	7.278	8.993	10.305	11.287	12.130	13.025	14.042
1271	12.70	15.067	15.862	16.076	15.569	14.287	12.349	9.962	7.338	4.657	2.073
1281	12.80	-0.245	-2.110	-3.358	-3.960	-4.002	-3.888	-4.028	-4.762	-6.149	-7.891
1291	12.90	-9.416	-10.100	-9.545	-7.771	-5.239	-2.692	-0.862	-0.202	-0.736	-2.083
1301	13.00	-3.643	-4.826	-5.242	-4.782	-3.576	-1.898	-0.060	1.647	2.978	3.742
1311	13.10	3.821	3.212	2.053	0.607	-0.801	-1.903	-2.581	-2.890	-2.998	-3.051
1321	13.20	-3.056	-2.835	-2.158	-0.631	1.574	4.190	6.633	8.263	8.632	7.679
1331	13.30	5.763	3.535	1.684	0.683	0.641	1.326	2.323	3.258	3.977	4.588
1341	13.40	5.375	6.613	8.385	10.489	12.473	13.782	13.961	12.825	10.528	7.509
1351	13.50	4.336	1.514	-0.680	-2.269	-3.527	-4.842	-6.532	-8.692	-11.133	-13.426
1361	13.60	-15.046	-15.559	-14.773	-12.805	-10.039	-6.993	-4.150	-1.824	-0.103	1.119
1371	13.70	2.046	2.861	3.650	4.376	4.908	5.099	4.840	4.106	2.964	1.559
1381	13.80	0.086	-1.239	-2.212	-2.665	-2.500	-1.716	-0.421	1.183	2.832	4.254
1391	13.90	5.220	5.577	5.264	4.311	2.830	1.006	-0.920	-2.670	-3.980	-4.659
1401	14.00	-4.647	-4.046	-3.089	-2.063	-1.199	-0.581	-0.120	0.386	1.129	2.154
1411	14.10	3.280	4.120	4.215	3.224	1.087	-1.902	-5.162	-8.010	-9.891	-10.558
1421	14.20	-10.138	-9.052	-7.830	-6.904	-6.453	-6.376	-6.383	-6.154	-5.503	-4.458
1431	14.30	-3.236	-2.131	-1.363	-0.971	-0.800	-0.587	-0.100	0.721	1.712	2.536
1441	14.40	2.828	2.374	1.238	-0.222	-1.457	-1.922	-1.280	0.473	2.999	5.744
1451	14.50	8.120	9.693	10.282	9.965	8.976	7.572	5.941	4.147	2.166	-0.028
1461	14.60	-2.396	-4.781	-6.944	-8.606	-9.533	-9.586	-8.759	-7.164	-5.010	-2.561
1471	14.70	-0.096	2.129	3.915	5.157	5.852	6.100	6.070	5.956	5.928	6.091
1481	14.80	6.478	7.045	7.695	8.298	8.705	8.782	8.435	7.654	6.530	5.257
1491	14.90	4.072	3.168	2.595	2.203	1.668	0.614	-1.223	-3.842	-6.917	-9.878

Table 7—16—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1163 913-GR-1-S U-D (U-D) AMATSU BRIDGE MAX. ACC. = -19.207 (GAL) T= 11.48 (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	-12.103	-13.158	-12.968	-11.855	-10.400	-9.212	-8.676	-8.814	-9.303	-9.639
1511	15.10	-9.371	-8.293	-6.513	-4.383	-2.334	-0.699	0.396	1.033	1.422	1.782
1521	15.20	2.253	2.812	3.593	4.349	5.086	5.775	6.401	6.944	7.385	7.715
1531	15.30	7.941	8.075	8.092	7.887	7.279	6.068	4.157	1.682	-0.940	-3.073
1541	15.40	-4.063	-3.502	-1.437	1.572	4.599	6.678	7.153	5.935	3.528	0.817
1551	15.50	-1.288	-2.210	-1.904	-0.820	0.330	0.900	0.565	-0.599	-2.191	-3.723
1561	15.60	-4.832	-5.392	-5.500	-5.347	-5.084	-4.744	-4.267	-3.591	-2.739	-1.853
1571	15.70	-1.130	-0.722	-0.652	-0.800	-0.985	-1.090	-1.152	-1.360	-1.948	-3.036
1581	15.80	-4.508	-6.005	-7.051	-7.257	-6.501	-4.989	-3.160	-1.484	-0.251	0.530
1591	15.90	1.072	1.631	2.305	2.937	3.188	2.744	1.553	-0.055	-1.443	-1.937
1601	16.00	-1.153	0.767	3.160	5.089	5.743	4.793	2.568	-0.177	-2.412	-3.442
1611	16.10	-3.075	-1.670	0.088	1.532	2.301	2.435	2.258	2.130	2.212	2.381
1621	16.20	2.330	1.781	0.687	-0.697	-1.922	-2.568	-2.461	-1.758	-0.865	-0.214
1631	16.30	-0.045	-0.295	-0.664	-0.807	-0.556	-0.022	0.463	0.551	0.101	-0.696
1641	16.40	-1.377	-1.434	-0.586	1.042	2.931	4.379	4.808	4.029	2.317	0.285
1651	16.50	-1.389	-2.252	-2.237	-1.630	-0.880	-0.351	-0.143	-0.072	0.204	0.978
1661	16.60	2.319	4.020	5.620	6.831	7.206	6.736	5.577	4.021	2.351	0.764
1671	16.70	-0.648	-1.863	-2.862	-3.595	-3.984	-3.973	-3.567	-2.862	-2.019	-1.208
1681	16.80	-0.544	-0.046	0.360	0.813	1.448	2.350	3.515	4.837	6.128	7.152
1691	16.90	7.675	7.520	6.629	5.091	3.144	1.121	-0.637	-1.889	-2.566	-2.787
1701	17.00	-2.796	-2.853	-3.110	-3.553	-4.011	-4.256	-4.120	-3.613	-2.920	-2.327
1711	17.10	-2.084	-2.270	-2.739	-3.167	-3.197	-2.605	-1.417	0.088	1.491	2.400
1721	17.20	2.626	2.249	1.575	1.000	0.832	1.173	1.898	2.729	3.366	3.613
1731	17.30	3.422	2.864	2.050	1.055	-0.109	-1.461	-2.877	-4.222	-5.170	-5.393
1741	17.40	-4.701	-3.166	-1.159	0.730	1.901	1.963	0.887	-0.974	-3.028	-4.668
1751	17.50	-5.504	-5.480	-4.856	-4.046	-3.425	-3.166	-3.197	-3.299	-3.237	-2.903
1761	17.60	-2.363	-1.805	-1.406	-1.220	-1.129	-0.903	-0.328	0.661	1.916	3.125
1771	17.70	3.946	4.166	3.800	3.084	2.367	1.942	1.922	2.195	2.494	2.538
1781	17.80	2.170	1.427	0.520	-0.273	-0.722	-0.736	-0.373	0.216	0.868	1.478
1791	17.90	2.018	2.507	2.961	3.358	3.634	3.714	3.556	3.171	2.616	1.962
1801	18.00	1.263	0.546	-0.175	-0.860	-1.427	-1.765	-1.779	-1.456	-0.901	-0.336
1811	18.10	-0.018	-0.170	-0.876	-2.058	-3.505	-4.950	-6.154	-6.959	-7.290	-7.126
1821	18.20	-6.457	-5.274	-3.601	-1.543	0.679	2.741	4.304	5.125	5.159	4.593
1831	18.30	3.779	3.101	2.809	2.924	3.231	3.392	3.107	2.266	1.012	-0.315
1841	18.40	-1.322	-1.740	-1.539	-0.945	-0.329	-0.051	-0.295	-0.995	-1.875	-2.578
1851	18.50	-2.829	-2.553	-1.907	-1.195	-0.731	-0.700	-1.080	-1.670	-2.192	-2.427
1861	18.60	-2.569	-1.941	-1.524	-1.235	-1.127	-1.089	-0.904	-0.375	0.558	1.741
1871	18.70	2.869	3.503	3.436	2.612	1.256	-0.230	-1.425	-2.045	-2.039	-1.573
1881	18.80	-0.926	-0.350	0.036	0.268	0.475	0.776	1.195	1.642	1.962	2.038
1891	18.90	1.860	1.545	1.278	1.207	1.357	1.606	1.746	1.591	1.083	0.338
1901	19.00	-0.398	-0.857	-0.876	-0.462	0.208	0.883	1.345	1.508	1.425	1.269
1911	19.10	1.133	1.157	1.297	1.455	1.520	1.426	1.175	0.817	0.415	0.016
1921	19.20	-0.351	-0.639	-0.762	-0.592	-0.004	1.052	2.486	4.052	5.401	6.197
1931	19.30	6.228	5.497	4.209	2.698	1.295	0.227	-0.445	-0.795	-0.963	-1.066
1941	19.40	-1.152	-1.198	-1.159	-1.016	-0.810	-0.630	-0.567	-0.676	-0.946	-1.316
1951	19.50	-1.705	-2.050	-2.320	-2.503	-2.584	-2.528	-2.286	-1.830	-1.186	-0.457
1961	19.60	0.201	0.630	0.737	0.534	0.134	-0.298	-0.614	-0.710	-0.693	-0.553
1971	19.70	-0.408	-0.303	-0.231	-0.156	-0.054	0.055	0.111	0.059	-0.093	-0.241
1981	19.80	-0.201	0.218	1.113	2.405	3.826	4.979	5.476	5.074	3.778	1.855
1991	19.90	-0.245	-2.028	-3.109	-3.319	-2.739	-1.664	-0.495	0.378	0.685	0.337

Table 7—16—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1163 913-GR-1-5 U-D (U-D) AKATSU BRIDGE MAX. ACC. = -19.207 (GAL) T= 11.48 (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	-0.562	-1.759	-2.931	-3.786	-4.145	-3.994	-3.472	-2.810	-2.236	-1.883
2011	20.10	-1.746	-1.698	-1.574	-1.269	-0.819	-0.399	-0.259	-0.593	-1.430	-2.588
2021	20.20	-3.729	-4.487	-4.627	-4.163	-3.259	-2.325	-1.649	-1.363	-1.370	-1.411
2031	20.30	-1.215	-0.656	0.168	0.976	1.440	1.371	0.838	0.175	-0.154	0.236
2041	20.40	1.455	3.245	5.041	6.170	6.099	4.668	2.073	-1.014	-3.841	-5.732
2051	20.50	-6.312	-5.604	-3.991	-2.069	-0.444	0.443	0.424	-0.384	-1.657	-2.988
2061	20.60	-4.020	-4.541	-4.521	-4.091	-3.476	-2.911	-2.573	-2.538	-2.784	-3.213
2071	20.70	-3.695	-4.100	-4.319	-4.273	-3.914	-3.227	-2.250	-1.076	0.144	1.223
2081	20.80	1.985	2.317	2.216	1.793	1.248	0.804	0.635	0.812	1.288	1.930
2091	20.90	2.569	3.068	3.360	3.452	3.404	3.295	3.185	3.102	3.045	2.999
2101	21.00	2.957	2.927	2.933	3.009	3.183	3.470	3.858	4.307	4.745	5.084
2111	21.10	5.240	5.157	4.842	4.373	3.881	3.521	3.408	3.574	3.968	4.375
2121	21.20	4.672	4.696	4.394	3.824	3.117	2.428	1.869	1.473	1.193	0.932
2131	21.30	0.595	0.120	-0.495	-1.213	-1.972	-2.717	-3.407	-4.020	-4.514	-4.976
2141	21.40	-5.316	-5.574	-5.761	-5.885	-5.934	-5.869	-5.633	-5.175	-4.483	-3.612
2151	21.50	-2.682	-1.844	-1.226	-0.880	-0.760	-0.738	-0.663	-0.426	-0.014	0.495
2161	21.60	0.968	1.287	1.407	1.375	1.303	1.302	1.423	1.623	1.785	1.771
2171	21.70	1.496	0.973	0.319	-0.283	-0.851	-0.664	-0.297	0.382	1.246	2.152
2181	21.80	2.971	3.616	4.038	4.227	4.206	4.029	3.772	3.523	3.356	3.310
2191	21.90	3.376	3.505	3.631	3.702	3.700	3.643	3.556	3.443	3.255	2.903
2201	22.00	2.292	1.379	0.228	-0.981	-1.984	-2.518	-2.414	-1.675	-0.493	0.803
2211	22.10	1.849	2.367	2.254	1.619	0.728	-0.090	-0.564	-0.579	-0.200	0.365
2221	22.20	0.862	1.097	1.017	0.728	0.436	0.353	0.596	1.118	1.725	2.145
2231	22.30	2.142	1.617	0.666	-0.546	-1.678	-2.524	-2.997	-3.166	-3.202	-3.291
2241	22.40	-3.543	-3.946	-4.383	-4.692	-4.746	-4.492	-3.957	-3.206	-2.294	-1.241
2251	22.50	-0.050	1.249	2.547	3.645	4.298	4.305	3.596	2.283	0.640	-0.992
2261	22.60	-2.318	-3.190	-3.631	-3.788	-3.832	-3.867	-3.888	-3.810	-3.545	-3.091
2271	22.70	-2.558	-2.137	-2.003	-2.215	-2.669	-3.121	-3.291	-2.994	-2.230	-1.195
2281	22.80	-0.194	0.482	0.688	0.474	0.057	-0.290	-0.358	-0.078	0.464	1.099
2291	22.90	1.671	2.109	2.446	2.778	3.183	3.656	4.097	4.350	4.279	3.847
2301	23.00	3.136	2.321	1.596	1.095	0.847	0.779	0.770	0.718	0.589	0.429
2311	23.10	0.326	0.362	0.565	0.897	1.270	1.583	1.751	1.718	1.446	0.901
2321	23.20	0.048	-1.129	-2.594	-4.228	-5.833	-7.174	-8.055	-8.382	-8.247	-7.833
2331	23.30	-7.402	-7.161	-7.183	-7.382	-7.560	-7.508	-7.111	-6.402	-5.555	-4.800
2341	23.40	-4.313	-4.135	-4.150	-4.139	-3.882	-3.265	-2.331	-1.263	-0.307	0.331
2351	23.50	0.564	0.446	0.129	-0.205	-0.428	-0.501	-0.465	-0.397	-0.358	-0.351
2361	23.60	-0.324	-0.200	0.086	0.551	1.160	1.838	2.495	3.050	3.444	3.635
2371	23.70	3.600	3.331	2.842	2.183	1.437	0.714	0.124	-0.246	-0.362	-0.248
2381	23.80	0.022	0.343	0.601	0.696	0.556	0.145	-0.524	-1.386	-2.315	-3.156
2391	23.90	-3.745	-3.954	-3.740	-3.155	-2.342	-1.487	-0.763	-0.279	-0.055	-0.036
2401	24.00	-0.125	-0.230	-0.298	-0.317	-0.306	-0.286	-0.262	-0.224	-0.154	-0.064
2411	24.10	0.100	0.265	0.446	0.660	0.938	1.308	1.756	2.211	2.549	2.629
2421	24.20	2.351	1.705	0.796	-0.181	-0.991	-1.442	-1.444	-1.031	-0.344	0.428
2431	24.30	1.108	1.593	1.867	1.994	2.081	2.228	2.498	2.901	3.395	3.908
2441	24.40	4.366	4.708	4.907	4.968	4.928	4.843	4.778	4.800	4.962	5.300
2451	24.50	5.818	6.482	7.212	7.897	8.412	8.659	8.603	8.298	7.881	7.538
2461	24.60	7.441	7.681	8.236	8.975	9.711	10.279	10.597	10.687	10.646	10.568
2471	24.70	10.484	10.330	9.986	9.356	8.456	7.449	6.606	6.182	6.283	6.770
2481	24.80	7.269	7.290	6.423	4.516	1.768					

Table 7—17—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1164 913-GR-1-S HB. (HB.) AHATSU BRIDGE MAX. ACC. = 32.857 (GAL) T= 10.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.00	0.0	2.220	2.417	2.062	1.399	0.787	0.503	0.575	0.767	0.726
11	0.10	0.221	-0.657	-1.467	-1.592	-0.566	1.621	4.400	6.786	7.765	6.750
21	0.20	3.887	0.041	-3.536	-5.717	-5.957	-4.491	-2.172	-0.052	1.087	1.036
31	0.30	0.149	-0.928	-1.632	-1.752	-1.455	-1.074	-0.818	-0.586	-0.010	1.278
41	0.40	3.325	5.668	7.437	7.720	6.018	2.565	-1.686	-5.416	-7.682	-7.381
51	0.50	-5.428	-2.554	0.143	1.876	2.428	2.109	1.457	0.900	0.564	0.319
61	0.60	0.002	-0.357	-0.496	-0.082	0.967	2.294	3.141	2.696	0.581	-2.790
71	0.70	-6.225	-8.186	-7.479	-3.868	1.712	7.487	11.577	12.798	11.139	7.680
81	0.80	4.019	1.493	0.606	0.927	1.494	1.459	0.598	-0.578	-1.183	-0.549
91	0.90	1.296	3.561	5.076	4.935	3.021	0.119	-2.468	-3.595	-2.870	-0.844
101	1.00	1.305	2.435	2.056	0.569	-1.004	-1.657	-1.011	0.633	1.587	1.436
111	1.10	-0.293	-2.846	-4.755	-4.583	-1.751	3.036	8.002	11.087	10.918	7.486
121	1.20	2.177	-2.876	-5.780	-5.734	-3.321	-0.121	2.132	2.423	0.901	-1.277
131	1.30	-2.624	-2.118	0.271	3.588	6.400	7.516	6.549	4.053	1.187	-0.885
141	1.40	-1.549	-0.980	0.024	0.504	-0.168	-1.988	-4.369	-6.366	-7.186	-6.510
151	1.50	-4.493	-1.716	1.097	3.340	4.696	5.155	4.935	4.351	3.699	3.178
161	1.60	2.861	2.689	2.511	2.143	1.449	0.430	-0.735	-1.712	-2.120	-1.680
171	1.70	-0.367	1.538	3.499	4.891	5.213	4.262	2.202	-0.489	-3.163	-5.189
181	1.80	-6.112	-5.742	-4.176	-1.766	0.958	3.377	4.913	5.150	3.966	1.591
191	1.90	-1.415	-4.296	-6.325	-7.032	-6.367	-4.716	-2.768	-1.270	-0.768	-1.431
201	2.00	-3.009	-4.943	-6.558	-7.274	-6.769	-4.946	-2.104	1.327	4.772	7.606
211	2.10	9.249	9.257	7.441	3.969	-0.603	-5.398	-9.415	-11.803	-12.139	-10.590
221	2.20	-7.882	-5.069	-3.158	-2.727	-3.701	-5.373	-6.692	-6.709	-5.005	-1.907
231	2.30	1.597	4.248	5.049	3.666	0.679	-2.710	-5.136	-5.655	-4.157	-1.408
241	2.40	1.289	2.682	2.130	-0.105	-2.983	-5.160	-5.605	-4.062	-1.168	1.844
251	2.50	3.696	3.619	1.663	-1.366	-4.300	-6.129	-6.416	-5.417	-3.896	-2.721
261	2.60	-2.486	-3.251	-4.600	-5.851	-6.377	-5.861	-4.388	-2.372	-0.375	1.088
271	2.70	1.695	1.382	0.329	-1.101	-2.454	-3.303	-3.600	-2.622	-1.335	-0.015
281	2.80	0.755	0.553	-0.683	-2.566	-4.367	-5.280	-4.758	-2.767	0.158	3.086
291	2.90	5.044	5.386	4.043	1.531	-1.262	-3.422	-4.337	-3.881	-2.394	-0.502
301	3.00	1.144	2.082	2.148	1.467	0.369	-0.834	-1.755	-2.193	-2.070	-1.448
311	3.10	-0.519	0.433	1.107	1.278	0.886	0.085	-0.793	-1.351	-1.291	-0.554
321	3.20	0.633	1.822	2.531	2.448	1.590	0.318	-0.795	-1.206	-0.642	0.759
331	3.30	2.673	3.798	4.139	3.267	1.436	-0.701	-2.366	-2.869	-2.053	-0.166
341	3.40	2.375	4.273	5.532	6.124	5.964	5.531	5.119	4.768	4.260	3.281
351	3.50	1.660	-0.547	-2.548	-4.004	-4.317	-3.385	-1.573	0.448	2.015	2.789
361	3.60	2.903	2.862	3.238	4.335	5.986	7.624	8.574	8.430	7.310	5.833
371	3.70	4.838	4.965	6.316	8.393	10.314	11.228	10.697	8.870	6.362	3.945
381	3.80	2.207	1.373	1.348	1.925	2.985	4.552	6.653	9.089	11.283	12.369
391	3.90	11.520	8.396	3.448	-2.098	-6.644	-8.837	-8.124	-4.962	-0.582	3.593
401	4.00	6.575	8.175	8.930	9.661	10.898	12.524	13.807	13.821	12.018	8.618
411	4.10	4.608	1.330	-0.127	0.595	3.003	6.071	8.776	10.578	11.579	12.288
421	4.20	13.157	14.171	14.765	14.006	11.297	6.634	0.832	-4.781	-8.931	-10.952
431	4.30	-11.032	-10.028	-8.965	-8.480	-8.522	-8.461	-7.540	-5.405	-2.419	0.413
441	4.40	1.888	1.172	-1.794	-6.245	-10.927	-14.611	-16.544	-16.621	-15.249	-13.027
451	4.50	-10.453	-7.804	-5.231	-2.943	-1.306	-0.770	-1.623	-3.763	-6.503	-8.964
461	4.60	-10.255	-9.987	-8.448	-6.478	-5.040	-4.736	-5.493	-6.615	-7.174	-6.528
471	4.70	-4.695	-2.373	-0.575	-0.087	-1.026	-2.754	-4.198	-4.625	-3.164	-0.999
481	4.80	0.879	1.253	-0.499	-4.066	-8.301	-11.729	-13.199	-12.378	-9.841	-6.751
491	4.90	-4.281	-3.102	-3.144	-3.755	-4.126	-3.751	-2.696	-1.530	-0.993	-1.576

Table 7—17—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1164 913-GR-1-S HB. (HB.) AHATSU BRIDGE MAX. ACC. = 32.857 (GAL) T= 10.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.231	-5.369	-7.107	-7.675	-6.741	-4.538	-1.734	0.866	2.639	3.339
511	5.10	3.108	2.323	1.398	0.619	0.104	-0.147	-0.163	0.055	0.521	1.199
521	5.20	1.940	2.479	2.527	1.902	0.657	-0.893	-2.259	-2.970	-2.775	-1.766
531	5.30	-0.353	0.900	1.517	1.309	0.443	-0.649	-1.696	-1.814	-1.643	-1.303
541	5.40	-1.198	-1.562	-2.275	-2.855	-2.660	-1.200	1.568	5.117	8.482	10.597
551	5.50	10.709	8.683	5.062	0.854	-2.856	-5.306	-6.288	-6.116	-5.389	-4.657
561	5.60	-4.174	-3.854	-3.424	-2.671	-1.650	-0.704	-0.300	-0.757	-2.020	-3.608
571	5.70	-4.790	-4.900	-3.651	-1.286	1.516	3.924	5.300	5.447	4.628	3.392
581	5.80	2.258	1.624	1.403	1.429	1.516	1.648	2.024	2.889	4.324	6.076
591	5.90	7.574	8.146	7.345	5.220	2.375	-0.238	-1.724	-1.649	-0.252	1.656
601	6.00	3.074	3.301	2.291	0.705	-0.388	-0.030	2.139	5.656	9.381	11.965
611	6.10	12.424	10.557	7.017	3.024	-0.159	-1.729	-1.614	-0.408	0.966	1.680
621	6.20	1.319	-0.049	-2.020	-4.123	-6.024	-7.581	-8.740	-9.384	-9.261	-8.062
631	6.30	-5.640	-2.220	1.536	4.689	6.377	6.188	4.371	1.751	-0.633	-1.994
641	6.40	-2.149	-1.555	-1.011	-1.180	-2.160	-3.363	-3.768	-2.449	0.882	5.604
651	6.50	10.332	13.454	13.807	11.196	6.505	1.364	-2.496	-3.894	-2.588	0.731
661	6.60	4.809	8.361	10.513	11.007	10.118	8.397	6.400	4.530	3.016	1.997
671	6.70	1.593	1.898	2.993	4.403	5.921	7.055	7.154	6.009	4.708	0.168
681	6.80	-2.607	-5.516	-7.494	-8.950	-9.237	-8.581	-7.047	-4.786	-2.096	0.536
691	6.90	2.511	3.293	2.632	0.726	-1.785	-4.014	-5.149	-4.767	-3.008	-0.520
701	7.00	1.805	3.187	3.268	2.232	0.708	-0.509	-0.790	0.079	1.810	3.724
711	7.10	5.003	4.984	3.399	0.682	-3.083	-6.360	-8.436	-8.688	-6.994	-3.764
721	7.20	0.171	3.810	6.299	7.183	6.533	4.875	2.963	1.477	0.778	0.805
731	7.30	1.166	1.370	1.086	0.318	0.598	-1.166	-1.011	-0.118	1.079	1.819
741	7.40	1.311	-0.897	-4.652	-9.146	-13.330	-15.339	-14.970	-12.030	-7.387	-2.505
751	7.50	1.081	2.343	1.160	-1.630	-4.560	-6.127	-5.415	-2.461	1.772	5.824
761	7.60	8.376	8.799	7.381	5.111	3.161	2.200	2.249	2.557	2.170	0.514
771	7.70	-2.177	-4.877	-6.231	-5.273	-2.018	2.379	6.042	7.192	4.994	0.024
781	7.80	-5.895	-10.431	-11.741	-9.257	-3.923	2.240	7.010	8.887	7.638	4.263
791	7.90	0.434	-2.283	-3.054	-1.980	0.150	2.373	4.038	5.035	5.669	6.332
801	8.00	7.163	7.914	8.083	7.221	5.240	2.518	-0.224	-2.247	-3.126	-2.939
811	8.10	-2.216	-1.695	-1.977	-3.375	-5.629	-8.193	-10.349	-11.654	-11.116	-9.286
821	8.20	-6.259	-2.602	0.966	3.739	5.202	5.176	3.867	1.790	-0.440	-2.362
831	8.30	-3.861	-5.181	-6.748	-8.865	-11.431	-13.857	-15.239	-14.748	-12.052	-7.553
841	8.40	-2.309	2.356	5.382	6.391	5.796	4.542	3.613	3.559	4.278	5.159
851	8.50	5.506	5.002	3.960	3.207	3.652	5.757	9.177	12.794	15.122	14.924
861	8.60	11.748	6.129	-0.619	-6.921	-11.911	-13.815	-13.996	-12.704	-10.687	-8.492
871	8.70	-6.369	-4.384	-2.615	-1.268	-0.635	-0.890	-1.891	-3.103	-3.758	-3.182
881	8.80	-1.148	1.942	5.155	7.385	7.811	6.234	3.529	-0.529	-3.819	-6.131
891	8.90	-7.611	-8.044	-8.559	-9.301	-10.264	-11.155	-11.633	-11.566	-11.140	-10.742
901	9.00	-10.685	-10.926	-10.965	-10.023	-7.415	-2.975	2.727	8.686	12.866	14.753
911	9.10	13.789	10.507	6.105	1.973	-0.798	-1.738	-1.010	0.814	3.075	5.278
921	9.20	7.159	8.632	9.568	9.955	9.771	9.225	8.791	9.095	10.611	13.302
931	9.30	16.412	18.576	18.284	14.531	7.369	-1.916	-11.144	-17.999	-20.885	-19.528
941	9.40	-15.035	-9.387	-4.597	-1.894	-1.315	-1.853	-2.020	-0.876	1.910	5.447
951	9.50	8.262	8.928	6.713	1.920	-4.221	-10.033	-14.017	-15.361	-14.169	-11.219
961	9.60	-7.783	-4.969	-3.467	-3.359	-4.177	-5.115	-5.312	-4.130	-1.345	2.729
971	9.70	7.567	12.120	15.583	17.382	17.381	15.869	13.413	10.634	8.010	5.798
981	9.80	4.089	2.936	2.461	2.834	4.139	6.173	8.349	9.783	9.599	7.329
991	9.90	3.219	-1.749	-6.164	-8.739	-8.854	-6.841	-3.861	-1.403	-0.643	-1.951

Table 7—17—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1164 913-GR-1-5 HB. (HB.) AMATSU BRIDGE MAX. ACC. = 32.857 (GAL) T= 10.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.773	-7.942	-10.237	-10.936	-10.062	-8.257	-6.345	-4.857	-3.757	-2.529
1011	10.10	-0.563	2.488	6.240	9.834	12.229	12.730	11.381	9.024	7.001	6.634
1021	10.20	8.701	13.149	19.127	25.289	30.231	32.857	32.589	29.390	23.669	16.161
1031	10.30	7.805	-0.354	-7.310	-12.270	-14.857	-15.237	-14.095	-12.429	-11.214	-11.064
1041	10.40	-12.024	-13.508	-15.037	-15.601	-14.956	-13.247	-11.010	-8.908	-7.444	-6.778
1051	10.50	-6.717	-6.862	-6.837	-6.473	-5.883	-5.396	-5.391	-6.107	-7.493	-9.156
1061	10.60	-10.416	-10.471	-8.628	-4.549	1.548	8.826	15.948	21.387	23.857	22.738
1071	10.70	18.328	11.812	4.926	-0.587	-3.527	-3.600	-1.444	1.660	4.285	5.336
1081	10.80	4.362	1.487	-2.594	-7.107	-11.336	-14.756	-17.017	-17.887	-17.241	-15.126
1091	10.90	-11.845	-7.986	-4.308	-1.496	0.131	0.800	1.240	2.400	5.025	9.287
1101	11.00	14.629	19.917	23.822	25.276	23.806	19.616	13.435	6.228	-1.061	-7.643
1111	11.10	-12.889	-16.283	-17.445	-16.254	-13.030	-8.639	-4.380	-1.642	-1.398	-3.781
1121	11.20	-7.938	-12.286	-15.096	-15.166	-12.306	-7.397	-2.007	2.252	4.357	4.193
1131	11.30	2.458	0.243	-1.507	-2.350	-2.402	-2.099	-1.834	-1.710	-1.536	-1.057
1141	11.40	-0.265	0.425	0.274	-1.425	-4.902	-9.608	-14.250	-17.181	-17.008	-13.155
1151	11.50	-6.142	2.554	10.978	17.335	20.524	20.373	17.548	13.198	8.535	4.499
1161	11.60	1.620	0.050	-0.299	0.376	1.834	3.796	5.903	7.721	8.785	8.707
1171	11.70	7.280	4.552	0.826	-3.410	-7.593	-11.207	-13.867	-15.367	-15.679	-14.920
1181	11.80	-13.310	-11.129	-8.681	-6.281	-4.228	-2.783	-2.124	-2.286	-3.102	-4.183
1191	11.90	-6.955	-4.792	-3.200	-0.003	4.533	9.725	14.642	18.380	20.344	20.428
1201	12.00	19.011	16.795	14.529	12.769	11.733	11.332	11.297	11.342	11.260	10.923
1211	12.10	10.198	8.883	6.709	3.454	-0.882	-5.956	-11.074	-15.376	-18.115	-18.943
1221	12.20	-18.063	-16.153	-14.105	-12.672	-12.170	-12.375	-12.638	-12.169	-10.373	-7.095
1231	12.30	-2.694	2.066	6.250	9.044	9.968	9.004	6.593	3.507	0.651	-1.187
1241	12.40	-1.545	-0.522	1.732	4.182	6.176	7.233	7.327	6.886	6.571	6.953
1251	12.50	8.193	9.915	11.318	11.507	9.891	5.470	0.855	-2.972	-7.065	-9.288
1261	12.60	-11.480	-12.337	-13.084	-14.099	-15.295	-16.150	-15.995	-14.375	-11.330	-7.630
1271	12.70	-3.553	-0.521	1.238	1.827	1.770	1.718	2.118	3.013	4.051	4.698
1281	12.80	4.523	3.426	1.700	-0.089	-1.329	-1.589	-0.760	0.945	3.086	5.136
1291	12.90	6.608	7.139	6.541	4.832	2.277	-0.618	-3.157	-4.612	-4.432	-2.463
1301	13.00	0.931	4.218	8.435	10.524	10.662	8.925	5.925	2.541	-0.437	-2.601
1311	13.10	-4.012	-5.073	-6.240	-7.739	-9.418	-10.818	-11.819	-10.931	-9.472	-7.537
1321	13.20	-5.762	-4.603	-4.094	-3.815	-3.107	-1.420	1.362	4.805	8.088	10.374
1331	13.30	11.220	10.810	9.893	9.427	10.104	11.964	14.317	16.011	15.943	13.567
1341	13.40	9.183	3.844	-1.063	-4.377	-5.600	-5.025	-3.513	-2.030	-1.197	-1.069
1351	13.50	-1.221	-1.100	-0.423	0.591	1.286	0.906	-0.968	-4.109	-7.646	-10.380
1361	13.60	-11.293	-10.006	-6.967	-3.283	-0.260	1.140	0.675	-1.119	-3.201	-4.502
1371	13.70	-4.379	-2.841	-0.490	1.799	3.266	3.560	2.809	1.464	0.026	-1.212
1381	13.80	-2.249	-3.305	-4.608	-6.189	-7.790	-8.929	-9.111	-8.054	-5.839	-2.292
1391	13.90	0.175	2.810	4.722	5.954	6.801	7.624	8.639	9.804	10.830	11.325
1401	14.00	10.981	9.725	7.758	5.475	3.309	1.584	0.435	-0.167	-0.318	-0.078
1411	14.10	0.573	1.691	3.257	5.073	6.725	7.673	7.447	5.858	3.153	0.003
1421	14.20	-2.675	-4.024	-3.551	-1.328	2.006	5.445	7.946	8.766	7.683	5.030
1431	14.30	1.543	-1.914	-4.626	-6.218	-6.701	-6.353	-5.706	-5.085	-4.804	-5.001
1441	14.40	-5.697	-6.846	-8.349	-10.036	-11.625	-12.721	-12.881	-11.743	-9.195	-5.491
1451	14.50	-1.259	2.640	5.353	6.319	5.457	3.196	0.322	-2.304	-6.036	-9.630
1461	14.60	-4.263	-3.377	-2.441	-1.743	-1.303	-0.930	-0.385	0.453	1.514	2.589
1471	14.70	3.480	4.153	4.803	5.775	7.372	9.637	12.236	14.500	15.655	15.114
1481	14.80	12.739	8.931	4.508	0.430	-2.535	-4.040	-4.219	-3.559	-2.651	-1.944
1491	14.90	-1.607	-1.528	-1.448	-1.143	-0.553	0.166	0.721	0.800	0.215	-1.035

Table 7—17—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1164 913-GR-1-5 HB. (HB.) AMATSU BRIDGE MAX. ACC. = 32.857 (GAL) T= 10.26 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.763	-4.670	-6.455	-7.903	-8.942	-9.632	-10.120	-10.564	-11.057	-11.584
1511	15.10	-12.003	-12.080	-11.559	-10.256	-8.142	-5.395	-2.384	0.405	2.503	3.594
1521	15.20	3.622	2.823	1.665	0.719	0.491	1.562	3.002	5.363	7.769	9.573
1531	15.30	10.233	9.467	7.339	4.244	0.802	-2.312	-4.553	-5.651	-5.658	-4.802
1541	15.40	-3.794	-2.747	-1.941	-1.327	-0.675	0.284	1.694	3.480	5.342	6.867
1551	15.50	7.695	7.671	6.911	5.761	4.656	3.944	3.760	3.982	4.304	4.372
1561	15.60	3.925	2.888	1.376	-0.374	-2.105	-3.631	-4.866	-5.807	-6.480	-6.892
1571	15.70	-7.008	-6.772	-6.144	-5.143	-3.852	-2.414	-0.993	0.248	1.169	1.656
1581	15.80	1.614	1.011	-0.114	-1.604	-3.187	-4.514	-5.260	-5.228	-4.438	-3.126
1591	15.90	-1.669	-0.429	0.387	0.806	1.058	1.432	2.108	3.021	3.859	4.190
1601	16.00	3.673	2.257	0.262	-1.708	-2.987	-3.122	-2.061	-0.180	1.873	3.448
1611	16.10	4.156	4.008	3.374	2.789	2.698	3.256	4.273	5.305	5.855	5.565
1621	16.20	4.346	2.382	0.037	-2.273	-4.200	-5.524	-6.162	-6.145	-5.596	-4.704
1631	16.30	-3.709	-2.853	-2.330	-2.221	-2.466	-2.893	-3.293	-3.523	-3.577	-3.577
1641	16.40	-3.699	-4.054	-4.596	-5.115	-5.319	-4.976	-4.035	-2.662	-1.170	0.131
1651	16.50	1.070	1.677	2.123	2.581	3.084	3.466	3.439	2.758	1.407	-0.321
1661	16.60	-1.896	-2.258	-2.574	-1.411	0.257	1.734	2.383	1.901	0.447	-1.418
1671	16.70	-2.944	-3.470	-2.644	-0.511	2.545	5.948	9.097	11.498	12.822	12.948
1681	16.80	11.923	9.999	7.588	5.213	3.385	2.480	2.503	3.242	4.149	4.622
1691	16.90	4.227	2.875	0.872	-1.188	-2.653	-3.049	-2.251	-0.492	1.747	3.928
1701	17.00	5.633	6.645	6.936	6.580	5.663	4.235	2.337	0.063	-2.382	-4.669
1711	17.10	-6.413	-7.279	-7.096	-5.930	-4.082	-2.010	-0.217	0.878	1.041	0.272
1721	17.20	-1.195	-2.942	-4.472	-5.325	-5.210	-4.101	-2.263	-0.198	1.495	2.308
1731	17.30	1.995	0.661	-1.263	-3.155	-4.413	-4.645	-3.784	-2.086	-0.014	1.928
1741	17.40	3.361	4.119	4.253	3.964	3.492	3.037	2.710	2.537	2.501	2.572
1751	17.50	2.723	2.925	3.122	3.220	3.100	2.656	1.847	0.750	-0.442	-1.447
1761	17.60	-1.979	-1.851	-1.053	0.209	1.557	2.547	2.818	2.232	0.949	-0.643
1771	17.70	-1.975	-2.578	-2.229	-1.064	0.443	1.630	1.880	0.844	-1.424	-4.481
1781	17.80	-7.643	-10.207	-11.672	-11.868	-10.954	-9.310	-7.365	-5.449	-3.720	-2.171
1791	17.90	-0.712	0.742	2.210	3.627	4.882	5.865	6.458	6.755	6.640	6.184
1801	18.00	5.429	4.443	3.327	2.205	1.201	0.391	-0.220	-0.706	-1.159	-1.645
1811	18.10	-2.120	-2.430	-2.356	-1.721	-0.491	1.158	2.869	4.205	4.812	4.546
1821	18.20	3.536	2.132	0.777	-0.158	-0.501	-0.312	0.188	0.643	0.889	0.831
1831	18.30	0.552	0.222	0.006	-0.020	0.100	0.233	0.220	-0.053	-0.609	-1.387
1841	18.40	-2.281	-3.187	-4.049	-4.862	-5.644	-6.402	-7.096	-7.639	-7.930	-7.913
1851	18.50	-7.619	-7.190	-6.840	-6.784	-7.148	-7.902	-8.854	-9.701	-10.141	-9.973
1861	18.60	-9.174	-7.885	-6.344	-4.772	-3.285	-1.865	-0.409	1.180	2.890	4.566
1871	18.70	5.953	6.806	7.001	6.622	5.918	5.202	4.706	4.469	4.331	4.021
1881	18.80	3.312	2.158	0.749	-0.559	-1.593	-1.528	-0.984	-0.009	1.037	1.856
1891	18.90	2.328	2.544	2.724	3.078	3.675	4.392	4.963	5.096	4.612	3.527
1901	19.00	2.049	0.502	-0.789	-1.600	-1.859	-1.639	-1.110	-0.481	0.055	0.361
1911	19.10	0.380	0.149	-0.200	-0.472	-0.459	-0.010	0.897	2.136	3.458	4.579
1921	19.20	5.275	5.466	5.221	4.717	4.166	3.641	3.267	2.947	2.715	2.566
1931	19.30	2.544	2.671	2.884	3.005	2.796	2.073	0.839	-0.649	-1.931	-2.513
1941	19.40	-2.085	-0.695	1.225	3.004	3.982	3.832	2.608	0.814	-0.865	-1.841
1951	19.50	-1.864	-1.109	-0.066	0.689	0.753	0.052	-1.152	-2.404	-3.257	-3.445
1961	19.60	-2.960	-2.006	-0.886	0.135	0.904	1.401	1.690	1.858	1.976	2.079
1971	19.70	2.183	2.299	2.439	2.605	2.768	2.865	2.811	2.522	1.951	1.111
1981	19.80	0.080	-1.007	-1.980	-2.668	-2.929	-2.690	-1.983	-0.962	0.117	0.952
1991	19.90	1.287	1.010	0.205	-0.861	-1.831	-2.399	-2.638	-2.059	-1.568	-1.333

Table 7—17—5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1164 913-GR-1-S HB. (HB.) AMATSU BRIDGE MAX. ACC. = 32.857 (GAL) T= 10.26 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	-1.627	-2.502	-3.771	-5.084	-6.077	-6.518	-6.387	-5.869	-5.165	-4.562
2011	20.10	-4.151	-3.909	-3.730	-3.504	-3.179	-2.771	-2.336	-1.918	-1.520	-1.116
2021	20.20	-0.684	-0.251	0.095	0.236	0.088	-0.369	-0.967	-1.584	-2.015	-2.144
2031	20.30	-1.965	-1.570	-1.096	-0.660	-0.313	-0.041	0.213	0.503	0.858	1.278
2041	20.40	1.753	2.275	2.835	3.409	3.929	4.291	4.385	4.157	3.658	3.054
2051	20.50	2.579	2.455	2.694	3.244	3.815	4.083	3.809	2.946	1.671	0.322
2061	20.60	-0.733	-1.235	-1.121	-0.529	0.272	0.991	1.404	1.404	0.989	0.229
2071	20.70	-0.771	-1.889	-2.976	-3.866	-4.388	-4.424	-3.967	-3.158	-2.272	-1.637
2081	20.80	-1.516	-1.999	-2.957	-4.076	-4.969	-5.326	-5.023	-4.169	-3.056	-2.036
2091	20.90	-1.392	-1.233	-1.469	-1.862	-2.122	-2.024	-1.479	-0.553	0.569	1.655
2101	21.00	2.510	3.019	3.169	3.024	2.685	2.253	1.814	1.441	1.212	1.219
2111	21.10	1.555	2.269	3.321	4.553	5.704	6.484	6.681	6.259	5.401	4.458
2121	21.20	3.827	3.779	4.338	5.248	6.069	6.348	5.815	4.499	2.720	0.963
2131	21.30	-0.324	-0.891	-0.763	-0.192	0.478	0.955	1.087	0.859	0.322	-0.486
2141	21.40	-1.578	-2.981	-4.668	-6.393	-7.901	-8.813	-8.887	-8.111	-6.744	-5.210
2151	21.50	-3.923	-3.105	-2.696	-2.411	-1.911	-1.006	0.218	1.414	2.136	2.048
2161	21.60	1.103	-0.426	-2.056	-3.300	-3.862	-3.727	-3.117	-2.366	-1.657	-1.132
2171	21.70	-0.706	-0.268	0.227	0.709	1.036	1.101	0.932	0.723	0.757	1.258
2181	21.80	2.251	3.504	4.604	5.123	4.817	3.748	2.269	0.899	0.112	0.171
2191	21.90	1.046	2.464	4.035	5.401	6.360	6.781	6.769	6.395	5.751	4.920
2201	22.00	3.997	3.103	2.377	1.934	1.806	1.912	2.072	2.069	1.735	1.026
2211	22.10	0.045	-0.990	-1.824	-2.241	-2.133	-1.511	-0.486	0.771	2.073	3.251
2221	22.20	4.168	4.735	4.912	4.716	4.214	3.510	2.716	1.923	1.184	0.509
2231	22.30	-0.115	-0.708	-1.275	-1.808	-2.298	-2.744	-3.165	-3.577	-3.985	-4.362
2241	22.40	-4.653	-4.502	-4.281	-4.618	-4.388	-4.184	-4.061	-4.006	-3.934	-3.731
2251	22.50	-3.317	-2.709	-2.032	-1.485	-1.250	-1.407	-1.872	-2.411	-2.716	-2.523
2261	22.60	-1.715	-0.381	1.205	2.669	3.657	3.941	3.487	2.455	1.098	-0.237
2271	22.70	-1.291	-1.913	-2.085	-1.904	-1.521	-1.084	-0.683	-0.330	0.026	0.459
2281	22.80	1.007	1.665	2.270	2.742	2.931	2.777	2.309	1.660	0.914	0.254
2291	22.90	-0.278	-0.678	-0.977	-1.188	-1.284	-1.206	-0.906	-0.397	0.209	0.720
2301	23.00	0.928	0.688	-0.014	-1.051	-2.206	-3.261	-4.079	-4.650	-5.059	-5.622
2311	23.10	-5.798	-6.152	-6.366	-6.310	-5.920	-5.266	-4.439	-3.682	-3.103	-2.714
2321	23.20	-2.409	-2.034	-1.480	-0.768	-0.057	0.498	0.407	-0.168	-1.154	-2.340
2331	23.30	-3.360	-3.915	-3.856	-3.225	-2.224	-1.135	-0.219	0.359	0.558	0.442
2341	23.40	0.129	-0.262	-0.651	-1.006	-1.332	-1.648	-1.954	-2.224	-2.407	-2.441
2351	23.50	-2.286	-1.944	-1.478	-0.992	-0.604	-0.393	-0.365	-0.432	-0.445	-0.254
2361	23.60	0.214	0.905	1.632	2.136	2.187	1.686	0.728	-0.419	-1.405	-1.928
2371	23.70	-1.852	-1.255	-0.391	0.418	0.920	1.024	0.831	0.567	0.482	0.736
2381	23.80	1.344	2.181	3.051	3.764	4.206	4.341	4.206	3.864	3.282	2.534
2391	23.90	1.627	0.641	-0.284	-0.969	-1.268	-1.127	-0.633	0.010	0.548	0.775
2401	24.00	0.614	0.146	-0.430	-0.883	-1.054	-0.916	-0.578	-0.232	-0.054	-0.134
2411	24.10	-0.439	-0.838	-1.166	-1.299	-1.201	-0.921	-0.554	-0.192	0.120	0.384
2421	24.20	0.628	0.866	1.073	1.208	1.231	1.155	1.062	1.081	1.336	1.888
2431	24.30	2.686	3.589	4.408	4.992	5.283	5.337	5.281	5.241	5.278	5.356
2441	24.40	5.370	5.207	4.813	4.226	3.562	2.952	2.481	2.154	1.917	1.712
2451	24.50	1.541	1.495	1.724	2.360	3.431	4.816	6.267	7.479	8.208	8.366
2461	24.60	7.940	7.148	6.156	5.119	4.135	3.280	2.652	2.396	2.669	3.563
2471	24.70	5.018	6.799	8.548	9.920	10.737	11.072	11.212	11.511	12.173	13.090
2481	24.80	13.825	13.755	12.338	9.378	5.170					

Table 7—18—1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.000	3.077	3.710	2.467	-0.474	-4.162	-7.189	-8.227	-6.548	-2.285
11	0.10	3.655	9.988	15.526	19.526	21.776	22.418	21.680	19.670	16.369	11.790
21	0.20	6.185	0.152	-5.458	-9.787	-12.244	-12.674	-11.322	-8.652	-5.124	-1.075
31	0.30	3.249	7.553	11.372	14.079	15.059	13.964	10.907	6.478	1.551	-3.015
41	0.40	-6.629	-9.039	-10.218	-10.152	-8.717	-5.726	-1.169	4.537	10.443	15.270
51	0.50	17.844	17.592	14.826	10.639	6.433	3.297	1.543	0.651	-0.354	-2.271
61	0.60	-5.203	-8.407	-10.630	-10.750	-8.396	-4.198	0.422	3.892	5.168	4.145
71	0.70	1.609	-1.220	-3.300	-4.187	-4.095	-3.589	-3.146	-2.856	-2.438	-1.569
81	0.80	-0.160	1.257	1.894	1.060	-1.311	-4.427	-6.842	-7.066	-4.298	1.087
91	0.90	7.555	12.976	15.475	14.193	9.605	3.251	-2.956	-7.524	-9.901	-10.492
101	1.00	-10.238	-9.990	-10.027	-9.950	-8.984	-6.503	-2.483	2.363	6.840	9.782
111	1.10	10.568	9.361	6.986	4.476	2.557	1.292	0.096	-1.906	-5.344	-10.163
121	1.20	-15.377	-19.502	-20.891	-18.446	-12.032	-2.573	8.218	18.339	26.061	30.205
131	1.30	30.468	27.112	20.835	12.532	3.164	-6.270	-14.738	-21.232	-24.920	-25.359
141	1.40	-22.658	-17.509	-11.018	-4.384	1.441	5.977	9.215	11.417	12.803	13.321
151	1.50	12.605	10.171	5.750	-0.410	-7.435	-13.995	-18.687	-20.479	-19.037	-14.793
161	1.60	-8.755	-2.155	3.902	8.668	11.796	13.256	13.199	11.874	9.598	6.762
171	1.70	3.801	1.106	-1.112	-2.901	-4.540	-6.361	-8.505	-10.740	-12.452	-12.872
181	1.80	-11.438	-8.140	-3.639	0.910	4.294	5.740	5.229	3.483	1.609	0.580
191	1.90	0.794	1.931	3.176	3.661	2.924	1.116	-1.111	-2.976	-3.968	-4.071
201	2.00	-3.678	-3.271	-3.064	-2.839	-2.077	-0.332	2.378	5.402	7.640	8.033
211	2.10	6.106	2.285	-2.202	-5.822	-7.395	-6.589	-4.014	-0.865	1.694	3.075
221	2.20	3.476	3.648	4.370	5.934	7.921	9.398	9.430	7.602	4.284	0.475
231	2.30	-2.691	-4.495	-4.947	-4.686	-4.539	-4.979	-5.811	-6.267	-5.462	-2.976
241	2.40	0.783	4.647	7.186	7.390	5.183	1.513	-2.064	-4.078	-3.795	-1.507
251	2.50	1.660	4.298	5.347	4.488	2.153	-0.806	-3.570	-5.673	-7.055	-7.800
261	2.60	-7.948	-7.227	-5.184	-1.471	3.814	9.944	15.659	19.533	20.454	18.019
271	2.70	-12.676	-5.572	-1.800	-8.038	-12.170	-13.821	-13.191	-10.893	-7.716	-4.382
281	2.80	-1.357	1.243	3.609	6.072	8.837	11.752	14.213	15.293	14.100	10.213
291	2.90	4.011	-3.302	-10.039	-14.624	-16.186	-14.882	-11.770	-8.294	-5.597	-4.032
301	3.00	-3.078	-1.740	0.808	4.643	8.910	12.130	12.862	10.388	5.087	-1.687
311	3.10	-8.154	-12.807	-14.923	-14.672	-12.819	-10.221	-7.414	-4.486	-1.274	2.275
321	3.20	5.825	8.633	9.814	8.759	5.465	0.608	-4.680	-9.216	-12.158	-13.198
331	3.30	-12.520	-10.574	-7.832	-4.638	-1.223	2.204	5.365	7.916	9.546	10.117
341	3.40	9.731	8.681	7.316	5.879	4.430	2.902	1.225	-0.531	-2.126	-3.240
351	3.50	-3.645	-3.356	-2.664	-2.025	-1.849	-2.312	-3.279	-4.378	-5.176	-5.357
361	3.60	-4.808	-3.587	-1.815	0.413	3.041	5.968	8.930	11.448	12.906	12.749
371	3.70	10.717	7.011	2.277	-2.567	-6.622	-9.259	-10.251	-9.748	-8.118	-5.778
381	3.80	-3.068	-0.231	2.549	5.091	7.204	8.713	9.507	9.560	8.696	7.536
391	3.90	5.468	2.683	-0.719	-4.411	-7.802	-10.140	-10.748	-9.311	-6.081	-1.876
401	4.00	2.153	4.909	5.765	4.677	2.348	-0.268	-2.259	-3.112	-2.836	-1.852
411	4.10	-0.705	0.219	0.861	1.447	2.283	3.513	4.962	6.163	6.555	5.743
421	4.20	3.712	0.865	-2.122	-4.569	-6.056	-6.556	-6.376	-5.971	-5.669	-5.512
431	4.30	-5.237	-4.445	-2.845	-0.462	2.316	4.865	6.595	7.209	6.847	6.010
441	4.40	5.320	5.215	5.739	6.522	6.974	6.595	5.243	3.236	1.223	-0.107
451	4.50	-0.340	0.481	1.880	3.166	3.731	3.280	1.900	-0.043	-2.100	-3.917
461	4.60	-5.316	-6.250	-6.713	-6.675	-6.096	-5.012	-3.612	-2.235	-1.255	-0.899
471	4.70	-1.109	-1.527	-1.663	-1.141	0.079	1.658	3.040	3.752	3.688	3.192
481	4.80	2.888	3.321	3.590	6.195	7.191	6.613	3.972	-0.432	-5.542	-9.930
491	4.90	-12.363	-12.288	-10.015	-6.522	-3.008	-0.405	0.904	1.068	0.508	-0.407

Table 7—18—2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.551	-2.992	-4.760	-6.591	-7.843	-7.663	-5.367	-0.832	5.301	11.743
511	5.10	16.974	19.775	19.644	16.917	12.546	7.661	3.127	-0.693	-3.883	-6.686
521	5.20	-9.162	-10.975	-11.460	-9.924	-6.062	-0.267	6.323	12.091	15.437	15.308
531	5.30	11.552	4.972	-2.958	-10.567	-16.485	-19.972	-20.970	-19.906	-17.360	-13.775
541	5.40	-9.337	-4.070	1.926	8.235	14.041	18.267	19.912	18.438	14.034	7.625
551	5.50	0.603	-5.613	-10.018	-12.261	-12.624	-11.755	-10.316	-8.716	-7.042	-5.197
561	5.60	-3.135	-1.043	0.648	1.443	1.044	-0.434	-2.453	-4.221	-5.015	-4.455
571	5.70	-2.624	0.037	2.985	5.840	8.513	11.121	13.756	16.228	17.946	18.037
581	5.80	15.668	10.440	2.686	-6.487	-15.424	-22.359	-25.898	-25.383	-21.032	-13.832
591	5.90	-5.255	3.105	9.870	14.112	15.461	14.090	10.631	5.929	0.917	-3.592
601	6.00	-7.005	-8.973	-9.350	-8.120	-5.364	-1.285	3.702	8.891	13.277	15.699
611	6.10	15.113	10.934	3.307	-6.815	-17.833	-27.878	-35.258	-38.845	-38.251	-33.793
621	6.20	-26.277	-16.746	-6.266	4.166	13.644	21.355	26.626	29.038	28.546	25.538
631	6.30	20.774	15.189	9.647	4.739	0.714	-2.448	-4.846	-6.497	-7.266	-6.934
641	6.40	-5.371	-2.692	0.680	4.109	6.941	8.728	9.349	8.980	7.940	6.487
651	6.50	4.687	2.418	-0.495	-4.078	-8.074	-11.924	-14.911	-16.382	-15.961	-13.651
661	6.60	-9.804	-4.976	0.242	5.350	9.973	13.833	16.684	18.305	18.526	17.296
671	6.70	14.736	11.139	6.882	2.342	-2.169	-6.396	-10.071	-12.824	-14.179	-13.650
681	6.80	-10.949	-6.190	-0.000	6.568	12.321	16.295	18.070	17.865	16.373	14.592
691	6.90	12.444	10.551	8.291	5.115	0.755	-4.484	-9.721	-13.791	-15.731	-15.204
701	7.00	-12.658	-9.139	-5.838	-3.575	-2.493	-2.072	-1.463	0.039	2.637	5.933
711	7.10	9.148	11.495	12.529	12.266	11.067	9.369	7.452	5.398	3.241	1.212
721	7.20	-0.147	-0.112	1.844	5.604	10.160	13.763	14.484	10.985	3.151	-7.732
731	7.30	-19.359	-29.217	-35.454	-37.426	-35.703	-31.546	-26.191	-20.280	-13.763	-6.259
741	7.40	2.334	11.351	19.310	24.353	24.985	20.760	12.550	2.284	-7.726	-15.517
751	7.50	-20.130	-21.375	-19.818	-16.171	-11.006	-4.736	2.155	8.856	14.183	16.844
761	7.60	15.941	11.439	4.332	-3.621	-10.501	-14.894	-16.303	-15.134	-12.290	-8.623
771	7.70	-4.551	-0.038	5.100	10.758	16.281	20.540	22.355	21.019	16.655	10.209
781	7.80	3.086	-3.357	-8.195	-11.004	-11.650	-9.973	-5.665	1.543	11.419	22.806
791	7.90	33.528	40.831	42.262	36.636	24.634	8.700	-7.752	-21.531	-30.724	-35.155
801	8.00	-36.083	-35.326	-34.269	-33.200	-31.436	-27.848	-21.759	-13.528	-4.591	3.094
811	8.10	7.890	9.200	7.685	4.907	2.570	1.765	2.567	4.161	5.377	5.350
821	8.20	3.953	1.812	-0.077	-0.891	-0.404	0.920	2.195	2.587	1.741	-0.032
831	8.30	-1.891	-2.838	-2.143	0.375	4.310	8.863	13.161	16.543	18.715	19.717
841	8.40	19.774	19.091	17.720	15.543	12.380	8.185	3.227	-1.809	-5.887	-7.840
851	8.50	-6.712	-2.100	5.614	15.247	25.068	33.107	37.822	38.268	34.359	26.766
861	8.60	16.662	5.402	-5.747	-15.760	-23.908	-29.753	-33.141	-34.211	-33.363	-31.167
871	8.70	-28.180	-24.731	-20.781	-15.964	-9.844	-2.306	6.093	14.026	19.647	21.170
881	8.80	17.542	8.952	-3.096	-16.176	-27.682	-35.615	-39.092	-38.412	-36.666	-29.138
891	8.90	-22.760	-15.866	-8.313	0.163	9.566	19.432	28.901	36.984	42.856	46.042
901	9.00	46.393	43.934	38.720	30.816	20.457	8.287	-4.480	-16.123	-24.758	-28.857
911	9.10	-27.751	-21.910	-12.855	-2.742	6.238	12.428	15.044	14.201	10.683	5.559
921	9.20	-0.155	-5.720	-10.723	-15.002	-18.531	-21.332	-23.443	-24.926	-25.884	-26.450
931	9.30	-25.722	-26.696	-26.212	-24.962	-22.591	-18.836	-13.681	-7.427	-0.655	5.937
941	9.40	11.763	16.531	20.296	23.319	25.783	27.492	27.719	25.351	19.318	9.202
951	9.50	-4.255	-18.983	-31.931	-39.855	-40.322	-32.523	-17.595	1.709	21.866	39.623
961	9.60	52.808	60.631	63.413	61.950	56.859	48.239	35.791	19.294	-0.826	-23.171
971	9.70	-45.460	-65.032	-79.518	-87.415	-88.330	-82.836	-72.090	-57.414	-40.051	-21.153
981	9.80	-1.919	16.273	31.909	43.575	50.316	51.944	49.122	43.192	35.781	28.360
991	9.90	21.913	16.861	13.077	10.360	8.508	7.591	7.944	10.022	14.169	20.359

Table 7—18—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	28.014	35.964	42.579	46.100	45.073	38.797	27.599	12.825	-3.497	-19.242
1011	10.10	-32.795	-43.458	-51.457	-57.562	-62.473	-66.274	-68.218	-66.975	-61.244	-50.442
1021	10.20	-35.157	-17.129	1.239	17.615	30.392	38.994	43.718	45.274	44.270	40.941
1031	10.30	35.221	27.037	16.948	5.823	-4.799	-13.365	-18.719	-20.401	-18.666	-14.148
1041	10.40	-7.748	-0.246	7.587	14.866	20.477	25.210	22.082	16.785	7.956	-2.924
1051	10.50	-14.049	-23.947	-32.120	-39.017	-45.579	-52.372	-58.808	-62.930	-61.946	-53.388
1061	10.60	-36.366	-12.332	15.288	41.169	61.690	74.290	79.046	78.003	73.923	68.882
1071	10.70	63.405	56.536	46.747	33.195	16.619	-0.591	-15.226	-26.568	-27.528	-25.029
1081	10.80	-19.480	-13.595	-9.199	-6.601	-4.826	-2.543	0.856	4.632	6.883	5.460
1091	10.90	-0.861	-11.567	-24.401	-36.178	-44.047	-46.574	-44.150	-38.541	-31.875	-25.564
1101	11.00	-19.740	-13.422	-5.309	5.255	17.650	29.996	39.802	44.921	44.369	38.537
1111	11.10	29.122	18.268	7.951	-0.511	-6.558	-10.200	-11.734	-11.547	-10.044	-7.784
1121	11.20	-5.277	-3.060	-1.286	-0.063	1.520	4.169	8.460	14.356	21.038	27.070
1131	11.30	30.835	31.082	27.347	20.102	10.591	0.475	-8.581	-15.232	-18.642	-18.564
1141	11.40	-15.344	-9.880	-3.507	2.233	5.937	6.709	4.430	-0.232	-6.102	-11.973
1151	11.50	-17.080	-21.334	-25.188	-29.206	-33.535	-37.586	-40.102	-39.637	-35.226	-26.935
1161	11.60	-16.009	-4.526	5.304	11.888	14.734	14.466	12.416	10.006	8.217	7.367
1171	11.70	7.253	7.515	8.010	8.980	10.939	14.333	19.170	24.794	29.918	32.931
1181	11.80	32.355	27.308	17.806	4.835	-9.836	-24.025	-35.628	-43.037	-45.456	-42.986
1191	11.90	-36.681	-27.238	-16.617	-5.732	4.685	14.229	22.652	29.357	34.506	36.896
1201	12.00	36.274	32.568	26.120	17.832	8.749	-0.126	-8.074	-14.726	-19.982	-23.863
1211	12.10	-26.389	-27.572	-27.490	-26.378	-24.630	-22.678	-20.803	-18.988	-16.920	-14.170
1221	12.20	-10.685	-6.011	-1.328	2.767	5.619	7.043	7.419	7.492	7.966	9.104
1231	12.30	10.593	11.711	11.793	10.705	9.056	8.014	8.761	11.860	16.851	22.331
1241	12.40	26.500	27.967	26.302	22.434	18.082	15.082	14.546	16.371	19.280	21.374
1251	12.50	20.901	16.907	9.498	-0.362	-11.333	-22.295	-32.180	-40.840	-47.889	-52.891
1261	12.60	-55.175	-54.003	-48.905	-40.011	-28.172	-14.808	-1.541	10.229	19.600	26.218
1271	12.70	30.115	31.465	30.626	27.133	21.839	15.071	7.669	0.643	-5.119	-9.154
1281	12.80	-11.567	-12.935	-13.979	-15.179	-16.494	-17.346	-16.875	-14.357	-9.568	-2.945
1291	12.90	4.552	11.780	17.801	22.131	24.738	25.842	25.635	24.108	21.082	16.423
1301	13.00	10.318	3.440	-3.132	-8.211	-10.906	-10.935	-8.694	-5.058	-1.013	2.696
1311	13.10	5.729	8.066	9.765	10.711	10.541	8.804	5.268	0.219	-5.472	-10.559
1321	13.20	-13.877	-14.781	-15.470	-15.846	-15.852	-14.521	-12.057	-9.716	-7.538	-7.591
1331	13.30	-6.317	-3.753	-0.453	2.826	5.484	7.302	8.422	9.132	9.598	9.698
1341	13.40	9.069	7.327	4.333	0.362	-3.923	-7.669	-10.110	-10.768	-9.521	-6.517
1351	13.50	-2.043	3.563	9.896	16.391	22.245	26.458	28.041	26.316	21.224	13.434
1361	13.60	4.253	-4.710	-11.974	-16.556	-18.162	-17.151	-14.324	-10.653	-7.041	-4.184
1371	13.70	-2.537	-2.321	-3.546	-6.029	-9.395	-13.130	-16.655	-19.443	-21.116	-21.485
1381	13.80	-20.524	-18.294	-14.866	-10.293	-4.645	1.909	9.037	16.227	22.859	28.329
1391	13.90	32.176	34.161	34.265	32.624	29.441	24.931	19.320	12.892	6.037	-0.734
1401	14.00	-6.853	-11.807	-15.265	-17.165	-17.714	-17.308	-16.382	-15.274	-14.134	-12.924
1411	14.10	-11.501	-9.745	-7.674	-5.492	-3.541	-2.182	-1.636	-1.867	-2.570	-3.268
1421	14.20	-3.505	-3.044	-1.980	-0.712	0.242	0.503	0.044	-0.746	-1.201	-0.676
1431	14.30	1.137	4.021	7.279	10.015	11.521	11.597	10.647	9.482	8.930	9.424
1441	14.40	10.774	12.227	12.800	11.719	8.751	4.297	-0.813	-5.682	-9.698	-12.698
1451	14.50	-14.883	-16.573	-17.934	-18.860	-19.036	-18.148	-16.117	-13.152	-9.656	-5.995
1461	14.60	-2.290	1.614	5.974	10.843	15.809	19.954	22.112	21.325	17.319	10.739
1471	14.70	3.026	-4.050	-9.004	-11.132	-10.685	-8.653	-6.269	-4.483	-3.624	-3.391
1481	14.80	-3.133	-2.268	-0.605	1.547	3.540	4.700	4.645	3.448	1.666	-0.165
1491	14.90	-1.191	-1.048	0.341	2.731	5.657	8.553	10.853	12.077	11.893	10.179

Table 7—18—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.048	2.837	-1.974	-6.897	-11.555	-15.762	-19.490	-22.765	-25.526	-27.538
1511	15.10	-28.410	-27.716	-25.175	-20.783	-14.865	-7.886	-0.688	6.848	13.743	19.887
1521	15.20	24.914	28.342	29.620	28.321	24.387	18.311	11.128	4.184	-1.247	-4.359
1531	15.30	-5.043	-3.853	-1.733	0.369	1.828	2.472	2.477	2.111	1.494	0.483
1541	15.40	-1.232	-3.909	-7.479	-11.537	-15.356	-18.188	-19.539	-19.335	-17.884	-15.665
1551	15.50	-13.060	-10.182	-6.883	-2.946	1.652	6.564	11.096	14.423	15.926	15.454
1561	15.60	13.405	10.557	7.750	5.556	4.102	3.113	2.149	0.888	-0.686	-2.281
1571	15.70	-3.472	-3.936	-3.621	-2.752	-1.677	-0.653	0.295	1.367	2.806	4.680
1581	15.80	6.722	8.356	8.910	7.927	5.408	1.886	-1.741	-4.499	-5.675	-5.006
1591	15.90	-2.681	0.816	4.920	9.131	13.044	16.279	18.407	18.958	17.548	14.080
1601	16.00	8.892	2.763	-3.267	-8.199	-11.373	-12.599	-12.090	-10.229	-7.307	-3.397
1611	16.10	1.561	7.512	14.016	20.130	24.564	26.075	23.936	18.265	10.052	0.836
1621	16.20	-7.813	-14.796	-19.745	-22.944	-24.980	-26.310	-26.984	-26.643	-24.783	-21.139
1631	16.30	-15.960	-10.037	-4.446	-0.128	2.475	3.569	3.866	4.213	5.190	6.848
1641	16.40	8.700	9.959	9.898	8.162	4.912	0.759	-3.447	-6.876	-8.911	-9.230
1651	16.50	-7.795	-4.797	-0.604	4.264	9.166	13.395	16.298	17.424	16.653	14.247
1661	16.60	10.783	6.993	3.566	0.597	-0.974	-1.215	-1.108	-0.550	0.208	0.951
1671	16.70	1.480	1.580	1.042	-0.278	-2.377	-5.046	-7.873	-10.327	-11.899	-12.251
1681	16.80	-11.319	-9.328	-6.728	-4.047	-1.750	-0.121	0.771	1.033	0.842	0.337
1691	16.90	-0.459	-1.645	-3.368	-5.699	-8.515	-11.439	-13.885	-15.207	-14.895	-12.766
1701	17.00	-9.052	-4.358	0.510	4.780	7.923	9.764	10.662	10.380	9.908	9.330
1711	17.10	8.769	8.223	7.645	7.020	6.386	5.802	5.294	4.816	4.271	3.562
1721	17.20	2.672	1.692	0.792	0.135	-0.216	-0.357	-0.519	-0.972	-1.899	-3.308
1731	17.30	-5.210	-6.680	-7.965	-8.958	-9.438	-9.511	-9.057	-8.954	-8.804	-8.178
1741	17.40	1.630	2.209	1.696	0.106	-2.249	-4.793	-6.828	-7.751	-7.254	-5.430
1751	17.50	-2.728	0.215	2.795	4.623	5.584	5.786	5.423	4.659	3.576	2.219
1761	17.60	0.691	-0.785	-1.877	-2.253	-1.730	-0.388	1.422	3.195	4.462	4.975
1771	17.70	4.788	4.213	3.663	3.465	3.723	4.298	4.890	5.186	4.992	4.295
1781	17.80	3.241	2.057	0.951	0.047	-0.643	-1.205	-1.781	-2.534	-3.599	-5.033
1791	17.90	-6.773	-8.596	-10.136	-10.950	-10.669	-9.034	-6.196	-2.527	1.385	4.926
1801	18.00	7.637	9.323	10.055	10.071	9.638	8.948	8.094	7.117	6.088	5.151
1811	18.10	4.493	4.252	4.417	4.794	5.075	4.965	4.427	3.558	2.712	2.219
1821	18.20	2.195	2.422	2.394	1.531	-0.527	-3.704	-7.439	-10.859	-13.095	-13.609
1831	18.30	-12.372	-9.838	-6.723	-3.706	-1.196	0.729	2.229	3.501	4.608	5.426
1841	18.40	5.724	5.310	4.167	2.476	0.525	-1.435	-3.300	-5.115	-6.957	-8.772
1851	18.50	-10.265	-10.931	-10.220	-7.790	-3.703	1.516	7.020	11.889	15.408	17.224
1861	18.60	17.342	15.986	13.407	9.766	5.146	0.327	-6.344	-12.339	-17.569	-21.303
1871	18.70	-23.261	-22.720	-20.720	-17.517	-13.755	-9.679	-6.101	-2.669	1.001	4.195
1881	18.80	6.881	8.785	9.732	9.752	9.087	8.092	7.072	6.169	5.345	4.487
1891	18.90	3.555	2.690	2.197	2.396	3.417	5.052	6.758	7.839	7.732	6.256
1901	19.00	3.710	0.763	-1.831	-3.537	-4.238	-4.230	-4.026	-4.078	-4.552	-5.272
1911	19.10	-5.849	-5.903	-5.284	-4.151	-2.889	-1.916	-1.479	-1.554	-1.892	-2.171
1921	19.20	-2.177	-1.901	-1.511	-1.227	-1.157	-1.211	-1.116	-0.555	0.675	2.534
1931	19.30	4.750	6.810	8.315	8.918	8.502	7.138	5.021	2.388	-0.531	-3.504
1941	19.40	-6.280	-8.579	-10.121	-10.696	-10.241	-8.887	-6.934	-4.777	-2.783	-1.192
1951	19.50	-0.063	0.702	1.294	1.893	2.594	3.378	4.122	4.663	4.865	4.678
1961	19.60	4.165	3.492	2.872	2.498	2.467	2.740	3.144	3.431	3.366	2.826
1971	19.70	1.869	0.633	-0.544	-1.431	-1.902	-1.992	-1.866	-1.719	-1.676	-1.725
1981	19.80	-1.733	-1.527	-1.005	-0.208	0.669	1.360	1.641	1.435	0.846	0.111
1991	19.90	-0.510	-0.841	-0.853	-0.645	-0.361	-0.099	0.147	0.473	0.991	1.739

Table 7—18—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.624	3.434	3.924	3.923	3.419	2.574	1.657	0.929	0.532	0.428
2011	20.10	0.426	0.271	-0.243	-1.184	-2.464	-3.880	-5.204	-6.274	-7.039	-7.550
2021	20.20	-7.899	-8.147	-8.267	-8.140	-7.596	-6.483	-4.761	-2.518	0.025	2.571
2031	20.30	4.882	6.552	7.646	8.015	8.010	7.620	6.681	5.713	4.708	3.778
2041	20.40	3.022	2.502	2.221	2.114	2.065	1.951	1.703	1.338	0.963	0.719
2051	20.50	0.706	0.910	1.179	1.272	0.970	0.186	-0.954	-2.129	-2.934	-3.038
2061	20.60	-2.339	-1.028	0.456	1.583	1.917	1.270	-0.249	-2.297	-4.447	-6.343
2071	20.70	-7.805	-8.825	-9.490	-9.859	-9.880	-9.374	-8.116	-5.959	-2.951	0.614
2081	20.80	4.240	7.348	9.430	10.187	9.592	7.878	5.459	2.820	0.410	-1.430
2091	20.90	-2.506	-2.774	-2.319	-1.328	-0.042	1.287	2.447	3.301	3.812	4.030
2101	21.00	4.063	4.024	3.996	4.015	4.082	4.195	4.377	4.680	5.159	5.829
2111	21.10	6.626	7.402	7.970	8.176	7.974	7.460	6.841	6.361	6.085	6.016
2121	21.20	5.893	5.374	4.165	2.168	-0.444	-3.260	-5.759	-7.494	-8.234	-8.028
2131	21.30	-7.147	-5.959	-4.779	-3.779	-2.981	-2.323	-1.752	-1.285	-1.002	-0.986
2141	21.40	-1.232	-1.632	-1.980	-2.073	-1.811	-1.260	-0.622	-0.149	-0.018	-0.243
2151	21.50	-0.623	-1.025	-1.254	-1.154	-0.876	-0.606	-0.496	-0.542	-0.579	-0.329
2161	21.60	0.444	1.785	3.478	5.076	6.050	5.968	4.650	2.224	-0.933	-4.328
2171	21.70	-7.503	-10.140	-12.086	-13.305	-13.810	-13.601	-12.664	-11.016	-8.762	-6.140
2181	21.80	-3.494	-1.199	0.657	1.367	1.647	1.589	1.546	1.791	2.398	3.210
2191	21.90	3.895	4.086	3.541	2.255	0.487	-1.330	-2.753	-3.496	-3.534	-3.099
2201	22.00	-2.548	-2.191	-2.130	-2.203	-2.047	-1.278	0.326	2.688	5.432	8.006
2211	22.10	9.878	10.713	10.451	9.275	7.475	5.305	2.901	0.299	-2.468	-5.253
2221	22.20	-7.736	-9.477	-10.659	-9.260	-7.174	-4.216	-0.995	1.884	4.000	5.220
2231	22.30	5.667	5.593	5.219	4.628	3.743	2.613	0.539	-1.821	-4.418	-6.874
2241	22.40	-8.795	-9.901	-10.103	-9.504	-8.337	-6.869	-5.323	-3.838	-2.487	-1.310
2251	22.50	-0.357	0.307	0.626	0.588	0.259	-0.214	-0.643	-0.856	-0.755	-0.351
2261	22.60	0.252	0.901	1.460	1.856	2.094	2.236	2.356	2.500	2.671	2.865
2271	22.70	3.015	3.218	3.540	4.081	4.889	5.906	6.945	7.726	7.962	7.453
2281	22.80	6.165	4.240	1.951	-0.382	-2.479	-4.153	-5.315	-5.946	-6.070	-5.744
2291	22.90	-5.071	-4.221	-3.431	-2.944	-2.930	-3.389	-4.112	-4.725	-4.810	-4.076
2301	23.00	-2.484	-0.285	2.052	4.015	5.222	5.542	5.105	4.206	3.155	2.150
2311	23.10	1.226	0.285	-0.798	-2.080	-3.490	-4.848	-5.924	-6.525	-6.547	-5.995
2321	23.20	-4.957	-3.577	-2.021	-0.475	0.870	1.832	2.276	2.153	1.529	0.574
2331	23.30	-0.490	-1.454	-2.190	-2.667	-2.926	-3.032	-3.018	-2.864	-2.514	-1.911
2341	23.40	-1.037	0.085	1.400	2.843	4.348	5.820	7.105	7.975	8.164	7.465
2351	23.50	5.843	3.514	0.930	-1.339	-2.791	-3.172	-2.556	-1.287	0.184	1.505
2361	23.60	2.554	3.446	4.404	5.578	6.905	8.097	8.769	8.630	7.653	6.114
2371	23.70	4.487	3.238	2.620	2.586	2.842	3.022	2.886	2.535	1.884	1.520
2381	23.80	1.518	1.824	2.167	2.191	1.645	0.520	-0.931	-2.296	-3.191	-3.415
2391	23.90	-3.019	-2.250	-1.415	-0.734	-0.261	0.094	0.476	0.973	1.547	2.057
2401	24.00	2.329	2.258	1.867	1.296	0.733	0.326	0.117	0.039	-0.023	-0.154
2411	24.10	-0.341	-0.464	-0.338	0.196	1.193	2.565	4.098	5.530	6.635	7.294
2421	24.20	7.516	7.400	7.061	6.559	5.855	4.831	3.362	1.404	-0.936	-3.382
2431	24.30	-5.556	-7.081	-7.710	-7.397	-6.302	-4.716	-2.938	-1.189	0.441	1.946
2441	24.40	3.323	4.488	5.259	5.415	4.819	3.524	1.815	0.138	-1.066	-1.530
2451	24.50	-1.281	-0.620	0.017	0.263	-0.020	-0.684	-1.386	-1.773	-1.654	-1.090
2461	24.60	-0.369	0.243	0.477	0.358	0.085	-0.072	0.064	0.479	0.963	1.226
2471	24.70	1.045	0.365	-0.686	-1.897	-3.091	-4.212	-5.316	-6.464	-7.596	-8.463
2481	24.80	-8.671	-7.866	-5.831	-2.830	0.595	3.679	5.711	6.277	5.379	3.407
2491	24.90	0.956	-1.392	-3.245	-4.455	-5.067	-5.201	-4.959	-4.388	-3.527	-2.479

Table 7—18—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1165 913-GR-2-6 HA. (HA.) AMATSU BRIDGE MAX. ACC. = -88.330 (GAL) T= 9.75 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.438	-0.661	-0.366	-0.617	-1.265	-1.982	-2.392	-2.230	-1.466	-0.330
2511	25.10	0.783	1.477	1.519	0.934	-0.020	-0.967	-1.570	-1.661	-1.288	-0.670
2521	25.20	-0.088	0.232	0.205	-0.106	-0.538	-0.918	-1.139	-1.211	-1.252	-1.443
2531	25.30	-1.949	-2.853	-4.105	-5.518	-6.805	-7.659	-7.840	-7.261	-6.030	-4.435
2541	25.40	-2.872	-1.729	-1.269	-1.544	-2.386	-3.468	-4.421	-4.967	-5.007	-4.649
2551	25.50	-4.137	-3.746	-3.657	-3.880	-4.258	-4.535	-4.476	-3.975	-3.110	-2.115
2561	25.60	-1.295	-0.901	-1.039	-1.633	-2.469	-3.287	-3.893	-4.223	-4.353	-4.439
2571	25.70	-4.626	-4.968	-5.402	-5.778	-5.938	-5.791	-5.357	-4.748	-4.094	-3.658
2581	25.80	-2.785	-1.569	-0.638	1.135	3.327	5.243	7.144	8.644	8.962	7.992
2591	25.90	6.034	3.690	1.411	-0.423	-1.657	-2.367	-2.773	-3.088	-3.396	-3.598
2601	26.00	-3.464	-2.761	-1.396	0.490	2.523	4.208	5.094	4.924	3.723	1.771
2611	26.10	-0.509	-2.697	-4.501	-5.798	-6.601	-6.972	-6.930	-6.425	-5.363	-3.687
2621	26.20	-1.456	1.120	3.709	5.949	7.554	8.387	8.482	7.992	7.118	6.033
2631	26.30	4.844	3.604	2.341	1.099	-0.057	-1.047	-1.798	-2.264	-2.415	-2.220
2641	26.40	-1.635	-0.617	0.843	2.650	4.606	6.102	7.699	8.233	7.893	6.782
2651	26.50	5.068	3.097	1.098	-0.768	-2.414	-3.758	-4.653	-4.865	-4.133	-2.280
2661	26.60	0.658	4.376	8.341	11.942	14.675	16.303	16.905	16.801	16.394	15.986
2671	26.70	15.668	15.316	14.692	13.598	12.009	10.117	8.286	6.913	6.283	6.460
2681	26.80	7.262	8.329	9.256	9.733	9.657	9.155	8.526	8.123	8.199	8.800
2691	26.90	9.734	10.644	11.150	11.023	10.291	9.250	8.338	7.946	8.229	9.033
2701	27.00	9.967	10.603	10.710	10.402	10.107	10.369	11.440	13.226	15.030	15.854
2711	27.10	14.766	11.320	5.809							

Table 7—19—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	-4.826	-4.278	-3.480	-1.990	0.612	4.336	8.537	12.012	13.689
11	0.10	12.298	8.875	4.784	2.138	2.642	6.704	13.083	19.321	22.805	21.974
21	0.20	17.053	9.946	3.292	-0.822	-1.844	-0.893	0.017	-0.755	-3.409	-6.479
31	0.30	-7.602	-4.909	1.716	10.244	17.256	19.536	15.680	6.897	-3.673	-11.507
41	0.40	-14.533	-12.326	-7.041	-1.952	0.324	-0.831	-3.851	-6.004	-5.054	-0.614
51	0.50	5.557	10.479	11.590	8.177	1.819	-4.423	-7.612	-6.464	-1.967	3.242
61	0.60	6.356	5.929	2.587	-1.427	-3.603	-2.601	1.025	5.231	7.736	7.385
71	0.70	4.808	1.977	0.934	2.441	5.385	7.333	5.971	0.605	-7.159	-14.064
81	0.80	-16.753	-13.798	-6.469	1.665	6.423	5.367	-0.967	-9.088	-14.235	-12.779
91	0.90	-4.166	8.607	20.268	25.683	22.245	11.095	-3.407	-15.652	-21.257	-18.852
101	1.00	-10.427	-0.165	7.583	10.190	7.674	2.324	-2.653	-4.731	-3.174	0.812
111	1.10	4.815	6.460	6.400	-0.963	-7.887	-13.966	-17.108	-16.313	-11.962	-5.598
121	1.20	0.716	5.175	6.877	6.102	4.112	2.560	2.721	4.872	8.104	10.686
131	1.30	10.859	7.719	1.780	-5.088	-10.373	-11.991	-9.235	-3.144	3.891	9.134
141	1.40	10.651	8.071	2.644	-3.410	-7.888	-9.668	-8.057	-4.558	-0.268	3.706
151	1.50	6.731	8.558	9.041	7.956	5.094	0.593	-4.750	-9.492	-11.997	-11.191
161	1.60	-7.228	-1.668	3.150	4.953	2.819	-2.329	-8.245	-11.922	-11.432	-6.635
171	1.70	0.659	7.502	11.145	10.261	5.482	-0.974	-6.366	-8.635	-7.226	-3.122
181	1.80	1.756	5.482	6.903	5.968	3.623	0.500	-1.803	-2.916	-2.741	-1.513
191	1.90	0.368	2.624	4.128	4.966	4.573	2.919	0.416	-2.163	-3.987	-4.553
201	2.00	-3.966	-2.904	-2.271	-2.678	-4.069	-5.696	-6.516	-5.800	-3.608	-0.866
211	2.10	1.186	1.494	0.013	-2.284	-3.860	-3.461	-0.879	2.803	5.668	5.938
221	2.20	2.963	-2.309	-7.649	-10.553	-9.433	-4.415	2.676	9.135	12.598	12.067
231	2.30	8.260	3.127	-1.148	-3.171	-2.854	-1.229	0.275	0.674	-0.079	-1.184
241	2.40	-1.562	-0.559	1.638	4.082	5.604	5.474	3.816	1.546	-0.143	-0.447
251	2.50	0.580	2.060	2.658	1.494	-1.504	-5.378	-8.551	-9.545	-7.695	-3.490
261	2.60	1.592	5.695	7.363	6.137	2.725	-1.322	-4.253	-4.816	-2.714	1.335
271	2.70	5.950	9.668	11.404	10.975	8.874	6.062	3.489	1.717	0.766	0.233
281	2.80	-0.357	-1.229	-2.162	-2.587	-1.910	0.076	2.926	5.586	6.782	5.595
291	2.90	1.967	-3.121	-7.934	-10.655	-10.152	-6.520	-1.112	3.976	6.763	6.215
301	3.00	2.679	-2.270	-6.512	-8.286	-6.915	-3.045	1.689	5.387	6.676	5.207
311	3.10	1.685	-2.539	-6.084	-8.072	-8.353	-7.388	-5.851	-4.453	-3.317	-2.381
321	3.20	-1.381	-0.107	1.457	3.129	4.637	5.678	6.087	5.726	4.504	2.364
331	3.30	-0.648	-4.285	-8.048	-11.283	-13.173	-13.387	-11.879	-9.107	-5.828	-2.785
341	3.40	-0.430	1.215	2.456	3.675	5.056	6.446	7.453	7.652	6.958	5.644
351	3.50	4.274	3.367	3.064	2.973	2.322	0.377	-3.082	-7.474	-11.504	-13.644
361	3.60	-12.792	-8.818	-2.728	3.668	8.437	10.264	8.931	5.317	0.957	-2.643
371	3.70	-4.597	-4.904	-4.281	-3.704	-3.876	-4.885	-6.179	-6.853	-6.074	-3.465
381	3.80	0.702	5.567	9.946	12.693	13.044	10.863	6.725	1.800	-2.445	-4.693
391	3.90	-4.246	-1.363	2.705	6.074	6.897	4.148	-1.835	-9.306	-15.666	-18.447
401	4.00	-16.328	-9.730	-0.705	7.882	13.526	15.089	13.184	9.751	7.044	6.511
411	4.10	8.114	10.421	11.406	9.549	4.689	-1.809	-7.669	-10.667	-9.831	-5.696
421	4.20	-0.099	4.706	7.090	6.696	4.446	1.928	0.510	0.644	1.681	2.275
431	4.30	1.144	-2.217	-7.195	-12.254	-15.551	-15.680	-12.219	-5.889	1.713	8.652
441	4.40	13.249	14.542	12.491	7.923	2.266	-2.859	-6.086	-6.684	-4.774	-1.283
451	4.50	2.378	4.831	5.258	3.727	1.153	-1.116	-1.921	-0.834	1.631	4.267
461	4.60	5.758	5.332	3.142	0.194	-2.154	-2.860	-1.702	0.652	3.011	4.286
471	4.70	4.017	2.539	0.712	-0.616	-1.099	-1.055	-1.206	-2.158	-3.918	-5.750
481	4.80	-6.485	-5.137	-1.497	3.615	8.617	11.838	12.270	10.029	6.294	2.736
491	4.90	0.730	0.730	2.102	3.487	3.510	1.469	-2.303	-6.573	-9.755	-10.599

Table 7—19—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-8.705	-4.662	0.232	4.499	7.028	7.415	5.985	3.553	1.043	-0.863
511	5.10	-1.910	-2.257	-2.295	-2.401	-2.733	-3.150	-3.290	-2.782	-1.493	0.300
521	5.20	1.916	2.492	1.352	-1.619	-5.786	-9.882	-12.435	-12.353	-9.418	-4.445
531	5.30	1.002	5.232	7.134	6.614	4.576	2.426	1.346	1.705	2.909	3.765
541	5.40	3.188	0.866	-2.485	-5.422	-6.524	-5.183	-2.030	1.272	2.799	1.336
551	5.50	-2.931	-8.587	-12.652	-13.656	-10.609	-4.400	2.763	8.322	10.456	8.810
561	5.60	4.524	-0.397	-4.049	-5.438	-4.770	-3.133	-1.788	-1.453	-1.975	-2.505
571	5.70	-2.067	-0.177	2.811	5.833	7.627	7.354	5.014	1.439	-2.128	-4.623
581	5.80	-5.644	-5.561	-5.232	-5.470	-6.551	-8.004	-8.810	-7.893	-4.694	-0.468
591	5.90	6.408	11.457	14.075	13.441	9.618	3.782	-2.477	-7.563	-10.418	-10.794
601	6.00	-9.216	-6.680	-4.222	-2.534	-1.763	-1.564	-1.352	-0.641	0.689	2.308
611	6.10	3.586	3.903	2.985	1.109	-0.940	-2.581	-1.773	0.398	3.754	7.094
621	6.20	9.056	8.689	5.892	1.527	-2.854	-5.601	-5.620	-2.835	1.746	6.400
631	6.30	9.349	9.440	6.586	1.774	-3.340	-7.093	-8.446	-7.352	-4.716	-1.982
641	6.40	-0.531	-1.135	-3.678	-7.235	-10.457	-12.102	-11.483	-8.682	-4.465	0.059
651	6.50	3.862	6.351	7.514	7.804	7.855	8.129	8.673	9.078	8.668	6.840
661	6.60	3.408	-1.200	-5.992	-9.713	-11.296	-10.284	-7.057	-2.742	1.159	3.309
671	6.70	3.030	0.563	-3.024	-6.234	-7.707	-6.710	-3.387	1.339	6.142	9.783
681	6.80	11.516	11.256	9.471	6.895	4.192	1.746	-0.273	-1.968	-3.330	-4.227
691	6.90	-4.412	-3.674	-2.009	0.298	2.742	4.791	6.120	6.745	6.988	7.289
701	7.00	7.958	8.999	10.108	10.852	10.914	10.299	9.337	8.510	8.161	8.260
711	7.10	8.371	7.857	6.240	3.543	0.400	-2.129	-3.009	-1.729	1.377	5.169
721	7.20	8.109	8.875	6.908	2.659	-2.602	-7.310	-10.235	-10.946	-9.896	-8.127
731	7.30	-6.746	-6.427	-7.148	-8.394	-9.324	-9.385	-8.482	-6.974	-5.419	-4.230
741	7.40	-3.455	-2.793	-1.841	-0.415	1.239	2.502	2.880	1.420	-0.992	-3.626
751	7.50	-5.238	-4.800	-2.009	2.497	7.308	10.745	11.593	9.400	4.814	-0.781
761	7.60	-5.779	-8.930	-9.716	-8.424	-5.901	-3.164	-1.038	0.053	0.090	-0.671
771	7.70	-1.870	-3.155	-4.233	-4.864	-4.866	-4.155	-2.798	-1.037	0.763	2.231
781	7.80	3.135	3.470	3.428	3.272	3.160	3.040	2.672	1.782	0.265	-1.680
791	7.90	-3.576	-4.861	-5.163	-4.499	-3.299	-2.219	-1.817	-2.276	-3.293	-4.224
801	8.00	-4.396	-3.451	-1.531	0.775	2.706	3.676	3.517	2.534	1.296	0.348
811	8.10	-0.044	0.025	0.212	0.165	-0.269	-0.957	-1.565	-1.750	-1.349	-0.455
821	8.20	0.646	1.628	2.277	2.556	2.542	2.333	1.933	1.252	0.199	-1.186
831	8.30	-2.649	-3.754	-4.031	-3.185	-1.247	1.393	4.112	6.249	7.422	7.446
841	8.40	6.512	4.983	3.224	1.492	-0.115	-1.616	-3.064	-4.460	-5.721	-6.678
851	8.50	-7.128	-6.897	-5.912	-4.259	-2.202	-0.169	1.347	1.928	1.388	-0.120
861	8.60	-2.120	-3.955	-5.029	-5.038	-4.081	-2.587	-1.085	0.071	0.872	1.620
871	8.70	2.699	4.258	6.008	7.271	7.284	5.644	2.640	-0.716	-3.034	-3.173
881	8.80	-0.805	3.304	7.514	9.950	9.309	5.464	-0.408	-6.257	-9.947	-10.100
891	8.90	-6.597	-0.577	6.046	11.325	13.941	13.550	10.721	6.570	2.281	-1.263
901	9.00	-3.650	-6.884	-5.232	-5.049	-4.688	-4.356	-4.296	-4.570	-5.141	-5.857
911	9.10	-6.507	-6.924	-7.077	-7.112	-7.275	-7.758	-8.529	-9.251	-9.359	-8.275
921	9.20	-5.677	-1.698	3.059	7.695	11.309	13.302	13.536	12.321	10.247	7.954
931	9.30	5.940	4.479	3.624	3.271	3.215	3.187	2.886	2.042	0.524	-1.536
941	9.40	-3.677	-5.173	-5.239	-5.326	0.606	5.981	11.718	16.557	19.453	19.904
951	9.50	18.036	14.584	10.384	6.241	2.600	-0.481	-3.208	-5.843	-8.522	-11.165
961	9.60	-13.501	-15.179	-15.880	-15.414	-13.761	-11.076	-7.676	-4.007	-0.593	2.057
971	9.70	3.556	3.741	2.725	0.852	-1.416	-3.659	-5.609	-7.173	-8.361	-9.160
981	9.80	-9.436	-8.933	-7.383	-4.664	-0.936	3.344	7.534	11.010	13.363	14.480
991	9.90	14.500	13.661	12.145	10.023	7.322	4.184	1.008	-1.550	-2.745	-2.049

Table 7—19—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.550	4.420	8.398	11.193	11.648	9.527	5.246	-0.098	-5.169	-8.863
1011	10.10	-10.652	-10.675	-9.567	-8.117	-6.933	-6.228	-5.833	-5.376	-4.562	-3.277
1021	10.20	-1.854	-0.773	-0.556	-1.520	-3.640	-6.533	-9.589	-12.173	-13.838	-14.459
1031	10.30	-14.259	-13.591	-12.937	-12.496	-12.147	-11.663	-9.756	-6.545	-1.625	4.663
1041	10.40	11.456	17.566	21.843	23.514	22.463	19.172	14.726	10.371	7.074	5.421
1051	10.50	5.438	6.706	8.564	10.341	11.530	11.860	11.293	9.971	8.169	6.136
1061	10.60	4.227	2.621	1.347	0.226	-1.067	-2.859	-5.252	-7.952	-10.242	-11.184
1071	10.70	-10.000	-6.507	-1.396	3.829	7.288	7.425	3.689	-3.091	-10.860	-17.005
1081	10.80	-19.315	-16.867	-10.338	-1.983	5.376	9.297	8.669	3.957	-2.870	-9.347
1091	10.90	-13.377	-13.986	-11.548	-7.459	-3.444	-0.833	-0.108	-0.868	-2.185	-3.119
1101	11.00	-3.153	-2.360	-1.260	-0.491	-0.486	-1.176	-2.268	-3.133	-3.363	-2.726
1111	11.10	-1.285	0.723	3.028	5.413	7.703	9.676	10.992	11.206	9.913	6.972
1121	11.20	2.702	-2.067	-6.165	-8.438	-8.175	-5.431	-1.092	3.355	6.301	6.557
1131	11.30	3.754	-1.542	-8.069	-14.234	-18.831	-21.206	-21.458	-20.218	-18.282	-16.241
1141	11.40	-14.270	-12.167	-9.574	-6.276	-2.397	1.596	5.085	7.596	9.036	9.744
1151	11.50	10.366	11.523	13.538	16.253	19.089	21.289	22.236	21.710	19.955	17.548
1161	11.60	15.132	13.151	11.699	10.542	9.297	7.661	5.579	3.273	1.129	-0.506
1171	11.70	-1.506	-2.044	-2.541	-3.474	-5.169	-7.658	-10.549	-13.330	-15.383	-16.302
1181	11.80	-16.025	-14.839	-13.246	-11.734	-10.568	-9.669	-8.676	-7.145	-4.818	-1.837
1191	11.90	1.224	3.540	4.369	3.406	0.993	-1.942	-4.212	-4.855	-3.450	-0.477
1201	12.00	3.058	5.963	7.403	7.257	6.145	5.115	5.117	6.538	8.995	11.509
1211	12.10	12.958	12.606	10.461	7.279	4.260	2.428	2.375	3.865	6.060	7.887
1221	12.20	8.476	7.468	5.082	1.938	-1.233	-3.852	-5.617	-6.486	-6.563	-5.994
1231	12.30	-4.918	-3.696	-1.943	-0.538	0.417	0.845	0.675	0.138	-0.476	-0.922
1241	12.40	-1.105	-1.093	-1.023	-0.968	-0.842	-0.617	0.533	2.058	3.901	5.528
1251	12.50	6.318	5.847	4.117	1.622	-0.813	-2.360	-2.535	-1.411	0.412	2.071
1261	12.60	2.820	2.359	0.958	-0.683	-1.757	-1.736	-0.619	1.046	2.384	2.572
1271	12.70	1.190	-1.578	-4.992	-8.023	-9.733	-9.615	-7.768	-4.836	-1.749	0.614
1281	12.80	1.751	1.676	0.868	0.036	-0.187	0.501	1.961	3.696	5.079	5.630
1291	12.90	5.219	4.121	2.894	2.136	2.236	3.204	4.670	6.032	6.692	6.286
1301	13.00	4.812	2.611	0.225	-1.810	-3.152	-3.748	-3.816	-3.735	-3.886	-4.497
1311	13.10	-5.592	-6.964	-8.272	-9.147	-9.308	-8.639	-7.197	-5.171	-2.805	-0.314
1321	13.20	2.151	4.492	6.602	8.287	9.236	9.067	7.459	4.335	0.009	-4.779
1331	13.30	-8.993	-11.500	-11.810	-9.559	-5.396	-0.438	4.003	6.863	7.576	6.389
1341	13.40	4.052	1.554	-0.269	-1.036	-0.891	-0.363	-0.071	-0.438	-1.520	-3.030
1351	13.50	-4.515	-5.578	-6.058	-6.050	-5.809	-5.575	-5.434	-5.285	-4.930	-4.221
1361	13.60	-3.192	-2.079	-1.219	-0.877	-1.095	-1.644	-2.124	-2.169	-1.645	-0.754
1371	13.70	0.039	0.229	-0.463	-1.904	-3.539	-4.602	-5.442	-2.833	-0.130	2.825
1381	13.80	5.001	5.573	4.242	1.355	-2.229	-5.458	-7.456	-7.795	-6.581	-4.325
1391	13.90	-1.703	0.703	2.561	3.807	4.548	4.924	5.005	4.774	4.175	3.203
1401	14.00	1.957	0.633	-0.545	-1.406	-1.897	-2.083	-2.088	-2.014	-1.881	-1.620
1411	14.10	-1.122	-0.321	0.739	1.882	2.850	3.399	3.394	2.877	2.059	1.248
1421	14.20	0.736	0.697	1.134	1.906	2.803	3.663	4.444	5.240	6.209	7.453
1431	14.30	8.905	10.285	11.154	11.072	9.781	7.553	4.205	0.973	-1.716	-3.469
1441	14.40	-4.368	-4.763	-5.178	-6.138	-7.751	-9.727	-11.481	-12.398	-12.126	-10.757
1451	14.50	-8.808	-7.007	-5.975	-5.959	-6.738	-7.729	-8.254	-7.832	-6.363	-4.138
1461	14.60	-1.680	0.493	2.064	2.996	3.675	3.769	4.096	4.549	5.119	5.754
1471	14.70	6.413	7.077	7.703	8.184	8.349	8.035	7.201	6.015	4.854	4.182
1481	14.80	4.366	5.480	7.259	9.165	10.612	11.206	10.906	10.009	8.976	8.188
1491	14.90	7.745	7.421	6.795	5.496	3.423	0.843	-1.696	-3.597	-4.469	-4.287

Table 7—19—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.393	-2.330	-1.612	-1.533	-2.095	-3.081	-4.201	-5.248	-6.137	-6.894
1511	15.10	-7.547	-8.048	-8.247	-7.963	-7.082	-5.651	-3.885	-2.110	-0.642	0.314
1521	15.20	0.705	0.605	0.149	-0.535	-1.345	-2.191	-2.958	-3.507	-3.713	-3.538
1531	15.30	-3.080	-2.564	-2.246	-2.273	-2.578	-2.868	-2.740	-1.881	-0.244	1.878
1541	15.40	3.959	5.469	6.122	6.024	5.604	5.390	5.695	6.415	7.034	6.866
1551	15.50	5.410	2.689	-0.686	-3.699	-5.342	-5.048	-2.952	0.163	3.189	5.159
1561	15.60	5.615	4.727	3.117	1.499	0.325	-0.380	-0.929	-1.700	-2.838	-4.109
1571	15.70	-4.994	-4.962	-3.782	-1.692	0.672	2.557	3.426	3.195	2.218	1.059
1581	15.80	0.166	-0.368	-0.830	-1.673	-3.191	-5.256	-7.290	-8.481	-8.172	-6.215
1591	15.90	-3.109	0.159	2.505	3.192	2.134	-0.101	-2.554	-4.294	-4.789	-4.059
1601	16.00	-2.580	-0.993	0.213	0.895	1.243	1.599	2.211	3.071	3.905	4.325
1611	16.10	4.048	3.065	1.676	0.363	-0.415	-0.420	0.269	1.320	2.300	2.873
1621	16.20	2.916	2.535	1.961	1.404	0.939	0.474	-0.181	-1.180	-2.527	-4.032
1631	16.30	-5.358	-6.156	-6.209	-5.526	-4.335	-3.007	-1.894	-1.207	-0.960	-1.008
1641	16.40	-1.150	-1.244	-1.273	-1.330	-1.531	-1.908	-2.349	-2.617	-2.456	-1.729
1651	16.50	-0.517	0.881	2.048	2.627	2.477	1.735	0.763	-0.017	-0.306	-0.045
1661	16.60	0.580	1.261	1.736	1.922	1.944	2.047	2.439	3.148	3.984	4.609
1671	16.70	4.702	4.121	2.977	1.592	0.350	-0.478	-0.855	-0.972	-1.138	-1.619
1681	16.80	-2.503	-3.660	-4.815	-5.682	-6.095	-6.065	-5.751	-5.359	-5.030	-4.778
1691	16.90	-4.506	-4.076	-3.404	-2.517	-1.552	-0.695	-0.101	0.172	0.175	0.042
1701	17.00	-0.069	-0.036	0.205	0.656	1.279	2.023	2.836	3.668	4.467	5.180
1711	17.10	5.751	6.138	6.315	6.276	6.020	5.569	4.954	4.234	3.499	2.861
1721	17.20	2.428	2.259	2.326	2.505	2.607	2.437	1.886	0.968	-0.143	-1.188
1731	17.30	-1.904	-2.120	-1.831	-1.194	-0.476	0.048	0.186	-0.104	-0.710	-1.118
1741	17.40	-1.995	-2.270	-2.183	-1.797	-1.255	-0.717	-0.299	-0.030	0.148	0.344
1751	17.50	0.668	1.173	1.824	2.508	3.068	3.359	3.295	2.872	2.166	1.294
1761	17.60	0.383	-0.458	-1.147	-1.620	-1.823	-1.720	-1.313	-0.674	0.044	0.634
1771	17.70	0.897	0.724	0.165	-0.561	-1.128	-1.218	-0.656	0.497	1.947	3.252
1781	17.80	3.983	3.883	2.964	1.507	-0.041	-1.230	-1.757	-1.559	-0.811	0.164
1791	17.90	1.020	1.516	1.578	1.308	0.917	0.635	0.619	0.905	1.391	1.885
1801	18.00	2.168	2.070	1.528	0.605	-0.526	-1.647	-2.555	-3.129	-3.354	-3.308
1811	18.10	-3.113	-2.882	-2.676	-2.495	-2.313	-2.107	-1.890	-1.708	-1.604	-1.577
1821	18.20	-1.561	-1.438	-1.103	-0.535	0.155	0.734	0.918	0.489	-0.609	-2.220
1831	18.30	-4.022	-5.631	-6.725	-7.143	-6.902	-6.167	-5.063	-3.795	-2.424	-0.996
1841	18.40	0.418	1.683	2.606	2.996	2.777	2.632	1.018	0.082	-0.464	-0.461
1851	18.50	0.039	0.810	1.557	2.060	2.167	2.005	1.722	1.491	1.408	1.464
1861	18.60	1.581	1.674	1.706	1.708	1.740	1.843	1.996	2.120	2.126	1.975
1871	18.70	1.719	1.488	1.419	1.571	1.862	2.082	1.973	1.355	0.240	-1.134
1881	18.80	-2.359	-3.003	-2.770	-1.635	0.139	2.070	3.627	4.396	4.218	3.216
1891	18.90	1.740	0.226	-0.948	-1.586	-1.721	-1.580	-1.491	-1.756	-2.539	-3.793
1901	19.00	-5.270	-6.589	-7.354	-7.292	-6.367	-4.716	-2.793	-1.055	0.088	0.424
1911	19.10	-0.009	-0.952	-2.027	-2.872	-3.258	-3.136	-2.619	-1.901	-1.162	-0.504
1921	19.20	0.061	0.583	1.109	1.637	2.106	2.414	2.480	2.272	1.825	1.223
1931	19.30	0.556	-0.117	-0.773	-1.410	-2.008	-2.495	-2.744	-2.603	-1.960	-0.799
1941	19.40	0.761	2.479	4.046	5.167	5.649	5.447	4.674	3.556	2.364	1.341
1951	19.50	0.635	0.286	0.227	0.334	0.477	0.561	0.569	0.508	0.461	0.478
1961	19.60	0.567	0.683	0.742	0.659	0.401	0.005	-0.419	-0.731	-0.816	-0.637
1971	19.70	-0.251	0.210	0.602	0.832	0.894	0.867	0.857	0.931	1.066	1.148
1981	19.80	1.032	0.649	0.034	-0.610	-1.003	-0.903	-0.236	0.839	1.954	2.667
1991	19.90	2.635	1.760	0.242	-1.495	-2.965	-3.819	-3.961	-3.571	-2.988	-2.547

Table 7—19—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.420	-2.557	-2.736	-2.594	-2.275	-1.512	-0.611	0.160	0.601	0.682
2011	20.10	0.539	0.396	0.433	0.689	1.042	1.276	1.207	0.784	0.129	-0.519
2021	20.20	-0.921	-0.956	-0.667	-0.231	0.141	0.324	0.339	0.328	0.464	0.860
2031	20.30	1.392	1.921	2.187	2.029	1.464	0.691	0.012	-0.303	-0.132	0.449
2041	20.40	1.214	1.893	2.292	2.368	2.214	1.991	1.828	1.763	1.739	1.661
2051	20.50	1.475	1.214	0.990	0.932	1.104	1.452	1.814	1.988	1.836	1.367
2061	20.60	0.678	0.069	-0.240	-0.121	0.400	1.157	1.924	2.506	2.813	2.865
2071	20.70	2.752	2.572	2.372	2.146	1.855	1.483	1.062	0.674	0.402	0.278
2081	20.80	0.249	0.192	-0.023	-0.460	-1.062	-1.658	-2.034	-2.035	-1.663	-1.094
2091	20.90	-0.625	-0.553	-1.040	-2.041	-3.307	-4.491	-5.289	-5.557	-5.355	-4.890
2101	21.00	-4.398	-4.015	-3.719	-3.353	-2.726	-1.740	-0.465	0.870	1.973	2.618
2111	21.10	2.748	2.493	2.095	1.782	1.655	1.655	1.613	1.377	0.928	0.428
2121	21.20	0.159	0.389	1.215	2.481	3.810	4.749	4.964	4.395	3.286	2.090
2131	21.30	1.268	1.082	1.487	2.152	2.617	2.507	1.710	0.432	-0.881	-1.737
2141	21.40	-1.805	-1.053	0.237	1.585	2.505	2.688	2.109	1.015	-0.192	-1.119
2151	21.50	-1.531	-1.418	-0.973	-0.491	-0.233	-0.328	-0.727	-1.247	-1.656	-1.780
2161	21.60	-1.570	-1.117	-0.605	-0.235	-0.140	-0.348	-0.774	-1.270	-1.681	-1.901
2171	21.70	-1.894	-1.692	-1.370	-1.016	-0.711	-0.518	-0.422	-0.579	-0.804	-1.069
2181	21.80	-1.262	-1.275	-1.041	-0.583	-0.015	0.487	0.759	0.721	0.427	0.048
2191	21.90	-0.199	-0.157	0.184	0.664	1.017	0.983	0.436	-0.548	-1.717	-2.741
2201	22.00	-3.356	-3.463	-3.173	-2.722	-2.358	-2.219	-2.275	-2.361	-2.274	-1.896
2211	22.10	-1.257	-0.540	0.005	0.162	-0.154	-0.873	-1.799	-2.695	-3.351	-3.642
2221	22.20	-3.529	-3.042	-2.257	-1.283	-0.267	0.617	1.187	1.308	0.944	0.196
2231	22.30	-0.718	-1.525	-2.008	-2.084	-1.866	-1.508	-1.328	-1.473	-1.953	-2.620
2241	22.40	-3.232	-3.567	-3.511	-3.097	-2.475	-1.826	-1.285	-0.883	-0.565	-0.236
2251	22.50	0.162	0.605	0.987	1.169	1.045	0.599	-0.079	-0.819	-1.434	-1.785
2261	22.60	-1.823	-1.593	-1.205	-0.781	-0.414	-0.161	0.051	0.195	0.306	0.360
2271	22.70	0.295	0.034	-0.463	-1.157	-1.913	-2.520	-2.755	-2.466	-1.669	-0.483
2281	22.80	0.708	1.544	1.723	1.131	-0.102	-1.637	-3.038	-5.921	-6.084	-3.564
2291	22.90	-2.606	-1.551	-0.701	-0.211	-0.058	-0.085	-0.098	0.031	0.313	0.654
2301	23.00	0.918	1.013	0.935	0.773	0.647	0.634	0.721	0.806	0.759	0.514
2311	23.10	0.128	-0.205	-0.231	0.256	1.297	2.724	4.200	5.338	5.854	5.679
2321	23.20	4.979	4.079	3.314	2.887	2.790	2.836	2.772	2.430	1.824	1.159
2331	23.30	0.729	0.761	1.283	2.081	2.774	2.980	2.492	1.387	0.005	-1.186
2341	23.40	-1.783	-1.618	-0.811	0.291	1.280	1.857	1.948	1.698	1.373	1.215
2351	23.50	1.318	1.606	1.882	1.950	1.724	1.275	0.796	0.518	0.593	1.043
2361	23.60	1.746	2.507	3.131	3.488	3.546	3.333	2.921	2.373	1.764	1.091
2371	23.70	0.489	0.036	-0.170	-0.069	0.327	0.923	1.568	2.101	2.410	2.660
2381	23.80	2.297	2.018	1.726	1.492	1.343	1.270	1.248	1.258	1.295	1.364
2391	23.90	1.470	1.606	1.756	1.903	2.040	2.176	2.336	2.552	2.866	3.220
2401	24.00	3.647	4.070	4.411	4.580	4.501	4.133	3.494	2.671	1.808	1.076
2411	24.10	0.619	0.509	0.721	1.138	1.596	1.948	2.113	2.099	1.979	1.842
2421	24.20	1.738	1.658	1.540	1.319	0.981	0.589	0.265	0.131	0.244	0.550
2431	24.30	0.898	1.100	1.025	0.672	0.190	-0.180	-0.206	-0.228	-0.056	-0.043
2441	24.40	2.869	3.254	3.062	2.353	1.351	0.352	-0.391	-0.754	-0.774	-0.609
2451	24.50	-0.457	-0.471	-0.700	-1.085	-1.496	-1.799	-1.922	-1.879	-1.763	-1.706
2461	24.60	-1.819	-2.147	-2.647	-3.207	-3.686	-3.965	-3.989	-3.783	-3.433	-3.056
2471	24.70	-2.749	-2.563	-2.490	-2.483	-2.484	-2.454	-2.385	-2.296	-2.208	-2.125
2481	24.80	-2.028	-1.887	-1.687	-1.452	-1.251	-1.172	-1.279	-1.570	-1.964	-2.319
2491	24.90	-2.498	-2.434	-2.177	-1.890	-1.782	-2.013	-2.612	-3.437	-4.221	-4.675

Table 7—19—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1166 913-GR-2-6 U-D (U-D) AMATSU BRIDGE MAX. ACC. = 25.683 (GAL) T= 0.94 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.616	-4.052	-3.193	-2.371	-1.902	-1.958	-2.689	-3.258	-3.944	-4.287
2511	25.10	-4.204	-3.808	-3.349	-3.082	-3.139	-3.470	-3.866	-4.077	-3.934	-3.442
2521	25.20	-2.786	-2.238	-2.026	-2.218	-2.681	-3.136	-3.293	-2.986	-2.261	-1.370
2531	25.30	-0.662	-0.437	-0.812	-1.672	-2.713	-3.573	-3.974	-3.836	-3.294	-2.630
2541	25.40	-2.154	-2.065	-2.375	-2.909	-3.382	-3.523	-3.185	-2.415	-1.437	-0.567
2551	25.50	-0.093	-0.155	-0.686	-1.426	-2.021	-2.153	-1.670	-0.658	0.585	1.651
2561	25.60	2.171	1.959	1.078	-0.185	-1.435	-2.313	-2.630	-2.417	-1.878	-1.287
2571	25.70	-0.864	-0.694	-0.725	-0.830	-0.902	-0.927	-0.985	-1.204	-1.669	-2.358
2581	25.80	-3.126	-3.768	-4.106	-4.081	-3.781	-3.600	-3.151	-3.162	-3.423	-3.795
2591	25.90	-4.087	-4.144	-3.925	-3.511	-3.062	-2.739	-2.628	-2.717	-2.914	-3.101
2601	26.00	-3.194	-3.172	-3.078	-2.976	-2.911	-2.887	-2.867	-2.796	-2.630	-2.354
2611	26.10	-1.982	-1.567	-1.084	-0.627	-0.207	0.137	0.365	0.466	0.379	0.210
2621	26.20	0.027	-0.058	0.043	0.370	0.895	1.539	2.206	2.827	3.378	3.882
2631	26.30	4.374	4.868	5.339	5.727	5.970	6.047	5.995	5.906	5.878	5.964
2641	26.40	6.137	6.285	6.265	5.968	5.397	4.680	4.047	3.742	3.929	4.420
2651	26.50	5.661	6.785	7.718	8.270	8.401	8.214	7.896	7.625	7.506	7.546
2661	26.60	7.684	7.855	8.039	8.276	8.628	9.123	9.702	10.221	10.503	10.426
2671	26.70	10.001	9.388	8.840	8.592	8.757	9.266	9.909	10.438	10.694	10.686
2681	26.80	10.578	10.591	10.862	11.360	11.883	12.160	12.006	11.435	10.676	10.069
2691	26.90	9.892	10.212	10.842	11.435	11.668	11.422	10.851	10.302	10.121	10.449
2701	27.00	11.127	11.779	12.019	11.706	11.068	10.628	10.932	12.211	14.145	15.877
2711	27.10	16.292	14.473	10.127	5.775						

Table 7—20—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	0.0	4.554	5.965	5.209	2.903	0.260	-1.004	0.401	4.489
11	0.10	9.841	14.115	15.062	11.614	4.502	-3.911	-10.547	-12.890	-10.042	-3.081
21	0.20	5.428	12.539	16.121	15.613	12.047	7.382	3.560	1.606	1.545	2.495
31	0.30	3.386	3.544	2.957	2.133	1.694	1.994	2.956	4.207	5.356	6.214
41	0.40	6.792	7.106	6.946	5.819	3.170	-1.206	-6.806	-12.368	-16.243	-17.061
51	0.50	-14.381	-8.960	-2.480	3.174	6.724	7.999	7.866	7.503	7.789	8.544
61	0.60	8.662	6.717	1.863	-5.480	-13.538	-19.797	-22.035	-19.289	-12.280	-3.122
71	0.70	5.445	11.555	13.801	12.842	9.476	5.093	0.654	-3.357	-6.753	-9.361
81	0.80	-10.771	-10.649	-8.848	-5.769	-2.346	0.289	1.315	0.622	-1.125	-2.828
91	0.90	-3.520	-2.831	-1.111	0.842	2.278	2.876	2.807	2.441	1.939	1.033
101	1.00	-0.787	-3.763	-7.353	-10.116	-10.209	-6.342	1.266	10.534	18.087	20.634
111	1.10	16.549	6.877	-4.839	-13.936	-16.637	-11.798	-1.479	9.903	17.515	18.221
121	1.20	11.893	1.326	-9.147	-15.627	-16.267	-11.822	-4.963	1.175	4.450	4.479
131	1.30	2.442	0.186	-0.825	-0.143	1.701	3.732	5.189	5.879	6.074	6.103
141	1.40	5.956	5.195	3.232	-0.214	-4.776	-9.460	-13.039	-14.565	-13.745	-10.974
151	1.50	-7.049	-2.783	1.230	4.593	6.929	7.757	6.642	3.577	-0.643	-4.377
161	1.60	-5.640	-3.031	3.355	11.561	18.288	20.213	15.544	5.049	-8.005	-19.092
171	1.70	-24.307	-22.031	-13.577	-2.518	6.970	11.923	11.689	7.839	3.029	-0.518
181	1.80	-2.082	-2.559	-3.624	-6.503	-11.079	-15.821	-18.576	-17.723	-13.066	-5.947
191	1.90	1.395	6.896	9.516	9.462	7.758	5.475	3.151	0.731	-2.000	-4.834
201	2.00	-6.875	-6.825	-3.742	2.212	9.491	15.643	18.353	16.564	10.969	3.807
211	2.10	-2.176	-5.094	-4.681	-2.301	-0.133	0.012	-2.403	-6.437	-10.258	-12.123
221	2.20	-11.241	-8.058	-3.896	-0.191	2.170	3.147	3.312	3.366	3.710	4.369
231	2.30	5.093	5.865	6.823	8.172	9.792	10.994	10.645	7.737	2.513	-5.082
241	2.40	-11.590	-14.908	-13.479	-7.596	0.497	7.473	10.391	8.084	1.757	-5.535
251	2.50	-10.300	-10.233	-5.267	2.473	9.736	13.694	13.192	9.099	3.674	-0.672
261	2.60	-2.524	-1.956	-0.183	1.338	1.791	1.321	0.959	1.362	2.623	3.855
271	2.70	3.732	1.392	-2.869	-7.425	-9.980	-8.696	-3.224	4.907	12.801	17.406
281	2.80	16.843	11.227	2.590	-6.052	-12.004	-13.966	-12.378	-8.931	-5.567	-3.485
291	2.90	-2.666	-2.095	-0.527	2.659	6.970	10.935	12.799	11.398	6.796	0.369
301	3.00	-5.825	-9.729	-10.313	-7.878	-3.891	-0.319	1.212	0.075	-3.151	-6.972
311	3.10	-9.622	-9.775	-7.045	-2.099	3.630	8.477	11.122	10.983	8.323	4.062
321	3.20	-0.606	-4.598	-7.242	-8.336	-8.053	-6.746	-4.752	-2.342	0.260	2.761
331	3.30	4.731	5.651	5.094	2.956	-0.371	-4.015	-6.874	-8.019	-7.093	-4.516
341	3.40	-1.372	1.005	1.582	0.079	-2.874	-6.081	-8.113	-8.086	-5.927	-2.382
351	3.50	1.369	4.158	5.465	5.366	4.429	3.282	2.236	1.150	-0.386	-2.669
361	3.60	-5.532	-8.262	-9.848	-9.474	-6.979	-3.030	1.111	4.142	5.324	4.819
371	3.70	3.576	2.820	3.401	5.340	7.815	9.604	9.737	8.030	5.192	2.459
381	3.80	0.944	1.050	2.265	3.450	3.471	1.827	-1.050	-3.988	-5.666	-5.272
391	3.90	-2.910	0.477	3.578	5.339	5.399	4.128	2.296	0.590	-0.733	-1.868
401	4.00	-3.063	-4.420	-5.482	-5.457	-3.645	0.065	4.919	9.466	12.097	11.738
411	4.10	8.337	2.903	-2.913	-7.495	-9.875	-9.988	-8.516	-6.435	-4.536	-3.158
421	4.20	-2.211	-1.418	-0.568	0.360	1.279	2.147	3.074	4.257	5.777	7.393
431	4.30	8.518	8.422	6.618	3.201	-1.057	-4.964	-7.399	-7.819	-6.485	-4.306
441	4.40	-2.351	-1.307	-1.159	-1.277	-0.847	0.601	2.869	5.158	6.499	6.300
451	4.50	4.695	2.499	0.763	0.196	0.750	1.626	1.711	0.210	-2.837	-6.470
461	4.60	-9.181	-9.607	-7.184	-2.456	3.103	7.673	9.811	8.989	5.743	1.408
471	4.70	-2.624	-4.474	-4.170	-1.759	1.871	5.533	8.133	8.989	7.991	5.582
481	4.80	-2.566	-0.196	-2.100	-3.002	-3.218	-3.507	-3.722	-4.509	-5.215	-5.192
491	4.90	-3.582	-0.668	2.830	5.516	5.989	3.546	-1.348	-7.101	-11.577	-12.990

Table 7—20—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-10.685	-5.428	0.952	6.401	9.538	10.160	9.120	7.658	6.569	5.691
511	5.10	4.010	0.349	-5.733	-13.339	-20.308	-24.014	-22.537	-15.644	-5.096	5.917
521	5.20	13.982	16.780	13.962	7.090	-0.918	-7.168	-9.772	-8.425	-4.282	0.710
531	5.30	4.651	6.362	5.658	3.210	0.154	-2.354	-3.469	-2.815	-0.487	3.034
541	5.40	7.016	10.635	13.161	14.010	13.036	10.336	6.268	1.306	-4.052	-9.300
551	5.50	-13.871	-17.204	-18.225	-16.861	-12.758	-8.140	0.160	11.251	11.251	12.740
561	5.60	11.730	9.369	7.118	6.055	6.371	7.292	7.506	5.875	2.085	-3.106
571	5.70	-8.151	-11.404	-11.864	-9.622	-5.781	-1.914	0.649	1.369	0.594	-0.767
581	5.80	-1.812	-2.119	-1.873	-1.638	-1.910	-2.759	-3.761	-4.275	-3.876	-2.702
591	5.90	-1.479	-1.190	-2.555	-5.587	-9.478	-12.887	-14.485	-13.500	-9.992	-4.741
601	6.00	1.163	6.804	11.736	15.956	19.634	22.731	24.810	25.133	23.031	18.336
611	6.10	11.653	4.287	-2.164	-6.390	-7.841	-6.602	-4.672	-2.475	-1.318	-1.545
621	6.20	-2.825	-4.435	-5.677	-6.223	-6.218	-6.115	-6.573	-7.168	-8.299	-9.312
631	6.30	-9.772	-9.527	-8.797	-8.040	-7.656	-7.689	-7.703	-6.928	-6.620	-0.485
641	6.40	5.056	10.902	15.607	17.896	17.108	13.420	7.701	1.140	-5.189	-10.616
651	6.50	-14.882	-17.927	-19.589	-19.445	-16.901	-11.527	-3.452	6.374	16.259	24.176
661	6.60	28.365	27.888	22.902	14.546	4.516	-5.450	-14.014	-20.392	-24.274	-25.603
671	6.70	-24.399	-20.717	-14.761	-7.021	1.670	10.267	17.771	23.507	27.268	29.229
681	6.80	29.683	28.738	26.157	21.466	14.296	6.816	-5.987	-16.350	-24.166	-27.653
691	6.90	-26.029	-19.897	-11.165	-2.500	3.510	5.191	2.310	-3.878	-11.095	-16.821
701	7.00	-19.125	-17.252	-11.757	-4.187	3.570	9.986	14.370	16.946	18.522	19.915
711	7.10	21.409	22.511	22.125	19.086	12.805	3.714	-6.714	-16.405	-23.413	-26.604
721	7.20	-25.991	-22.576	-17.785	-12.808	-8.151	-3.667	1.122	6.233	11.024	14.165
731	7.30	14.197	10.318	2.991	-5.960	-13.915	-18.441	-18.288	-13.915	-7.288	-1.013
741	7.40	2.785	3.352	1.562	-0.677	-1.194	1.274	6.651	13.633	20.361	25.264
751	7.50	27.648	27.767	26.409	24.280	21.553	17.868	12.632	5.786	-2.023	-9.617
761	7.60	-14.855	-17.364	-17.084	-15.271	-13.723	-13.864	-15.959	-18.759	-20.868	-18.257
771	7.70	-11.485	-1.343	9.765	18.444	21.831	18.778	10.355	-0.516	-10.162	-15.494
781	7.80	-15.049	-9.346	-0.480	8.791	16.043	19.869	20.045	17.249	12.547	6.948
791	7.90	1.185	-4.257	-9.000	-12.667	-14.902	-15.496	-14.503	-12.252	-9.203	-5.743
801	8.00	-2.028	2.006	6.459	11.200	15.692	19.009	20.098	18.157	12.988	5.015
811	8.10	-4.644	-14.702	-23.939	-31.435	-36.593	-39.024	-38.425	-34.564	-27.409	-17.319
821	8.20	-5.163	7.754	19.963	30.201	37.701	42.279	44.165	43.599	41.064	36.211
831	8.30	29.016	19.578	8.465	-3.247	-14.197	-23.126	-29.241	-32.378	-32.891	-31.350
841	8.40	-28.226	-23.738	-17.928	-10.911	-3.104	4.707	11.545	16.567	19.371	20.101
851	8.50	19.284	17.497	15.040	11.827	7.544	2.011	-4.479	-11.045	-16.423	-19.420
861	8.60	-19.400	-16.545	-11.776	-6.356	-1.374	2.628	5.739	8.431	11.162	14.030
871	8.70	16.674	18.434	18.687	17.155	14.037	9.898	5.427	1.176	-2.561	-5.716
881	8.80	-8.296	-10.260	-11.498	-11.926	-11.622	-10.896	-10.207	-9.959	-10.273	-10.861
891	8.90	-11.110	-10.337	-8.119	-4.537	-0.203	3.945	6.991	8.386	8.140	6.783
901	9.00	5.123	3.907	3.518	3.806	4.123	3.535	1.156	-3.503	-10.226	-18.004
911	9.10	-25.149	-29.684	-29.910	-25.000	-15.419	-2.969	9.594	19.310	23.885	22.367
921	9.20	15.387	4.879	-6.596	-16.666	-23.635	-26.881	-26.460	-22.817	-16.425	-7.698
931	9.30	2.835	14.255	25.129	33.683	38.295	38.074	33.251	25.131	15.594	6.354
941	9.40	-1.680	-8.599	-15.167	-22.102	-29.362	-35.814	-39.510	-38.472	-31.638	-19.528
951	9.50	-4.272	11.020	23.299	30.572	32.434	29.947	24.975	19.323	14.085	9.470
961	9.60	5.100	0.583	-4.109	-8.287	-10.977	-11.274	-8.792	-3.828	2.786	10.040
971	9.70	17.092	23.416	28.711	32.656	34.724	34.214	30.513	23.487	13.743	2.618
981	9.80	-8.192	-17.182	-23.540	-27.344	-29.358	-30.527	-31.420	-31.898	-31.130	-28.265
991	9.90	-22.502	-14.026	-3.846	6.467	15.314	21.601	25.018	25.979	25.303	23.805

Table 7—20—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	22.027	20.167	18.203	16.058	13.682	10.994	7.746	3.469	-2.405	-10.222
1011	10.10	-19.718	-29.783	-38.557	-43.905	-44.132	-38.645	-28.273	-15.076	-1.700	9.468
1021	10.20	16.999	29.686	21.307	20.020	17.719	14.642	10.414	6.469	-3.387	-12.581
1031	10.30	-21.763	-29.213	-33.683	-33.969	-31.142	-26.315	-21.044	-16.426	-12.635	-8.894
1041	10.40	-3.940	3.235	12.689	23.209	32.569	38.188	38.312	32.669	22.791	11.830
1051	10.50	3.600	0.462	4.270	13.900	26.533	38.373	45.864	46.746	40.594	28.684
1061	10.60	13.330	-2.993	-18.357	-31.670	-42.518	-50.747	-56.078	-57.989	-55.922	-49.683
1071	10.70	-39.766	-27.380	-14.144	-1.529	9.604	19.166	27.577	35.234	41.988	46.939
1081	10.80	48.714	46.103	38.746	27.511	14.326	1.513	-9.080	-16.718	-21.889	-25.822
1091	10.90	-29.659	-33.710	-37.173	-38.471	-36.045	-29.190	-18.529	-5.886	6.388	16.275
1101	11.00	22.730	25.808	26.269	24.920	22.093	17.544	10.829	1.937	-8.223	-17.771
1111	11.10	-24.364	-26.040	-22.021	-13.094	-1.372	10.436	19.939	25.751	27.682	26.447
1121	11.20	23.090	18.462	12.994	6.828	0.139	-6.577	-12.472	-16.609	-18.362	-17.734
1131	11.30	-15.393	-12.384	-9.663	-7.685	-6.265	-4.768	-2.529	0.728	4.691	8.584
1141	11.40	11.530	12.972	12.922	11.927	10.787	10.190	10.433	11.385	12.637	13.755
1151	11.50	14.451	14.590	14.069	12.670	10.040	5.858	0.114	-6.647	-13.318	-18.527
1161	11.60	-21.158	-20.880	-18.416	-15.371	-13.655	-12.704	-18.837	-25.036	-31.260	-35.184
1171	11.70	-35.047	-30.286	-21.693	-11.082	-0.628	7.825	13.229	15.441	15.026	12.902
1181	11.80	10.060	7.396	5.699	5.664	7.828	12.492	19.071	26.903	34.471	40.218
1191	11.90	42.934	42.150	38.266	32.337	25.610	19.014	12.864	6.886	0.561	-6.407
1201	12.00	-13.750	-20.600	-25.800	-28.412	-28.171	-25.681	-22.234	-19.344	-18.212	-19.339
1211	12.10	-22.451	-26.715	-31.113	-34.759	-37.045	-37.563	-35.947	-31.763	-24.587	-14.274
1221	12.20	-1.277	13.150	27.040	38.110	44.368	44.691	39.169	29.067	16.440	3.552
1231	12.30	-7.661	-15.909	-20.574	-21.530	-18.892	-12.889	-3.916	7.275	19.383	30.550
1241	12.40	38.624	41.666	38.537	29.363	15.612	-0.207	-15.196	-26.821	-33.506	-36.877
1251	12.50	-31.594	-24.899	-16.099	-6.218	4.069	14.230	23.580	31.100	35.522	35.694
1261	12.60	31.074	22.118	10.346	-1.994	-12.563	-19.642	-22.617	-22.046	-19.332	-16.072
1271	12.70	-13.438	-11.811	-10.796	-9.580	-7.445	-4.196	-0.304	3.265	5.458	5.573
1281	12.80	3.546	-0.018	-4.084	-7.559	-9.658	-10.113	-9.178	-7.440	-5.539	-3.901
1291	12.90	-2.588	-1.307	0.436	3.100	6.883	11.591	16.644	21.231	24.538	25.981
1301	13.00	25.338	22.749	18.595	13.322	7.309	0.842	-5.807	-12.269	-18.017	-22.441
1311	13.10	-25.055	-25.740	-24.886	-23.332	-22.067	-21.818	-22.696	-24.067	-24.787	-23.647
1321	13.20	-19.903	-13.620	-5.676	2.572	9.806	15.211	18.664	20.612	21.704	22.408
1331	13.30	22.804	22.641	21.597	19.576	16.836	13.886	11.201	8.934	6.804	4.253
1341	13.40	0.812	-3.535	-8.173	-12.015	-13.930	-13.265	-10.188	-5.701	-1.285	1.660
1351	13.50	2.328	0.756	-2.279	-5.639	-8.281	-9.582	-9.405	-7.937	-5.421	-1.966
1361	13.60	2.467	7.901	14.114	20.498	26.109	29.910	31.115	29.467	25.333	19.551
1371	13.70	13.117	6.833	1.075	-4.217	-9.355	-14.603	-19.912	-24.821	-28.557	-30.319
1381	13.80	-29.600	-26.436	-21.459	-15.735	-10.442	-6.517	-4.385	-3.875	-4.326	-4.835
1391	13.90	-4.536	-2.824	0.539	5.421	11.397	17.835	23.977	29.019	32.215	33.023
1401	14.00	31.258	27.206	21.606	15.482	9.849	5.401	2.313	0.258	-1.372	-3.134
1411	14.10	-5.255	-7.546	-9.556	-10.876	-11.431	-11.576	-11.947	-13.115	-15.226	-17.860
1421	14.20	-20.056	-20.888	-19.718	-16.581	-12.150	-7.417	-3.255	-0.075	2.240	4.091
1431	14.30	5.790	7.268	8.062	7.620	5.743	2.932	0.386	-0.402	1.708	6.898
1441	14.40	14.140	21.467	26.548	27.704	24.321	17.116	7.788	-1.638	-9.477	-14.820
1451	14.50	-17.585	-18.254	-17.690	-15.823	-13.555	-10.847	-7.902	-5.086	-2.902	-1.861
1461	14.60	-2.172	-3.804	-6.279	-8.891	-10.885	-11.648	-10.837	-8.425	-4.326	-0.127
1471	14.70	4.577	8.720	11.692	13.112	12.914	11.347	8.864	5.957	2.999	0.181
1481	14.80	-2.625	-4.720	-6.443	-7.153	-6.371	-3.836	0.241	5.094	9.545	12.372
1491	14.90	12.743	10.528	6.353	1.363	-3.200	-6.413	-7.902	-7.826	-6.642	-4.822

Table 7—20—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.661	-0.272	2.265	4.718	6.622	7.371	6.454	3.724	-0.454	-5.246
1511	15.10	-9.590	-12.514	-13.417	-12.191	-9.177	-4.998	-0.382	3.980	7.498	9.709
1521	15.20	10.320	9.276	6.825	3.527	0.158	-2.503	-3.913	-3.937	-2.868	-1.272
1531	15.30	0.262	1.347	1.893	2.020	1.863	1.395	0.378	-1.495	-4.688	-7.847
1541	15.40	-11.233	-13.417	-13.410	-10.731	-5.661	0.789	7.197	12.198	14.913	15.148
1551	15.50	13.313	10.137	6.336	2.391	-1.456	-5.059	-8.179	-10.394	-11.188	-10.177
1561	15.60	-7.369	-3.177	1.471	5.613	8.478	9.752	9.603	8.510	6.977	5.294
1571	15.70	3.457	1.270	-1.431	-4.578	-7.806	-10.560	-12.324	-12.846	-12.238	-10.912
1581	15.80	-9.375	-8.008	-6.922	-5.971	-4.879	-3.414	-1.509	0.735	3.125	5.481
1591	15.90	7.686	9.649	11.214	12.109	11.976	10.526	7.731	3.960	-0.051	-3.414
1601	16.00	-5.414	-5.790	-4.837	-3.265	-1.856	-1.089	-0.919	-0.808	-0.026	1.943
1611	16.10	5.078	8.745	11.929	13.654	13.411	11.392	8.412	5.574	3.822	3.584
1621	16.20	4.656	6.359	7.869	8.557	8.192	6.928	5.126	3.121	1.063	-1.100
1631	16.30	-3.501	-6.183	-8.985	-11.545	-13.427	-14.299	-14.077	-12.963	-11.356	-9.691
1641	16.40	-8.264	-7.341	-6.478	-5.817	-5.104	-4.294	-3.453	-2.703	-2.124	-1.696
1651	16.50	-1.284	-0.694	0.231	1.529	3.082	4.638	5.886	6.554	6.471	5.604
1661	16.60	4.033	1.900	-0.634	-3.412	-6.261	-8.958	-11.200	-12.617	-12.831	-11.565
1671	16.70	-8.748	-4.589	0.429	5.638	10.339	13.976	16.257	17.199	17.074	16.278
1681	16.80	15.167	13.929	12.520	10.704	8.169	4.686	0.265	-4.754	-9.720	-13.786
1691	16.90	-16.125	-16.165	-13.778	-9.356	-3.729	2.051	6.989	10.404	12.056	12.109
1701	17.00	10.960	9.009	6.491	3.445	-0.168	-4.269	-8.499	-12.202	-14.583	-14.991
1711	17.10	-13.202	-9.558	-4.892	-0.256	3.442	5.718	6.612	6.562	6.137	5.778
1721	17.20	5.644	5.653	5.640	5.529	5.410	5.474	5.839	6.400	6.788	6.511
1731	17.30	5.187	2.769	-0.383	-3.635	-6.359	-8.232	-9.371	-10.243	-11.367	-12.962
1741	17.40	-14.731	-15.904	-15.545	-12.987	-8.197	-1.889	4.680	10.146	13.508	14.448
1751	17.50	13.362	11.121	8.690	6.776	5.653	5.209	5.131	5.138	5.115	5.113
1761	17.60	5.244	5.548	5.917	6.116	5.886	5.057	3.620	1.731	-0.361	-2.389
1771	17.70	-4.121	-5.380	-6.024	-5.944	-5.084	-3.491	-1.355	0.983	3.089	4.541
1781	17.80	5.036	4.465	2.910	0.587	-2.263	-5.332	-8.462	-11.414	-13.937	-15.749
1791	17.90	-16.602	-16.380	-15.187	-13.371	-11.444	-9.921	-9.137	-9.117	-9.559	-9.942
1801	18.00	-9.716	-8.501	-6.212	-3.071	0.483	3.948	6.900	9.080	10.411	10.956
1811	18.10	10.858	10.299	9.481	8.620	7.931	7.588	7.664	8.080	8.594	8.850
1821	18.20	8.491	7.288	5.235	2.569	-0.307	-2.968	-5.131	-6.751	-8.029	-9.298
1831	18.30	-10.850	-12.752	-14.753	-16.304	-16.710	-15.352	-11.918	-6.541	0.178	7.301
1841	18.40	13.759	18.607	21.217	21.392	19.358	15.666	11.035	6.190	1.730	-1.940
1851	18.50	-4.617	-6.256	-6.904	-6.636	-5.520	-3.655	-1.206	1.525	4.071	5.848
1861	18.60	6.270	6.934	7.187	-2.778	-7.258	-12.725	-16.090	-17.382	-16.613	-13.699
1871	18.70	-9.303	-4.595	-0.020	4.023	7.363	9.923	11.567	12.029	10.977	8.200
1881	18.80	3.831	-1.524	-6.827	-10.848	-12.525	-11.309	-7.368	-1.552	4.853	10.503
1891	18.90	14.365	15.951	15.363	13.158	10.115	6.994	4.363	2.523	1.522	1.219
1901	19.00	1.361	1.658	1.844	1.733	1.260	0.491	-0.390	-1.148	-1.582	-1.597
1911	19.10	-1.246	-0.702	-0.187	0.118	0.145	-0.043	-0.291	-0.422	-0.307	0.093
1921	19.20	0.717	1.435	2.076	2.457	2.408	1.793	0.568	-1.273	-3.471	-5.708
1931	19.30	-7.580	-8.728	-8.965	-8.358	-7.213	-5.968	-5.029	-4.614	-4.682	-4.972
1941	19.40	-5.147	-4.955	-4.346	-3.484	-2.665	-2.072	-1.845	-1.838	-1.801	-1.477
1951	19.50	-0.739	0.354	1.598	2.745	3.614	4.139	4.342	4.250	3.827	2.969
1961	19.60	1.584	-0.278	-2.333	-4.076	-4.924	-4.433	-2.508	0.517	3.972	7.087
1971	19.70	9.278	10.341	10.469	10.089	9.600	9.139	8.505	7.276	5.054	1.723
1981	19.80	-2.411	-6.681	-10.289	-12.590	-13.314	-12.614	-10.945	-8.832	-6.660	-4.579
1991	19.90	-2.551	-0.493	1.577	3.483	4.955	5.770	5.892	5.521	5.033	4.817

Table 7—20—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.115	5.926	7.025	8.071	8.738	8.805	8.173	6.815	4.732	1.957
2011	20.10	-1.388	-5.006	-8.304	-10.881	-11.889	-11.068	-8.512	-4.771	-0.700	2.821
2021	20.20	5.165	6.124	5.898	4.925	3.642	2.314	0.995	-0.378	-1.818	-3.182
2031	20.30	-4.176	-4.497	-4.020	-2.921	-1.669	-0.841	-0.817	-1.866	-3.481	-5.106
2041	20.40	-6.088	-6.000	-4.799	-2.808	-0.548	1.486	2.993	3.936	4.427	4.619
2051	20.50	4.564	4.202	3.429	2.222	0.723	-0.758	-1.850	-2.263	-1.921	-0.994
2061	20.60	0.166	1.165	1.713	1.710	1.256	0.580	-0.062	-0.467	-0.529	-0.240
2071	20.70	0.342	1.122	1.987	2.821	3.512	3.977	4.173	4.114	3.860	3.488
2081	20.80	3.065	2.628	2.192	1.769	1.395	1.125	1.009	1.051	1.186	1.281
2091	20.90	1.215	0.928	0.486	0.064	-0.128	0.040	0.520	1.074	1.352	1.046
2101	21.00	0.049	-1.462	-3.066	-4.233	-4.549	-3.859	-2.333	-0.404	1.401	2.633
2111	21.10	3.054	2.670	1.673	0.343	-1.051	-2.302	-3.277	-3.903	-4.152	-4.043
2121	21.20	-3.665	-3.082	-2.501	-2.029	-1.730	-1.591	-1.547	-1.539	-1.559	-1.662
2131	21.30	-1.917	-2.335	-2.796	-3.035	-2.733	-1.630	0.330	2.931	5.714	8.124
2141	21.40	9.692	10.203	9.753	8.497	7.499	6.566	6.008	5.809	5.672	5.248
2151	21.50	4.263	2.626	0.466	-1.902	-4.043	-5.537	-6.081	-5.576	-4.172	-2.241
2161	21.60	-0.293	1.162	1.753	1.362	0.153	-1.490	-3.097	-4.271	-4.799	-4.693
2171	21.70	-4.134	-3.359	-2.556	-1.807	-1.101	-0.406	0.264	0.812	1.092	0.985
2181	21.80	0.677	-0.315	-1.175	-1.889	-2.346	-2.595	-2.827	-3.281	-4.120	-5.338
2191	21.90	-6.738	-7.994	-8.776	-8.877	-8.298	-7.252	-6.098	-5.214	-4.877	-5.169
2201	22.00	-5.948	-6.890	-7.579	-7.632	-6.815	-5.115	-2.753	-0.116	2.358	4.315
2211	22.10	5.586	6.220	6.424	6.457	6.501	6.582	6.575	6.278	5.523	4.275
2221	22.20	2.651	0.882	-0.781	-2.141	-3.084	-3.567	-3.463	-2.726	-1.230	1.037
2231	22.30	3.882	6.854	9.306	10.575	10.216	8.187	4.898	1.082	-2.469	-5.179
2241	22.40	-6.872	-7.763	-8.279	-8.794	-9.415	-9.910	-9.826	-8.731	-6.458	-3.233
2251	22.50	0.370	3.625	5.910	6.902	6.638	5.422	3.648	1.637	-0.469	-2.572
2261	22.60	-4.708	-6.746	-8.440	-9.469	-9.557	-8.599	-6.732	-4.305	-1.774	0.437
2271	22.70	2.054	2.992	3.336	3.267	2.989	2.670	2.434	2.356	2.474	2.782
2281	22.80	3.221	3.678	4.003	4.053	3.744	3.083	2.170	1.160	0.207	-0.587
2291	22.90	-1.186	-1.595	-1.819	-1.818	-1.506	-0.790	0.361	1.859	3.478	4.901
2301	23.00	5.815	6.019	5.501	4.467	3.173	2.018	1.224	0.869	0.860	1.003
2311	23.10	1.094	1.006	0.739	0.396	0.135	0.084	0.291	0.705	1.196	1.611
2321	23.20	1.826	1.785	1.502	1.068	0.595	0.197	-0.046	-0.103	-0.002	0.183
2331	23.30	0.553	0.422	0.350	0.176	0.016	0.036	0.390	1.150	2.262	3.561
2341	23.40	4.715	5.521	5.794	5.523	4.851	4.004	3.193	2.529	1.989	1.451
2351	23.50	0.779	-0.087	-1.076	-2.005	-2.653	-2.857	-2.582	-1.936	-1.116	-0.319
2361	23.60	0.327	0.794	1.121	1.355	1.498	1.496	1.284	0.854	0.299	-0.190
2371	23.70	-0.395	-0.182	0.420	1.192	1.797	1.902	1.316	0.065	-1.616	-3.370
2381	23.80	-4.846	-5.797	-6.116	-5.802	-4.901	-3.455	-1.503	0.862	3.435	5.872
2391	23.90	7.739	8.631	8.317	6.842	4.537	1.922	-0.464	-2.227	-3.217	-3.519
2401	24.00	-3.353	-2.935	-2.370	-1.633	-0.621	0.728	2.342	3.986	5.311	5.982
2411	24.10	5.802	4.801	3.237	1.513	0.052	-0.843	-1.067	-0.733	-0.114	0.460
2421	24.20	0.708	0.491	-0.158	-1.043	-1.872	-2.345	-2.250	-1.536	-0.322	1.109
2431	24.30	2.413	3.279	3.529	3.172	2.406	1.544	0.908	0.723	1.038	1.715
2441	24.40	2.486	3.046	3.160	2.739	1.858	0.719	-0.429	-1.377	-2.009	-2.315
2451	24.50	-2.356	-2.205	-1.894	-1.400	-0.668	0.325	1.514	2.718	3.670	4.096
2461	24.60	3.820	2.840	1.351	-0.311	-1.784	-2.801	-3.281	-3.338	-3.210	-3.147
2471	24.70	-3.296	-3.631	-3.989	-4.129	-3.849	-3.069	-1.860	-0.412	1.039	2.287
2481	24.80	3.203	3.740	3.912	3.760	3.335	2.697	1.934	1.159	0.503	0.075
2491	24.90	-0.078	0.009	0.225	0.421	0.462	0.277	-0.134	-0.708	-1.358	-2.007

Table 7—20—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1167 913-GR-2-6 HB. (HB.) AMATSU BRIDGE MAX. ACC. = -57.989 (GAL) T= 10.68 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.607	-3.139	-3.597	-3.981	-4.288	-4.525	-4.710	-4.869	-5.013	-5.116
2511	25.10	-5.104	-4.868	-4.309	-3.392	-2.190	-0.885	0.277	1.057	1.301	0.983
2521	25.20	0.205	-0.849	-1.978	-3.019	-3.877	-4.521	-4.965	-5.249	-5.430	-5.584
2531	25.30	-5.796	-6.137	-6.641	-7.253	-7.833	-8.186	-8.134	-7.596	-6.638	-5.467
2541	25.40	-4.355	-3.532	-3.085	-2.929	-2.860	-2.567	-1.943	-0.965	0.207	1.321
2551	25.50	2.163	2.548	2.552	2.273	1.860	1.407	0.926	0.370	-0.311	-1.102
2561	25.60	-1.904	-2.562	-2.930	-2.941	-2.637	-2.150	-1.638	-1.222	-0.935	-0.737
2571	25.70	-0.556	-0.348	-0.131	0.017	-0.001	-0.250	-0.727	-1.370	-2.088	-2.801
2581	25.80	-3.470	-4.082	-4.619	-5.031	-5.231	-5.134	-4.716	-4.061	-3.362	-2.854
2591	25.90	-2.714	-2.967	-3.442	-3.831	-3.815	-3.215	-2.101	-0.794	0.244	0.587
2601	26.00	0.024	-1.348	-3.154	-4.875	-6.038	-6.372	-5.870	-4.751	-3.343	-1.951
2611	26.10	-0.773	0.116	0.731	1.108	1.283	1.286	1.179	1.074	1.122	1.448
2621	26.20	2.082	2.909	3.683	4.118	4.007	3.320	2.234	1.071	0.164	-0.266
2631	26.30	-0.191	0.243	0.805	1.301	1.652	1.906	2.173	2.534	2.979	3.405
2641	26.40	3.680	3.734	3.609	3.455	3.448	3.693	4.152	4.651	4.959	4.912
2651	26.50	4.502	3.900	3.388	3.236	3.593	4.426	5.549	6.712	7.706	8.425
2661	26.60	8.892	9.187	9.394	9.548	9.635	9.616	9.473	9.233	8.955	8.703
2671	26.70	8.516	8.399	8.360	8.337	8.418	8.631	9.014	9.557	10.187	10.788
2681	26.80	11.247	11.504	11.574	11.532	11.473	11.461	11.505	11.572	11.618	11.629
2691	26.90	11.621	11.630	11.674	11.747	11.834	11.952	12.187	12.676	13.538	14.769
2701	27.00	16.173	17.375	17.951	17.628	16.460	14.878	13.555	13.116	13.808	15.297
2711	27.10	16.697	16.869	14.871	10.381	3.893					

Table 7—21—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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	0.564	1.169	1.612	2.017	2.467	3.023	3.660	4.258	4.638	4.630
11	0.10	4.147	3.232	2.006	0.920	0.082	-0.231	0.066	0.899	2.054	3.229
21	0.20	4.112	4.462	4.174	3.319	2.139	0.992	0.262	0.230	0.978	2.328
31	0.30	3.880	5.129	5.632	5.186	3.912	2.235	0.737	-0.070	0.051	0.936
41	0.40	2.066	2.744	2.379	0.737	-1.914	-4.846	-7.091	-7.773	-6.426	-3.196
51	0.50	1.167	5.525	8.718	9.941	9.012	6.427	3.176	0.383	-1.093	-0.951
61	0.60	0.470	2.359	3.766	3.990	2.833	0.660	-1.772	-3.627	-4.306	-3.637
71	0.70	-1.890	0.387	2.586	4.240	5.118	5.203	4.622	3.567	2.274	1.013
81	0.80	0.081	-0.267	0.067	0.918	1.851	2.287	1.766	0.200	-1.973	-3.917
91	0.90	-4.724	-3.855	-1.460	1.596	4.061	4.843	3.540	0.675	-2.487	-4.496
101	1.00	-4.377	-2.089	1.443	4.750	6.495	6.067	3.827	0.884	-1.461	-2.327
111	1.10	-1.623	0.000	1.537	2.153	1.566	0.102	-1.547	-2.717	-3.080	-2.718
121	1.20	-1.956	-1.106	-0.279	0.604	1.633	2.712	3.488	3.501	2.470	0.547
131	1.30	-1.666	-3.254	-3.617	-2.648	-0.944	0.468	0.644	-0.763	-3.269	-5.748
141	1.40	-6.966	-6.200	-3.616	-0.178	2.787	4.274	2.721	1.325	0.742	0.742
151	1.50	1.195	2.137	2.586	1.716	-0.622	-3.747	-6.458	-7.636	-6.842	-4.558
161	1.60	-1.957	-0.306	-0.324	-1.824	-3.829	-5.109	-4.832	-2.997	-0.419	1.723
171	1.70	2.534	1.887	0.490	-0.507	-0.152	1.748	4.468	6.686	7.144	5.307
181	1.80	1.687	-2.342	-5.166	-5.690	-3.866	-0.741	2.015	2.876	1.167	-2.604
191	1.90	-6.945	-10.010	-10.390	-7.693	-2.709	2.929	7.397	9.377	8.516	5.472
201	2.00	1.577	-1.722	-3.405	-3.197	-1.565	0.571	2.244	2.821	2.190	0.721
211	2.10	-0.950	-2.220	-2.753	-2.576	-2.009	-1.475	-1.288	-1.497	-1.875	-2.031
221	2.20	-1.609	-0.488	1.126	2.734	3.728	3.638	2.344	0.159	-2.255	-4.126
231	2.30	-4.864	-4.292	-2.726	-0.850	0.547	0.877	-0.024	-1.842	-3.914	-5.483
241	2.40	-5.966	-5.143	-3.192	-0.593	2.046	4.172	5.413	5.629	4.911	3.534
251	2.50	1.900	0.452	-0.427	-0.548	-0.009	0.777	1.193	0.640	-1.176	-4.030
261	2.60	-7.157	-9.464	-9.935	-8.074	-4.179	0.681	5.026	7.513	7.462	5.125
271	2.70	1.569	-1.755	-3.605	-3.407	-1.623	1.539	4.069	5.611	5.755	4.742
281	2.80	3.129	1.464	0.053	-1.087	-2.091	-3.044	-3.841	-4.211	-3.880	-2.763
291	2.90	-1.071	0.750	2.224	3.074	3.343	3.341	3.422	3.733	4.084	4.025
301	3.00	3.117	1.257	-1.132	-3.168	-3.849	-2.520	0.743	5.045	8.927	10.911
311	3.10	10.077	6.468	1.008	-4.660	-8.960	-10.841	-10.118	-7.446	-3.983	-0.917
321	3.20	0.948	1.399	0.766	-0.315	-1.123	-1.363	-0.669	0.716	2.478	4.187
331	3.30	5.419	5.849	5.326	3.951	2.085	0.279	-0.893	-1.054	-0.299	1.219
341	3.40	2.559	3.085	2.564	1.145	-0.430	-1.341	-1.035	0.425	2.304	3.696
351	3.50	3.041	0.657	-3.121	-6.919	-9.266	-9.157	-6.557	-2.453	1.556	3.953
361	3.60	3.961	1.862	-1.164	-3.601	-4.273	-2.833	0.155	3.542	6.140	7.217
371	3.70	6.711	5.122	3.158	1.380	0.006	-1.050	-1.977	-2.855	-3.569	-3.895
381	3.80	-3.674	-2.959	-2.013	-1.173	-0.647	-0.396	-0.172	0.301	1.104	2.006
391	3.90	2.546	2.273	1.027	-0.918	-2.923	-4.262	-4.461	-3.516	-1.882	-0.231
401	4.00	0.887	1.297	1.246	1.227	1.675	2.721	4.120	5.374	5.987	5.693
411	4.10	4.555	2.902	1.152	-0.352	-1.440	-2.097	-2.394	-2.417	-2.252	-2.000
421	4.20	-1.780	-1.696	-1.753	-1.802	-1.562	-0.758	0.689	2.517	4.144	4.876
431	4.30	4.241	2.271	-0.420	-2.836	-4.006	-3.399	-1.161	1.963	4.955	6.956
441	4.40	7.561	6.873	5.316	3.361	1.332	-0.607	-2.324	-3.597	-4.119	-3.692
451	4.50	-2.466	-1.052	-0.345	-1.087	-3.366	-6.365	-8.570	-8.430	-5.186	0.580
461	4.60	6.995	11.629	12.596	9.484	3.636	-2.627	-6.176	-6.291	-3.278	0.814
471	4.70	3.470	3.015	-0.521	-5.422	-9.198	-9.888	-7.086	-2.145	2.543	4.786
481	4.80	3.716	0.183	-3.743	-5.885	-5.076	-1.693	2.647	6.013	7.162	6.090
491	4.90	3.834	1.710	0.473	-0.107	-0.983	-3.070	-6.454	-10.081	-12.166	-11.131

Table 7—21—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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	-6.566	0.350	7.250	11.630	12.032	8.732	3.562	-1.046	-3.283	-2.838
511	5.10	-0.934	0.447	-0.259	-3.270	-7.266	-10.055	-9.719	-5.662	1.011	7.947
521	5.20	12.613	13.413	10.324	4.768	-1.153	-5.624	-7.798	-7.901	-6.799	-5.352
531	5.30	-3.943	-2.428	-0.473	1.996	4.562	6.353	6.696	5.398	3.057	0.808
541	5.40	-0.250	0.338	2.088	3.782	4.080	2.231	-1.900	-5.921	-9.476	-10.986
551	5.50	-10.183	-7.858	-4.932	-2.775	-1.675	-1.230	-0.604	0.872	3.211	5.691
561	5.60	7.239	7.065	5.179	2.683	0.346	-0.122	1.298	3.741	5.660	5.623
571	5.70	3.105	-1.157	-5.459	-7.949	-7.558	-4.575	-0.541	2.490	2.962	0.589
581	5.80	-3.504	-7.351	-9.133	-8.070	-4.779	-0.907	1.743	2.142	0.528	-1.784
591	5.90	-3.167	-2.590	-0.201	2.752	4.606	4.200	1.549	-2.109	-4.915	-5.332
601	6.00	-2.934	1.366	5.773	8.492	8.569	6.392	3.229	0.697	-0.168	0.652
611	6.10	2.260	3.430	3.323	1.924	-0.023	-1.599	-1.885	-1.232	-0.272	0.108
621	6.20	-0.572	-2.079	-3.622	-4.370	-4.027	-3.067	-2.477	-3.096	-4.963	-7.073
631	6.30	-7.774	-5.656	-0.467	6.673	12.672	15.565	13.801	8.044	0.813	-4.621
641	6.40	-5.801	-2.322	3.900	9.522	11.408	8.225	1.169	-6.557	-11.282	-10.680
651	6.50	-4.935	3.314	10.235	12.650	9.545	2.507	-5.118	-9.894	-9.951	-5.806
661	6.60	0.033	4.434	5.259	2.399	-2.265	-5.911	-6.275	-2.800	3.122	8.895
671	6.70	12.032	11.358	7.465	2.274	-2.029	-4.083	-3.909	-2.685	-1.910	-2.473
681	6.80	-4.143	-5.740	-5.883	-3.859	-0.141	3.765	6.047	5.504	2.193	-2.561
691	6.90	-6.767	-8.677	-7.546	-3.880	0.899	5.163	7.771	8.419	7.522	5.782
701	7.00	3.750	1.515	-0.962	-3.713	-6.377	-8.207	-8.389	-6.522	-2.975	1.118
711	7.10	4.288	5.384	4.145	1.364	-1.459	-2.828	-1.981	0.723	3.958	6.072
721	7.20	5.892	3.316	-0.613	-4.175	-5.762	-4.621	-1.188	3.117	6.536	7.744
731	7.30	6.406	3.256	-0.286	-2.767	-3.322	-1.998	0.343	2.458	3.277	2.333
741	7.40	-0.099	-3.175	-5.866	-7.346	-7.565	-6.101	-4.188	-2.248	-1.312	-0.669
751	7.50	-0.835	-1.089	-1.523	-0.648	0.580	2.191	3.714	4.655	4.686	3.771
761	7.60	2.182	0.394	-1.093	-1.947	-2.109	-1.786	-1.325	-1.036	-1.044	-1.240
771	7.70	-1.354	-1.113	-0.395	0.690	1.838	2.679	2.939	2.546	1.643	0.499
781	7.80	-0.608	-1.495	-2.092	-2.408	-2.459	-2.238	-1.736	-0.997	-0.167	0.533
791	7.90	0.900	0.885	0.663	0.595	1.050	2.174	3.724	5.084	5.495	4.415
801	8.00	1.845	-1.581	-4.698	-6.653	-6.213	-4.180	-1.327	1.010	1.742	0.543
811	8.10	-1.988	-4.305	-5.693	-4.744	-1.824	1.994	5.217	6.609	5.738	3.133
821	8.20	-0.007	-2.400	-3.259	-2.586	-1.650	0.147	1.284	1.621	1.338	1.663
831	8.30	2.720	4.241	5.443	5.423	3.672	0.428	-3.342	-6.341	-7.529	-6.607
841	8.40	-4.156	-1.350	0.598	0.999	-0.044	-1.758	-3.145	-3.508	-2.766	-1.425
851	8.50	-0.225	0.306	0.158	-0.184	-0.067	0.886	2.477	3.948	4.344	3.025
861	8.60	0.071	-3.656	-6.811	-8.163	-7.113	-5.975	-0.167	3.923	6.164	6.430
871	8.70	5.023	2.756	0.547	-0.961	-1.566	-1.445	-0.927	-0.280	0.382	1.039
881	8.80	1.636	1.987	1.827	0.955	-0.575	-2.379	-4.350	-5.833	-6.618	-6.837
891	8.90	0.348	2.082	2.658	1.797	-0.239	-2.776	-4.994	-6.229	-6.155	-4.818
901	9.00	-2.528	0.284	3.178	5.745	7.608	8.432	7.998	6.504	3.655	0.836
911	9.10	-2.026	-3.710	-4.123	-3.417	-2.109	-0.860	-0.198	-0.321	-1.060	-2.004
921	9.20	-2.704	-2.851	-2.367	-1.266	0.229	1.949	3.666	5.065	5.729	5.234
931	9.30	3.346	0.232	-3.428	-6.575	-8.115	-7.375	-4.458	-0.291	3.682	6.068
941	9.40	6.103	3.981	0.771	-2.061	-3.287	-2.438	0.033	3.007	5.226	5.838
951	9.50	4.718	2.426	-0.117	-2.084	-2.959	-2.816	-1.991	-0.840	0.274	1.217
961	9.60	1.904	2.213	1.942	0.935	-0.781	-2.784	-4.506	-5.267	-4.682	-3.863
971	9.70	-0.418	1.803	3.099	3.247	2.596	1.857	1.698	2.359	3.487	4.301
981	9.80	4.004	2.236	-0.674	-3.801	-6.024	-6.540	-5.236	-2.742	-0.125	1.601
991	9.90	1.926	1.019	-0.417	-1.536	-1.773	-1.073	0.152	1.312	1.981	2.116

Table 7—21—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
1001	10.00	2.035	2.172	2.768	3.661	4.315	4.070	2.502	-0.311	-3.736	-6.799
1011	10.10	-8.567	-8.522	-6.769	-3.981	-1.120	0.944	1.748	1.368	0.329	-0.646
1021	10.20	-0.931	-0.223	1.391	3.506	5.572	7.111	7.849	7.783	7.143	6.284
1031	10.30	5.552	5.166	5.130	5.256	5.207	4.632	3.300	1.206	-1.400	-4.072
1041	10.40	-6.308	-7.706	-8.084	-7.511	-6.231	-4.533	-2.622	-0.571	1.633	3.965
1051	10.50	6.230	8.018	8.790	8.079	5.722	2.013	-2.308	-6.263	-8.954	-9.874
1061	10.60	-9.075	-7.112	-4.794	-2.848	-1.642	-1.093	-0.780	-0.212	0.894	2.454
1071	10.70	4.046	5.114	5.226	4.287	2.585	0.666	-0.901	-1.749	-1.845	-1.459
1081	10.80	-1.011	-0.863	-1.164	-1.799	-2.461	-2.810	-2.628	-1.935	-0.983	-0.167
1091	10.90	0.139	-0.249	-1.215	-2.337	-3.001	-2.620	-0.877	2.081	5.605	8.688
1101	11.00	10.281	9.671	6.779	2.247	-2.736	-6.833	-9.013	-8.898	-6.860	-3.724
1111	11.10	-0.587	1.784	3.067	3.396	3.139	2.621	1.960	1.088	-0.079	-1.412
1121	11.20	-2.531	-2.899	-2.131	-0.274	2.088	4.010	4.598	3.458	0.952	-1.903
1131	11.30	-3.865	-4.042	-2.335	0.483	3.107	4.292	3.427	0.798	-2.560	-5.364
1141	11.40	-6.661	-6.205	-4.473	-2.325	-0.532	0.582	1.189	1.712	2.444	3.273
1151	11.50	3.692	3.093	1.179	-1.748	-4.820	-6.955	-7.378	-6.028	-3.630	-1.375
1161	11.60	-0.354	-1.026	-2.982	-5.144	-6.279	-5.600	-3.145	0.248	3.331	5.017
1171	11.70	4.841	3.112	0.687	-1.467	-2.215	-2.965	-2.586	-2.101	-1.868	-1.793
1181	11.80	-1.585	-0.812	0.712	2.779	4.844	6.276	6.557	5.980	4.640	3.227
1191	11.90	2.231	1.815	1.764	1.631	0.999	-0.284	-2.008	-3.682	-4.760	-4.879
1201	12.00	-4.006	-2.434	-0.639	0.926	1.995	2.547	2.750	2.839	2.986	3.233
1211	12.10	3.497	3.631	3.490	2.979	2.058	0.738	-0.920	-2.782	-4.608	-6.042
1221	12.20	-6.667	-6.121	-4.259	-1.284	2.216	5.378	7.302	7.348	5.382	1.865
1231	12.30	-2.255	-5.831	-7.887	-7.924	-6.071	-3.008	0.250	2.846	4.065	3.788
1241	12.40	2.316	0.231	-1.820	-3.225	-3.998	-3.795	-2.850	-1.404	0.244	1.774
1251	12.50	2.883	3.323	2.995	2.008	0.703	-0.428	-0.895	-0.408	0.983	2.862
1261	12.60	4.577	5.482	5.199	3.783	1.722	-0.246	-1.415	-1.386	-0.219	1.592
1271	12.70	3.307	4.213	3.861	2.211	-0.383	-3.293	-5.812	-7.339	-7.516	-6.295
1281	12.80	-3.935	-0.930	2.101	4.562	6.017	6.295	5.517	4.027	2.254	0.564
1291	12.90	-0.854	-1.986	-2.902	-3.631	-4.060	-3.964	-3.134	-1.568	0.410	2.176
1301	13.00	3.021	2.463	0.522	-2.207	-4.733	-6.067	-5.644	-3.596	-0.704	1.940
1311	13.10	3.425	3.439	2.391	1.197	0.804	1.702	3.652	5.775	6.962	6.404
1321	13.20	3.993	0.398	-3.216	-5.690	-6.358	-5.285	-3.172	-0.977	0.537	1.125
1331	13.30	1.103	1.120	1.790	3.363	5.595	7.863	9.436	9.783	8.761	6.634
1341	13.40	3.927	1.212	-1.072	-2.704	-3.662	-4.050	-4.012	-3.689	-3.206	-2.683
1351	13.50	-2.229	-1.907	-1.704	-1.511	-1.159	-0.488	0.546	1.804	2.955	3.550
1361	13.60	3.172	1.610	-1.011	-4.182	-7.105	-8.898	-8.885	-6.840	-3.161	1.207
1371	13.70	5.013	7.110	6.859	4.592	0.597	-3.177	-5.622	-5.963	-4.255	-1.338
1381	13.80	1.526	3.186	3.074	1.405	-0.975	-3.015	-3.554	-3.632	-2.505	-1.347
1391	13.90	-0.816	-1.111	-1.891	-2.489	-2.299	-1.124	0.698	2.463	3.457	3.329
1401	14.00	2.262	0.873	-0.116	-0.241	0.481	1.594	2.471	2.656	2.098	1.152
1411	14.10	0.356	0.107	0.466	1.016	1.269	0.776	-0.521	-2.243	-3.735	-4.362
1421	14.20	-3.805	-2.190	-0.033	1.991	3.312	3.654	3.078	1.896	0.519	-0.682
1431	14.30	-1.448	1.655	1.300	0.495	0.541	1.515	2.132	2.208	1.779	1.119
1441	14.40	0.648	0.739	1.501	2.671	3.688	3.943	3.088	1.272	-0.868	-2.462
1451	14.50	-2.814	-1.775	0.129	1.887	2.457	1.265	-1.480	-4.830	-7.487	-8.380
1461	14.60	-7.154	-4.335	-1.122	1.167	1.656	0.299	-2.116	-4.340	-5.220	-4.208
1471	14.70	-1.599	1.601	4.091	4.802	3.303	-0.054	-4.281	-8.125	-10.486	-10.767
1481	14.80	-8.920	-5.582	-1.658	1.865	4.213	5.014	4.372	2.815	1.120	0.069
1491	14.90	0.196	1.590	3.842	6.156	7.619	7.526	5.670	2.465	-1.156	-4.044

Table 7—21—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
1501	15.00	-5.233	-4.296	-1.519	2.190	5.613	7.649	7.701	5.875	2.919	-0.065
1511	15.10	-2.023	-2.318	-0.927	1.587	4.304	6.279	6.851	5.822	3.469	0.401
1521	15.20	-2.661	-5.094	-6.518	-6.846	-6.249	-5.077	-3.753	-2.684	-2.171	-2.353
1531	15.30	-3.175	-4.403	-5.699	-6.726	-7.265	-7.281	-6.915	-6.398	-5.913	-5.504
1541	15.40	-5.057	-4.383	-3.370	-2.092	-0.829	0.068	0.379	0.215	0.057	0.601
1551	15.50	2.647	5.750	10.034	14.266	17.207	17.885	16.011	12.109	7.316	2.921
1561	15.60	-0.140	-1.609	-1.897	-1.777	-1.925	-2.566	-3.384	-3.739	-3.072	-1.258
1571	15.70	1.257	3.631	5.007	6.911	8.456	9.258	8.880	7.345	5.952	4.920
1581	15.80	-2.633	-2.324	-1.890	-0.949	0.891	3.683	6.952	9.766	11.093	10.261
1591	15.90	7.307	3.018	-1.374	-4.796	-6.363	-6.498	-5.888	-5.495	-5.956	-7.256
1601	16.00	-8.741	-9.456	-8.644	-6.151	-2.531	1.171	3.874	4.909	4.259	2.482
1611	16.10	0.384	-1.379	-2.579	-3.429	-4.362	-5.707	-7.439	-9.146	-10.224	-10.182
1621	16.20	-8.898	-6.686	-4.136	-1.827	-0.062	1.228	2.369	3.672	5.179	6.553
1631	16.30	7.214	6.628	4.665	1.665	-1.421	-3.546	-5.875	-2.132	1.294	5.505
1641	16.40	9.439	12.242	13.516	13.353	12.175	10.486	8.653	6.805	4.878	2.746
1651	16.50	0.370	-2.119	-4.419	-6.137	-6.900	-6.473	-4.836	-2.216	0.940	4.056
1661	16.60	6.575	8.120	8.630	8.386	7.897	7.664	7.911	8.407	8.495	7.555
1671	16.70	4.405	-0.328	-6.061	-11.436	-14.996	-15.732	-13.519	-9.183	-4.194	-0.099
1681	16.80	2.031	1.925	0.072	-2.619	-5.257	-7.283	-8.531	-9.053	-8.879	-7.875
1691	16.90	-5.829	-2.703	1.125	4.797	7.216	7.497	5.416	1.627	-2.524	-5.510
1701	17.00	-6.260	-4.597	-1.298	2.280	4.806	5.536	4.545	2.592	0.656	-0.550
1711	17.10	-0.876	-0.705	-0.646	-1.140	-2.201	-3.410	-4.144	-3.918	-2.626	-0.595
1721	17.20	1.573	3.272	4.125	4.086	3.393	2.424	1.547	1.025	0.984	1.431
1731	17.30	2.258	3.254	4.123	4.552	4.318	3.401	2.035	0.632	-0.396	-0.844
1741	17.40	-0.854	-0.867	-1.423	-2.856	-5.078	-7.542	-9.444	-10.059	-9.072	-6.722
1751	17.50	-3.703	-0.870	1.098	1.911	1.682	0.746	-0.572	-2.119	-3.897	-5.926
1761	17.60	-8.069	-9.959	-11.100	-11.076	-9.780	-7.499	-4.802	-2.287	-0.299	1.216
1771	17.70	2.638	4.426	6.818	9.636	12.314	14.121	14.479	13.225	10.673	7.482
1781	17.80	4.387	1.928	0.306	-0.598	-1.076	-1.409	-1.740	-2.047	-2.215	-2.127
1791	17.90	-1.739	-1.088	-0.248	0.723	1.826	3.111	4.650	6.485	8.603	10.907
1801	18.00	13.220	15.284	16.774	17.337	16.658	14.538	10.984	6.243	0.787	-4.774
1811	18.10	-9.822	-13.859	-16.584	-17.930	-18.026	-17.137	-15.592	-13.209	-11.736	-9.806
1821	18.20	-7.919	-5.966	-3.809	-1.414	1.062	3.226	4.541	4.528	3.016	0.313
1831	18.30	-2.791	-5.238	-6.061	-4.755	-1.483	2.967	7.473	10.986	12.867	13.017
1841	18.40	11.760	9.575	6.830	3.677	0.145	-3.638	-7.262	-10.016	-11.108	-10.013
1851	18.50	-6.780	-2.136	2.729	6.566	8.494	8.364	6.648	4.199	1.829	-0.005
1861	18.60	-1.302	-2.362	-3.511	-4.869	-6.290	-7.499	-8.318	-8.835	-9.385	-10.356
1871	18.70	-11.910	-13.796	-15.374	-15.868	-14.722	-11.891	-7.897	-3.619	0.599	2.768
1881	18.80	4.512	5.861	7.464	9.689	12.397	14.966	16.584	16.638	15.015	12.161
1891	18.90	8.866	5.884	3.579	1.779	-0.081	-2.593	-5.957	-9.734	-12.897	-14.203
1901	19.00	-12.745	-8.633	-2.190	4.251	8.919	10.311	7.974	2.701	-3.745	-9.291
1911	19.10	-12.331	-12.519	-9.918	-6.675	-4.361	-4.164	-6.324	-10.103	-14.078	-16.836
1921	19.20	-17.471	-15.824	-12.306	-7.511	-1.831	4.675	12.080	20.187	28.176	34.586
1931	19.30	37.717	36.332	30.333	21.043	10.894	2.585	-1.940	-2.251	0.467	3.891
1941	19.40	5.794	4.853	1.283	-3.367	-7.002	-7.976	-5.824	-1.602	3.586	7.404
1951	19.50	9.022	8.418	6.384	3.962	1.901	0.387	-0.808	-1.933	-2.892	-3.158
1961	19.60	-2.047	0.811	5.098	9.789	13.524	15.216	14.545	12.068	8.872	5.957
1971	19.70	3.685	1.630	-1.094	-5.194	-10.630	-16.448	-21.161	-23.474	-22.982	-20.424
1981	19.80	-17.336	-15.258	-14.938	-15.925	-16.842	-16.169	-13.129	-8.171	-2.776	1.361
1991	19.90	3.195	3.124	2.652	3.656	7.274	13.136	19.368	23.426	23.342	18.755

Table 7—21—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
2001	20.00	11.175	3.317	-2.157	-3.864	-2.253	0.790	3.057	3.263	1.739	0.207
2011	20.10	0.761	4.580	11.086	16.005	22.323	21.666	15.417	5.014	-6.700	-16.719
2021	20.20	-23.080	-25.461	-24.924	-23.037	-20.907	-18.648	-15.559	-10.839	-4.399	2.748
2031	20.30	8.765	11.826	11.042	7.001	1.590	-2.812	-4.374	-2.584	1.630	6.435
2041	20.40	9.979	11.179	10.023	7.322	4.106	1.054	-1.747	-4.604	-7.791	-11.167
2051	20.50	-14.127	-15.909	-16.057	-14.756	-12.769	-10.995	-9.873	-8.992	-7.193	-3.167
2061	20.60	3.713	12.743	21.829	28.101	28.997	23.342	11.929	-2.663	-16.953	-27.748
2071	20.70	-33.150	-32.963	-28.412	-21.365	-13.595	-6.062	0.901	7.299	12.969	17.205
2081	20.80	19.091	17.802	13.295	6.638	-0.132	-4.644	-5.094	-1.022	6.376	14.580
2091	20.90	20.616	22.130	18.255	9.914	-0.539	-10.198	-16.650	-18.764	-16.946	-12.781
2101	21.00	-8.259	-4.932	-3.348	-2.989	-2.683	-1.270	1.800	6.213	10.965	14.839
2111	21.10	16.941	17.014	15.407	12.754	9.564	5.985	1.853	-2.987	-8.308	-13.313
2121	21.20	-16.796	-17.587	-15.104	-9.689	-2.570	4.581	10.258	13.621	14.630	13.790
2131	21.30	11.677	8.549	4.276	-1.351	-8.166	-15.176	-20.836	-23.371	-21.665	-15.763
2141	21.40	-7.196	1.716	8.687	12.399	12.975	11.770	10.709	10.709	12.243	14.090
2151	21.50	14.547	12.220	6.772	-0.852	-8.833	-15.267	-18.943	-19.719	-18.358	-15.972
2161	21.60	-13.402	-10.878	-8.094	-4.604	-0.274	4.492	8.875	12.018	13.418	13.127
2171	21.70	11.634	9.559	7.340	5.117	2.853	0.580	-1.429	-2.713	-2.893	-1.976
2181	21.80	-0.498	0.665	0.736	-0.690	-2.436	-3.957	-3.922	-1.870	1.619	5.065
2191	21.90	6.727	5.437	1.205	-4.717	-10.358	-13.892	-14.416	-12.260	-8.709	-5.299
2201	22.00	-3.080	-2.208	-2.054	-1.700	-0.540	1.382	3.446	4.886	5.290	4.875
2211	22.10	4.390	4.688	6.236	8.831	11.662	13.701	14.170	12.867	10.191	6.890
2221	22.20	3.723	1.207	-0.437	-1.172	-1.012	0.019	1.778	3.875	5.644	6.320
2231	22.30	5.401	2.983	-0.119	-2.610	-3.243	-1.410	2.516	7.282	11.270	13.192
2241	22.40	12.618	10.069	6.657	3.451	0.934	-1.164	-3.595	-7.035	-11.584	-16.585
2251	22.50	-20.892	-23.397	-23.565	-21.526	-18.064	-13.937	-9.538	-4.744	0.804	7.202
2261	22.60	13.860	19.479	22.697	21.822	17.468	10.724	3.715	-1.486	-3.757	-3.395
2271	22.70	-1.903	-1.188	-2.559	-6.040	-10.331	-13.452	-13.724	-10.602	-4.950	1.386
2281	22.80	6.663	9.037	9.197	7.974	6.769	6.422	6.915	7.250	6.127	2.687
2291	22.90	-2.946	-9.638	-15.736	-19.797	-21.204	-20.332	-18.222	-15.947	-14.034	-12.226
2301	23.00	-9.713	-5.690	0.073	6.945	13.587	18.462	20.451	19.281	15.582	10.577
2311	23.10	5.581	1.559	-1.097	-2.517	-3.132	-3.427	-3.792	-4.683	-5.633	-7.242
2321	23.20	-9.110	-10.758	-11.512	-10.597	-7.567	-2.571	3.522	9.312	13.363	14.786
2331	23.30	13.640	10.945	8.240	6.884	7.411	9.269	11.069	11.260	8.897	4.140
2341	23.40	-1.764	-7.022	-10.092	-10.366	-8.419	-5.716	-3.928	-5.189	-6.627	-10.374
2351	23.50	-13.997	-16.143	-16.070	-13.861	-10.266	-6.293	-2.776	-0.113	1.757	3.166
2361	23.60	4.465	5.831	7.203	8.341	8.934	8.699	7.443	5.102	1.779	-2.215
2371	23.70	-6.337	-9.859	-12.020	-12.238	-10.331	-6.623	-1.887	2.880	6.767	9.213
2381	23.80	10.115	9.752	8.577	6.976	5.128	3.019	0.589	-2.087	-4.671	-6.599
2391	23.90	-7.246	-6.184	-3.395	0.643	5.048	8.789	11.000	11.255	9.692	6.945
2401	24.00	3.897	1.349	-0.270	-1.044	-1.488	-2.270	-3.842	-6.150	-8.550	-10.091
2411	24.10	-9.484	-6.466	-1.212	5.204	11.225	15.347	16.638	15.025	11.225	6.372
2421	24.20	1.523	-2.724	-6.334	-9.628	-12.920	-16.188	-18.968	-20.527	-20.208	-17.774
2431	24.30	-13.558	-8.360	-3.143	1.310	4.603	6.730	7.900	8.322	8.077	7.149
2441	24.40	5.570	3.585	1.585	0.188	-0.190	0.565	2.181	4.114	5.785	6.820
2451	24.50	7.167	7.054	6.825	6.760	6.970	7.423	8.024	8.697	9.386	9.974
2461	24.60	10.200	9.660	7.932	4.808	0.491	-4.344	-8.704	-11.597	-12.380	-10.977
2471	24.70	-7.855	-3.803	0.376	4.091	7.003	8.913	9.405	8.800	6.293	2.221
2481	24.80	-2.722	-7.280	-9.959	-9.567	-5.757	0.696	8.062	14.229	17.446	16.933
2491	24.90	13.087	7.210	0.930	-4.435	-8.246	-10.558	-11.820	-12.477	-12.728	-12.529

Table 7—21—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
2501	25.00	-11.810	-10.716	-9.677	-9.224	-9.662	-10.370	-11.455	-10.663	-8.028	-2.882
2511	25.10	3.619	9.727	13.536	13.752	10.244	4.129	-2.654	-8.095	-10.857	-10.679
2521	25.20	-8.307	-5.026	-2.035	0.021	1.182	1.944	2.868	4.116	5.521	6.531
2531	25.30	6.625	5.550	3.545	1.330	-0.738	-2.118	-2.664	-2.480	-1.749	-0.589
2541	25.40	0.989	2.985	5.257	7.433	8.971	9.363	8.390	6.270	3.599	1.094
2551	25.50	-0.746	-1.874	-2.685	-3.744	-5.381	-7.363	-8.848	-8.678	-5.901	-0.288
2561	25.60	7.618	15.652	22.539	26.540	26.965	24.117	19.042	13.013	7.019	1.477
2571	25.70	-3.711	-8.831	-13.963	-18.734	-22.345	-23.858	-22.594	-18.450	-11.998	-4.344
2581	25.80	3.175	9.315	13.165	14.258	12.579	8.533	2.886	-3.322	-8.928	-12.891
2591	25.90	-14.564	-13.904	-11.499	-8.360	-5.530	-3.671	-2.817	-2.429	-1.726	-0.151
2601	26.00	2.263	4.830	6.489	6.297	3.901	-0.253	-5.083	-9.335	-12.108	-13.197
2611	26.10	-13.068	-12.509	-12.125	-11.965	-11.463	-9.741	-6.120	-0.580	6.065	12.386
2621	26.20	16.844	18.377	16.798	12.839	7.842	3.238	0.056	-1.352	-1.287	-0.621
2631	26.30	0.568	1.292	1.753	2.240	3.100	4.511	6.355	8.244	9.680	10.254
2641	26.40	9.804	8.468	6.601	4.621	2.834	1.320	-0.077	-1.643	-3.638	-6.142
2651	26.50	-8.971	-11.706	-13.814	-14.840	-14.543	-12.988	-10.523	-7.668	-4.976	-2.890
2661	26.60	-1.667	-1.343	-1.760	-2.610	-3.507	-4.066	-3.982	-3.114	-1.532	0.493
2671	26.70	2.571	4.324	5.520	6.146	6.501	6.689	6.973	7.203	7.159	
2681	26.80	6.702	5.880	4.925	4.126	3.651	3.427	3.159	2.497	1.264	-0.373
2691	26.90	-1.914	-2.733	-2.378	-0.833	1.428	3.628	5.025	5.242	4.410	3.050
2701	27.00	1.767	0.922	0.460	0.007	-0.851	-2.246	-3.885	-5.156	-5.458	-4.552
2711	27.10	-2.749	-0.798	0.465	0.530	-0.540	-2.168	-3.585	-4.244	-4.080	-3.481
2721	27.20	-2.978	-2.854	-2.908	-2.534	-1.103	1.571	4.955	7.899	9.120	7.849
2731	27.30	4.318	-0.209	-3.866	-6.982	-2.823	2.019	7.796	12.246	13.447	10.525
2741	27.40	3.961	-4.709	-13.262	-19.677	-22.587	-21.579	-17.168	-10.552	-3.283	3.197
2751	27.50	7.667	9.558	8.967	6.624	3.679	1.336	0.660	1.288	3.366	5.266
2761	27.60	7.471	7.817	6.720	4.671	2.461	0.806	0.046	0.058	0.400	0.575
2771	27.70	0.276	-0.542	-1.745	-3.216	-4.983	-7.212	-10.032	-13.307	-16.495	-18.711
2781	27.80	-18.994	-16.681	-11.718	-4.757	3.012	10.217	15.721	18.907	19.775	18.816
2791	27.90	16.764	14.343	12.079	10.241	8.860	7.817	6.919	5.988	4.914	3.708
2801	28.00	2.515	1.587	1.197	1.523	2.534	3.938	5.220	5.775	5.093	2.923
2811	28.10	-0.631	-5.125	-9.878	-14.132	-17.229	-18.748	-18.597	-17.026	-14.554	-11.847
2821	28.20	-9.509	-7.910	-7.071	-6.680	-6.252	-5.359	-3.848	-1.917	0.004	1.667
2831	28.30	2.355	2.927	3.754	5.390	8.002	11.155	13.868	15.105	14.093	10.917
2841	28.40	6.464	2.086	-1.005	-2.307	-2.245	-1.928	-2.546	-4.698	-8.019	-11.295
2851	28.50	-13.026	-12.153	-8.590	-3.280	2.249	6.586	9.041	9.844	9.861	9.999
2861	28.60	10.655	11.503	11.236	10.614	7.991	4.512	1.344	-0.423	-0.379	0.936
2871	28.70	2.256	0.218	0.058	-3.957	-8.633	-12.386	-13.976	-13.039	-10.172	-6.544
2881	28.80	-3.266	-0.462	0.887	2.662	5.079	8.166	11.309	13.433	13.586	11.447
2891	28.90	7.528	2.961	-1.026	-3.670	-4.966	-5.564	-6.314	-7.730	-9.649	-11.278
2901	29.00	-11.607	-9.967	-6.440	-1.906	2.302	4.974	5.538	4.263	2.060	-0.006
2911	29.10	-1.245	-1.643	-1.777	-2.415	-3.999	-6.298	-8.415	-9.174	-7.701	-5.926
2921	29.20	1.255	6.248	9.366	9.510	6.614	1.680	-3.624	-7.620	-9.225	-8.280
2931	29.30	-5.459	-1.868	1.468	3.976	5.607	6.627	7.269	7.489	6.947	5.250
2941	29.40	2.302	-1.452	-5.054	-7.366	-7.569	-5.583	-2.180	1.289	3.456	3.532
2951	29.50	1.655	-1.171	-3.537	-4.266	-2.928	-0.037	3.270	5.662	6.296	5.098
2961	29.60	2.737	0.266	-1.380	-1.771	-1.097	0.015	0.856	0.970	0.314	-0.808
2971	29.70	-1.972	-2.870	-3.434	-3.796	-4.123	-4.468	-4.674	-4.445	-3.494	-1.701
2981	29.80	0.814	3.722	6.607	9.093	10.923	11.966	12.164	11.499	10.001	7.791
2991	29.90	5.139	2.448	0.163	-1.380	-2.096	-2.190	-2.063	-2.116	-2.537	-3.180

Table 7—21—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) I= 19.31 (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)
3001	30.00	-3.623	-3.362	-2.037	0.124	2.783	5.138	6.473	6.376	4.880	2.412
3011	30.10	-0.420	-3.083	-5.301	-7.084	-8.605	-10.006	-11.259	-12.137	-12.338	-11.666
3021	30.20	-10.181	-8.226	-6.306	-4.875	-4.133	-3.929	-3.821	-3.276	-1.897	0.394
3031	30.30	3.315	6.325	8.806	10.278	10.508	9.547	7.669	5.267	2.748	0.477
3041	30.40	-1.261	-2.272	-2.469	-1.891	-0.707	0.815	2.365	3.672	4.575	5.035
3051	30.50	5.096	4.818	4.200	3.172	1.638	-0.436	-2.933	-5.581	-8.002	-9.850
3061	30.60	-10.963	-11.331	-11.267	-11.080	-11.013	-11.105	-11.161	-10.867	-9.838	-7.962
3071	30.70	-5.281	-2.061	1.321	4.698	7.195	9.257	10.623	11.292	11.318	10.833
3081	30.80	10.068	9.342	8.987	9.221	10.022	11.082	11.879	11.881	10.675	8.336
3091	30.90	5.265	2.150	-0.295	-1.593	-1.665	-0.829	0.552	1.305	1.648	1.294
3101	31.00	0.617	-0.681	-1.717	-2.546	-3.171	-3.713	-4.303	-5.013	-5.810	-6.556
3111	31.10	-7.050	-7.079	-6.481	-5.212	-3.389	-1.294	0.674	2.135	2.878	2.995
3121	31.20	2.906	5.225	6.500	6.922	10.125	13.231	15.137	14.970	12.512	8.391
3131	31.30	3.919	0.591	-0.533	0.678	3.318	5.784	6.439	4.331	-0.373	-6.408
3141	31.40	-11.919	-15.204	-15.395	-12.768	-8.576	-4.483	-1.882	-1.388	-2.709	-4.912
3151	31.50	-6.908	-7.923	-7.744	-6.655	-5.171	-3.728	-2.517	-1.514	-0.655	-0.021
3161	31.60	0.122	-0.542	-2.140	-4.406	-6.670	-8.071	-7.923	-6.050	-2.914	0.543
3171	31.70	3.290	4.667	4.564	3.606	2.662	2.408	3.151	4.521	5.773	6.146
3181	31.80	5.244	3.213	0.637	-1.767	-3.503	-4.488	-5.006	-5.439	-5.967	-6.381
3191	31.90	-6.162	-4.779	-2.049	1.627	5.314	7.885	8.490	6.957	3.896	0.467
3201	32.00	-2.102	-3.026	-2.257	-0.444	1.420	2.487	2.429	1.552	0.582	0.264
3211	32.10	0.973	2.531	4.306	5.535	5.694	4.732	3.064	1.340	0.119	-0.379
3221	32.20	-0.321	-0.106	-0.104	-0.429	-0.887	-1.105	-0.779	0.103	1.198	1.934
3231	32.30	1.794	0.591	-1.392	-3.474	-4.849	-4.936	-3.637	-1.401	0.939	2.496
3241	32.40	2.665	1.334	-1.087	-3.866	-6.216	-7.586	-7.778	-6.971	-5.565	-4.012
3251	32.50	-2.673	-1.750	-1.310	-1.341	-1.809	-2.664	-3.818	-5.101	-6.251	-6.957
3261	32.60	-6.940	-6.058	-4.372	-2.146	0.220	2.315	3.828	4.633	4.802	4.568
3271	32.70	4.143	3.829	3.751	3.941	4.331	4.788	5.156	5.293	5.103	4.561
3281	32.80	3.720	2.711	1.709	0.886	0.358	0.156	0.228	0.491	0.901	1.501
3291	32.90	2.416	3.788	5.650	7.828	9.907	11.315	11.509	10.198	7.505	3.981
3301	33.00	0.452	-2.272	-3.686	-3.780	-3.024	-2.159	-1.873	-2.509	-3.920	-5.552
3311	33.10	-6.694	-6.797	-5.716	-3.766	-1.583	0.168	0.973	0.838	0.095	-0.652
3321	33.20	-0.778	0.157	2.278	5.387	9.029	12.609	15.500	17.166	17.148	15.354
3331	33.30	11.915	7.302	2.229	-2.505	-6.228	-8.584	-9.622	-9.725	-9.423	-9.144
3341	33.40	-9.035	-8.917	-8.419	-7.201	-5.168	-2.569	0.084	2.222	3.458	3.727
3351	33.50	3.266	2.444	1.531	0.542	-0.757	-2.683	-5.374	-8.600	-11.726	-13.896
3361	33.60	-14.356	-12.770	-9.419	-5.127	-0.993	1.989	3.258	2.839	1.261	-0.696
3371	33.70	-2.311	-3.143	-3.111	-2.403	-1.297	-0.003	1.416	3.012	4.840	6.862
3381	33.80	8.896	10.463	11.882	12.395	12.171	11.328	10.026	8.380	6.416	4.092
3391	33.90	1.372	-1.689	-4.899	-7.958	-10.548	-12.436	-13.555	-14.006	-13.989	-13.695
3401	34.00	-13.213	-12.504	-11.446	-9.940	-8.010	-5.853	-3.805	-2.226	-1.361	-1.232
3411	34.10	-1.609	-2.081	-2.197	-1.619	-0.238	1.800	4.146	6.364	8.062	8.993
3421	34.20	9.095	8.482	7.379	6.049	4.713	3.506	2.453	1.490	0.520	-0.515
3431	34.30	-1.571	-2.667	-2.913	-2.603	-1.342	0.835	3.608	6.434	8.696	9.914
3441	34.40	9.921	8.926	7.425	5.998	5.056	4.674	4.566	4.225	3.197	1.306
3451	34.50	-1.214	-3.786	-5.709	-6.441	-6.819	-6.115	-4.916	-3.020	-1.507	0.076
3461	34.60	1.957	1.443	0.798	0.125	-0.661	-1.644	-2.983	-4.509	-6.030	-7.220
3471	34.70	-7.866	-7.969	-7.746	-7.521	-7.553	-7.883	-8.281	-8.336	-7.630	-5.949
3481	34.80	-3.397	-0.392	2.473	4.629	5.725	5.720	4.861	3.569	2.293	1.384
3491	34.90	1.043	1.333	2.224	3.641	5.470	7.544	9.618	11.365	12.423	12.485

Table 7—21—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) I= 19.31 (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)
3501	35.00	11.407	9.289	6.499	3.613	1.273	0.015	0.099	1.421	3.518	5.697
3511	35.10	7.245	7.654	6.796	4.966	2.780	0.939	-0.035	-0.020	0.649	1.302
3521	35.20	1.201	-0.146	-2.765	-6.181	-9.585	-12.158	-13.384	-13.248	-12.213	-10.988
3531	35.30	-10.207	-10.144	-10.608	-11.051	-10.839	-9.546	-7.149	-4.019	-0.747	2.125
3541	35.40	4.313	5.851	6.987	7.980	8.905	9.587	9.687	8.887	7.084	4.487
3551	35.50	1.564	-1.131	-3.154	-4.309	-4.664	-4.460	-3.971	-3.413	-2.910	-2.542
3561	35.60	-2.393	-2.553	-3.060	-3.812	-4.530	-4.815	-4.324	-2.959	-0.997	0.958
3571	35.70	2.204	2.255	1.103	-0.719	-2.333	-2.892	-1.968	0.234	2.946	5.171
3581	35.80	6.121	5.559	3.864	1.820	0.219	-0.511	-0.663	-0.141	-0.140	-0.793
3591	35.90	-1.991	-3.235	-3.913	-3.624	-2.395	-0.655	0.986	2.049	2.407	2.315
3601	36.00	2.229	2.545	3.383	4.551	5.684	6.467	6.818	6.915	7.062	7.479
3611	36.10	8.145	8.775	8.970	8.420	7.076	5.167	3.076	1.135	-0.521	-1.972
3621	36.20	-3.387	-4.848	-6.232	-7.247	-7.603	-7.228	-6.388	-5.622	-5.504	-6.341
3631	36.30	-7.974	-9.809	-11.064	-11.146	-9.949	-7.923	-5.869	-4.558	-4.356	-5.041
3641	36.40	-5.918	-6.153	-5.175	-2.934	0.092	3.147	5.557	7.019	7.675	7.963
3651	36.50	8.323	8.942	9.665	10.111	9.922	8.992	7.559	6.086	5.025	4.584
3661	36.60	4.530	4.473	3.910	2.601	0.704	-1.268	-2.662	-2.977	-2.085	-0.279
3671	36.70	1.866	3.741	4.941	5.379	5.239	4.812	4.313	3.777	3.080	2.057
3681	36.80	0.650	-1.013	-2.650	-3.948	-4.716	-4.977	-4.954	-4.947	-5.168	-5.629
3691	36.90	-6.122	-6.328	-5.986	-5.042	-3.705	-2.370	-1.450	-1.195	-1.582	-2.330
3701	37.00	-3.033	-3.344	-3.130	-2.516	-1.797	-1.294	-1.167	-1.342	-1.540	-1.422
3711	37.10	-0.766	0.400	1.776	2.897	3.316	2.790	1.381	-0.565	-2.552	-4.119
3721	37.20	-5.009	-5.200	-5.055	-4.704	-4.226	-4.929	-5.244	-5.352	-4.898	-3.642
3731	37.30	-1.568	1.098	3.950	6.538	8.502	9.685	10.152	10.145	9.962	9.834
3741	37.40	9.835	9.867	9.724	9.209	8.244	6.921	5.680	4.194	3.243	2.609
3751	37.50	2.070	1.286	-0.043	-2.021	-4.486	-7.043	-9.212	-10.620	-11.150	-10.988
3761	37.60	-10.537	-10.247	-10.419	-11.089	-11.978	-12.676	-12.725	-11.819	-9.899	-7.102
3771	37.70	-3.784	-0.323	2.930	5.708	7.842	9.245	9.892	9.818	9.105	7.879
3781	37.80	6.293	4.505	2.657	0.871	-0.750	-2.116	-3.160	-3.855	-4.239	-4.420
3791	37.90	-4.546	-4.737	-5.011	-5.234	-5.151	-4.479	-3.644	-0.900	1.641	4.094
3801	38.00	5.986	6.951	7.037	6.506	5.794	5.295	5.201	5.443	5.772	5.920
3811	38.10	5.759	5.371	4.989	4.850	5.033	5.380	5.548	5.163	4.020	2.206
3821	38.20	0.685	-1.813	-3.017	-3.284	-2.678	-1.519	-0.244	0.758	1.255	1.202
3831	38.30	0.697	-0.089	-0.976	-1.796	-2.400	-2.663	-2.508	-1.949	-1.116	-0.239
3841	38.40	0.425	0.697	0.565	0.199	-0.108	-0.072	0.448	1.379	2.459	3.347
3851	38.50	3.763	3.596	2.924	1.957	0.927	0.008	-0.719	-1.230	-1.506	-1.497
3861	38.60	-1.139	-0.422	0.546	1.522	2.185	2.253	1.598	0.305	-1.370	-3.115
3871	38.70	-4.700	-6.066	-7.307	-8.563	-9.890	-11.181	-12.086	-12.326	-11.660	-10.108
3881	38.80	-7.956	-5.662	-3.678	-2.295	-1.558	-1.303	-1.277	-1.282	-1.253	-1.259
3891	38.90	-1.418	-1.786	-2.295	-2.759	-2.945	-2.674	-1.888	-0.653	0.895	2.620
3901	39.00	4.432	6.287	8.344	9.905	11.405	12.639	12.841	12.557	11.685	10.444
3911	39.10	9.091	7.830	6.740	5.775	4.813	3.736	2.698	1.143	-0.226	-1.501
3921	39.20	-2.627	-3.613	-4.516	-5.580	-6.239	-7.000	-7.558	-7.789	-7.608	-7.013
3931	39.30	-6.093	-5.015	-3.991	-3.225	-2.863	-2.944	-3.372	-3.918	-4.266	-4.098
3941	39.40	-3.198	-1.569	0.836	2.955	4.938	6.206	6.615	6.308	5.670	5.182
3951	39.50	5.230	5.961	7.223	8.628	9.709	10.093	9.637	8.452	6.839	5.148
3961	39.60	3.642	2.414	1.391	0.415	-0.658	-1.871	-3.141	-4.306	-5.192	-5.709
3971	39.70	-5.873	-5.800	-5.849	-5.551	-5.566	-5.663	-5.766	-5.788	-5.678	-5.438
3981	39.80	-5.112	-4.761	-4.436	-4.155	-3.922	-3.717	-3.508	-3.245	-2.848	-2.210
3991	39.90	-1.221	0.184	1.969	3.965	5.880	7.379	8.189	8.209	7.569	6.590

Table 7—21—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
4001	40.00	5.670	5.130	5.072	5.339	5.575	5.391	4.537	3.033	1.176	-0.577
4011	40.10	-1.798	-2.268	-2.062	-1.512	-1.043	-0.982	-1.406	-2.121	-2.761	-2.970
4021	40.20	-2.586	-1.735	-0.758	-0.056	0.007	-0.603	-1.653	-2.720	-3.374	-3.366
4031	40.30	-2.719	-1.708	-0.728	-0.116	-0.009	-0.304	-0.722	-0.951	-0.799	-0.273
4041	40.40	0.451	1.024	1.266	1.072	0.546	-0.070	-0.506	-0.572	-0.226	0.427
4051	40.50	1.200	1.899	2.393	2.626	2.598	2.322	1.806	1.054	0.099	-0.968
4061	40.60	-1.998	-2.823	-3.330	-3.517	-3.516	-3.545	-3.817	-4.439	-5.348	-6.325
4071	40.70	-7.067	-7.302	-6.883	-5.817	-4.243	-2.350	-0.320	1.706	3.608	5.251
4081	40.80	6.463	7.064	6.941	6.131	4.854	3.478	2.398	1.891	2.004	2.545
4091	40.90	3.169	3.531	3.427	2.853	1.971	0.985	0.034	-0.866	-1.786	-2.778
4101	41.00	-3.781	-4.600	-4.983	-4.761	-3.977	-2.916	-2.009	-1.636	-1.948	-2.768
4111	41.10	-3.666	-4.153	-3.906	-2.918	-1.482	-0.023	1.125	1.888	2.465	3.184
4121	41.20	4.276	5.703	7.133	8.091	8.208	7.431	6.075	4.682	3.744	3.442
4131	41.30	3.531	3.462	2.667	0.879	-1.676	-4.333	-6.263	-6.848	-5.968	-4.069
4141	41.40	-1.965	-0.481	-0.096	-0.759	-1.945	-2.957	-3.218	-2.560	-1.241	0.218
4151	41.50	1.311	1.786	1.732	1.485	1.415	1.713	2.296	2.858	3.055	2.694
4161	41.60	1.851	0.835	0.043	-0.240	0.031	0.636	1.203	1.380	0.983	0.068
4171	41.70	-1.120	-2.262	-3.103	-3.534	-3.597	-3.431	-3.185	-2.959	-2.780	-2.623
4181	41.80	-2.449	-2.227	-1.949	-1.615	-1.230	-0.813	-0.413	-0.119	-0.051	-0.313
4191	41.90	-0.944	-1.871	-2.912	-3.826	-4.394	-4.497	-4.165	-3.452	-2.562	-1.572
4201	42.00	-0.501	0.687	2.012	3.399	4.656	5.511	5.725	5.193	4.019	2.580
4211	42.10	0.930	-0.344	-1.219	-1.744	-2.068	-2.312	-2.470	-2.396	-1.876	-0.787
4221	42.20	0.805	2.004	3.167	5.070	5.081	4.251	2.892	1.442	0.293	-0.347
4231	42.30	-0.488	-0.296	0.030	0.368	0.712	1.135	1.700	2.386	3.070	3.569
4241	42.40	3.733	3.513	2.986	2.303	1.609	0.968	0.344	-0.362	-1.232	-2.263
4251	42.50	-3.344	-4.289	-4.914	-5.107	-4.859	-4.253	-3.413	-2.454	-1.456	-0.477
4261	42.60	0.425	1.170	1.668	1.854	1.739	1.426	1.096	0.949	1.130	1.676
4271	42.70	2.503	3.436	4.266	4.810	4.955	4.671	4.016	3.120	2.172	1.385
4281	42.80	0.953	0.980	1.429	2.103	2.681	2.821	2.288	1.059	-0.654	-2.465
4291	42.90	-3.953	-4.809	-4.929	-4.414	-3.683	-2.348	-1.130	0.153	1.520	2.927
4301	43.00	4.208	5.100	5.344	4.822	3.640	2.121	0.683	-0.332	-0.794	-0.825
4311	43.10	-0.720	-0.782	-1.172	-1.829	-2.515	-2.943	-2.920	-2.441	-1.671	-0.862
4321	43.20	-0.225	0.140	0.252	0.182	-0.022	-0.376	-0.533	-1.706	-2.599	-3.395
4331	43.30	-3.822	-3.677	-2.942	-1.833	-0.732	-0.058	-0.095	-0.892	-2.255	-3.840
4341	43.40	-5.296	-6.379	-7.007	-7.226	-7.135	-6.814	-6.300	-5.613	-4.803	-3.982
4351	43.50	-3.295	-2.856	-2.068	-2.584	-2.355	-1.726	-0.572	1.016	2.733	4.159
4361	43.60	4.920	4.837	4.006	2.760	1.557	0.806	0.744	1.370	2.481	3.767
4371	43.70	4.923	5.728	6.073	5.941	5.364	4.605	3.147	1.724	0.333	-0.778
4381	43.80	-1.365	-1.274	-0.522	0.665	1.891	2.702	2.737	1.859	0.220	-1.778
4391	43.90	-3.616	-4.830	-5.173	-4.680	-3.635	-2.446	-1.479	-0.937	-0.808	-0.916
4401	44.00	-1.029	-0.979	-0.733	-0.391	-0.116	-0.046	-0.231	-0.621	-1.110	-1.598
4411	44.10	-2.044	-2.463	-2.803	-3.339	-3.737	-3.972	-3.927	-3.549	-2.892	-2.095
4421	44.20	-1.323	-0.684	-0.174	0.318	0.947	1.821	2.923	4.103	5.130	5.787
4431	44.30	5.973	5.737	5.258	4.761	4.423	4.306	4.353	4.427	4.386	4.133
4441	44.40	3.642	2.939	2.076	1.109	0.097	-0.879	-1.706	-2.253	-2.410	-2.143
4451	44.50	-1.525	-0.727	0.045	0.634	0.996	1.211	1.430	1.778	2.264	2.752
4461	44.60	3.012	2.824	2.107	0.986	-0.225	-1.139	-1.447	-1.065	-0.084	1.091
4471	44.70	2.078	2.571	2.465	1.855	1.023	0.218	-0.364	-0.581	-0.514	-0.210
4481	44.80	0.284	0.959	1.829	2.882	4.039	5.152	6.041	6.561	6.655	6.367
4491	44.90	5.817	5.138	4.421	3.701	2.975	2.258	1.616	1.167	1.030	1.250

Table 7—21—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1168 1017-GR-1-8 HA. (HA.) J.H.P.C. LAB. MAX. ACC. = 37.716 (GAL) T= 19.31 (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)
4501	45.00	1.738	2.267	2.541	2.302	1.439	0.051	-1.596	-3.166	-4.398	-5.201
4511	45.10	-5.686	-6.091	-6.661	-7.519	-8.600	-9.666	-10.407	-10.561	-10.019	-8.856
4521	45.20	-7.293	-5.691	-4.010	-2.636	-1.484	-0.483	0.450	1.354	2.207	2.943
4531	45.30	3.492	3.822	3.962	3.995	4.023	4.122	4.301	4.481	4.514	4.222
4541	45.40	3.470	2.224	0.590	-1.197	-2.830	-4.020	-4.591	-4.562	-4.043	-3.376
4551	45.50	-2.835	-2.629	-2.858	-3.323	-3.925	-4.595	-5.053	-5.292	-5.303	-5.091
4561	45.60	-4.648	-3.963	-3.055	-2.012	-0.995	-0.198	0.229	0.251	-0.018	-0.362
4571	45.70	-0.557	-0.478	-0.169	0.171	0.287	-0.011	-0.747	-1.762	-2.788	-3.568
4581	45.80	-3.975	-4.054	-3.976	-3.933	-4.025	-4.206	-4.308	-4.137	-3.572	-2.630
4591	45.90	-1.450	-0.217	0.920	1.904	2.761	3.533	4.214	4.720	4.928	4.750
4601	46.00	4.211	3.469	2.772	2.353	2.330	2.672	3.221	3.793	4.268	4.632
4611	46.10	4.946	5.255	5.507	5.538	5.143	4.201	2.791	1.218	-0.078	-0.710
4621	46.20	-0.526	0.295	1.292	1.922	1.788	0.801	-0.734	-2.317	-3.454	-3.888
4631	46.30	-3.699	-3.246	-2.971	-3.178	-3.883	-4.814	-5.569	-5.716	-5.157	-3.997
4641	46.40	-2.554	-1.888	-0.143	0.533	0.960	1.321	1.741	2.216	2.627	2.817
4651	46.50	2.690	2.271	1.688	1.110	0.661	0.362	0.146	-0.087	-0.393	-0.739
4661	46.60	-1.010	-1.072	-0.843	-0.343	0.303	0.923	1.366	1.551	1.489	1.239
4671	46.70	0.860	0.381	-0.202	-0.880	-1.587	-2.181	-2.465	-2.268	-1.517	-0.298
4681	46.80	1.159	2.549	3.597	4.155	4.234	3.981	3.598	3.252	3.021	2.882
4691	46.90	2.758	2.570	2.281	1.901	1.465	0.995	0.489	-0.074	-0.700	-1.349
4701	47.00	-1.931	-2.333	-2.467	-2.313	-1.928	-1.422	-0.904	-0.440	-0.035	0.345
4711	47.10	0.722	1.078	1.368	1.468	1.428	1.311	1.281	1.507	2.075	2.913
4721	47.20	3.795	4.426	4.572	4.181	3.418	2.607	2.082	2.038	2.432	3.015
4731	47.30	3.451	3.489	3.087	2.431	1.934	1.575	1.749	2.215	2.666	2.787
4741	47.40	2.416	1.627	0.697	-0.034	-0.331	-0.176	0.222	0.539	0.496	-0.009

Table 7—22—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.538	-1.655	-1.046	0.160	1.581	2.789	3.526	3.837	4.016	4.418
11	0.10	5.221	6.273	7.125	7.227	6.195	4.026	1.128	-1.826	-4.157	-5.419
21	0.20	-5.498	-4.555	-2.861	-0.655	1.909	4.671	7.327	9.365	10.145	9.159
31	0.30	6.328	2.197	-2.130	-5.328	-6.356	-4.904	-1.576	2.309	5.221	6.034
41	0.40	4.673	1.207	-2.452	-5.103	-5.817	-4.476	-1.747	1.252	3.425	4.115
51	0.50	3.289	1.457	-0.586	-2.071	-2.498	-1.738	-0.015	2.191	4.270	5.614
61	0.60	5.769	4.576	2.283	-0.452	-2.778	-3.869	-3.285	-1.353	1.066	2.711
71	0.70	2.668	0.664	-2.619	-5.781	-7.296	-6.225	-2.717	1.972	5.980	7.668
81	0.80	6.378	2.761	-1.491	-4.619	-4.688	-2.194	1.910	5.779	7.736	7.018
91	0.90	4.055	0.174	-3.089	-4.698	-4.509	-3.168	-1.635	-0.630	-0.314	-0.347
101	1.00	-0.260	0.132	0.562	0.577	-0.534	-2.349	-4.223	-5.114	-4.257	-1.684
111	1.10	1.648	4.247	6.818	2.980	-0.460	-3.837	-5.447	-4.428	-1.237	2.550
121	1.20	5.042	5.021	2.593	-0.861	-3.431	-3.728	-1.679	1.390	3.439	2.834
131	1.30	-0.696	-5.799	-10.097	-11.373	-8.725	-3.094	3.141	7.299	7.709	4.511
141	1.40	-0.453	-4.600	-5.925	-3.982	-0.045	3.635	5.047	3.585	0.197	-2.983
151	1.50	-3.892	-1.661	2.875	7.567	10.050	8.970	4.712	-0.765	-4.903	-5.838
161	1.60	-3.358	0.967	4.552	5.080	1.674	-6.612	-11.227	-15.265	-14.768	-9.609
171	1.70	-1.540	6.558	11.876	12.773	9.313	3.073	-3.614	-8.606	-10.667	-9.700
181	1.80	-6.507	-2.266	1.975	5.571	8.269	10.015	10.742	10.306	8.575	5.624
191	1.90	1.865	-1.983	-5.071	-6.735	-6.729	-5.306	-3.102	-0.871	0.784	1.581
201	2.00	1.557	0.942	-0.016	-1.158	-2.411	-3.696	-4.860	-5.563	-5.590	-4.836
211	2.10	-3.546	-2.285	-1.728	-2.316	-3.939	-5.827	-6.760	-5.565	-3.716	-1.244
221	2.20	10.694	15.410	16.401	12.774	5.269	-3.925	-11.709	-15.394	-13.680	-7.267
231	2.30	1.328	8.694	11.837	9.375	2.132	-7.139	-14.804	-17.762	-14.671	-6.499
241	2.40	3.860	12.600	16.651	14.675	7.647	-1.593	-9.479	-13.124	-11.416	-5.383
251	2.50	2.313	8.508	10.842	8.669	3.237	-2.937	-7.196	-7.883	-5.005	-0.155
261	2.60	4.263	6.127	4.536	0.175	-5.032	-8.805	-9.508	-6.830	-1.853	3.478
271	2.70	7.223	8.238	6.548	3.189	-0.360	-2.847	-3.695	-3.070	-1.587	0.109
281	2.80	1.662	3.057	4.422	5.750	6.742	6.899	5.805	3.458	0.410	-2.386
291	2.90	-3.986	-3.916	-2.445	-0.509	0.707	0.328	-1.781	-4.926	-7.887	-9.470
301	3.00	-9.035	-6.756	-3.506	-0.431	1.550	2.104	1.526	0.516	-0.196	-0.158
311	3.10	0.692	2.417	3.779	5.408	6.857	8.040	8.842	9.102	8.703	7.712
321	3.20	6.464	5.477	5.197	5.704	6.533	6.780	5.507	2.272	-2.468	-7.335
331	3.30	-10.491	-10.411	-6.653	-0.229	6.643	11.376	12.099	8.504	2.063	-4.548
341	3.40	-8.583	-8.432	-6.364	1.565	6.413	7.678	4.452	-2.113	-9.269	-13.856
351	3.50	-13.705	-8.614	-0.479	7.506	12.210	11.902	6.962	-0.315	-6.754	-9.677
361	3.60	-8.039	-2.815	3.497	8.020	8.769	5.485	-0.319	-6.080	-9.345	-8.829
371	3.70	-4.923	0.552	5.202	7.120	5.685	1.753	-2.792	-5.906	-6.269	-3.799
381	3.80	0.390	4.532	6.977	6.845	4.312	0.438	-3.323	-5.697	-6.023	-4.390
391	3.90	-1.496	1.661	4.126	5.233	4.742	2.856	0.168	-2.465	-4.122	-4.086
401	4.00	-2.135	1.259	4.965	7.402	7.287	4.045	-1.700	-8.183	-13.652	-14.253
411	4.10	-10.910	-3.815	4.759	11.863	15.019	13.220	7.341	-0.231	-6.585	-9.486
421	4.20	-8.238	-3.882	1.382	5.213	6.136	4.092	0.313	-3.364	-5.383	-5.123
431	4.30	-3.061	-0.395	1.604	2.186	1.383	-0.156	-1.600	-2.389	-2.460	-2.171
441	4.40	-1.996	-2.205	-2.711	-3.152	-3.161	-2.516	-1.436	-0.266	0.648	1.190
451	4.50	1.524	1.950	2.667	3.581	4.291	4.267	3.138	0.927	-1.905	-4.614
461	4.60	-6.467	-7.011	-6.199	-4.335	-1.898	0.638	2.892	4.564	5.380	5.091
471	4.70	3.575	0.986	-2.145	-4.992	-6.698	-6.749	-5.258	-2.984	-1.030	-0.325
481	4.80	-1.144	-2.916	-4.453	-4.524	-2.493	1.288	3.559	5.697	7.466	7.624
491	4.90	4.065	0.435	-1.627	-1.242	1.305	4.697	7.190	7.383	4.811	0.110

Table 7—22—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-5.297	-9.800	-12.206	-12.102	-9.868	-6.406	-2.752	0.234	2.048	2.551
511	5.10	1.917	0.555	-0.968	-2.044	-2.196	-1.267	0.423	2.134	2.957	2.227
521	5.20	-0.093	-3.267	-6.000	-6.976	-5.475	-1.789	2.815	6.601	8.129	6.921
531	5.30	3.691	0.022	-2.395	-2.572	-0.695	1.959	3.697	3.246	0.426	-3.717
541	5.40	-7.375	-8.815	-7.195	-2.949	2.397	6.902	9.033	8.263	5.190	1.177
551	5.50	-2.291	-4.192	-4.269	-2.948	-0.996	0.894	2.336	3.291	3.900	4.286
561	5.60	4.462	4.265	3.670	2.707	1.570	0.513	-0.296	-0.859	-1.326	-1.880
571	5.70	-2.591	-3.345	-3.896	-4.005	-3.579	-2.722	-1.657	-0.565	0.532	1.768
581	5.80	3.278	4.983	6.452	6.984	5.917	3.039	-1.114	-5.276	-7.846	-7.546
591	5.90	-4.052	1.718	7.830	12.039	12.682	9.383	3.240	-3.613	-8.864	-10.948
601	6.00	-9.613	-5.907	-1.608	1.606	2.858	2.323	0.959	-0.106	-0.203	0.572
611	6.10	1.495	1.704	0.754	-1.082	-2.915	-3.717	-2.894	-0.652	2.051	3.960
621	6.20	4.151	2.517	-0.152	-2.538	-3.442	-2.369	0.220	3.133	5.030	5.652
631	6.30	3.239	0.431	-2.134	-3.447	-3.189	-1.821	-0.285	0.520	0.192	-1.004
641	6.40	-2.331	-3.006	-2.630	-1.378	0.128	1.188	1.404	0.889	0.165	-0.154
651	6.50	0.272	1.311	2.434	3.022	2.727	1.680	0.442	-0.301	-0.110	0.961
661	6.60	2.375	3.392	3.444	2.438	0.799	-0.735	-1.481	-1.127	0.149	1.801
671	6.70	3.207	3.947	3.938	3.366	2.485	1.437	0.189	-1.348	-3.118	-4.775
681	6.80	-5.723	-5.357	-3.407	-0.194	3.359	6.022	6.748	5.169	1.721	-2.311
691	6.90	-5.471	-6.649	-5.561	-2.867	0.137	2.092	2.178	0.456	-2.168	-4.376
701	7.00	-5.026	-3.670	-0.760	2.546	4.868	5.184	3.255	-0.277	-4.148	-6.970
711	7.10	-7.754	-6.276	-3.127	0.542	3.463	4.720	4.051	1.908	-0.759	-2.872
721	7.20	-3.620	-2.735	-0.555	2.128	4.375	5.442	5.041	3.422	1.265	-0.578
731	7.30	-1.404	-0.921	0.639	2.597	4.076	4.316	2.999	0.372	-2.799	-5.487
741	7.40	-6.783	-6.241	-4.070	-1.081	1.409	2.996	2.585	0.597	-2.112	-4.381
751	7.50	-5.211	-4.166	-1.560	1.771	4.653	6.231	6.221	5.002	3.403	2.281
761	7.60	2.113	2.773	3.600	3.741	2.592	0.141	-2.966	-5.660	-6.901	-6.143
771	7.70	-3.597	-0.170	2.894	4.526	4.265	2.432	-0.035	-2.007	-2.655	-1.805
781	7.80	0.012	1.814	2.620	1.890	-0.235	-2.998	-5.354	-6.416	-5.817	-3.866
791	7.90	-1.300	0.864	1.922	1.649	0.363	-1.259	-2.495	-2.877	-2.354	-1.265
801	8.00	-0.165	0.421	0.194	-0.826	-2.330	-3.836	-4.835	-4.929	-3.927	-1.907
811	8.10	0.762	3.467	5.461	6.063	4.901	2.114	-1.582	-5.036	-7.017	-6.662
821	8.20	-3.862	0.600	5.262	8.486	9.080	6.787	2.422	-2.618	-5.971	-6.996
831	8.30	-5.256	-1.586	2.474	5.326	5.954	4.292	1.181	-2.044	-4.166	-4.482
841	8.40	-3.212	-1.145	0.870	1.416	0.830	-0.738	-2.540	-3.775	-3.920	-2.895
851	8.50	-1.032	1.107	2.972	4.196	4.658	4.438	3.708	2.648	1.405	0.108
861	8.60	-1.103	-2.066	-2.626	-2.687	-2.269	-1.513	-0.642	0.105	0.545	0.585
871	8.70	0.210	-0.550	-1.645	-2.991	-4.426	-5.659	-6.279	-5.846	-4.066	-0.958
881	8.80	5.008	6.983	9.967	11.068	9.922	6.889	2.839	-1.026	-3.643	-4.459
891	8.90	-3.602	-1.775	0.090	1.237	1.397	0.847	0.213	0.118	0.845	2.182
901	9.00	3.511	4.101	3.460	1.568	-1.090	-3.717	-5.510	-5.944	-4.921	-2.735
911	9.10	0.081	2.944	5.356	6.950	7.477	6.796	4.907	2.027	-1.355	-4.507
921	9.20	-6.606	-6.992	-5.416	-2.182	1.905	5.771	8.419	9.232	8.133	5.545
931	9.30	2.189	-1.177	-3.971	-5.886	-6.863	-7.000	-6.454	-5.393	-3.993	-2.451
941	9.40	-0.984	0.216	1.036	1.478	1.642	1.672	1.662	1.605	1.405	0.951
951	9.50	0.204	-0.741	-1.666	-2.316	-2.509	-2.220	-1.598	-0.893	-0.362	-0.166
961	9.60	-0.334	-0.781	-1.365	-1.939	-2.373	-2.569	-2.353	-1.692	-0.548	0.967
971	9.70	2.584	3.936	4.677	4.646	3.964	3.029	2.365	2.399	3.240	4.588
981	9.80	5.817	6.222	5.317	3.076	-0.011	-3.086	-5.232	-5.816	-4.741	-2.493
991	9.90	0.018	1.774	2.012	0.489	-2.415	-5.816	-8.608	-9.823	-8.956	-6.144

Table 7—22—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1169 1917-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.130	1.969	5.038	6.336	5.745	3.794	1.445	-0.292	-0.759	0.096
1011	10.10	1.712	3.162	3.559	2.461	-0.022	-3.094	-5.769	-7.178	-6.920	-5.185
1021	10.20	-2.635	-0.106	1.718	2.520	2.371	1.589	0.533	-0.561	-1.603	-2.562
1031	10.30	-3.331	-3.660	-3.212	-1.736	0.732	3.742	6.510	8.157	8.051	6.997
1041	10.40	2.844	-0.672	-3.274	-4.075	-2.606	0.093	3.550	6.730	8.457	8.511
1051	10.50	7.192	5.230	3.438	2.358	2.043	2.076	1.805	0.681	-1.430	-4.129
1061	10.60	-6.604	-7.951	-7.564	-5.427	-2.175	1.115	3.521	3.711	2.232	-0.478
1071	10.70	-3.341	-5.276	-5.612	-4.325	-2.003	0.434	2.127	2.609	1.944	0.631
1081	10.80	-0.656	-1.362	-1.235	-0.360	0.962	2.377	3.609	4.486	4.889	4.693
1091	10.90	3.764	2.053	-0.286	-2.815	-4.864	-5.736	-4.986	-2.651	0.696	4.103
1101	11.00	6.581	7.452	6.582	4.378	1.576	-1.076	-3.065	-4.213	-4.581	-4.302
1111	11.10	-3.434	-1.970	0.048	2.355	4.409	5.513	5.097	3.031	-0.214	-3.674
1121	11.20	-6.255	-7.194	-6.404	-4.506	-2.519	-1.355	-1.356	-2.114	-2.699	-2.147
1131	11.30	-0.023	3.266	6.571	8.471	7.919	4.756	-0.156	-5.237	-8.802	-9.702
1141	11.40	-7.739	-3.685	1.072	5.050	7.190	7.124	5.181	2.151	-1.027	-3.555
1151	11.50	-4.943	-5.158	-4.392	-3.149	-1.994	-1.394	-1.547	-2.290	-3.134	-3.453
1161	11.60	-2.780	-1.484	1.125	2.940	3.434	2.113	-0.766	-4.206	-6.842	-7.526
1171	11.70	-5.865	-2.464	1.611	4.216	5.016	3.826	1.606	-0.227	-0.514	1.052
1181	11.80	3.758	6.224	7.096	5.757	2.676	-0.776	-2.956	-2.736	-0.060	3.962
1191	11.90	7.589	9.147	7.782	3.813	-1.429	-6.163	-8.869	-8.829	-6.310	-2.366
1201	12.00	1.611	4.355	5.066	3.523	0.063	-4.558	-9.297	-12.979	-14.501	-13.109
1211	12.10	-8.701	-2.027	5.348	11.419	14.370	13.258	8.468	1.694	-4.611	-8.144
1221	12.20	-7.662	-3.513	2.464	7.666	9.784	7.772	2.293	-4.539	-10.024	-11.990
1231	12.30	-9.674	-4.023	2.720	7.962	9.703	7.471	2.243	-3.940	-8.862	-10.995
1241	12.40	-10.005	-6.718	-2.633	0.784	2.686	3.073	2.612	2.180	2.369	3.208
1251	12.50	4.198	4.628	3.984	2.257	-0.028	-2.033	-2.992	-2.557	-0.948	1.153
1261	12.60	2.908	3.670	3.232	1.858	0.121	-1.377	-2.259	-2.492	-2.343	-2.207
1271	12.70	-2.396	-2.994	-3.822	-4.515	-4.668	-3.984	-2.378	-0.017	2.710	5.263
1281	12.80	7.062	7.627	6.709	4.409	1.211	-2.088	-4.572	-5.479	-4.473	-1.798
1291	12.90	1.759	5.096	7.173	7.366	5.687	2.759	-0.437	-2.959	-4.154	-4.031
1301	13.00	-3.007	-1.747	-0.833	-0.518	-0.673	-0.923	-0.892	-0.418	0.359	1.085
1311	13.10	1.409	1.167	0.585	0.002	-0.140	0.366	1.377	2.435	2.993	2.692
1321	13.20	1.578	0.129	-0.941	-1.011	0.137	2.167	4.294	5.603	5.455	3.784
1331	13.30	1.162	-1.419	-2.956	-2.851	-1.170	1.388	3.777	5.044	4.708	2.944
1341	13.40	0.487	-1.686	-2.760	-2.386	-0.791	1.354	3.224	4.162	3.903	2.623
1351	13.50	0.826	-0.867	-1.935	-2.106	-1.387	-0.034	1.571	3.021	3.984	4.273
1361	13.60	3.882	2.933	1.883	0.929	0.390	0.343	0.634	0.921	0.819	0.087
1371	13.70	-1.228	-2.766	-3.976	-4.346	-3.650	-2.089	-0.255	1.092	1.334	0.267
1381	13.80	-1.787	-4.090	-5.773	-6.174	-5.091	-2.851	-0.171	2.115	3.342	3.212
1391	13.90	1.842	-0.334	-2.730	-4.780	-6.060	-6.350	-5.649	-4.164	-2.272	-0.449
1401	14.00	0.840	1.286	0.848	-0.201	-1.386	-2.118	-2.125	-1.406	-0.331	0.561
1411	14.10	0.838	0.422	-0.328	-0.767	-0.284	1.359	3.838	6.346	7.919	7.877
1421	14.20	0.155	0.377	0.579	-1.206	-1.448	-0.389	1.350	2.555	2.513	1.070
1431	14.30	-1.252	-3.519	-4.830	-5.744	-5.467	-3.731	-0.432	-0.201	-1.123	-2.712
1441	14.40	-4.149	-4.666	-3.777	-1.620	1.308	4.279	6.613	7.852	7.819	6.568
1451	14.50	4.310	1.363	-1.850	-4.801	-6.913	-7.690	-6.903	-4.733	-1.782	1.096
1461	14.60	3.093	3.769	3.226	2.055	1.052	0.825	1.490	2.592	3.319	2.908
1471	14.70	1.054	-1.881	-4.970	-7.105	-7.484	-5.973	-3.176	-0.172	1.949	2.546
1481	14.80	1.652	-0.115	-1.897	-3.019	-3.272	-2.925	-2.485	-2.347	-2.544	-2.728
1491	14.90	-2.392	-1.219	0.665	2.665	3.971	3.960	2.544	0.271	-1.884	-2.947

Table 7—22—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1169 1917-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.390	-0.364	2.384	4.871	6.321	6.478	5.632	4.389	3.192	2.241
1511	15.10	1.257	-0.186	-2.318	-4.897	-7.201	-8.516	-7.583	-4.997	-1.303	2.254
1521	15.20	4.450	4.619	2.946	0.379	-1.825	-2.687	-1.965	-0.251	1.322	1.636
1531	15.30	0.134	-2.896	-6.418	-9.086	-9.813	-8.218	-4.769	-0.572	3.081	5.193
1541	15.40	5.389	3.967	1.692	-0.554	-2.106	-2.701	-2.474	-1.801	-1.076	-0.534
1551	15.50	-0.178	0.170	0.743	1.684	2.960	4.347	5.507	6.109	5.937	4.966
1561	15.60	3.357	1.411	-0.540	-2.194	-3.338	-3.857	-3.719	-2.957	-1.680	-0.082
1571	15.70	1.546	2.845	3.473	3.220	2.120	0.485	-1.156	-2.221	-2.286	-1.247
1581	15.80	0.633	2.819	4.708	5.854	6.108	5.526	3.829	3.029	3.061	2.456
1591	15.90	1.902	1.282	0.578	-0.116	-0.671	-1.047	-1.364	-1.876	-2.852	-4.298
1601	16.00	-6.034	-7.516	-8.115	-7.370	-5.221	-2.101	1.183	3.732	4.892	4.495
1611	16.10	2.904	0.848	-0.878	-1.717	-1.539	-0.637	0.433	1.108	1.039	0.205
1621	16.20	-1.110	-2.658	-3.404	-3.674	-3.220	-2.200	-0.882	0.462	1.644	2.591
1631	16.30	3.322	3.877	4.254	4.357	4.068	3.224	1.820	0.042	-1.716	-2.940
1641	16.40	-3.170	-2.191	-0.169	2.345	4.568	5.749	5.849	3.918	1.104	-1.535
1651	16.50	-3.345	-3.784	-2.816	-0.906	1.165	2.601	2.877	1.913	0.077	-1.961
1661	16.60	-3.471	-3.897	-3.013	-0.976	1.735	4.461	6.530	7.422	6.887	5.004
1671	16.70	2.159	-1.049	-3.956	-5.995	-6.829	-6.410	-4.962	-2.877	-0.596	1.509
1681	16.80	3.187	4.318	4.867	4.852	4.322	3.363	2.111	0.753	-0.514	-1.540
1691	16.90	-2.274	-2.775	-3.166	-3.550	-3.923	-4.146	-3.982	-3.205	-1.731	0.303
1701	17.00	2.541	4.505	5.747	6.004	5.279	3.830	2.087	0.505	-0.553	-0.909
1711	17.10	-0.588	0.201	1.136	1.856	2.061	1.592	0.499	-0.959	-2.370	-3.306
1721	17.20	-3.483	-2.897	-1.857	-0.892	-0.543	-1.134	-2.608	-4.520	-6.195	-7.003
1731	17.30	-6.613	-5.129	-3.038	-0.992	0.469	1.119	1.092	0.747	0.444	0.344
1741	17.40	0.341	0.164	-0.611	-1.359	-2.333	-2.771	-2.140	-0.219	2.735	6.010
1751	17.50	8.667	9.868	9.184	6.738	3.156	-0.665	-3.855	-5.823	-6.390	-5.765
1761	17.60	-4.407	-2.852	-1.552	-0.787	-0.638	-1.016	-1.718	-2.699	-3.143	-3.524
1771	17.70	-3.640	-3.693	-3.591	-3.269	-3.843	-3.927	-3.587	-2.511	-0.565	2.084
1781	17.80	4.952	5.567	8.692	8.557	7.097	4.748	2.255	0.293	-0.774	-1.018
1791	17.90	-0.886	-0.971	-1.719	-3.201	-5.052	-6.603	-7.146	-6.236	-3.882	-0.564
1801	18.00	2.930	5.783	7.417	7.654	6.720	5.092	3.288	1.674	0.382	-0.644
1811	18.10	-1.524	-2.301	-2.869	-3.012	-2.523	-1.355	0.296	2.010	3.282	3.713
1821	18.20	3.187	1.924	0.412	-0.777	-1.194	-0.674	0.633	2.338	3.962	5.079
1831	18.30	5.410	4.837	3.384	1.194	-1.449	-4.096	-6.131	-6.869	-5.764	-2.659
1841	18.40	2.002	7.159	11.560	13.211	11.879	7.469	1.073	-5.541	-10.526	-12.597
1851	18.50	-11.473	-7.925	-3.431	0.433	2.587	2.793	1.686	0.105	-0.817	-0.671
1861	18.60	0.374	1.678	2.495	2.350	1.251	-0.347	-1.791	-2.542	-2.398	-1.541
1871	18.70	-0.387	0.637	1.284	1.553	1.614	1.652	1.735	1.773	1.582	1.008
1881	18.80	0.029	-1.221	-2.517	-3.657	-4.539	-5.180	-5.642	-5.938	-5.974	-5.575
1891	18.90	-4.598	-3.060	-1.210	0.525	1.701	2.076	1.759	1.213	1.072	1.843
1901	19.00	3.628	5.983	8.030	8.771	7.516	4.222	-0.388	-5.015	-8.219	-8.946
1911	19.10	-6.930	-2.823	2.012	5.965	7.733	6.741	3.300	-1.559	-6.472	-10.200
1921	19.20	-11.972	-11.622	-9.482	-6.159	-2.281	1.644	5.250	8.240	10.314	11.179
1931	19.30	10.650	8.787	5.986	2.920	0.332	-1.244	-1.711	-1.459	-1.186	-1.566
1941	19.40	-2.903	-4.950	-6.993	-8.165	-7.860	-6.038	-3.246	-0.477	1.459	2.125
1951	19.50	1.724	0.943	0.566	1.061	2.324	3.739	4.507	4.084	2.483	0.287
1961	19.60	-1.646	-2.625	-2.505	-1.744	-1.143	-1.372	-2.538	-4.036	-4.783	-3.771
1971	19.70	-0.608	4.166	9.215	12.932	14.131	12.554	8.962	4.747	1.266	-0.787
1981	19.80	-1.642	-2.230	-3.581	-6.160	-9.486	-12.254	-12.913	-10.441	-4.936	2.278
1991	19.90	9.105	13.481	14.201	11.361	6.259	0.805	-3.281	-5.100	-4.795	-3.287

Table 7—22—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.715	-0.866	-0.867	-1.261	-1.378	-0.781	0.459	1.779	2.412	1.778
2011	20.10	-0.231	-3.197	-6.375	-9.000	-10.555	-10.871	-10.042	-8.258	-5.663	-2.348
2021	20.20	1.528	5.595	9.210	11.571	11.981	10.168	6.370	1.495	-3.325	-7.068
2031	20.30	-9.063	-9.235	-7.969	-5.863	-3.458	-1.069	1.209	3.364	5.309	6.802
2041	20.40	7.509	7.161	5.719	3.436	0.789	-1.697	-3.612	-4.777	-5.130	-4.681
2051	20.50	-3.373	-1.106	2.123	6.029	9.919	12.786	13.603	11.759	7.410	1.588
2061	20.60	-4.053	-7.777	-8.392	-7.708	-6.636	-5.145	9.787	11.927	11.115	7.873
2071	20.70	3.400	-0.934	-4.074	-5.559	-5.531	-4.517	-3.159	-1.889	-1.053	-0.765
2081	20.80	-1.109	-2.181	-4.039	-6.591	-9.481	-12.077	-13.604	-13.388	-11.123	-7.037
2091	20.90	-1.872	3.327	7.545	10.115	10.912	10.332	9.083	7.875	7.128	6.822
2101	21.00	6.532	5.646	3.650	0.384	-3.835	-8.276	-12.009	-14.196	-14.369	-12.462
2111	21.10	-8.998	-6.718	-0.455	3.126	5.644	7.053	7.551	7.454	7.054	6.528
2121	21.20	5.909	5.119	4.042	2.601	0.832	-1.101	-2.922	-4.315	-5.024	-4.948
2131	21.30	-4.201	-3.097	-2.060	-1.469	-1.512	-2.088	-2.831	-3.247	-2.916	-1.681
2141	21.40	0.262	2.413	4.153	4.963	4.603	3.170	1.021	-1.385	-3.641	-5.469
2151	21.50	-6.705	-7.222	-6.879	-5.536	-3.162	0.046	3.607	6.834	9.050	9.850
2161	21.60	9.285	7.861	6.327	5.346	5.190	5.617	5.992	5.613	5.058	4.412
2171	21.70	-1.767	-4.708	-6.777	-7.752	-7.855	-7.559	-7.261	-7.015	-6.487	-5.158
2181	21.80	-2.689	0.760	4.445	7.252	8.158	6.709	3.305	-0.885	-4.341	-5.792
2191	21.90	-4.730	-1.622	2.284	5.461	6.708	5.607	2.643	-1.029	-4.069	-5.460
2201	22.00	-4.851	-2.605	0.420	3.255	5.182	5.933	5.681	4.863	3.824	2.819
2211	22.10	1.761	0.426	-1.365	-3.563	-5.802	-7.483	-7.976	-6.883	-5.231	-0.530
2221	22.20	3.357	6.472	8.063	7.808	5.890	2.903	-0.379	-3.258	-5.315	-6.476
2231	22.30	-6.955	-7.092	-7.177	-7.322	-7.429	-7.248	-6.698	-4.998	-2.771	-0.071
2241	22.40	2.649	4.865	6.018	5.858	4.363	1.873	-0.971	-3.373	-4.590	-4.156
2251	22.50	-2.042	1.294	5.014	8.121	9.753	9.463	7.260	3.782	-0.098	-3.463
2261	22.60	-5.667	-6.523	-6.315	-5.627	-5.060	-4.967	-5.190	-5.303	-4.643	-2.770
2271	22.70	0.275	3.866	6.972	8.562	8.076	5.738	2.558	-0.036	-0.798	0.762
2281	22.80	4.095	7.779	10.094	9.766	6.554	1.385	-4.016	-7.868	-9.092	-7.739
2291	22.90	-4.868	-2.078	-0.550	-0.674	-1.851	-2.909	-2.788	-1.140	1.460	3.819
2301	23.00	4.765	3.793	1.355	-1.346	-2.982	-2.794	-0.994	1.343	2.859	2.652
2311	23.10	0.791	-1.685	-3.290	-2.886	-0.346	3.280	6.182	6.624	3.776	-1.841
2321	23.20	-8.522	-14.080	-16.743	-15.846	-12.005	-6.731	-1.700	1.953	4.009	5.046
2331	23.30	5.953	7.346	9.194	10.834	11.353	10.111	7.151	3.264	-0.319	-2.455
2341	23.40	-2.618	-1.100	1.087	2.693	2.788	1.186	-1.479	-4.026	-5.279	-4.600
2351	23.50	-2.204	0.908	3.364	4.009	2.425	-0.857	-4.543	-7.085	-7.306	-4.878
2361	23.60	-0.462	4.550	8.576	10.433	9.750	7.040	3.434	0.214	-1.667	-1.865
2371	23.70	-0.671	1.206	2.964	3.996	4.045	3.194	1.738	0.024	-1.675	-3.210
2381	23.80	-6.543	-5.691	-6.657	-7.380	-7.713	-7.441	-6.360	-4.392	-1.700	1.248
2391	23.90	3.740	5.017	4.567	2.389	-0.895	-4.186	-6.293	-6.413	-4.493	-1.302
2401	24.00	1.867	3.752	3.675	1.855	-0.709	-2.716	-3.191	-1.957	0.283	2.292
2411	24.10	2.910	1.606	-1.280	-4.726	-7.532	-8.868	-8.596	-7.202	-5.439	-3.867
2421	24.20	-2.588	-1.293	0.408	2.596	4.850	6.381	6.644	4.821	2.063	-0.636
2431	24.30	-1.965	-1.012	2.083	6.301	10.052	11.862	10.981	7.665	3.011	-1.565
2441	24.40	-4.817	-6.275	-6.108	-4.970	-3.580	-2.379	-1.421	-0.477	0.715	2.235
2451	24.50	3.903	5.361	6.247	6.365	5.745	4.597	3.207	1.822	0.608	-0.351
2461	24.60	-1.015	-1.374	-1.451	-1.322	-1.109	-0.933	-0.843	-0.775	-0.561	-0.026
2471	24.70	0.892	2.057	3.148	3.787	3.717	2.953	1.802	0.738	0.176	0.263
2481	24.80	0.781	1.233	1.064	-0.070	-2.124	-4.637	-6.891	-8.160	-7.955	-6.174
2491	24.90	-3.118	0.617	4.301	7.239	8.914	9.077	7.808	5.511	2.843	0.555

Table 7—22—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.733	-0.760	0.317	1.791	2.812	2.641	0.996	-1.782	-4.824	-7.062
2511	25.10	-7.665	-6.399	-3.739	-0.684	1.649	2.479	1.663	-0.274	-2.386	-3.713
2521	25.20	-3.650	-2.145	0.352	3.134	5.538	7.177	8.002	8.214	8.088	7.816
2531	25.30	7.439	6.885	6.053	4.890	3.418	1.700	-0.212	-2.289	-4.495	-6.719
2541	25.40	-8.721	-10.163	-10.711	-10.193	-8.719	-6.694	-4.702	-3.278	-2.690	-2.825
2551	25.50	-3.246	-3.405	-2.919	-1.768	-0.324	0.813	1.106	0.352	-1.202	-2.943
2561	25.60	-4.157	-4.336	-3.396	-1.685	0.175	1.590	2.231	2.131	1.602	1.029
2571	25.70	0.656	0.486	0.326	-0.055	-0.746	-1.618	-2.373	-2.698	-2.432	-1.653
2581	25.80	-0.626	0.337	1.035	1.652	1.709	1.924	2.079	1.985	1.378	0.111
2591	25.90	-1.684	-3.554	-4.883	-5.158	-4.250	-2.527	-0.738	0.309	0.132	-1.174
2601	26.00	-2.935	-4.180	-4.064	-2.267	0.844	4.344	7.122	8.315	7.621	5.361
2611	26.10	2.290	-0.736	-3.063	-4.395	-4.768	-4.381	-3.432	-2.033	-0.258	1.748
2621	26.20	3.676	5.074	5.491	4.685	2.783	0.299	-2.023	-3.481	-3.683	-2.687
2631	26.30	-0.953	0.868	2.209	2.796	2.697	2.208	1.648	1.163	0.662	-0.111
2641	26.40	-1.383	-3.172	-5.191	-6.917	-7.774	-7.371	-5.667	-2.993	0.070	2.900
2651	26.50	5.037	6.289	6.714	6.505	5.865	4.928	3.769	2.476	1.221	0.263
2661	26.60	-0.139	0.136	0.946	1.900	2.464	2.208	1.024	-0.756	-2.442	-3.246
2671	26.70	-2.615	-0.495	2.598	5.733	7.908	8.413	7.090	4.362	1.056	-1.922
2681	26.80	-3.882	-4.552	-4.090	-2.945	-1.667	-0.722	-0.389	-0.745	-1.684	-2.962
2691	26.90	-4.237	-5.121	-5.257	-4.431	-2.674	-0.322	2.037	3.724	4.193	3.236
2701	27.00	1.076	-1.705	-4.361	-6.243	-6.987	-6.586	-5.302	-3.512	-1.562	0.405
2711	27.10	2.233	3.869	5.188	6.009	6.165	5.615	4.512	3.193	2.071	1.478
2721	27.20	1.544	2.165	3.068	3.947	4.581	4.887	4.885	4.621	4.091	3.237
2731	27.30	2.012	0.463	-1.212	-2.695	-3.668	-3.957	-3.635	-3.013	-2.519	-2.505
2741	27.40	-3.082	-4.048	-4.955	-5.282	-4.641	-2.930	-0.390	2.465	4.994	6.606
2751	27.50	6.902	5.778	3.445	0.391	-2.728	-5.259	-6.636	-6.730	-5.731	-4.189
2761	27.60	-2.815	-2.214	-2.637	-3.857	-5.246	-6.023	-5.589	-3.801	-1.048	1.896
2771	27.70	4.201	5.335	5.286	4.543	3.846	3.820	4.674	6.086	7.361	7.678
2781	27.80	6.628	4.259	1.170	-1.739	-3.618	-3.991	-2.918	-0.942	1.165	2.601
2791	27.90	2.979	2.240	0.695	-1.166	-2.861	-4.095	-4.789	-5.050	-5.057	-4.949
2801	28.00	-4.748	-4.355	-3.616	-2.429	-0.844	0.887	2.363	3.053	2.673	1.146
2811	28.10	-1.206	-3.719	-5.561	-5.994	-4.629	-1.591	2.489	6.662	9.956	11.689
2821	28.20	11.667	10.209	7.977	5.711	3.944	2.846	2.216	1.647	0.756	-0.610
2831	28.30	-2.281	-3.827	-4.745	-4.674	-3.568	-1.725	0.310	1.952	2.795	2.748
2841	28.40	2.053	1.157	0.518	0.402	0.788	1.384	1.778	1.632	0.845	-0.400
2851	28.50	-1.690	-2.586	-2.809	-2.371	-1.578	-0.897	-0.751	-1.329	-2.490	-3.817
2861	28.60	-4.785	-4.970	-4.216	-2.680	-0.758	1.090	2.505	3.338	3.652	3.628
2871	28.70	3.443	3.177	2.793	2.188	1.294	0.147	-1.686	-2.157	-2.823	-2.933
2881	28.80	-2.477	-1.580	-0.651	0.676	1.586	2.113	2.140	1.607	0.536	-0.950
2891	28.90	-2.611	-4.117	-5.122	-5.367	-4.773	-3.483	-1.826	-0.212	1.009	1.650
2901	29.00	1.730	1.421	0.941	0.448	-0.019	-0.518	-1.120	-1.812	-2.430	-2.788
2911	29.10	-2.602	-1.824	-0.642	0.508	1.075	0.606	-1.044	-3.599	-6.401	-8.612
2921	29.20	-9.496	-8.686	-6.325	-3.023	0.358	2.999	4.403	4.532	3.770	2.723
2931	29.30	1.956	1.767	2.102	2.619	2.885	2.592	1.711	0.510	-0.574	-1.132
2941	29.40	-0.968	-0.191	0.836	1.653	1.903	1.481	0.570	-0.454	-1.191	-1.401
2951	29.50	-1.101	-0.553	-0.147	-0.215	-0.888	-2.017	-3.225	-4.037	-4.059	-3.122
2961	29.60	-1.351	0.870	3.017	4.586	5.239	4.898	3.749	2.172	0.615	-0.538
2971	29.70	-1.074	-0.987	-0.452	0.261	0.894	1.279	1.375	1.240	0.972	0.637
2981	29.80	0.241	-0.249	-0.851	-1.497	-2.008	-2.131	-1.635	-0.426	1.366	3.396
2991	29.90	5.190	6.310	6.502	5.781	4.402	2.741	1.136	-0.238	-1.392	-2.445

Table 7—22—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.488	-4.456	-5.106	-5.094	-4.150	-2.252	0.283	2.846	4.728	5.364
3011	30.10	4.550	2.529	-0.091	-2.548	-4.195	-4.704	-4.149	-2.930	-1.589	-0.596
3021	30.20	-0.188	-0.317	-0.709	-0.999	-0.880	-0.207	0.965	2.431	3.909	5.141
3031	30.30	5.949	6.259	6.083	5.478	4.507	3.214	1.641	-0.163	-2.089	-4.002
3041	30.40	-5.555	-6.827	-7.332	-7.083	-6.124	-4.622	-2.821	-0.978	0.689	2.038
3051	30.50	2.996	3.541	3.678	3.437	2.882	2.129	1.346	0.712	0.358	0.303
3061	30.60	0.431	0.530	0.391	-0.081	-0.788	-1.462	-1.769	-1.479	-0.600	0.587
3071	30.70	1.627	2.086	1.758	0.783	-0.407	-1.277	-1.651	-0.905	0.004	0.697
3081	30.80	0.652	-0.328	-1.992	-3.741	-4.890	-4.995	-4.066	-2.574	-1.232	-0.661
3091	30.90	-1.095	-2.272	-3.546	-4.194	-3.735	-2.147	0.149	2.490	4.278	5.224
3101	31.00	5.420	5.230	5.050	5.081	5.226	5.168	4.567	3.284	1.506	-0.295
3111	31.10	-1.551	-1.840	-1.080	0.432	2.136	3.427	3.877	3.371	2.102	0.459
3121	31.20	-1.138	-2.374	-3.096	-3.299	-3.060	-2.477	-1.652	-0.695	0.250	1.010
3131	31.30	1.427	1.424	1.062	0.545	0.144	0.087	0.439	1.045	1.577	1.660
3141	31.40	1.052	-0.226	-1.860	-3.334	-4.127	-3.917	-2.727	-0.930	0.880	2.111
3151	31.50	2.401	1.753	0.538	-0.643	-1.183	-0.687	0.887	3.210	5.695	7.674
3161	31.60	8.600	8.198	6.520	3.917	0.932	-1.850	-3.948	-5.992	-5.274	-4.736
3171	31.70	-3.859	-3.052	-2.611	-2.621	-2.942	-3.272	-3.280	-2.750	-1.684	-0.315
3181	31.80	0.977	1.813	1.964	1.447	0.508	-0.472	-1.131	-1.249	-0.812	0.017
3191	31.90	0.994	1.891	2.573	2.999	3.186	3.156	2.906	2.427	1.748	0.976
3201	32.00	0.295	-0.093	-0.058	0.377	1.012	1.520	1.575	0.977	-0.253	-1.871
3211	32.10	-3.501	-4.772	-5.453	-5.532	-5.196	-4.741	-4.445	-4.661	-4.768	-5.195
3221	32.20	-5.500	-5.467	-4.984	-4.084	-2.932	-1.766	-0.824	-0.270	-0.139	-0.326
3231	32.30	-0.614	-0.744	-0.506	0.179	1.216	2.350	3.246	3.605	3.286	2.368
3241	32.40	1.144	0.023	-0.617	-0.572	0.097	1.080	1.917	2.172	1.589	0.193
3251	32.50	-1.713	-3.659	-5.172	-5.948	-5.953	-5.424	-4.760	-4.363	-4.464	-5.036
3261	32.60	-5.794	-6.311	-6.179	-5.175	-3.350	-1.011	1.389	3.402	4.734	5.314
3271	32.70	5.283	4.902	4.448	4.119	4.005	4.101	4.351	4.691	5.061	5.395
3281	32.80	5.609	5.604	5.300	4.675	3.795	2.796	1.836	1.023	0.368	-0.208
3291	32.90	-0.808	-1.478	-2.139	-2.605	-2.666	-2.203	-1.281	-0.145	0.876	1.533
3301	33.00	1.782	1.815	1.956	2.468	3.374	4.387	5.010	4.768	3.462	1.318
3311	33.10	-1.056	-2.906	-3.643	-3.110	-1.626	0.163	1.598	2.295	2.288	1.949
3321	33.20	1.730	1.880	2.282	2.514	2.097	0.792	-1.200	-3.278	-4.701	-4.948
3331	33.30	-3.993	-2.367	-0.835	-0.201	-0.740	-2.135	-3.595	-4.222	-3.445	-1.301
3341	33.40	1.561	4.161	5.624	5.553	4.182	2.240	0.605	-0.084	0.322	1.472
3351	33.50	2.721	3.449	3.321	2.393	1.022	-0.329	-1.306	-1.766	-1.777	-1.502
3361	33.60	-1.095	-0.637	-0.163	0.279	0.582	0.594	0.206	-0.554	-1.480	-2.242
3371	33.70	-2.533	-2.231	-1.484	-0.673	-0.236	-0.448	-1.255	-2.274	-2.952	-2.835
3381	33.80	-1.807	-0.186	1.389	2.230	1.908	0.459	-1.618	-3.572	-4.713	-4.693
3391	33.90	-3.625	-1.995	-0.416	0.647	1.051	0.986	0.825	0.905	1.352	2.039
3401	34.00	2.668	2.939	2.696	1.993	1.049	0.133	-0.550	-0.915	-0.975	-0.779
3411	34.10	-0.351	0.319	1.227	2.291	3.321	4.056	4.260	3.833	2.870	1.626
3421	34.20	0.400	-0.601	-1.350	-1.998	-2.751	-3.730	-4.857	-5.854	-6.366	-6.128
3431	34.30	-5.116	-3.587	-1.985	-0.758	-0.183	-0.265	-0.774	-1.377	-1.795	-1.901
3441	34.40	-1.723	-1.356	-0.863	-0.226	0.610	1.637	2.696	3.469	3.593	2.846
3451	34.50	1.313	-0.571	-2.147	-2.791	-2.199	-0.540	1.586	3.398	4.276	4.043
3461	34.60	3.045	1.986	1.602	2.306	3.989	6.060	7.706	8.250	7.446	5.573
3471	34.70	3.296	1.374	0.347	0.344	1.084	2.054	2.755	2.907	2.526	1.860
3481	34.80	1.229	0.869	0.838	1.020	1.201	1.163	0.761	-0.059	-1.263	-2.768
3491	34.90	-4.357	-5.877	-7.065	-7.687	-7.601	-6.825	-5.566	-4.176	-3.035	-2.410

Table 7—22—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1169 1017-GR-1-8 U-D (U-D) J.H.P.C. LAB. MAX. ACC. = -17.762 (GAL) T= 2.38 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.342	-2.643	-2.979	-3.036	-2.664	-1.947	-1.156	-0.608	-0.499	-0.810
3511	35.10	-1.314	-1.696	-1.710	-1.302	-0.626	0.049	0.478	0.570	0.411	0.194
3521	35.20	0.078	0.075	0.019	-0.338	-1.172	-2.430	-3.793	-4.761	-4.859	-3.862
3531	35.30	-1.926	0.431	2.510	3.691	3.667	2.543	0.778	-1.021	-2.332	-2.895
3541	35.40	-2.757	-2.183	-1.491	-0.901	-0.452	-0.044	0.456	1.097	1.772	2.248
3551	35.50	2.268	1.683	0.553	-0.869	-2.109	-2.819	-2.724	-1.816	-0.338	1.300
3561	35.60	2.662	3.425	3.474	2.915	2.006	1.046	0.292	-0.292	-0.670	-1.032
3571	35.70	-1.503	-2.091	-2.655	-2.946	-2.722	-1.869	-0.490	1.093	2.435	3.132
3581	35.80	2.980	2.078	0.807	-0.297	-0.740	-0.256	1.088	2.917	4.679	5.847
3591	35.90	6.092	5.383	3.972	2.278	0.731	-0.371	-0.931	-1.051	-0.945	-0.837
3601	36.00	-0.871	-1.063	-1.311	-1.453	-1.340	-0.902	-0.182	0.663	1.410	1.838
3611	36.10	1.798	1.274	0.396	-0.588	-1.388	-1.763	-1.603	-0.967	-0.061	0.831
3621	36.20	1.465	1.621	1.346	0.762	0.004	-0.667	-1.120	-1.275	-1.112	-0.640
3631	36.30	0.117	1.124	2.314	3.572	4.260	5.712	6.817	6.543	6.461	6.111
3641	36.40	5.642	5.066	4.351	3.467	2.357	1.189	0.161	-0.482	-0.578	-0.150
3651	36.50	0.563	1.195	1.406	1.060	0.307	-0.459	-0.775	-0.343	0.798	2.252
3661	36.60	3.410	3.714	2.915	1.195	-0.901	-2.710	-3.736	-3.859	-3.362	-2.754
3671	36.70	-2.502	-2.788	-3.437	-4.035	-4.174	-3.700	-2.823	-2.017	-1.772	-2.320
3681	36.80	-3.470	-4.668	-5.236	-4.707	-3.054	-0.736	1.693	2.908	3.112	2.184
3691	36.90	0.597	-1.024	-2.195	-2.754	-2.867	-2.866	-3.026	-3.400	-3.806	-3.953
3701	37.00	-3.640	-2.897	-1.999	-1.332	-1.190	-1.613	-2.342	-2.934	-2.967	-2.233
3711	37.10	-0.839	0.868	2.364	3.331	3.595	3.263	2.521	1.711	1.034	0.607
3721	37.20	0.479	0.667	1.185	2.016	3.059	4.107	4.867	5.052	4.512	3.322
3731	37.30	1.788	0.339	-0.638	-0.957	-0.707	-0.203	0.169	0.130	-0.366	-1.117
3741	37.40	-1.804	-2.136	-2.005	-1.532	-0.998	-0.701	-0.810	-1.288	-1.921	-2.443
3751	37.50	-2.669	-2.595	-2.390	-2.304	-2.533	-3.110	-3.876	-4.546	-4.840	-4.610
3761	37.60	-3.902	-2.937	-2.013	-1.376	-1.130	-1.211	-1.438	-1.608	-1.588	-1.361
3771	37.70	-1.011	-0.659	-0.390	-0.208	-0.088	0.567	1.275	1.517	2.415	3.319
3781	37.80	4.048	4.443	4.415	3.956	3.147	2.142	1.138	0.347	-0.053	0.032
3791	37.90	0.567	1.373	2.163	2.620	2.507	1.772	0.585	-0.693	-1.637	-1.910
3801	38.00	-1.400	-0.273	1.085	2.210	2.734	2.520	1.699	0.599	-0.394	-0.987
3811	38.10	-1.078	-0.758	-0.240	0.268	0.557	0.665	0.555	0.367	0.046	-0.373
3821	38.20	-0.954	-1.705	-2.548	-3.320	-3.812	-3.857	-3.393	-2.505	-1.405	-0.359
3831	38.30	0.401	0.751	0.711	0.420	0.082	-0.117	-0.073	0.204	0.605	0.972
3841	38.40	1.167	1.134	0.930	0.705	0.638	0.855	1.358	2.004	2.548	2.744
3851	38.50	2.456	1.731	0.803	0.004	-0.370	-0.194	0.436	1.236	1.868	2.092
3861	38.60	1.875	1.398	0.962	0.837	1.128	1.737	2.422	2.933	3.153	3.158
3871	38.70	3.167	3.412	3.986	4.762	5.422	5.596	5.036	3.752	2.024	

Table 7—23—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	-1.043	-1.512	-1.706	-1.369	-0.615	1.021	2.619	3.988	4.819	4.987
11	0.10	4.577	3.817	2.963	2.197	1.585	1.102	0.709	0.410	0.262	0.322
21	0.20	0.573	0.888	1.063	0.923	0.449	-0.160	-0.542	-0.349	0.540	1.868
31	0.30	3.022	3.259	2.069	-0.598	-4.012	-7.023	-8.387	-7.304	-3.823	1.089
41	0.40	5.851	8.866	9.156	6.774	2.800	-1.092	-3.325	-3.071	-0.588	2.896
51	0.50	5.715	6.471	4.617	0.672	-4.010	-7.807	-9.467	-8.563	-5.584	-1.653
61	0.60	1.962	4.326	5.108	4.558	3.267	1.844	0.685	-0.091	-0.569	-0.789
71	0.70	-0.836	-0.647	-0.198	0.425	1.007	1.293	1.133	0.594	-0.044	-0.425
81	0.80	-0.326	0.197	0.810	1.082	0.753	-0.058	-0.842	-0.927	0.151	2.328
91	0.90	4.914	6.825	7.053	5.174	1.634	-2.347	-5.249	-5.895	-3.983	-0.262
101	1.00	3.762	6.440	6.663	4.307	0.262	-3.958	-6.830	-7.405	-5.609	-2.192
111	1.10	1.622	4.601	5.902	5.280	3.070	0.024	-2.926	-4.914	-5.344	-4.052
121	1.20	-1.380	1.863	4.610	5.873	5.126	2.576	-0.844	-3.784	-5.035	-4.074
131	1.30	-1.357	1.832	3.933	3.846	1.496	-2.067	-5.109	-6.031	-4.158	-0.137
141	1.40	4.300	7.107	6.881	5.550	-1.551	-6.260	-8.567	-7.522	-3.651	1.305
151	1.50	5.203	6.462	4.734	0.988	-2.986	-5.412	-5.268	-2.632	1.477	5.634
161	1.60	8.614	9.786	9.166	7.186	4.365	1.095	-2.353	-5.733	-8.574	-10.278
171	1.70	-10.270	-8.321	-6.788	-0.636	2.845	4.509	3.819	1.096	-2.573	-5.737
181	1.80	-7.132	-6.160	-3.099	1.012	4.762	6.881	6.679	4.280	0.573	-3.093
191	1.90	-5.363	-5.354	-2.985	0.943	4.974	7.479	7.248	3.987	-1.482	-7.435
201	2.00	-11.819	-13.006	-10.419	-4.784	2.120	8.121	11.462	11.429	8.532	4.191
211	2.10	0.071	-2.616	-3.550	-3.303	-2.925	-3.350	-4.884	-7.029	-8.693	-8.688
221	2.20	-6.280	-1.571	4.442	10.166	13.817	14.175	10.816	4.403	-3.462	-10.638
231	2.30	-15.050	-15.335	-11.343	-4.302	3.466	9.257	10.930	7.750	0.790	-7.361
241	2.40	-13.424	-14.875	-10.850	-2.704	6.428	12.835	13.732	8.463	-1.143	-11.432
251	2.50	-18.372	-19.171	-13.411	-3.204	7.686	15.376	17.400	13.615	6.105	-1.807
261	2.60	-7.008	-7.851	-4.711	0.354	4.636	6.009	3.822	-0.917	-6.088	-9.459
271	2.70	-9.666	-9.672	-2.005	2.607	5.418	5.707	3.919	1.345	-0.553	-0.821
281	2.80	0.607	2.977	5.165	6.261	5.991	4.788	3.510	2.967	3.515	4.901
291	2.90	6.442	7.382	7.259	6.061	4.131	1.898	-0.383	-2.722	-5.254	-7.974
301	3.00	-10.522	-12.203	-12.260	-10.295	-6.609	-2.236	1.392	3.025	2.174	-0.622
311	3.10	-3.958	-6.133	-5.869	-2.747	2.469	8.335	13.218	15.893	15.895	13.515
321	3.20	9.539	4.892	0.367	-3.475	-6.276	-7.835	-8.111	-7.289	-5.817	-4.319
331	3.30	-3.366	-3.176	-3.435	-3.375	-2.140	0.694	4.735	8.754	11.123	10.560
341	3.40	6.825	5.021	-4.733	-8.154	-7.810	-3.828	2.059	7.213	9.228	7.023
351	3.50	1.375	-5.359	-10.218	-10.903	-6.774	0.837	9.141	14.994	16.137	12.072
361	3.60	4.231	-4.596	-11.344	-13.801	-11.417	-5.441	1.601	6.904	8.459	5.818
371	3.70	0.259	-5.729	-9.439	-9.040	-4.353	3.045	10.424	15.009	15.126	10.912
381	3.80	4.244	-2.068	-5.517	-4.990	-1.246	3.468	6.476	5.931	1.697	-4.568
391	3.90	-10.153	-12.520	-10.450	-4.587	2.854	9.057	11.800	10.328	5.560	-0.426
401	4.00	-5.369	-7.614	-6.934	-4.199	-0.990	1.149	1.318	-0.470	-3.399	-6.216
411	4.10	-7.700	-7.052	-4.135	0.488	5.681	10.030	12.234	11.525	7.983	2.604
421	4.20	-2.950	-6.891	-7.961	-5.943	-1.791	2.703	5.612	5.643	2.658	-2.294
431	4.30	-7.426	-10.949	-11.764	-9.816	-5.991	-1.661	1.882	3.857	4.114	2.989
441	4.40	1.036	-1.210	-3.288	-4.791	-5.302	-4.437	-2.009	1.778	6.248	10.377
451	4.50	13.120	13.797	12.359	9.378	5.766	2.350	-0.435	-2.655	-4.660	-6.739
461	4.60	-8.828	-10.460	-11.001	-10.925	-7.619	-4.445	-1.460	0.521	1.216	0.996
471	4.70	0.664	0.996	2.299	4.212	5.878	6.379	5.221	2.596	-0.696	-3.639
481	4.80	-5.478	-6.034	-5.697	-5.106	-4.721	-4.532	-4.076	-2.770	-0.367	2.726
491	4.90	5.475	6.619	5.277	1.451	-3.828	-8.821	-11.768	-11.625	-8.523	-3.742

Table 7—23—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	0.814	3.417	3.238	0.687	-2.777	-5.283	-5.358	-2.570	2.262	7.383
511	5.10	10.796	11.065	7.896	2.273	-3.904	-8.532	-10.088	-8.181	-3.667	1.711
521	5.20	6.006	7.806	6.727	3.499	-0.397	-3.363	-4.329	-3.145	-0.570	2.115
531	5.30	3.695	3.531	1.795	-0.669	-2.772	-3.692	-3.221	-1.822	-0.363	0.320
541	5.40	-0.176	-1.452	-3.342	-4.405	-4.178	-2.536	0.081	2.843	4.885	5.628
551	5.50	4.925	3.309	1.322	-0.231	-0.782	-0.100	1.076	3.985	6.188	7.535
561	5.60	7.473	5.806	2.811	-0.787	-3.989	-5.833	-5.747	-3.807	-0.772	2.149
571	5.70	3.735	3.246	0.746	-2.882	-6.261	-8.070	-7.573	-4.913	-1.033	2.744
581	5.80	5.280	6.079	5.430	4.179	3.250	3.159	3.756	4.332	4.026	2.361
591	5.90	-0.514	-3.633	-5.790	-6.022	-4.129	-0.842	2.451	4.305	3.890	1.394
601	6.00	-2.019	-4.720	-5.355	-3.483	0.196	4.128	6.611	6.571	4.071	0.299
611	6.10	-2.958	-4.128	-2.570	1.122	5.386	8.383	8.818	6.497	2.385	-1.869
621	6.20	-4.589	-4.965	-3.185	-0.362	2.046	2.923	1.974	-0.189	-2.355	-3.487
631	6.30	-2.867	-0.762	1.882	3.825	4.060	2.240	-1.179	-5.093	-8.146	-9.197
641	6.40	-7.706	-3.919	1.204	6.271	9.885	11.088	9.675	6.287	2.210	-1.064
651	6.50	-2.384	-1.393	1.307	4.376	6.270	5.903	3.136	-1.123	-5.287	-7.765
661	6.60	-7.670	-5.217	-1.635	1.381	2.426	1.005	-2.278	-6.019	-8.673	-9.225
671	6.70	-7.585	-4.517	-1.203	1.344	2.693	3.056	2.998	2.997	3.113	2.953
681	6.80	1.967	-0.128	-3.010	-5.736	-7.086	-6.104	-2.593	2.685	8.221	12.298
691	6.90	13.620	11.779	7.370	1.731	-3.566	-7.241	-8.675	-7.985	-5.854	-3.197
701	7.00	-0.821	0.812	1.663	2.039	2.407	3.171	4.485	6.144	7.607	8.161
711	7.10	7.175	4.375	0.026	-5.062	-9.740	-12.891	-13.816	-12.484	-9.535	-6.006
721	7.20	-2.901	-0.785	0.405	1.248	2.458	4.430	6.916	9.035	9.623	7.799
731	7.30	3.490	-2.346	-7.932	-11.295	-11.037	-6.959	-0.244	6.911	12.079	13.523
741	7.40	10.856	5.179	-1.372	-6.486	-8.588	-7.424	-4.071	-0.395	1.819	1.650
751	7.50	-0.580	-3.513	-5.430	-5.090	-2.339	1.791	5.532	7.177	5.859	1.959
761	7.60	-3.055	-7.257	-9.104	-8.083	-4.900	-1.123	1.547	2.035	0.357	-2.114
771	7.70	-4.659	-4.953	-2.706	1.562	6.440	10.207	11.560	10.036	6.332	1.806
781	7.80	-2.012	-4.043	-4.037	-2.576	-0.730	0.472	0.491	-0.523	-1.872	-2.702
791	7.90	-2.448	-1.121	0.698	2.148	2.513	1.572	-0.288	-2.257	-3.476	-3.429
801	8.00	-2.148	-0.159	1.794	3.082	3.423	2.896	1.779	0.333	-1.320	-3.150
811	8.10	-5.042	-6.852	-7.412	-6.762	-4.496	-1.018	2.667	5.309	5.973	4.528
821	8.20	1.790	-0.806	-1.900	-0.910	1.602	4.124	5.324	3.483	-0.401	-4.996
831	8.30	-8.095	-8.103	-4.698	0.816	6.049	8.592	7.118	2.003	-4.842	-10.816
841	8.40	-13.748	-12.752	-8.452	-2.535	3.092	7.083	9.030	9.322	8.670	7.622
851	8.50	6.346	4.746	2.774	0.663	-1.086	-1.992	-1.929	-1.296	-0.841	-1.217
861	8.60	-2.532	-4.166	-5.030	-4.159	-1.320	2.711	6.412	8.222	7.334	4.159
871	8.70	0.175	-2.780	-3.423	-1.674	1.309	3.735	4.115	2.066	-1.587	-5.060
881	8.80	-6.704	-5.752	-2.709	0.928	3.469	3.786	2.003	-0.804	-3.119	-3.781
891	8.90	-2.523	-0.021	2.544	4.113	4.249	3.241	1.821	0.690	0.142	-0.006
901	9.00	-0.166	-0.611	-1.208	-1.460	-0.813	0.929	3.350	5.494	6.254	4.906
911	9.10	1.505	-3.054	-7.352	-10.003	-10.193	-7.969	-4.167	-0.052	3.169	4.738
921	9.20	4.503	2.842	0.422	-2.061	-4.069	-5.283	-5.586	-5.010	-3.695	-1.876
931	9.30	0.130	1.960	3.269	3.818	3.536	2.542	1.108	-0.418	-1.705	-2.508
941	9.40	-2.711	-2.328	-1.477	-0.342	0.882	2.027	2.983	3.695	4.140	4.282
951	9.50	4.048	3.338	2.078	0.301	-1.785	-3.793	-5.240	-5.693	-4.931	-3.048
961	9.60	-0.442	2.304	4.618	6.107	6.650	6.380	5.579	4.540	3.476	2.493
971	9.70	1.617	0.847	0.188	-0.352	-0.779	-1.124	-1.421	-1.673	-1.831	-1.768
981	9.80	-1.443	-0.875	-0.241	0.180	0.123	-0.522	-1.615	-2.792	-3.603	-3.709
991	9.90	-3.030	-1.782	-0.362	0.837	1.592	1.909	1.951	1.890	1.785	1.562

Table 7—23—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	1.105	0.394	-0.615	-1.037	-1.217	-0.905	-0.333	0.098	0.062	-0.436
1011	10.10	-0.977	-0.889	0.377	2.856	5.878	6.255	8.767	6.773	2.610	-2.423
1021	10.20	-6.564	-8.336	-7.201	-3.827	0.224	3.198	3.935	2.355	-0.569	-3.333
1031	10.30	-6.631	-3.936	-1.663	1.116	3.264	4.120	3.736	2.736	1.896	1.708
1041	10.40	2.156	2.792	3.072	2.669	1.666	0.446	-0.446	-0.896	-0.940	-0.997
1051	10.50	-1.492	-2.624	-4.227	-5.837	-6.892	-6.969	-5.928	-3.922	-1.304	1.496
1061	10.60	4.069	5.955	6.856	6.489	4.796	2.029	-1.224	-4.165	-6.050	-6.473
1071	10.70	-5.567	-3.849	-2.152	-1.056	-0.702	-0.767	-0.677	-0.001	1.249	2.561
1081	10.80	3.179	2.543	0.668	-1.756	-3.622	-3.935	-2.325	0.694	3.895	5.865
1091	10.90	5.646	3.191	-0.591	-4.216	-6.266	-5.972	-3.513	0.116	3.559	5.672
1101	11.00	5.948	4.650	2.607	0.819	0.044	0.523	1.947	3.623	4.770	4.823
1111	11.10	3.636	1.542	-0.759	-2.442	-2.862	-1.816	0.337	2.766	4.457	4.612
1121	11.20	2.982	0.002	-3.382	-6.119	-7.527	-7.611	-7.042	-6.801	-7.621	-9.523
1131	11.30	-11.679	-12.712	-11.323	-6.963	-0.223	7.258	13.369	16.339	15.430	11.222
1141	11.40	5.349	-0.160	-3.658	-4.438	-2.862	-0.054	2.652	4.250	4.366	3.226
1151	11.50	1.416	-0.478	-2.102	-3.392	-4.477	-5.514	-6.560	-7.534	-8.272	-8.606
1161	11.60	-8.415	-7.639	-6.261	-4.304	-1.854	0.897	3.629	5.936	7.437	7.901
1171	11.70	7.341	6.012	4.309	2.619	1.199	0.138	-0.563	-0.878	-0.672	0.266
1181	11.80	2.086	4.672	7.519	9.779	10.492	8.967	5.121	-0.353	-6.146	-10.674
1191	11.90	-12.683	-11.655	-8.038	-3.084	1.605	4.647	5.367	3.989	1.485	-0.861
1201	12.00	-1.990	-1.483	0.294	2.371	3.596	3.118	0.744	-2.965	-6.892	-9.755
1211	12.10	-10.553	-8.893	-5.103	-0.105	4.870	8.642	10.382	9.788	7.129	3.144
1221	12.20	-1.144	-4.671	-6.593	-6.509	-4.591	-1.568	1.470	3.411	3.517	1.725
1231	12.30	-1.278	-4.268	-5.941	-5.550	-2.785	1.157	4.886	6.895	6.280	3.122
1241	12.40	-1.527	-6.052	-8.917	-9.246	-7.117	-3.643	0.372	3.491	5.057	5.286
1251	12.50	4.741	4.033	3.468	2.926	2.018	0.426	-1.782	-4.052	-5.513	-5.375
1261	12.60	-3.341	0.158	4.048	7.003	7.965	6.589	3.611	-0.343	-3.220	-4.094
1271	12.70	-2.594	0.766	4.776	7.982	9.199	7.919	4.472	-0.110	-4.448	-7.279
1281	12.80	-7.862	-6.197	-3.007	0.520	3.137	3.952	2.727	-0.039	-3.282	-5.730
1291	12.90	-6.337	-4.643	-0.938	3.825	8.346	11.394	12.199	10.671	7.383	3.336
1301	13.00	-0.409	-3.071	-4.372	-4.543	-4.143	-3.775	-3.802	-4.207	-4.612	-4.478
1311	13.10	-3.369	-1.179	1.772	4.831	7.240	8.412	8.133	6.613	4.364	1.972
1321	13.20	-0.118	-1.724	-2.887	-3.721	-4.238	-4.272	-3.548	-1.878	0.623	3.423
1331	13.30	5.672	6.492	5.350	2.344	-1.739	-5.665	-8.191	-8.549	-6.740	-3.530
1341	13.40	-0.142	2.227	2.853	1.724	-0.519	-2.892	-4.462	-4.683	-3.534	-1.445
1351	13.50	0.910	2.869	3.956	3.974	2.991	1.287	-0.715	-2.531	-3.710	-3.950
1361	13.60	-3.205	-1.736	-0.052	1.260	1.765	1.374	0.397	-0.593	-1.020	-0.589
1371	13.70	0.565	1.939	2.925	3.130	2.600	1.805	1.394	1.822	3.053	4.513
1381	13.80	5.327	4.752	2.595	-0.614	-3.782	-5.710	-5.629	-3.571	-0.388	2.598
1391	13.90	4.160	3.690	1.445	-1.588	-4.139	-5.208	-4.469	-2.368	0.117	1.918
1401	14.00	2.321	1.215	-0.931	-3.320	-5.172	-6.004	-5.736	-4.619	-3.056	-1.414
1411	14.10	0.068	1.270	2.112	2.683	2.239	1.276	-0.367	-2.328	-4.125	-5.090
1421	14.20	-4.671	-2.630	0.831	5.075	9.191	12.241	13.521	12.744	10.091	6.138
1431	14.30	1.670	-2.512	-5.772	-7.737	-8.324	-7.705	-6.242	-4.400	-2.665	-1.469
1441	14.40	-1.002	-1.342	-2.235	-3.247	-3.870	-3.697	-2.579	-0.706	1.442	3.249
1451	14.50	4.199	4.062	2.987	1.436	-0.012	-0.895	-1.050	-0.669	-0.188	-0.090
1461	14.60	-0.686	-1.976	-3.646	-5.187	-6.076	-5.957	-4.767	-2.666	-0.076	2.428
1471	14.70	4.333	5.215	4.848	3.267	0.807	-1.935	-4.208	-5.304	-4.774	-2.601
1481	14.80	0.753	4.466	7.618	9.488	9.793	8.736	6.871	4.839	3.091	1.743
1491	14.90	0.617	-0.567	-1.941	-3.348	-4.369	-4.530	-3.582	-1.696	0.533	2.309

Table 7—23—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	2.976	2.330	0.726	-1.079	-2.280	-2.617	-1.612	-0.528	-0.057	-0.888
1511	15.10	-3.158	-6.348	-9.490	-11.569	-11.946	-10.593	-8.052	-5.147	-2.609	-0.805
1521	15.20	0.319	1.065	1.718	2.340	2.750	2.689	2.067	1.118	0.359	0.342
1531	15.30	1.336	3.107	4.964	6.056	5.809	4.272	2.171	0.623	0.616	2.503
1541	15.40	5.768	9.185	11.330	11.189	8.603	4.319	-0.353	-4.117	-6.216	-6.659
1551	15.50	-6.066	-5.245	-4.722	-4.489	-4.085	-2.950	-0.849	1.878	4.380	5.654
1561	15.60	5.019	2.455	-1.301	-5.133	-7.902	-8.930	-8.177	-6.140	-3.528	-0.906
1571	15.70	1.519	3.868	6.372	9.501	11.800	13.930	14.880	14.238	11.986	8.507
1581	15.80	4.430	0.390	-3.162	-6.030	-8.191	-9.661	-10.391	-10.267	-9.218	-7.352
1591	15.90	-5.029	-2.805	-1.243	-0.698	-1.158	-2.246	-3.388	-4.058	-4.000	-3.310
1601	16.00	-2.339	-1.482	-0.961	-0.706	-0.408	0.295	1.597	3.377	5.219	6.583
1611	16.10	7.045	6.494	5.190	3.651	2.435	1.916	2.152	2.904	3.766	4.343
1621	16.20	4.585	3.831	2.764	1.338	-0.277	-1.902	-3.318	-4.269	-4.512	-3.936
1631	16.30	-2.677	-1.151	0.055	0.410	-0.291	-1.762	-3.275	-3.938	-3.103	-0.723
1641	16.40	2.528	5.452	6.788	5.740	2.339	-2.538	-7.506	-11.216	-12.876	-12.482
1651	16.50	-10.735	-8.610	-6.887	-5.815	-5.083	-4.089	-2.336	0.234	3.175	5.231
1661	16.60	7.220	7.374	6.489	5.288	4.579	4.875	6.140	7.805	9.018	9.018
1671	16.70	7.474	4.650	1.324	-1.477	-2.837	-2.261	0.156	3.757	7.523	10.385
1681	16.80	11.544	10.710	8.177	4.705	1.252	-1.364	-2.731	-2.955	-2.537	-2.110
1691	16.90	-2.123	-2.644	-3.371	-3.847	-3.760	-3.162	-2.491	-2.347	-3.155	-4.897
1701	17.00	-7.057	-8.853	-9.631	-9.218	-8.035	-6.875	-6.457	-6.969	-7.864	-8.036
1711	17.10	-6.328	-2.117	4.293	11.698	18.421	22.944	24.453	23.045	19.525	14.948
1721	17.20	10.153	5.531	1.114	-3.129	-7.002	-10.006	-11.547	-11.295	-9.680	-6.914
1731	17.30	-4.687	-3.681	-4.154	-5.624	-7.131	-7.742	-7.018	-5.205	-3.033	-1.261
1741	17.40	-0.219	0.363	1.141	2.680	4.982	7.336	8.588	7.764	4.644	0.038
1751	17.50	-4.498	-7.359	-7.689	-5.862	-3.368	-2.130	-3.555	-7.791	-13.548	-18.597
1761	17.60	-20.720	-18.672	-12.721	-4.526	3.577	9.514	12.239	11.980	9.938	7.606
1771	17.70	6.073	5.617	5.225	5.482	4.078	1.212	-2.787	-7.127	-10.878	-13.300
1781	17.80	-14.031	-13.106	-10.837	-7.650	-3.947	-0.028	3.920	7.806	11.594	15.253
1791	17.90	18.696	21.718	23.974	25.011	24.389	21.840	17.431	11.641	5.309	-0.550
1801	18.00	-5.019	-7.531	-8.033	-6.994	-5.261	-3.809	-3.460	-4.662	-7.380	-11.122
1811	18.10	-15.107	-18.501	-20.665	-21.314	-20.540	-18.681	-16.096	-12.954	-9.152	-4.424
1821	18.20	1.389	8.035	14.694	20.093	22.909	22.312	18.414	12.379	6.092	1.682
1831	18.30	-0.218	1.034	4.095	7.140	8.660	7.190	3.649	-0.850	-4.613	-6.292
1841	18.40	-5.424	-2.536	1.158	4.284	5.796	5.222	2.637	-1.528	-6.677	-12.139
1851	18.50	-17.166	-20.846	-22.426	-21.404	-17.934	-12.940	-7.916	-4.390	-3.249	-4.261
1861	18.60	-6.057	-6.676	-4.446	1.167	9.167	17.309	22.968	24.216	20.628	13.470
1871	18.70	5.177	-1.604	-5.009	-4.561	-1.067	3.707	7.982	10.499	10.811	9.180
1881	18.80	6.260	2.654	-1.077	-4.608	-7.643	-9.831	-10.767	-10.100	-7.659	-3.560
1891	18.90	1.791	7.741	13.474	18.076	20.627	20.338	16.765	10.046	1.047	-8.696
1901	19.00	-17.319	-23.161	-25.301	-23.856	-19.871	-14.858	-10.114	-6.206	-2.813	0.928
1911	19.10	5.817	11.965	18.515	23.858	26.275	24.692	19.220	11.192	2.700	-4.184
1921	19.20	-8.151	-9.060	-7.851	-6.056	-5.125	-5.866	-8.200	-11.283	-13.903	-14.961
1931	19.30	-13.859	-10.670	-6.086	-1.056	3.357	6.686	8.147	8.648	8.613	8.678
1941	19.40	9.210	10.141	11.033	11.337	10.733	9.388	7.969	7.364	8.229	10.581
1951	19.50	13.659	16.171	16.860	15.109	11.296	6.671	2.786	0.716	0.467	0.894
1961	19.60	0.204	-3.156	-9.633	-18.199	-26.630	-32.398	-33.743	-30.441	-23.909	-16.573
1971	19.70	-10.824	-8.016	-7.981	-9.256	-9.869	-8.332	-4.296	1.357	7.001	11.086
1981	19.80	12.826	12.448	10.926	9.351	8.328	7.695	6.716	4.624	1.196	-2.972
1991	19.90	-6.640	-8.530	-8.002	-5.480	-2.358	-0.390	-0.840	-3.804	-8.045	-11.472

Table 7—23—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	-12.081	-8.920	-2.641	4.661	10.276	12.017	9.176	2.854	-4.486	-10.042
2011	20.10	-11.809	-9.331	-3.740	2.895	8.561	12.171	13.890	16.812	16.186	18.613
2021	20.20	21.631	23.896	23.847	20.517	14.076	5.830	-2.295	-8.528	-11.905	-12.502
2031	20.30	-11.188	-9.079	-7.012	-5.294	-3.819	-2.423	-1.203	-0.604	-1.178	-3.194
2041	20.40	-6.324	-9.633	-11.936	-12.343	-10.727	-7.845	-5.025	-3.558	-4.078	-6.243
2051	20.50	-8.865	-10.437	-9.782	-6.568	-1.320	6.663	10.003	13.629	15.041	14.285
2061	20.60	11.739	7.878	3.155	-1.975	-6.984	-11.156	-13.894	-14.773	-13.832	-11.628
2071	20.70	-9.054	-6.975	-5.860	-5.575	-5.478	-4.760	-2.887	0.097	3.553	6.525
2081	20.80	8.175	8.151	6.710	4.538	2.393	0.752	-0.324	-1.069	-1.702	-2.149
2091	20.90	-1.964	-0.543	2.467	6.800	11.448	14.933	15.882	13.666	8.801	2.885
2101	21.00	-1.962	-3.811	-1.881	3.301	9.979	15.835	18.841	17.957	13.409	6.486
2111	21.10	-1.024	-7.493	-11.933	-14.150	-14.588	-13.993	-13.080	-12.339	-11.991	-12.066
2121	21.20	-12.367	-12.689	-12.617	-11.657	-9.538	-5.404	-0.013	6.191	12.202	16.967
2131	21.30	19.644	20.057	18.518	15.708	12.318	8.761	5.090	1.163	-3.062	-7.295
2141	21.40	-10.891	-13.109	-13.495	-12.202	-10.017	-8.056	-7.270	-7.755	-8.977	-9.621
2151	21.50	-8.381	-4.568	1.501	8.583	15.018	19.624	21.229	20.779	18.986	16.735
2161	21.60	14.361	11.523	7.525	1.920	-4.960	-11.866	-17.028	-18.915	-16.995	-12.091
2171	21.70	-6.119	-1.296	0.832	0.050	-2.469	-4.778	-5.114	-2.768	1.701	6.627
2181	21.80	10.298	11.270	10.199	10.165	12.126	15.722	19.300	20.609	17.866	
2191	21.90	10.656	0.266	-10.788	-19.755	-24.737	-25.368	-22.769	-18.864	-15.399	-13.175
2201	22.00	-11.836	-10.268	-7.403	-2.899	2.576	7.642	10.903	11.642	10.171	7.651
2211	22.10	5.500	4.711	5.447	7.081	8.628	9.293	8.811	7.409	5.462	3.088
2221	22.20	-0.017	-4.360	-10.153	-16.847	-23.002	-26.688	-26.250	-21.116	-12.211	-1.744
2231	22.30	7.568	13.495	15.033	12.586	7.539	1.537	-4.182	-9.009	-12.751	-15.184
2241	22.40	-15.756	-13.684	-8.455	-0.409	8.980	17.413	22.600	23.266	19.778	14.044
2251	22.50	8.671	5.769	6.600	8.374	10.884	11.658	10.005	6.784	3.908	3.232
2261	22.60	5.442	9.561	13.345	14.380	11.302	4.489	-4.140	-12.091	-17.514	-20.010
2271	22.70	-20.617	-21.005	-22.369	-24.623	-26.374	-25.674	-21.335	-12.795	-2.254	7.988
2281	22.80	15.636	19.554	20.084	18.606	16.625	14.939	13.346	11.022	7.319	2.459
2291	22.90	-2.328	-5.333	-5.315	-2.316	2.143	5.647	6.000	2.305	-4.543	-12.233
2301	23.00	-18.089	-20.290	-18.660	-14.525	-10.112	-7.220	-6.447	-6.992	-7.216	-5.617
2311	23.10	-1.696	3.733	8.945	12.175	12.497	10.269	6.921	4.235	3.482	4.862
2321	23.20	7.509	10.014	11.180	10.605	8.816	6.914	5.930	6.259	7.447	8.437
2331	23.30	8.133	5.972	2.221	-2.172	-6.057	-8.674	-10.026	-10.839	-12.140	-14.642
2341	23.40	-18.282	-22.132	-24.771	-24.947	-22.207	-17.186	-11.380	-6.508	-3.726	-3.095
2351	23.50	-3.553	-3.433	-1.296	3.318	9.572	15.637	19.475	19.765	16.525	13.150
2361	23.60	5.831	2.625	2.579	5.323	9.281	12.392	13.009	10.563	5.730	0.067
2371	23.70	-6.693	-7.324	-7.541	-5.965	-3.757	-2.088	-1.699	-2.688	-4.576	-6.553
2381	23.80	-7.795	-7.728	-6.187	-3.457	-0.202	2.704	4.425	4.445	2.794	0.117
2391	23.90	-2.478	-3.793	-3.019	-0.106	4.141	8.318	10.972	11.199	9.021	5.378
2401	24.00	1.706	-0.704	-1.267	-0.319	1.097	1.783	0.998	-1.168	-3.819	-5.675
2411	24.10	-5.662	-3.610	0.580	5.143	8.929	10.914	10.724	8.664	5.475	1.967
2421	24.20	-1.287	-4.089	-6.557	-8.941	-11.422	-13.982	-16.394	-18.274	-19.186	-18.714
2431	24.30	-16.524	-12.412	-6.367	1.335	10.056	18.778	26.200	30.973	32.027	28.918
2441	24.40	22.059	12.729	2.821	-5.661	-11.081	-12.853	-11.447	-8.311	-5.319	-4.076
2451	24.50	-5.295	-8.526	-12.328	-14.868	-14.675	-11.275	-5.405	1.252	6.709	9.413
2461	24.60	8.762	5.203	-0.080	-5.698	-10.543	-14.015	-15.937	-16.286	-14.958	-11.738
2471	24.70	-6.511	0.421	8.154	15.277	20.294	22.195	20.899	17.354	13.194	10.103
2481	24.80	9.150	10.397	12.931	15.283	16.030	14.309	10.067	6.987	2.789	-2.002
2491	24.90	-13.533	-15.572	-14.702	-10.981	-5.018	2.031	8.631	13.223	14.709	12.857

Table 7—23—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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	8.439	2.975	-1.853	-4.865	-5.845	-5.561	-5.320	-6.276	-8.822	-12.355
2511	25.10	-15.562	-17.047	-16.027	-12.722	-8.277	-4.238	-1.860	-1.572	-2.831	-4.427
2521	25.20	-5.048	-3.836	-0.699	3.736	8.436	12.386	14.877	15.637	14.757	12.560
2531	25.30	9.372	5.659	1.814	-1.763	-4.751	-6.985	-8.513	-9.537	-10.273	-10.771
2541	25.40	-10.820	-10.009	-7.961	-4.508	-0.079	4.535	8.328	10.484	10.699	9.284
2551	25.50	7.004	4.708	2.956	1.811	0.909	-0.259	-1.981	-4.100	-6.017	-6.948
2561	25.60	-6.280	-3.866	-0.114	4.159	8.024	10.738	11.923	11.561	9.870	7.145
2571	25.70	3.666	-0.300	-4.434	-8.321	-11.480	-13.488	-14.124	-13.469	-11.880	-9.850
2581	25.80	-7.806	-5.957	-4.254	-2.486	-0.453	1.851	4.188	6.137	7.262	7.297
2591	25.90	6.271	4.504	2.508	0.819	-0.149	-0.197	0.649	2.174	4.037	5.836
2601	26.00	7.162	7.673	7.168	5.659	3.401	0.841	-1.505	-3.232	-4.190	-4.545
2611	26.10	-4.690	-5.061	-5.909	-7.158	-8.410	-9.114	-8.819	-7.406	-5.166	-2.692
2621	26.20	-0.626	0.624	1.053	1.043	1.150	1.812	3.121	4.756	6.138	6.705
2631	26.30	6.194	4.775	2.988	1.504	0.836	1.134	2.154	3.397	4.345	4.663
2641	26.40	4.283	3.343	2.053	0.566	-1.054	-2.771	-4.463	-5.849	-6.529	-6.126
2651	26.50	-4.475	-1.752	1.528	4.654	6.944	7.957	7.580	6.002	3.585	0.742
2661	26.60	-2.131	-4.527	-6.339	-6.781	-5.596	-2.711	1.477	6.073	9.866	11.720
2671	26.70	11.014	7.942	3.516	-0.777	-3.542	-4.039	-2.496	-0.023	1.857	1.852
2681	26.80	-0.534	-4.765	-9.470	-12.977	-13.961	-11.952	-7.490	-1.904	3.192	6.451
2691	26.90	7.200	5.562	2.285	-1.609	-5.206	-7.962	-9.780	-10.913	-11.760	-12.648
2701	27.00	-13.685	-14.710	-15.348	-15.121	-13.605	-10.555	-6.014	-0.339	5.825	11.668
2711	27.10	16.374	19.315	20.208	19.181	16.732	13.573	10.412	7.743	5.728	4.204
2721	27.20	2.823	1.264	-0.576	-2.488	-4.005	-4.589	-3.877	-1.877	0.963	3.864
2731	27.30	5.971	6.669	5.716	3.517	0.797	-1.569	-2.895	-2.929	-1.929	-0.547
2741	27.40	0.427	0.370	-0.947	-3.277	-5.999	-8.344	-9.663	-9.642	-8.389	-6.362
2751	27.50	-4.198	-2.473	-1.514	-1.302	-1.500	-1.599	-1.123	0.177	4.443	
2761	27.60	6.274	6.882	5.748	2.744	-1.753	-6.902	-11.590	-14.717	-15.495	-13.683
2771	27.70	-9.670	-4.375	1.013	5.383	8.024	8.822	8.255	7.193	6.570	7.042
2781	27.80	8.759	11.328	13.978	15.860	16.356	15.288	12.956	9.990	7.100	4.828
2791	27.90	3.383	2.622	2.162	1.553	0.445	-1.312	-3.662	-6.399	-9.258	-11.987
2801	28.00	-14.379	-16.268	-17.491	-17.861	-17.154	-15.155	-11.736	-6.972	-1.244	4.724
2811	28.10	9.945	13.384	14.272	12.416	8.380	3.417	-0.674	-3.085	-2.526	0.469
2821	28.20	4.625	8.201	9.679	8.386	4.762	0.163	-3.758	-5.775	-5.616	-4.018
2831	28.30	-2.304	-1.675	-2.584	-4.483	-6.084	-6.006	-3.473	1.271	7.027	12.166
2841	28.40	15.320	15.915	14.305	11.463	8.439	5.872	3.809	1.886	-0.285	-2.750
2851	28.50	-5.118	-6.761	-7.197	-6.407	-4.887	-3.403	-2.579	-2.563	-2.969	-3.134
2861	28.60	-2.540	-1.152	0.539	1.787	2.054	1.351	0.282	-0.288	0.246	1.817
2871	28.70	3.624	4.508	3.567	0.709	-3.193	-6.636	-8.181	-7.148	-3.964	0.033
2881	28.80	3.243	4.573	3.963	2.274	0.968	1.157	3.099	6.035	8.553	9.275
2891	28.90	7.489	3.458	-1.758	-6.816	-10.658	-12.865	-13.632	-13.457	-12.760	-11.657
2901	29.00	-10.027	-7.779	-5.141	-2.751	-1.464	-1.945	-4.282	-7.817	-11.331	-13.499
2911	29.10	-13.619	-10.958	-6.766	-1.973	2.283	5.252	6.752	7.070	6.708	6.114
2921	29.20	5.549	5.103	4.809	4.739	5.000	5.633	6.504	7.286	7.567	7.062
2931	29.30	5.800	4.173	2.797	2.230	2.698	3.963	5.416	6.356	6.309	5.243
2941	29.40	3.556	1.873	0.754	0.473	0.962	1.922	3.013	4.000	4.770	5.244
2951	29.50	5.277	4.638	3.128	0.764	-2.029	-4.705	-6.348	-6.525	-5.326	-3.452
2961	29.60	-1.947	-1.715	-3.060	-5.492	-7.917	-9.153	-8.515	-6.177	-3.113	-0.632
2971	29.70	0.272	-0.581	-2.464	-4.125	-4.445	-3.043	-0.513	1.842	2.645	1.135
2981	29.80	-2.430	-6.870	-10.615	-12.418	-11.886	-9.579	-6.651	-4.240	-2.904	-2.400
2991	29.90	-1.875	-0.361	2.720	7.259	12.523	17.495	21.287	23.421	23.854	22.791

Table 7—23—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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)
3001	30.00	20.431	16.837	11.984	5.978	-0.743	-7.344	-12.759	-16.025	-16.643	-14.783
3011	30.10	-11.244	-7.186	-3.750	-1.737	-1.625	-2.589	-4.658	-6.922	-8.717	-9.569
3021	30.20	-9.281	-7.985	-6.123	-4.367	-3.310	-3.404	-4.531	-6.040	-6.911	-6.158
3031	30.30	-3.294	1.366	6.608	10.900	12.812	11.722	8.090	3.309	-0.851	-2.960
3041	30.40	-2.474	0.117	3.606	6.664	8.447	8.875	8.203	8.203	8.408	9.058
3051	30.50	9.529	9.040	7.125	3.966	0.380	-2.519	-3.830	-3.273	-1.309	1.081
3061	30.60	2.842	3.285	2.327	0.434	-1.676	-3.390	-4.446	-4.965	-5.289	-5.728
3071	30.70	-6.386	-7.116	-7.627	-7.647	-7.049	-5.877	-4.281	-2.429	-0.463	1.481
3081	30.80	3.207	4.436	4.860	4.288	2.805	0.835	-0.952	-1.883	-1.588	-0.205
3091	30.90	1.632	3.040	3.274	2.083	-0.156	-2.599	-4.323	-4.771	-4.023	-2.765
3101	31.00	-1.932	-2.216	-3.666	-5.575	-6.758	-6.082	-3.013	2.068	7.952	13.068
3111	31.10	16.112	16.567	14.874	12.186	9.810	8.611	8.653	9.222	9.233	7.793
3121	31.20	4.677	0.663	-3.708	-6.648	-7.658	-6.832	-5.009	-3.382	-2.967	-4.165
3131	31.30	-6.610	-9.350	-11.264	-11.507	-9.814	-6.535	-2.443	1.576	4.798	6.805
3141	31.40	7.470	6.871	5.187	2.677	-0.305	-3.272	-5.653	-6.914	-6.750	-5.234
3151	31.50	-2.848	-0.350	1.483	2.133	1.522	0.007	-1.786	-3.231	-3.941	-3.883
3161	31.60	-3.326	-2.674	-2.268	-2.243	-2.500	-2.776	-2.768	-2.253	-1.156	0.430
3171	31.70	2.259	4.017	5.278	5.673	4.910	3.033	0.533	-3.063	-6.054	-8.135
3181	31.80	-8.906	-8.351	-6.836	-4.953	-3.276	-2.142	-1.539	-1.164	-0.599	0.272
3191	31.90	2.125	4.185	6.325	8.223	9.667	10.572	10.915	10.647	9.665	7.862
3201	32.00	5.247	2.040	-1.316	-4.265	-6.326	-7.272	-7.196	-6.448	-5.457	-4.548
3211	32.10	-3.867	-3.312	-2.850	-2.439	-2.163	-2.129	-2.326	-2.530	-2.361	-1.373
3221	32.20	0.506	2.994	5.416	6.966	7.096	5.803	3.712	1.815	1.028	1.763
3231	32.30	3.728	4.066	7.780	8.219	7.375	5.837	4.623	3.688	3.577	3.424
3241	32.40	2.297	-0.470	-4.842	-9.989	-14.580	-17.348	-17.641	-15.691	-12.479	-9.266
3251	32.50	-7.029	-6.071	-5.976	-5.900	-5.035	-2.999	0.018	3.400	6.433	8.624
3261	32.60	9.867	10.395	10.579	10.700	10.828	10.835	10.523	9.765	8.584	7.146
3271	32.70	5.679	4.402	3.479	3.017	3.073	3.627	4.527	5.448	5.904	5.365
3281	32.80	3.448	0.100	-4.308	-9.066	-13.337	-16.445	-18.089	-18.392	-17.775	-16.721
3291	32.90	-15.547	-14.299	-12.803	-10.827	-8.265	-5.227	-2.016	1.000	3.532	5.460
3301	33.00	6.832	7.786	8.455	8.917	9.194	9.280	9.171	8.851	8.269	7.324
3311	33.10	5.905	3.996	1.777	-0.339	-1.792	-2.087	-1.051	1.004	3.296	4.812
3321	33.20	4.693	2.598	-1.106	-5.428	-9.095	-10.999	-10.588	-8.023	-4.066	0.234
3331	33.30	3.925	6.434	7.659	7.862	7.457	6.795	6.051	5.237	4.309	3.291
3341	33.40	2.339	1.714	1.672	2.328	3.566	5.033	6.245	6.753	6.313	4.986
3351	33.50	3.126	1.230	-0.258	-1.167	-1.685	-2.301	-3.586	-5.914	-9.224	-12.950
3361	33.60	-16.171	-17.929	-17.597	-15.140	-11.169	-6.628	-2.634	0.099	1.376	1.525
3371	33.70	1.180	0.564	1.341	2.331	3.787	5.473	7.255	9.055	10.988	13.033
3381	33.80	15.037	16.682	17.579	17.408	16.028	13.513	10.097	6.084	1.778	-2.531
3391	33.90	-6.544	-9.932	-12.374	-13.669	-13.752	-12.961	-11.781	-10.782	-10.388	-10.716
3401	34.00	-11.547	-12.447	-12.984	-12.920	-12.287	-11.321	-10.287	-9.315	-8.322	-7.081
3411	34.10	-5.361	-3.077	-0.366	2.574	5.416	8.014	10.323	12.337	13.966	14.966
3421	34.20	15.002	13.821	11.457	8.333	5.178	2.767	1.596	1.652	2.405	3.045
3431	34.30	2.859	1.563	-0.569	-2.849	-4.508	-5.062	-4.530	-3.386	-2.310	-1.835
3441	34.40	-2.108	-2.836	-3.470	-3.488	-2.653	-1.110	0.698	2.239	3.118	3.207
3451	34.50	2.646	1.738	0.810	0.117	-0.192	-0.060	0.502	1.418	2.529	3.588
3461	34.60	4.302	4.418	3.828	2.641	1.164	-0.211	-1.166	-1.587	-1.610	-1.541
3471	34.70	-1.694	-2.234	-3.076	-3.917	-4.360	-4.079	-2.956	-1.126	1.073	3.207
3481	34.80	4.875	5.801	5.885	5.208	4.011	2.643	1.491	0.879	0.959	1.633
3491	34.90	2.536	3.133	2.901	1.536	-0.883	-3.883	-6.729	-8.683	-9.276	-8.474

Table 7—23—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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)
3501	35.00	-6.673	-4.516	-2.632	-1.400	-0.856	-0.767	-0.816	-0.803	-0.744	-0.824
3511	35.10	-1.237	-2.002	-2.881	-3.437	-3.235	-2.978	-2.601	2.002	3.675	4.297
3521	35.20	3.675	2.077	0.117	-1.523	-2.585	-2.429	-2.015	-1.711	-2.011	-3.098
3531	35.30	-4.761	-6.496	-7.736	-8.091	-7.484	-6.133	-4.407	-2.636	-0.978	0.591
3541	35.40	2.170	3.791	5.311	6.433	6.828	6.320	5.027	3.378	1.991	1.448
3551	35.50	2.065	3.752	6.029	8.184	9.525	9.614	8.402	6.229	3.682	1.388
3561	35.60	-0.186	-0.858	-0.740	-0.136	0.610	1.267	1.781	2.246	2.785	3.392
3571	35.70	3.836	3.677	2.618	-0.253	-4.238	-8.929	-13.315	-16.285	-17.022	-15.328
3581	35.80	-11.740	-7.352	-3.417	-0.878	-0.027	-0.439	-1.215	-1.406	-0.455	1.579
3591	35.90	4.068	6.119	6.984	6.372	4.549	2.183	0.046	-1.295	-1.658	-1.238
3601	36.00	-0.464	0.211	0.468	0.198	-0.507	-1.401	-2.140	-2.340	-1.664	0.059
3611	36.10	2.706	5.787	8.516	10.033	9.741	7.617	4.324	1.038	-0.977	-0.896
3621	36.20	1.296	4.753	8.101	10.013	9.752	7.448	3.967	0.446	-2.259	-3.941
3631	36.30	-5.044	-6.300	-8.229	-10.750	-13.153	-14.427	-13.800	-11.187	-7.314	-3.443
3641	36.40	-0.807	-0.061	-0.995	-2.659	-3.824	-3.555	-1.603	1.540	4.936	7.663
3651	36.50	9.209	9.609	9.302	8.809	8.443	8.187	7.808	7.094	6.061	5.003
3661	36.60	4.344	4.383	5.085	6.048	6.674	6.453	5.220	3.236	1.053	-0.768
3671	36.70	-1.932	-2.541	-3.010	-3.819	-5.233	-7.140	-9.082	-10.459	-10.802	-9.972
3681	36.80	-8.189	-5.909	-3.611	-1.618	-0.038	1.163	2.034	2.536	2.553	1.994
3691	36.90	0.932	-0.318	-1.271	-1.458	-0.658	0.947	2.804	4.202	4.578	3.789
3701	37.00	2.191	0.496	-0.552	-0.517	0.524	2.016	3.186	3.405	2.486	0.766
3711	37.10	-1.046	-2.190	-2.182	-1.000	0.953	3.068	4.814	5.961	6.513	6.773
3721	37.20	6.931	7.004	6.794	6.008	4.447	2.155	-0.565	-3.272	-5.580	-7.305
3731	37.30	-8.502	-9.359	-10.026	-10.476	-10.501	-9.840	-8.377	-6.298	-4.094	-2.401
3741	37.40	-1.735	-2.250	-3.649	-5.294	-6.467	-6.667	-5.795	-4.156	-2.280	-0.665
3751	37.50	0.427	1.031	1.391	1.771	2.294	2.892	3.382	3.617	3.615	3.592
3761	37.60	3.860	4.654	5.980	7.556	8.911	9.566	9.231	7.937	5.998	3.870
3771	37.70	1.959	0.467	-0.653	-1.816	-2.654	-3.875	-5.196	-6.378	-7.146	-7.325
3781	37.80	-6.927	-6.152	-5.303	-4.656	-4.351	-4.355	-4.496	-4.561	-4.398	-3.979
3791	37.90	-3.393	-2.785	-2.262	-1.831	-1.394	-0.803	0.050	1.153	2.355	3.406
3801	38.00	4.063	4.188	3.805	3.094	2.302	1.642	1.217	1.003	0.897	0.803
3811	38.10	0.685	0.578	0.530	0.526	0.449	0.103	-0.684	-1.935	-3.454	-4.846
3821	38.20	-5.656	-5.554	-4.493	-2.748	-0.811	0.817	1.835	2.252	2.349	2.500
3831	38.30	2.956	3.697	4.437	4.775	4.619	3.362	1.919	0.589	-0.174	-0.186
3841	38.40	0.374	1.158	1.323	0.887	-0.203	-1.521	-2.445	-2.412	-1.153	1.199
3851	38.50	4.158	7.058	9.269	10.370	10.227	8.962	6.874	4.329	1.685	-0.754
3861	38.60	-2.759	-4.184	-4.978	-5.183	-4.922	-4.367	-3.693	-3.050	-2.556	-2.297
3871	38.70	-2.371	-2.864	-3.819	-5.182	-6.743	-8.144	-8.952	-8.802	-7.551	-5.370
3881	38.80	-2.736	-0.295	1.343	1.810	1.098	-0.455	-2.291	-3.835	-4.662	-4.596
3891	38.90	-3.702	-2.212	-0.423	1.372	2.920	4.003	4.447	4.147	3.121	1.551
3901	39.00	-0.224	-1.785	-2.752	-2.918	-2.305	-1.138	0.271	1.677	3.002	4.343
3911	39.10	5.871	7.673	9.437	11.421	12.566	12.672	11.592	9.496	6.826	4.110
3921	39.20	1.759	-0.077	-1.517	-2.824	-4.213	-5.708	-7.103	-8.066	-8.314	-7.779
3931	39.30	-6.661	-5.344	-4.216	-3.484	-3.078	-2.698	-1.977	-0.681	1.154	3.225
3941	39.40	5.086	6.346	6.831	6.640	6.070	5.460	5.028	4.789	4.587	4.212
3951	39.50	3.545	2.641	1.720	1.065	0.884	1.198	1.818	2.413	2.638	2.267
3961	39.60	1.282	-0.127	-1.633	-2.884	-3.615	-3.721	-3.269	-2.458	-1.545	-0.767
3971	39.70	-0.280	-0.131	-0.273	-0.594	-0.972	-1.309	-1.553	-1.695	-1.754	-1.764
3981	39.80	-1.765	-1.809	-1.952	-2.245	-2.701	-3.255	-3.769	-3.956	-3.656	-2.730
3991	39.90	-1.242	0.551	2.286	3.631	4.465	4.849	5.172	5.787	6.882	8.312

Table 7—23—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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)
4001	40.00	9.587	10.049	9.159	6.776	3.284	-0.492	-3.572	-5.191	-5.083	-3.566
4011	40.10	-1.314	0.558	1.632	1.597	0.677	-0.612	-1.708	-2.216	-2.013	-1.224
4021	40.20	-0.120	0.988	1.825	2.172	1.875	0.877	-0.034	-2.679	-4.507	-5.710
4031	40.30	-5.904	-5.019	-3.377	-1.613	-0.435	-0.327	-1.324	-2.981	-4.557	-5.347
4041	40.40	-5.002	-3.688	-2.001	-0.681	-0.259	-0.810	-1.924	-2.918	-3.178	-2.454
4051	40.50	-0.986	0.621	1.686	1.785	0.952	-0.334	-1.368	-1.531	-0.563	1.335
4061	40.60	3.592	5.506	6.507	6.334	5.078	3.073	0.735	-1.588	-3.677	-5.421
4071	40.70	-6.748	-7.567	-7.769	-7.285	-6.175	-4.669	-3.131	-1.949	-1.377	-1.428
4081	40.80	-1.855	-2.256	-2.257	-1.692	-0.688	0.380	1.075	1.116	0.537	-0.277
4091	40.90	-0.762	-0.416	0.951	3.089	5.386	7.093	7.635	6.834	4.974	2.661
4101	41.00	0.558	-0.886	-1.586	-1.792	-1.905	-2.249	-2.898	-3.661	-4.213	-4.287
4111	41.10	-3.836	-5.067	-2.342	-1.992	-2.152	-2.699	-3.320	-3.680	-3.583	-3.066
4121	41.20	-2.353	-1.767	-1.453	-1.490	-1.683	-1.762	-1.493	-0.783	0.287	1.515
4131	41.30	2.670	3.585	4.197	4.536	4.579	4.694	4.617	4.455	4.205	3.881
4141	41.40	3.522	3.189	2.955	2.889	3.050	3.670	4.132	4.951	5.760	6.339
4151	41.50	6.475	6.034	5.037	3.669	2.226	1.012	0.214	-0.159	-0.271	-0.359
4161	41.60	-0.607	-1.036	-1.487	-1.691	-1.395	-0.492	0.923	2.584	4.159	5.359
4171	41.70	6.021	6.107	5.653	4.706	3.294	1.450	-0.731	-3.050	-5.215	-6.925
4181	41.80	-7.985	-8.390	-8.327	-8.082	-7.884	-7.776	-7.577	-6.975	-5.709	-3.758
4191	41.90	-1.424	0.732	2.100	2.281	1.287	-0.431	-2.139	-3.095	-2.846	-1.395
4201	42.00	0.804	3.037	4.608	5.083	4.421	2.927	1.094	-0.605	-1.872	-2.635
4211	42.10	-3.003	-3.156	-3.240	-3.317	-3.370	-3.369	-3.215	-2.955	-2.565	-2.026
4221	42.20	-1.289	-0.308	0.918	2.296	3.635	4.691	5.255	5.252	4.781	4.094
4231	42.30	3.495	3.222	3.338	3.712	4.080	4.162	3.790	2.981	1.923	0.889
4241	42.40	0.111	-0.322	-0.496	-0.624	-0.942	-1.594	-2.556	-3.637	-4.540	-4.976
4251	42.50	-4.776	-3.963	-2.762	-1.548	-0.730	-0.622	-1.331	-2.688	-4.272	-5.508
4261	42.60	-5.832	-4.882	-2.631	0.570	4.081	7.164	9.222	9.987	9.592	8.492
4271	42.70	7.271	6.401	6.073	6.143	6.224	5.872	4.779	2.901	0.460	-2.149
4281	42.80	-4.501	-6.279	-7.336	-7.698	-7.510	-6.975	-6.304	-5.682	-5.238	-5.015
4291	42.90	-4.932	-4.776	-4.247	-3.060	-1.079	1.573	4.498	7.116	8.868	9.426
4301	43.00	8.838	7.520	6.087	5.110	4.878	5.294	5.935	6.250	5.808	4.469
4311	43.10	2.421	0.068	-2.156	-3.957	-5.260	-6.167	-6.844	-7.397	-7.814	-7.984
4321	43.20	-7.779	-7.139	-6.110	-4.827	-3.457	-2.144	-0.996	-0.101	0.444	0.535
4331	43.30	0.111	-0.770	-1.873	-2.811	-3.156	-2.621	-1.213	0.712	2.541	3.628
4341	43.40	3.557	2.321	0.338	-1.715	-3.168	-3.632	-3.118	-1.997	-0.794	0.064
4351	43.50	0.417	0.397	0.301	0.383	0.696	1.056	1.148	0.724	-0.232	-1.447
4361	43.60	-2.465	-2.854	-2.417	-1.301	0.066	1.165	1.628	1.399	0.748	0.112
4371	43.70	-0.135	0.116	0.648	1.025	0.818	-0.163	-1.749	-3.463	-4.715	-5.061
4381	43.80	-4.383	-2.927	-1.172	0.395	1.482	2.084	2.420	2.765	3.266	3.851
4391	43.90	4.271	4.248	3.658	2.631	1.525	0.769	0.658	1.207	2.118	2.909
4401	44.00	3.113	2.480	1.070	-0.784	-2.625	-4.054	-4.856	-5.032	-4.731	-4.141
4411	44.10	-3.390	-2.527	-1.552	-0.489	0.576	1.499	2.142	2.449	2.494	2.463
4421	44.20	2.527	2.949	3.210	4.589	5.370	5.792	5.683	5.026	3.955	2.706
4431	44.30	1.536	0.651	0.163	0.073	0.302	0.723	1.206	1.662	2.052	2.392
4441	44.40	2.717	3.037	3.303	3.391	3.144	2.439	1.268	-0.220	-1.745	-2.996
4451	44.50	-3.771	-4.081	-4.165	-4.386	-5.043	-6.186	-7.532	-8.543	-8.651	-7.529
4461	44.60	-5.295	-2.517	-0.016	1.471	1.604	0.596	-0.882	-2.010	-2.195	-1.335
4471	44.70	0.142	1.499	2.054	1.516	0.136	-1.412	-2.330	-2.060	-0.517	1.902
4481	44.80	4.520	6.388	8.028	8.530	8.447	8.093	7.654	7.122	6.367	5.293
4491	44.90	3.969	2.649	1.658	1.220	1.317	1.678	1.915	1.720	1.040	0.107

Table 7—23—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1170 1017-GR-1-8 HB. (HB.) J.H.P.C. LAB. MAX. ACC. = -33.742 (GAL) T= 19.67 (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)
4501	45.00	-0.687	-1.006	-0.756	-0.148	0.421	0.578	0.190	-0.565	-1.296	-1.623
4511	45.10	-1.403	-0.829	-0.367	-0.423	-1.286	-2.791	-4.476	-5.782	-6.338	-6.132
4521	45.20	-5.505	-4.948	-4.831	-5.198	-5.755	-6.043	-5.714	-4.745	-3.475	-2.440
4531	45.30	-2.085	-2.515	-3.420	-4.214	-4.329	-3.500	-1.904	-0.071	1.375	2.019
4541	45.40	1.833	1.158	0.497	0.248	0.511	1.072	1.559	1.672	1.359	0.832
4551	45.50	0.437	0.441	0.875	1.517	2.019	2.115	1.776	1.238	0.875	0.998
4561	45.60	1.686	2.742	3.790	4.466	4.572	4.158	3.430	2.618	1.860	1.062
4571	45.70	0.170	-0.838	-2.010	-2.925	-3.514	-3.986	-4.005	-3.706	-2.432	-0.993
4581	45.80	0.813	0.053	-0.882	-1.533	-1.594	-1.032	-0.083	0.883	1.529	1.685
4591	45.90	1.379	0.781	0.099	-0.513	-0.979	-1.273	-1.369	-1.213	-0.763	0.060
4601	46.00	1.119	2.245	3.182	3.682	3.586	2.875	1.667	0.175	-1.336	-2.603
4611	46.10	-3.385	-3.501	-2.662	-1.526	0.280	2.168	3.675	4.395	4.120	2.914
4621	46.20	1.096	-0.886	-2.622	-3.882	-4.659	-5.103	-5.382	-5.560	-5.553	-5.192
4631	46.30	-4.358	-3.104	-1.689	-0.493	0.147	0.093	-0.521	-1.355	-2.026	-2.287
4641	46.40	-2.128	-1.746	-1.404	-1.270	-1.310	-1.312	-1.016	-0.285	0.795	1.926
4651	46.50	2.729	2.928	2.471	1.545	0.463	-0.505	-1.262	-1.913	-2.669	-3.692
4661	46.60	-4.965	-6.263	-7.243	-7.609	-7.258	-6.337	-5.182	-4.163	-3.531	-3.315
4671	46.70	-3.342	-3.336	-3.053	-2.384	-1.381	-0.212	0.917	1.834	2.435	2.680
4681	46.80	2.579	2.177	1.563	0.870	0.264	-0.100	-0.137	0.126	0.558	0.985
4691	46.90	1.287	1.472	1.690	2.157	3.036	4.318	5.788	7.083	7.851	7.904
4701	47.00	7.314	6.385	5.515	5.006	4.926	5.091	5.165	4.851	4.056	2.958
4711	47.10	1.934	1.378	1.512	2.261	3.267	4.039	4.156	3.446	2.051	0.367
4721	47.20	-1.126	-2.050	-2.260	-1.864	-1.146	-0.413	0.139	0.505	0.859	1.461
4731	47.30	2.532	4.140	6.150	8.245	10.027	11.144	11.417	10.906	9.898	8.816
4741	47.40	8.061	7.868	8.207	8.781	9.128	8.795	7.516	5.321	2.547	-0.281

Table 7—24—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	0.0	0.431	0.342	0.681	0.876	1.428	1.947	2.233	2.173	1.709
11	0.10	1.236	0.719	0.400	0.323	0.399	0.464	0.374	0.085	-0.314	-0.649
21	0.20	-0.745	-0.523	-0.042	0.523	0.963	1.127	0.994	0.670	0.331	0.140
31	0.30	0.175	0.403	0.210	0.965	1.072	1.006	0.794	0.489	0.129	-0.268
41	0.40	-0.694	-1.117	-1.474	-1.673	-1.639	-1.353	-0.881	-0.362	0.041	0.210
51	0.50	0.119	-0.145	-0.424	-0.550	-0.418	-0.035	0.483	0.954	1.200	1.110
61	0.60	0.680	0.014	-0.715	-1.322	-1.648	-1.699	-1.458	-1.059	-0.647	-0.366
71	0.70	-0.215	-0.242	-0.353	-0.454	-0.481	-0.429	-0.363	-0.391	-0.608	-1.060
81	0.80	-1.708	-2.443	-3.119	-3.612	-3.854	-3.848	-3.652	-3.344	-2.988	-2.618
91	0.90	-2.246	-1.880	-1.541	-1.261	-1.073	-0.984	-0.965	-0.960	-0.909	-0.782
101	1.00	-0.594	-0.401	-0.270	-0.244	-0.314	-0.423	-0.437	-0.437	-0.249	0.048
111	1.10	0.385	0.682	0.878	0.962	0.876	0.690	0.415	0.086	-0.248	-0.521
121	1.20	-0.664	-0.631	-0.423	-0.102	0.231	0.477	0.590	0.604	0.632	0.810
131	1.30	1.228	1.873	2.621	3.268	3.618	3.561	3.119	2.435	1.711	1.131
141	1.40	0.792	0.585	0.726	0.806	0.851	0.838	0.794	0.755	0.738	0.730
151	1.50	0.701	0.630	0.532	0.456	0.463	0.591	0.825	1.093	1.282	1.284
161	1.60	1.033	0.534	-0.137	-0.852	-1.469	-1.870	-1.991	-1.836	-1.472	-1.022
171	1.70	-0.615	-0.356	-0.280	-0.361	-0.501	-0.586	-0.534	-0.339	-0.072	0.145
181	1.80	0.200	0.053	-0.241	-0.552	-0.736	-0.709	-0.488	-0.180	0.074	0.177
191	1.90	0.134	0.051	0.075	0.313	0.766	1.316	1.783	2.020	1.984	1.765
201	2.00	1.531	1.437	1.536	1.749	1.910	1.858	1.535	1.023	0.507	0.171
211	2.10	0.105	0.251	0.447	0.525	0.418	0.214	0.111	0.297	0.826	1.553
221	2.20	2.176	2.375	1.976	1.054	-0.081	-1.022	-1.457	-1.310	-0.774	-0.195
231	2.30	0.112	0.036	-0.277	-0.509	-0.362	0.261	1.171	1.965	2.229	1.746
241	2.40	0.634	-0.701	-1.749	-2.146	-1.851	-1.169	-0.596	-0.566	-1.229	-2.366
251	2.50	-3.496	-4.101	-3.878	-2.881	-1.482	-0.190	0.593	0.767	0.463	0.116
261	2.60	0.058	0.435	1.123	1.805	2.135	1.912	1.166	0.129	-0.888	-1.638
271	2.70	-2.025	-2.108	-2.024	-1.897	-1.772	-1.627	-1.420	-1.151	-0.879	-0.694
281	2.80	-0.665	-0.696	-0.719	-0.566	-0.152	0.475	1.133	1.586	1.658	1.329
291	2.90	0.754	0.193	-0.106	-0.025	0.381	0.920	1.368	1.573	1.506	1.240
301	3.00	0.870	0.441	-0.084	-0.775	-1.652	-2.616	-3.446	-3.872	-3.707	-2.945
311	3.10	-1.786	-0.560	0.420	0.996	1.226	1.329	1.551	2.015	2.643	3.188
321	3.20	3.362	2.999	2.150	1.082	0.158	-0.326	-0.257	0.232	0.863	1.327
331	3.30	1.426	1.125	0.537	-0.163	-0.821	-1.350	-1.724	-1.938	-1.973	-1.803
341	3.40	-1.431	-0.932	-0.459	-0.198	-0.279	-0.699	-1.304	-1.845	-2.101	-1.991
351	3.50	-1.624	-1.251	-1.129	-1.378	-1.902	-2.426	-2.628	-2.317	-1.547	-0.608
361	3.60	0.107	0.291	-0.110	-0.861	-1.544	-1.758	-1.317	-0.346	0.777	1.595
371	3.70	1.794	1.349	0.533	-0.216	-0.504	-0.164	0.673	1.648	2.343	2.468
381	3.80	1.977	1.074	0.095	-0.648	-0.995	-0.990	-0.824	-0.720	-0.812	-1.083
391	3.90	-1.370	-1.449	-1.141	-0.398	0.663	1.799	2.716	3.168	3.029	2.330
401	4.00	1.249	0.060	-0.937	-1.495	-1.478	-0.901	0.079	1.201	2.177	2.771
411	4.10	2.874	2.534	1.937	1.343	0.995	1.035	1.456	2.116	2.789	3.251
421	4.20	3.354	3.068	2.472	1.708	0.919	0.205	-0.398	-0.900	-1.321	-1.663
431	4.30	-1.895	-1.979	-1.893	-1.671	-1.402	-1.210	-1.208	-1.445	-1.878	-2.373
441	4.40	-2.748	-2.832	-2.518	-1.807	-0.803	0.309	1.313	2.016	2.296	2.123
451	4.50	1.571	0.792	-0.015	-0.663	-1.029	-1.097	-0.967	-0.820	-0.855	-1.204
461	4.60	-1.868	-2.703	-3.460	-3.886	-3.818	-3.264	-2.402	-1.511	-0.858	-0.580
471	4.70	-0.632	-0.804	-0.823	-0.477	0.284	1.314	2.324	3.001	3.131	2.691
481	4.80	1.858	0.952	0.323	0.235	0.785	1.874	3.241	4.539	5.432	5.686
491	4.90	5.238	4.225	2.947	1.795	1.134	1.176	1.900	3.042	4.172	4.845

Table 7—24—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	4.761	3.892	2.492	1.004	-0.111	-0.556	-0.304	0.408	1.194	1.686
511	5.10	1.676	1.173	0.351	-0.566	-1.430	-2.219	-3.011	-3.880	-4.803	-5.614
521	5.20	-6.057	-5.902	-5.080	-3.741	-2.226	-0.935	-0.162	0.014	-0.248	-0.664
531	5.30	-0.873	-0.773	-0.373	0.149	0.582	0.800	0.822	0.784	0.849	1.096
541	5.40	1.466	1.785	1.845	1.517	0.815	-0.109	-1.037	-1.785	-2.275	-2.551
551	5.50	-2.729	-2.922	-3.179	-3.468	-3.705	-3.808	-3.733	-3.476	-3.042	-2.415
561	5.60	-1.550	-0.414	0.954	2.392	3.623	4.325	4.261	3.384	1.892	0.180
571	5.70	-1.297	-2.182	-2.339	-1.878	-1.082	-0.267	0.345	0.699	0.881	1.034
581	5.80	1.257	1.549	1.824	1.971	1.935	1.750	1.521	1.356	1.289	1.257
591	5.90	1.128	0.782	0.198	-0.512	-1.132	-1.437	-1.293	-0.719	0.124	1.009
601	6.00	1.748	2.265	2.595	2.829	3.019	3.117	2.975	2.426	1.379	-0.091
611	6.10	-1.746	-3.254	-4.325	-4.821	-4.808	-4.502	-4.160	-3.946	-3.858	-3.747
621	6.20	-3.408	-2.708	-1.674	-0.497	0.546	1.222	1.443	1.307	1.041	0.886
631	6.30	0.979	1.296	1.664	1.858	1.704	1.155	0.302	-0.682	-1.626	-2.421
641	6.40	-3.036	-3.479	-3.758	-3.852	-3.636	-3.139	-2.401	-1.602	-0.997	-0.816
651	6.50	-1.146	-1.860	-2.634	-3.056	-2.789	-1.716	-0.001	1.966	3.708	4.866
661	6.60	5.226	4.958	4.345	3.743	3.413	3.437	3.710	4.010	4.113	3.877
671	6.70	3.290	2.458	1.542	0.703	0.044	-0.408	-0.693	-0.893	-1.101	-1.383
681	6.80	-1.753	-2.154	-2.466	-2.531	-2.213	-1.458	-0.343	0.924	2.049	2.748
691	6.90	2.845	2.337	1.399	0.313	-0.633	-1.242	-1.465	-1.378	-1.122	-0.825
701	7.00	-0.550	-0.300	-0.054	0.184	0.366	0.417	0.287	-0.001	-0.345	-0.600
711	7.10	-0.653	-0.483	-0.186	0.075	0.148	-0.024	-0.372	-0.732	-0.940	-0.919
721	7.20	-0.727	-0.528	-0.507	-0.755	-1.215	-1.688	-1.928	-1.751	-1.132	-0.216
731	7.30	0.743	1.491	1.873	1.882	1.635	1.301	1.010	0.902	0.937	1.127
741	7.40	1.468	1.963	2.598	3.295	3.902	4.215	4.053	3.344	2.176	0.792
751	7.50	-0.488	-1.375	-1.709	-1.506	-0.927	-0.209	0.428	0.845	0.999	0.917
761	7.60	0.660	0.298	-0.100	-0.452	-0.660	-0.630	-0.312	0.251	0.915	1.462
771	7.70	1.676	1.438	0.787	-0.080	-0.877	-1.344	-1.356	-0.979	-0.443	-0.046
781	7.80	-0.023	-0.454	-1.228	-2.098	-2.796	-3.145	-3.131	-2.901	-2.686	-2.679
791	7.90	-2.945	-3.374	-3.727	-3.737	-3.226	-2.192	-0.824	0.569	1.675	2.297
801	8.00	2.421	2.205	1.893	1.702	1.721	1.885	2.016	1.921	1.489	0.744
811	8.10	-0.172	-1.084	-1.876	-2.558	-3.249	-4.101	-5.187	-6.414	-7.513	-8.121
821	8.20	-7.913	-6.740	-4.705	-2.144	0.487	2.755	4.386	5.323	5.698	5.746
831	8.30	5.694	5.679	5.716	5.727	5.597	5.227	4.576	3.668	2.580	1.424
841	8.40	0.321	-0.607	-1.260	-1.566	-1.502	-1.097	-0.427	0.397	1.258	2.046
851	8.50	2.669	3.060	3.175	3.004	2.580	1.990	1.372	0.881	0.632	0.648
861	8.60	0.830	0.978	0.867	0.350	-0.555	-1.638	-2.552	-2.940	-2.578	-1.482
871	8.70	0.080	1.675	2.855	3.325	3.033	2.477	1.103	0.166	-0.418	-0.613
881	8.80	-0.565	-0.498	-0.609	-0.982	-1.572	-2.243	-2.861	-3.260	-3.468	-3.494
891	8.90	-3.377	-3.136	-2.735	-2.213	-1.525	-0.777	-0.121	0.271	0.281	-0.091
901	9.00	-0.718	-1.384	-1.880	-2.092	-2.055	-1.933	-1.930	-2.176	-2.669	-3.166
911	9.10	-3.668	-3.369	-2.772	-1.912	-1.086	-0.603	-0.605	-0.973	-1.361	-1.361
921	9.20	-0.618	0.819	2.554	4.368	5.454	5.665	5.039	4.055	3.247	3.054
931	9.30	3.609	4.683	5.806	6.477	6.390	5.545	4.221	2.818	1.668	0.899
941	9.40	0.415	0.000	-0.538	-1.247	-2.007	-2.601	-2.864	-2.688	-2.248	-1.747
951	9.50	-1.394	-1.279	-1.335	-1.386	-1.247	-0.837	-0.233	0.356	0.672	0.522
961	9.60	-0.152	-1.245	-2.537	-3.761	-4.679	-5.130	-5.044	-4.649	-3.456	-2.248
971	9.70	-1.061	-0.138	0.327	0.253	-0.284	-1.065	-1.781	-2.141	-1.986	-1.252
981	9.80	-0.161	1.048	2.116	2.870	3.260	3.341	3.220	2.988	2.692	2.334
991	9.90	1.907	1.423	0.931	0.501	0.180	-0.029	-0.185	-0.375	-0.673	-1.090

Table 7—24—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.564	-1.972	-2.189	-2.342	-1.855	-1.445	-1.086	-0.942	-1.099	-1.531
1011	10.10	-2.100	-2.607	-2.857	-2.740	-2.272	-1.592	-0.916	-0.451	-0.316	-0.476
1021	10.20	-0.771	-0.955	-0.811	-0.254	0.149	1.541	2.172	2.230	1.616	0.467
1031	10.30	-0.872	-1.967	-2.448	-2.137	-1.115	0.319	1.748	2.780	3.161	2.839
1041	10.40	1.952	0.770	-0.385	-1.219	-1.515	-1.174	-0.220	1.197	2.824	4.353
1051	10.50	5.496	6.068	5.974	5.401	4.582	3.802	3.269	3.036	2.991	2.908
1061	10.60	2.559	1.810	0.681	-0.670	-2.010	-3.133	-3.920	-4.359	-4.516	-4.475
1071	10.70	-4.293	-3.991	-3.581	-3.104	-2.665	-2.318	-2.204	-2.300	-2.485	-2.556
1081	10.80	-2.305	-1.617	-0.540	0.715	1.836	2.528	2.617	2.105	1.165	0.063
1091	10.90	-0.927	-1.606	-1.880	-1.747	-1.266	-0.525	0.370	1.294	2.112	2.699
1101	11.00	2.987	3.009	2.907	2.896	3.167	3.782	4.607	5.324	5.538	4.944
1111	11.10	3.478	1.393	-0.800	-2.504	-3.262	-2.932	-1.755	-0.255	0.962	1.450
1121	11.20	1.089	0.115	-1.000	-1.761	-1.864	-1.314	-0.413	0.389	0.693	0.324
1131	11.30	-0.598	-1.723	-2.619	-2.951	-2.607	-1.720	-0.589	0.456	1.185	1.537
1141	11.40	1.599	1.514	1.292	1.065	0.613	-0.125	-1.087	-2.081	-2.853	
1151	11.50	-3.188	-3.007	-2.403	-1.529	-0.857	-0.367	-0.174	-0.180	-0.198	-0.052
1161	11.60	0.353	0.997	1.772	2.567	3.213	3.707	3.986	3.982	3.582	2.650
1171	11.70	1.094	-1.047	-3.569	-6.020	-7.998	-9.092	-9.119	-8.165	-6.553	-4.719
1181	11.80	-3.061	-1.809	-0.978	-0.405	0.144	0.869	1.869	3.026	4.232	5.253
1191	11.90	5.878	5.951	5.391	4.217	2.562	0.678	-1.087	-2.357	-2.818	-2.327
1201	12.00	-0.970	0.940	2.953	4.614	5.600	5.800	5.318	4.394	3.305	2.271
1211	12.10	1.416	0.780	0.361	0.139	0.085	0.141	0.195	0.100	-0.280	-0.998
1221	12.20	-1.973	-3.001	-3.819	-4.218	-4.136	-3.685	-3.100	-2.619	-2.373	-2.323
1231	12.30	-2.295	-2.073	-1.522	-0.660	0.360	1.328	2.089	2.612	2.981	3.324
1241	12.40	3.713	4.105	4.355	4.300	3.854	3.070	2.119	1.209	0.482	-0.066
1251	12.50	-0.458	-0.850	-1.233	-1.482	-1.389	-0.787	0.319	1.680	2.860	3.400
1261	12.60	3.016	1.747	-0.038	-1.765	-2.883	-3.064	-2.320	-0.966	0.522	1.691
1271	12.70	2.254	2.150	1.460	0.423	-0.741	-1.816	-2.609	-2.956	-2.746	-1.971
1281	12.80	-0.778	0.533	1.583	2.037	1.747	0.821	-0.400	-1.474	-2.034	-1.929
1291	12.90	-1.266	-0.342	0.495	0.988	1.047	0.730	0.171	-0.500	-1.193	-1.829
1301	13.00	-2.290	-2.392	-1.932	-0.791	0.948	2.968	4.684	5.615	5.396	4.026
1311	13.10	1.855	-0.559	-2.689	-4.252	-5.288	-6.081	-6.958	-8.065	-9.261	-10.161
1321	13.20	-10.326	-9.493	-7.718	-5.377	-3.006	-1.079	0.172	0.793	1.015	1.073
1331	13.30	1.061	0.900	0.439	-0.380	-1.390	-2.207	-2.581	-1.629	-0.042	1.878
1341	13.40	3.370	3.717	2.571	0.133	-2.883	-5.510	-6.905	-6.679	-5.033	-2.659
1351	13.50	-0.445	0.889	1.061	0.300	-0.782	-1.472	-1.236	0.084	2.248	4.746
1361	13.60	6.999	8.557	9.204	8.959	8.003	6.520	4.871	3.066	1.272	-0.399
1371	13.70	-1.854	-3.030	-3.941	-4.701	-5.508	-6.578	-8.064	-9.873	-11.836	-13.565
1381	13.80	-14.582	-14.616	-13.516	-11.386	-8.511	-5.257	-1.955	1.175	4.021	6.534
1391	13.90	8.659	10.293	11.307	11.614	11.254	10.435	9.501	8.820	8.642	8.986
1401	14.00	9.618	10.139	10.154	9.468	8.092	6.434	4.966	4.134	4.158	4.956
1411	14.10	6.188	7.394	8.179	8.368	7.949	7.208	6.401	5.724	5.210	4.734
1421	14.20	4.082	3.060	1.577	-0.309	-2.415	-4.491	-6.288	-7.618	-8.386	-8.580
1431	14.30	-8.271	-7.576	-6.638	-5.610	-4.632	-3.824	-3.265	-2.997	-3.021	-3.306
1441	14.40	-3.799	-4.427	-5.105	-5.733	-6.207	-6.427	-6.322	-5.865	-5.081	-4.048
1451	14.50	-2.865	-1.629	-0.398	0.824	2.079	3.428	4.915	6.520	8.138	9.581
1461	14.60	10.614	11.008	10.608	9.384	7.455	5.058	2.494	0.042	-2.111	-3.963
1471	14.70	-5.388	-6.679	-7.882	-9.060	-10.123	-11.056	-11.773	-12.258	-12.553	-12.716
1481	14.80	-12.762	-12.611	-12.088	-10.929	-9.137	-6.572	-3.499	-0.296	2.607	4.875
1491	14.90	6.382	7.238	7.736	8.225	8.972	10.072	11.431	12.819	13.961	14.618

Table 7—24—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	14.643	13.989	12.692	10.864	8.677	6.362	4.180	2.372	1.085	0.313
1511	15.10	-0.114	-0.467	-0.996	-1.793	-2.702	-3.336	-3.204	-2.915	-0.634	4.159
1521	15.20	8.032	11.466	13.750	14.489	13.697	11.764	9.291	6.868	4.891	3.664
1531	15.30	2.436	1.515	0.422	-0.987	-2.679	-4.475	-6.138	-7.478	-8.422	-9.033
1541	15.40	-9.471	-9.926	-10.520	-11.278	-12.092	-12.760	-13.058	-12.806	-11.926	-10.462
1551	15.50	-8.555	-6.394	-4.161	-1.995	0.011	1.790	3.265	4.330	4.866	4.777
1561	15.60	4.048	2.780	1.186	-0.456	-1.885	-2.932	-3.562	-3.864	-3.988	-4.057
1571	15.70	-4.101	-4.025	-3.654	-2.806	-1.389	0.543	2.781	5.026	6.996	8.525
1581	15.80	9.629	10.491	11.370	12.474	13.825	15.203	16.274	16.224	14.934	12.146
1591	15.90	8.033	3.063	-2.154	-7.066	-11.333	-14.891	-17.879	-20.493	-22.818	-24.742
1601	16.00	-25.986	-26.230	-25.283	-23.189	-20.220	-16.754	-13.102	-9.380	-5.496	-1.273
1611	16.10	3.361	8.212	12.796	16.471	18.682	19.201	18.233	16.336	14.182	12.255
1621	16.20	10.661	9.114	7.119	4.265	0.671	-3.931	-8.314	-12.017	-14.620	-16.088
1631	16.30	-16.739	-17.043	-17.381	-17.865	-18.322	-18.422	-17.868	-16.547	-14.560	-12.135
1641	16.40	-9.482	-6.694	-3.745	-0.602	2.639	5.674	8.041	9.284	9.173	7.843
1651	16.50	5.790	3.705	2.213	1.639	1.912	2.635	3.503	3.149	2.422	1.572
1661	16.60	1.696	1.336	1.578	2.446	3.811	5.486	7.310	9.169	10.968	12.572
1671	16.70	13.790	14.424	14.366	13.686	12.681	11.775	11.377	11.693	12.606	13.679
1681	16.80	14.290	13.843	11.982	8.718	4.422	-0.297	-4.779	-8.492	-11.144	-12.697
1691	16.90	-13.309	-13.228	-12.689	-11.850	-10.771	-9.439	-7.821	-5.918	-3.810	-1.663
1701	17.00	0.292	1.821	2.763	3.089	2.924	2.510	2.121	1.958	2.072	2.342
1711	17.10	2.536	2.414	1.835	0.821	-0.462	-1.782	-2.951	-3.895	-4.655	-5.321
1721	17.20	-5.920	-6.332	-6.288	-5.442	-3.517	-0.432	3.617	6.195	12.741	16.715
1731	17.30	19.785	21.784	22.790	22.979	22.542	21.605	20.206	18.315	15.883	12.880
1741	17.40	9.327	5.307	0.975	-3.438	-7.627	-11.240	-13.936	-15.471	-15.784	-15.044
1751	17.50	-13.622	-11.993	-10.585	-9.644	-9.159	-8.895	-8.513	-7.739	-6.495	-4.952
1761	17.60	-3.460	-2.416	-2.048	-2.401	-3.222	-4.111	-4.860	-4.615	-3.969	-2.948
1771	17.70	-1.910	-1.198	-0.996	-1.253	-1.698	-1.932	-1.578	-0.410	1.569	4.014
1781	17.80	6.505	8.470	9.428	9.098	7.472	4.814	1.589	-1.643	-4.360	-6.169
1791	17.90	-6.857	-6.389	-4.869	-2.494	0.480	3.743	6.937	9.671	11.569	12.364
1801	18.00	11.993	10.661	8.824	7.073	5.947	5.738	6.360	7.353	8.033	7.731
1811	18.10	6.045	2.993	-0.981	-5.154	-8.757	-11.198	-12.199	-11.809	-10.318	-8.135
1821	18.20	-5.499	-3.438	-1.744	-1.055	-1.584	-3.406	-6.241	-9.461	-12.215	-13.696
1831	18.30	-13.455	-11.617	-8.896	-6.353	-4.995	-5.367	-7.332	-10.145	-12.783	-14.395
1841	18.40	-14.646	-13.801	-12.516	-11.442	-10.867	-10.562	-9.944	-8.442	-5.877	-2.652
1851	18.50	0.382	2.326	2.695	1.716	0.285	-0.404	0.598	3.554	7.911	12.540
1861	18.60	16.231	18.208	18.414	17.454	16.231	15.488	15.457	16.002	15.285	
1871	18.70	13.442	10.684	7.582	4.805	2.844	1.882	1.809	2.368	3.295	4.386
1881	18.80	5.462	6.289	6.545	5.880	4.071	1.161	-2.285	-6.283	-9.651	-12.251
1891	18.90	-14.112	-15.575	-17.076	-18.870	-20.846	-22.525	-23.247	-22.464	-19.987	-16.072
1901	19.00	-11.324	-6.454	-2.034	1.667	4.685	7.238	9.566	11.790	13.863	15.609
1911	19.10	16.788	17.174	16.605	15.027	12.528	9.386	6.068	3.176	1.300	0.818
1921	19.20	1.727	3.583	5.628	7.055	7.326	6.388	4.680	2.920	1.759	1.665
1931	19.30	1.799	2.133	1.767	0.269	-2.304	-5.441	-8.417	-10.627	-11.836	-12.226
1941	19.40	-12.229	-12.244	-12.393	-12.456	-11.997	-10.629	-8.249	-5.145	-1.696	0.855
1951	19.50	2.657	3.398	3.280	2.672	1.907	1.162	0.442	-0.309	-1.085	-1.747
1961	19.60	-2.050	-1.770	-0.834	0.609	2.237	3.680	4.693	5.250	5.544	5.888
1971	19.70	6.556	7.658	9.088	10.563	11.711	12.180	11.709	10.171	7.577	4.084
1981	19.80	-0.012	-4.292	-8.263	-11.444	-13.476	-14.197	-13.682	-12.168	-9.954	-7.277
1991	19.90	-4.261	-0.940	2.641	6.324	9.797	12.657	14.548	15.324	15.120	14.306

Table 7—24—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	13.318	12.446	11.702	10.826	9.459	7.371	4.650	1.718	-0.842	-2.577
2011	20.10	-3.429	-3.826	-4.529	-6.294	-9.478	-13.801	-18.376	-22.005	-23.645	-22.803
2021	20.20	-19.720	-15.250	-10.499	-6.405	-3.465	-1.576	-0.420	0.446	1.259	2.004
2031	20.30	2.545	2.830	3.042	3.568	4.786	6.790	9.206	11.245	12.000	10.875
2041	20.40	7.939	4.000	0.352	-1.731	-1.528	0.808	4.780	7.582	9.399	9.171
2051	20.50	7.140	4.216	1.537	-0.008	-0.087	1.043	2.758	4.381	5.427	5.669
2061	20.60	5.035	3.458	0.810	-3.024	-7.944	-13.470	-18.725	-22.643	-24.343	-23.491
2071	20.70	-20.477	-16.294	-12.152	-9.009	-7.220	-6.477	-6.056	-5.241	-3.699	-1.638
2081	20.80	0.335	1.564	1.712	0.955	-0.092	-0.676	-0.262	1.229	3.424	5.718
2091	20.90	7.591	8.845	9.665	10.355	11.276	12.437	13.551	14.164	13.905	12.702
2101	21.00	10.834	8.806	7.099	5.941	5.207	4.509	3.414	1.686	-0.586	-2.999
2111	21.10	-5.022	-6.205	-6.339	-5.486	-3.886	-1.809	0.557	3.118	5.796	8.411
2121	21.20	10.609	11.901	11.869	10.063	6.753	2.367	-2.330	-6.523	-9.597	-11.318
2131	21.30	-11.863	-11.699	-11.359	-11.203	-11.266	-11.244	-10.625	-8.920	-5.892	-1.701
2141	21.40	3.097	7.703	11.319	13.404	13.822	12.847	11.015	8.887	6.826	4.886
2151	21.50	2.866	0.390	-2.676	-6.258	-9.946	-13.146	-15.307	-16.145	-15.766	-14.626
2161	21.60	-13.363	-12.452	-12.192	-12.429	-12.723	-12.519	-11.362	-9.070	-5.782	-1.910
2171	21.70	1.999	5.408	7.915	9.318	9.631	9.068	8.004	6.920	6.328	6.573
2181	21.80	8.223	10.260	14.636	18.610	22.156	24.533	25.181	23.866	20.737	16.296
2191	21.90	11.270	6.435	2.424	-0.426	-2.145	-3.101	-3.863	-5.018	-6.964	-9.772
2201	22.00	-13.152	-16.526	-19.208	-20.601	-20.359	-18.462	-15.196	-11.055	-6.624	-2.483
2211	22.10	0.858	2.996	3.671	2.826	0.653	-2.379	-5.591	-8.236	-9.710	-9.732
2221	22.20	-8.433	-6.285	-3.897	-1.769	-0.099	1.240	2.573	4.182	6.100	8.048
2231	22.30	9.552	10.197	9.871	8.878	7.828	7.350	7.759	8.847	9.921	10.093
2241	22.40	8.269	5.615	3.572	-0.427	-5.135	-5.740	-4.149	-1.009	2.560	5.425
2251	22.50	6.860	6.773	5.635	4.193	3.082	2.547	2.369	2.029	1.001	-0.957
2261	22.60	-3.658	-6.538	-8.876	-10.078	-9.907	-8.556	-6.555	-4.578	-3.182	-2.640
2271	22.70	-2.882	-3.555	-4.187	-4.360	-3.864	-2.758	-1.352	-0.105	0.511	0.150
2281	22.80	-1.310	-3.731	-6.750	-9.875	-12.598	-14.517	-15.408	-15.240	-14.148	-12.349
2291	22.90	-10.071	-7.492	-4.721	-1.820	1.153	4.106	6.885	9.299	11.149	12.288
2301	23.00	12.653	12.286	11.311	9.905	8.250	6.509	4.815	3.282	2.019	1.134
2311	23.10	0.726	0.850	1.487	2.517	3.734	4.878	5.699	6.023	5.790	5.060
2321	23.20	3.979	2.728	1.464	0.289	-0.748	-1.625	-2.313	-2.750	-2.850	-2.537
2331	23.30	-1.802	-0.747	0.405	1.360	1.728	1.319	0.021	-2.057	-4.631	-7.309
2341	23.40	-9.699	-11.501	-12.557	-12.850	-12.443	-11.407	-9.764	-7.488	-4.561	-1.062
2351	23.50	2.760	6.481	9.587	11.631	12.407	12.062	11.077	10.119	9.793	10.403
2361	23.60	11.818	13.512	14.761	14.936	13.751	11.372	8.336	5.304	2.804	1.009
2371	23.70	-0.278	-1.478	-2.982	-4.929	-7.113	-9.070	-10.310	-10.561	-9.920	-8.819
2381	23.80	-7.828	-7.381	-7.560	-8.037	-8.222	-7.531	-5.678	-2.829	0.430	3.314
2391	23.90	5.147	5.625	4.917	3.571	2.271	1.555	1.603	2.200	2.849	3.004
2401	24.00	2.290	0.646	-1.675	-4.226	-6.536	-8.268	-9.297	-9.683	-9.596	-9.202
2411	24.10	-8.597	-7.780	-6.689	-5.251	-3.429	-1.242	1.231	3.874	6.538	9.052
2421	24.20	11.223	12.860	13.807	13.999	13.496	12.491	11.259	10.069	9.083	8.289
2431	24.30	7.508	6.463	4.909	2.739	0.048	-2.894	-5.740	-8.182	-10.045	-11.300
2441	24.40	-12.018	-12.280	-12.307	-11.644	-10.212	-8.395	-6.104	-3.585	-1.159	0.894
2451	24.50	2.426	3.462	4.151	4.663	5.082	5.350	5.299	4.745	3.599	1.929
2461	24.60	-0.049	-2.065	-3.904	-5.476	-6.807	-7.969	-8.969	-9.700	-9.959	-9.559
2471	24.70	-8.461	-6.860	-5.152	-3.807	-3.166	-3.280	-3.868	-4.418	-4.393	-3.462
2481	24.80	-1.642	0.714	3.069	4.925	6.024	6.428	6.459	6.534	6.974	7.885
2491	24.90	9.145	10.494	11.674	12.536	13.077	13.390	13.571	13.633	13.486	12.977

Table 7—24—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	11.981	10.473	8.566	6.465	4.384	2.446	0.833	-1.203	-3.271	-5.731
2511	25.10	-8.617	-11.789	-14.969	-17.819	-19.988	-21.276	-21.575	-20.907	-19.375	-17.122
2521	25.20	-14.299	-11.059	-7.561	-3.978	-0.496	2.712	5.515	7.856	9.763	11.330
2531	25.30	12.673	13.876	14.954	15.860	16.420	16.585	16.292	15.600	14.660	13.668
2541	25.40	12.798	12.139	11.669	11.275	10.803	10.125	9.179	7.980	6.600	5.127
2551	25.50	3.631	2.151	0.706	-0.693	-2.021	-3.259	-4.408	-5.502	-6.607	-7.793
2561	25.60	-9.094	-10.474	-11.837	-13.066	-14.088	-14.922	-15.686	-16.543	-17.610	-18.868
2571	25.70	-20.136	-21.109	-21.470	-21.015	-19.731	-17.791	-15.460	-12.966	-10.384	-7.644
2581	25.80	-4.600	-1.179	2.493	6.064	9.046	11.011	11.530	10.750	10.050	10.050
2591	25.90	9.916	10.505	11.585	12.654	13.162	12.758	11.433	9.500	7.432	5.636
2601	26.00	4.280	3.248	2.247	0.995	-0.614	-2.411	-4.069	-5.157	-5.533	-5.251
2611	26.10	-4.642	-4.151	-4.147	-4.773	-5.907	-7.240	-8.425	-9.229	-9.601	-9.644
2621	26.20	-9.521	-9.338	-9.089	-8.669	-7.967	-6.955	-5.746	-4.563	-3.648	-3.147
2631	26.30	-3.026	-3.073	-2.972	-2.424	-1.266	0.476	2.597	4.791	6.751	8.250
2641	26.40	9.186	9.579	9.544	9.251	8.893	8.653	8.676	9.037	9.719	10.604
2651	26.50	11.510	12.264	12.672	12.772	12.638	12.444	12.243	12.498	12.832	13.247
2661	26.60	13.665	13.614	13.261	12.618	11.813	8.970	6.217	2.741	-1.337	-5.714
2671	26.70	-9.917	-13.408	-15.740	-16.712	-16.454	-15.393	-14.098	-13.086	-12.640	-12.735
2681	26.80	-13.093	-13.330	-13.130	-12.370	-11.144	-9.685	-8.247	-6.993	-5.946	-5.017
2691	26.90	-4.077	-3.029	-1.843	-0.550	0.798	2.157	3.496	4.768	5.882	6.694
2701	27.00	7.040	6.804	5.982	4.710	3.234	1.833	0.724	0.002	-0.368	-0.505
2711	27.10	-0.536	-0.536	-0.511	-0.423	-0.245	0.009	0.237	0.485	0.603	0.672
2721	27.20	0.799	1.195	1.654	2.399	3.173	3.731	3.823	3.282	2.082	0.357
2731	27.30	-1.618	-3.491	-4.901	-5.567	-5.355	-4.330	-2.755	-1.046	0.340	1.043
2741	27.40	0.924	0.131	-0.937	-1.766	-1.910	-1.168	0.339	2.211	3.926	5.035
2751	27.50	5.338	4.937	4.179	3.504	3.273	3.640	4.525	5.665	6.719	7.384
2761	27.60	7.458	6.873	5.684	4.043	2.176	0.344	-1.198	-2.262	-2.790	-2.873
2771	27.70	-2.735	-2.644	-2.794	-3.216	-3.741	-4.057	-3.839	-2.882	-1.200	0.985
2781	27.80	3.321	5.463	7.179	8.396	9.161	9.551	9.598	9.252	8.418	7.016
2791	27.90	5.066	2.678	0.045	-2.638	-5.221	-7.607	-9.722	-11.457	-12.644	-13.079
2801	28.00	-12.601	-11.176	-8.959	-6.268	-3.507	-1.041	0.897	2.239	3.044	3.412
2811	28.10	3.412	3.051	2.304	1.181	-0.222	-1.720	-3.083	-4.123	-4.767	-5.074
2821	28.20	-5.204	-5.344	-5.631	-6.119	-6.776	-7.525	-8.279	-8.953	-9.457	-9.683
2831	28.30	-9.512	-8.850	-7.694	-6.167	-4.518	-3.048	-1.997	-1.446	-1.257	-1.148
2841	28.40	-0.793	0.016	1.268	2.723	4.012	4.788	4.881	4.372	3.569	2.892
2851	28.50	2.728	3.300	4.621	6.507	8.643	10.776	12.589	13.945	14.785	15.136
2861	28.60	15.081	14.253	14.159	13.442	12.567	11.466	10.045	8.233	6.042	3.598
2871	28.70	-1.125	-1.125	-2.966	-4.356	-5.422	-6.404	-7.546	-8.970	-10.596	-12.149
2881	28.80	-13.246	-13.544	-12.876	-11.320	-9.178	-6.868	-4.778	-3.150	-2.023	-1.260
2891	28.90	-0.648	0.006	0.789	1.668	2.532	3.256	3.767	4.068	4.218	4.283
2901	29.00	4.279	4.152	3.794	3.103	2.050	0.734	-0.619	-1.702	-2.218	-1.969
2911	29.10	-0.925	0.763	2.810	4.873	6.651	7.953	8.729	9.051	9.063	8.920
2921	29.20	8.729	8.517	8.256	7.733	6.881	5.533	3.608	1.124	-1.794	-4.926
2931	29.30	-8.005	-10.776	-13.059	-14.788	-16.007	-16.831	-17.382	-17.730	-17.867	-17.728
2941	29.40	-17.234	-16.345	-15.086	-13.538	-11.789	-9.893	-7.847	-5.616	-3.190	-0.634
2951	29.50	1.885	4.142	5.930	7.149	7.859	8.253	8.574	9.012	9.621	10.322
2961	29.60	10.964	11.430	11.706	11.889	12.104	12.395	12.641	12.561	11.824	10.210
2971	29.70	7.752	4.776	1.803	-0.645	-2.259	-3.069	-3.427	-3.860	-4.747	-6.320
2981	29.80	-8.399	-10.576	-12.375	-13.452	-13.712	-13.294	-12.465	-11.457	-10.367	-9.137
2991	29.90	-7.638	-5.785	-3.625	-1.344	0.804	2.607	3.982	4.988	5.768	6.446

Table 7—24—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	7.068	7.487	7.613	7.313	6.594	5.602	4.573	3.730	3.196	2.934
3011	30.10	2.805	2.635	2.328	1.926	1.594	1.545	1.931	2.763	3.881	5.012
3021	30.20	5.860	6.221	6.069	5.464	4.701	4.011	3.580	3.456	3.567	3.652
3031	30.30	3.536	3.000	1.949	0.614	-1.451	-3.409	-5.196	-6.581	-7.408	-7.618
3041	30.40	-7.246	-6.399	-5.223	-3.870	-2.476	-1.144	0.069	1.111	2.019	2.822
3051	30.50	3.567	4.287	4.973	5.562	5.943	5.990	5.615	4.814	3.702	2.494
3061	30.60	1.454	0.804	0.643	0.904	1.364	1.719	1.687	1.109	-0.006	-1.488
3071	30.70	-3.091	-4.589	-5.869	-6.960	-7.999	-9.142	-10.439	-11.916	-13.272	-14.268
3081	30.80	-14.578	-14.125	-12.936	-11.225	-9.306	-7.478	-5.936	-4.726	-3.761	-2.876
3091	30.90	-1.915	-0.786	0.511	1.905	3.289	4.558	5.643	6.504	7.130	7.527
3101	31.00	7.710	7.704	7.543	7.255	6.851	6.315	5.609	4.708	3.644	2.535
3111	31.10	1.581	1.011	0.985	1.502	2.355	3.164	3.495	3.025	1.680	-0.320
3121	31.20	-2.530	-4.446	-5.711	-6.251	-6.296	-6.269	-6.579	-7.424	-8.688	-9.976
3131	31.30	-10.778	-10.685	-9.565	-7.614	-5.267	-3.010	-1.178	0.170	1.246	2.409
3141	31.40	3.971	6.042	8.454	10.825	12.700	13.727	13.783	12.995	11.669	10.161
3151	31.50	8.739	7.520	6.467	5.467	4.418	3.293	2.154	1.099	0.204	-0.539
3161	31.60	-1.215	-1.945	-2.801	-3.749	-4.633	-5.220	-5.291	-4.733	-3.590	-2.048
3171	31.70	-0.361	1.239	2.616	3.746	4.676	5.453	6.069	6.456	6.527	6.255
3181	31.80	5.718	5.103	4.625	4.423	4.475	4.579	4.429	3.754	2.453	0.658
3191	31.90	-1.304	-3.042	-4.268	-4.906	-5.107	-5.149	-5.293	-5.652	-6.162	-6.662
3201	32.00	-6.932	-7.008	-7.010	-7.172	-7.672	-8.500	-9.411	-10.013	-9.933	-9.014
3211	32.10	-7.407	-5.527	-3.886	-2.863	-2.560	-2.674	-2.814	-2.520	-1.558	-0.003
3221	32.20	1.814	3.472	4.649	5.254	5.434	5.467	5.604	5.941	6.186	6.723
3231	32.30	6.737	6.331	5.564	4.618	3.700	2.941	2.367	1.822	1.239	0.526
3241	32.40	-0.289	-1.085	-1.702	-2.016	-1.983	-1.651	-1.120	-0.495	0.158	0.820
3251	32.50	1.508	2.241	3.016	3.796	4.514	5.088	5.432	5.473	5.162	4.494
3261	32.60	3.528	2.399	1.360	0.441	-0.018	-0.034	0.288	0.716	0.961	0.801
3271	32.70	0.158	-0.908	-2.139	-3.276	-4.124	-4.632	-4.899	-5.113	-5.448	-5.980
3281	32.80	-6.656	-7.330	-7.888	-8.242	-8.455	-8.658	-8.976	-9.431	-9.890	-10.095
3291	32.90	-9.761	-8.699	-6.917	-4.638	-2.233	-0.088	1.528	2.547	3.093	3.407
3301	33.00	3.720	4.159	4.703	5.221	5.558	5.619	5.424	5.094	4.790	4.635
3311	33.10	4.649	4.742	4.752	4.513	3.925	2.987	1.798	0.518	-0.681	-1.654
3321	33.20	-2.312	-2.616	-2.575	-2.232	-1.657	-0.936	-0.166	0.567	1.200	1.710
3331	33.30	2.109	2.436	2.728	3.007	3.265	3.476	3.607	3.633	3.546	3.350
3341	33.40	3.056	2.682	2.261	1.854	1.557	1.488	1.717	2.370	3.284	4.299
3351	33.50	5.149	5.566	5.359	4.494	3.090	1.380	-0.373	-1.954	-3.253	-4.255
3361	33.60	-5.006	-5.552	-5.902	-6.034	-5.923	-5.584	-5.094	-4.572	-4.125	-3.788
3371	33.70	-3.492	-3.080	-2.375	-1.267	0.218	1.903	3.503	4.723	5.359	5.363
3381	33.80	4.848	4.032	3.146	2.345	1.655	0.984	0.170	-0.929	-2.364	-4.055
3391	33.90	-5.804	-7.347	-8.446	-8.968	-8.932	-8.508	-7.957	-7.533	-7.388	-7.501
3401	34.00	-7.687	-7.664	-7.166	-6.065	-4.423	-2.478	-0.546	1.109	2.387	3.378
3411	34.10	4.296	5.354	6.630	7.996	9.157	9.782	9.666	8.864	7.616	6.424
3421	34.20	5.679	5.590	6.076	6.816	7.395	7.484	6.972	5.981	4.773	3.611
3431	34.30	2.628	1.792	0.971	0.053	-0.949	-1.867	-2.451	-2.504	-2.008	-1.173
3441	34.40	-0.365	0.041	-0.170	-0.955	-2.031	-3.010	-3.574	-3.619	-3.293	-2.916
3451	34.50	-2.822	-3.202	-4.020	-5.036	-5.921	-6.399	-6.351	-5.863	-5.071	-4.255
3461	34.60	-3.558	-3.039	-2.676	-2.416	-2.225	-2.105	-2.074	-2.127	-2.210	-2.229
3471	34.70	-2.092	-1.760	-1.276	-0.744	-0.301	-0.038	0.035	-0.016	-0.096	-0.141
3481	34.80	-0.157	-0.217	-0.409	-0.758	-1.179	-1.476	-1.404	-0.772	0.463	2.157
3491	34.90	4.010	5.668	6.843	7.408	7.426	7.100	6.674	6.339	6.114	5.944

Table 7—24—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	5.666	5.149	4.358	3.384	2.412	1.646	1.226	1.169	1.367	1.640
3511	35.10	1.802	1.736	1.422	0.921	0.327	-0.288	-0.900	-1.521	-2.160	-2.769
3521	35.20	-3.223	-3.361	-2.955	-1.990	-0.518	1.248	3.017	4.525	5.626	6.328
3531	35.30	6.756	7.057	7.293	7.389	7.158	6.394	5.008	3.168	0.999	-0.915
3541	35.40	-2.290	-2.982	-3.110	-2.992	-3.000	-3.388	-4.175	-5.151	-5.978	-6.359
3551	35.50	-6.180	-5.557	-4.782	-4.183	-3.987	-4.236	-4.807	-5.497	-6.134	-6.647
3561	35.60	-7.061	-7.434	-7.772	-7.989	-7.929	-7.451	-6.519	-5.247	-3.871	-2.648
3571	35.70	-1.733	-1.115	-0.614	0.015	0.962	2.253	3.725	5.098	6.086	6.523
3581	35.80	6.409	5.889	5.157	4.359	3.531	2.612	1.520	0.242	-1.112	-2.313
3591	35.90	-3.089	-3.227	-2.662	-1.502	0.007	1.563	2.902	3.865	4.413	4.606
3601	36.00	4.556	4.382	4.176	3.996	3.853	3.736	3.592	3.341	2.895	2.181
3611	36.10	1.171	-0.090	-1.488	-2.860	-4.036	-4.896	-5.395	-5.579	-5.556	-5.453
3621	36.20	-5.370	-5.341	-5.326	-5.224	-4.918	-4.310	-3.568	-2.135	-0.732	0.684
3631	36.30	1.955	2.976	3.713	4.211	4.567	4.882	5.224	5.599	5.954	6.205
3641	36.40	6.270	6.102	5.692	5.060	4.233	3.227	2.054	0.746	-0.628	-1.944
3651	36.50	-3.055	-3.829	-4.206	-4.233	-4.050	-3.839	-3.756	-3.864	-4.120	-4.405
3661	36.60	-4.594	-4.622	-4.518	-4.382	-4.326	-4.397	-4.539	-4.603	-4.412	-3.847
3671	36.70	-2.904	-1.709	-0.463	0.644	1.507	2.144	2.666	3.209	3.855	4.582
3681	36.80	5.276	5.779	5.970	5.813	5.373	4.775	4.142	3.542	2.963	2.343
3691	36.90	1.622	0.799	-0.041	-0.745	-1.144	-1.128	-0.695	0.040	0.879	1.618
3701	37.00	2.116	2.368	2.405	2.445	2.617	2.984	3.486	3.957	4.187	4.016
3711	37.10	3.405	2.474	1.456	0.616	0.146	0.087	0.320	0.623	0.782	0.683
3721	37.20	0.373	0.027	-0.146	-0.011	0.406	0.919	1.262	1.215	0.719	-0.086
3731	37.30	-0.909	-1.440	-1.492	-1.091	-0.471	0.035	0.150	-0.217	-0.922	-1.652
3741	37.40	-2.064	-1.947	-1.327	-0.464	0.265	0.433	-0.095	-1.282	-2.862	-4.371
3751	37.50	-5.489	-5.972	-5.805	-5.169	-4.354	-3.658	-3.285	-3.299	-3.625	-4.092
3761	37.60	-4.507	-4.724	-4.691	-4.458	-4.150	-3.910	-3.831	-3.918	-4.075	-4.147
3771	37.70	-3.984	-3.522	-2.812	-2.017	-1.341	-0.942	-0.855	-0.970	-1.079	-0.968
3781	37.80	-0.521	0.225	1.090	1.833	2.268	2.353	2.207	2.053	2.106	2.460
3791	37.90	3.033	3.601	3.893	3.721	3.072	2.114	1.136	0.424	0.150	0.322
3801	38.00	0.796	1.364	1.853	2.191	2.421	2.657	3.011	3.528	4.170	4.837
3811	38.10	5.419	5.844	6.100	6.225	6.269	6.260	6.193	6.036	5.760	5.366
3821	38.20	4.889	4.383	3.892	3.425	2.947	2.398	1.721	0.890	-0.070	-1.102
3831	38.30	-2.132	-3.103	-3.982	-4.758	-5.425	-5.960	-6.319	-6.454	-6.332	-5.987
3841	38.40	-5.430	-4.834	-4.304	-3.934	-3.752	-3.711	-3.703	-3.602	-3.309	-2.787
3851	38.50	-2.083	-1.313	-0.626	-0.165	-0.017	-0.195	-0.629	-1.192	-1.738	-2.140
3861	38.60	-2.324	-2.283	-2.065	-1.748	-1.412	-1.110	-0.856	-0.633	-0.404	-0.131
3871	38.70	0.209	0.627	1.118	1.666	2.246	2.824	3.353	3.778	4.051	4.146
3881	38.80	4.073	3.873	3.608	3.325	3.039	2.714	2.283	1.682	0.884	-0.068
3891	38.90	-1.069	-1.988	-2.715	-3.203	-3.484	-3.645	-3.784	-3.957	-4.158	-4.324
3901	39.00	-4.377	-4.272	-4.026	-3.716	-3.438	-3.264	-3.203	-3.206	-3.196	-3.120
3911	39.10	-2.988	-2.873	-2.879	-3.081	-3.479	-3.986	-4.457	-4.746	-4.770	-4.530
3921	39.20	-4.100	-3.575	-3.016	-2.420	-1.736	-0.903	0.096	1.211	2.344	3.408
3931	39.30	4.383	5.345	6.444	7.821	9.521	11.432	13.290	14.761	15.563	15.579
3941	39.40	14.911	13.839	12.718	11.837	11.317	11.077	10.888	10.475	9.632	8.289
3951	39.50	6.526	4.520	2.474	0.562	-1.103	-2.456	-3.460	-4.095	-4.360	-4.306
3961	39.60	-4.045	-3.747	-3.595	-3.711	-4.106	-4.651	-5.118	-5.266	-4.935	-4.121
3971	39.70	-2.984	-1.794	-0.833	-0.296	-0.235	-0.552	-1.061	-1.567	-1.935	-2.125
3981	39.80	-2.180	-2.183	-2.212	-2.309	-2.477	-2.696	-2.946	-3.201	-3.448	-3.653
3991	39.90	-3.759	-3.700	-3.421	-2.912	-2.230	-1.486	-0.815	-0.326	-0.061	0.022

Table 7—24—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.028	0.087	0.294	0.681	1.206	1.777	2.298	2.705	2.980	3.149
4011	40.10	3.252	3.312	3.313	3.205	2.927	2.433	1.716	0.814	-0.202	-1.254
4021	40.20	-2.283	-3.254	-4.155	-4.980	-5.709	-6.302	-6.707	-6.885	-6.834	-6.607
4031	40.30	-6.296	-6.003	-5.792	-5.654	-5.501	-5.191	-4.598	-3.675	-2.499	-1.273
4041	40.40	-0.261	0.295	0.274	-0.271	-1.126	-1.984	-2.554	-2.658	-2.270	-1.505
4051	40.50	-0.545	0.449	1.390	2.277	3.148	4.020	4.844	5.510	5.897	5.945
4061	40.60	5.705	5.336	5.040	4.966	5.140	5.440	5.652	5.574	5.116	4.348
4071	40.70	3.474	2.736	2.301	2.185	2.255	2.298	2.133	1.696	1.065	0.406
4081	40.80	-0.116	-0.420	-0.543	-0.600	-0.709	-0.910	-1.145	-1.294	-1.252	-1.008
4091	40.90	-0.667	-0.404	-0.378	-0.662	-1.104	-1.571	-1.842	-1.818	-1.556	-1.254
4101	41.00	-1.154	-1.436	-2.129	-3.114	-4.181	-5.140	-5.897	-6.478	-6.985	-7.508
4111	41.10	-8.059	-8.552	-8.847	-8.830	-8.479	-7.881	-7.183	-6.518	-5.928	-5.351
4121	41.20	-4.656	-3.731	-2.547	-1.189	0.187	1.427	2.460	3.323	4.129	4.991
4131	41.30	5.967	6.925	7.778	8.354	8.582	8.507	8.267	8.029	7.901	7.888
4141	41.40	7.908	7.864	7.622	7.250	6.807	6.390	6.045	5.734	5.354	4.803
4151	41.50	4.047	3.140	2.300	1.628	1.226	1.060	0.891	0.555	-0.134	-1.208
4161	41.60	-2.546	-3.929	-5.134	-6.021	-6.574	-6.872	-7.029	-7.116	-7.130	-7.000
4171	41.70	-6.644	-6.023	-5.167	-4.163	-3.103	-2.042	-0.974	0.144	1.350	2.619
4181	41.80	3.852	4.892	5.584	5.833	5.636	5.082	4.307	3.442	2.577	1.746
4191	41.90	0.952	0.191	-0.523	-1.158	-1.679	-2.063	-2.312	-2.437	-2.443	-2.319
4201	42.00	-2.038	-1.584	-0.979	-0.300	0.334	0.795	0.988	0.639	0.538	0.018
4211	42.10	-0.594	-1.253	-1.953	-2.702	-3.486	-4.233	-4.843	-5.203	-5.256	-5.020
4221	42.20	-4.611	-4.173	-3.822	-3.589	-3.404	-3.129	-2.626	-1.823	-0.752	0.472
4231	42.30	1.702	2.823	3.796	4.441	5.414	6.131	6.741	7.137	7.199	6.871
4241	42.40	6.201	5.347	4.527	3.937	3.680	3.728	3.944	4.143	4.177	3.982
4251	42.50	3.598	3.134	2.708	2.392	2.188	2.033	1.840	1.549	1.150	0.694
4261	42.60	0.266	-0.064	-0.267	-0.294	-0.252	-0.173	-0.089	0.011	0.173	0.449
4271	42.70	0.859	1.359	1.830	2.104	2.016	1.460	0.441	-0.914	-2.389	-3.745
4281	42.80	-4.794	-5.454	-5.766	-5.849	-5.867	-5.848	-5.867	-5.763	-5.484	-4.936
4291	42.90	-4.130	-3.161	-2.168	-1.269	-0.506	0.155	0.793	1.452	2.092	2.573
4301	43.00	2.704	2.331	1.427	0.125	-1.318	-2.615	-3.567	-4.141	-4.469	-4.768
4311	43.10	-5.230	-5.913	-6.708	-7.389	-7.721	-7.565	-6.947	-6.032	-5.042	-4.151
4321	43.20	-3.413	-2.758	-2.057	-1.207	-0.205	0.851	1.814	2.579	3.147	3.634
4331	43.30	4.216	5.028	6.090	7.277	8.368	9.144	9.484	9.414	9.090	8.712
4341	43.40	8.433	8.294	8.215	8.058	7.696	7.085	6.274	5.372	4.486	3.674
4351	43.50	2.926	2.394	1.439	0.663	-0.089	-0.757	-1.321	-1.826	-2.374	-3.074
4361	43.60	-3.975	-5.024	-6.062	-6.881	-7.304	-7.264	-6.835	-6.204	-5.602	-5.207
4371	43.70	-5.094	-5.213	-5.432	-5.605	-5.627	-5.472	-5.181	-4.827	-4.472	-4.140
4381	43.80	-3.820	-3.486	-3.122	-2.738	-2.359	-2.004	-1.654	-1.246	-0.683	0.125
4391	43.90	1.213	2.531	3.930	5.198	6.120	6.548	6.452	5.937	5.209	4.509
4401	44.00	4.024	3.823	3.832	3.866	3.699	3.159	2.196	0.914	-0.469	-1.688
4411	44.10	-2.526	-2.879	-2.774	-2.343	-1.759	-1.167	-0.666	-0.204	0.191	0.572
4421	44.20	0.940	1.264	1.500	1.624	1.657	1.662	1.718	1.882	2.161	2.503
4431	44.30	2.815	3.000	2.994	2.786	2.423	1.989	1.583	1.285	1.145	1.174
4441	44.40	1.339	1.576	1.801	1.929	1.895	1.677	1.300	0.833	0.357	-0.069
4451	44.50	-0.435	-0.785	-1.192	-1.716	-2.361	-3.058	-3.683	-4.113	-4.284	-4.232
4461	44.60	-4.085	-4.017	-4.166	-4.567	-5.142	-5.718	-6.113	-6.211	-6.018	-5.651
4471	44.70	-5.282	-5.052	-5.009	-5.090	-5.163	-5.092	-4.812	-4.351	-3.812	-3.309
4481	44.80	-2.889	-2.553	-2.168	-1.628	-0.873	0.058	1.035	1.894	2.518	2.892
4491	44.90	3.118	3.368	3.795	4.460	5.290	6.099	6.662	6.806	6.477	5.756

Table 7—24—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.824	3.882	3.083	2.487	2.065	1.742	1.450	1.174	0.953	0.863
4511	45.10	0.977	1.323	1.877	2.569	3.310	4.025	4.660	5.193	5.614	5.914
4521	45.20	6.079	6.083	5.902	5.519	4.932	4.159	3.241	2.243	1.257	0.389
4531	45.30	-0.256	-0.614	-0.686	-0.550	-0.365	-0.308	-0.517	-1.038	-1.797	-2.624
4541	45.40	-3.316	-3.728	-3.828	-3.715	-3.573	-3.590	-3.869	-4.386	-5.001	-5.523
4551	45.50	-5.799	-5.782	-5.549	-5.256	-5.063	-5.059	-5.226	-5.456	-5.602	-5.561
4561	45.60	-5.299	-4.862	-4.336	-3.797	-3.275	-2.757	-2.209	-1.625	-1.065	-0.545
4571	45.70	-0.203	-0.045	-0.018	-0.004	0.141	0.520	1.149	1.952	2.796	3.552
4581	45.80	4.149	4.600	4.979	5.369	5.810	6.270	6.654	6.853	6.795	6.486
4591	45.90	6.008	5.485	5.027	4.692	4.469	4.299	4.117	3.886	3.621	3.368
4601	46.00	3.175	3.058	2.983	2.880	2.676	2.326	1.842	1.276	0.699	0.153
4611	46.10	-0.365	-0.914	-1.570	-2.390	-3.373	-4.443	-5.469	-6.309	-6.859	-7.092
4621	46.20	-7.066	-6.894	-6.705	-6.585	-6.552	-6.543	-6.445	-6.130	-5.505	-4.540
4631	46.30	-3.276	-1.816	-0.295	1.150	2.403	3.384	4.055	4.415	4.500	4.372
4641	46.40	4.114	3.817	3.564	3.408	3.354	3.356	3.328	3.164	2.780	2.148
4651	46.50	1.312	0.391	-0.456	-1.070	-1.364	-1.258	-0.886	-0.373	0.106	0.397
4661	46.60	0.411	0.161	-0.341	-0.921	-1.473	-1.897	-2.139	-2.190	-2.077	-1.847
4671	46.70	-1.554	-1.250	-0.980	-0.781	-0.674	-0.658	-0.704	-0.758	-0.753	-0.633
4681	46.80	-0.380	-0.024	0.354	0.646	0.749	0.603	0.212	-0.355	-0.986	-1.559
4691	46.90	-1.972	-2.168	-2.134	-1.887	-1.458	-0.879	-0.184	0.589	1.380	2.108
4701	47.00	2.684	3.026	3.094	2.901	2.522	2.068	1.657	1.377	1.259	1.273
4711	47.10	1.340	1.372	1.304	1.124	0.882	0.676	0.616	0.785	1.204	1.814
4721	47.20	2.490	3.068	3.398	3.387	3.023	2.378	1.578	0.760	0.030	-0.569
4731	47.30	-1.054	-1.484	-1.925	-2.414	-2.946	-3.489	-3.983	-4.393	-4.710	-4.959
4741	47.40	-5.160	-5.405	-5.642	-5.867	-6.037	-6.110	-6.070	-5.932	-5.741	-5.550
4751	47.50	-5.398	-5.294	-5.212	-5.103	-4.914	-4.612	-4.193	-3.682	-3.122	-2.551
4761	47.60	-1.991	-1.434	-0.854	-0.218	0.504	1.304	2.155	3.000	3.773	4.409
4771	47.70	4.861	5.100	5.123	4.953	4.633	4.231	3.838	3.551	3.454	3.593
4781	47.80	3.967	4.424	4.877	5.143	5.106	4.748	4.128	3.450	2.914	2.690
4791	47.90	2.841	3.305	3.915	4.463	4.774	4.762	4.443	3.917	3.314	2.749
4801	48.00	2.292	1.971	1.787	1.732	1.798	1.960	2.165	2.330	2.356	2.172
4811	48.10	1.772	1.234	0.695	0.301	0.135	0.179	0.308	0.347	0.146	-0.348
4821	48.20	-1.868	-1.856	-2.524	-2.958	-3.139	-3.157	-3.147	-3.225	-3.435	-3.734
4831	48.30	-4.035	-4.257	-4.377	-4.434	-4.497	-4.618	-4.786	-4.921	-4.912	-4.664
4841	48.40	-4.154	-3.638	-2.627	-1.832	-1.119	-0.490	0.004	0.669	1.224	1.688
4851	48.50	1.961	1.966	1.699	1.254	0.787	0.462	0.375	0.516	0.774	0.988
4861	48.60	1.019	0.803	0.374	-0.165	-0.693	-1.122	-1.424	-1.626	-1.768	-1.874
4871	48.70	-1.933	-1.904	-1.753	-1.480	-1.135	-0.800	-0.554	-0.432	-0.408	-0.399
4881	48.80	-0.311	-0.077	0.298	0.740	1.134	1.375	1.416	1.295	1.123	1.032
4891	48.90	1.123	1.416	1.834	2.231	2.468	2.375	1.996	1.398	0.733	0.162
4901	49.00	-0.209	-0.363	-0.367	-0.333	-0.358	-0.472	-0.629	-0.725	-0.655	-0.372
4911	49.10	0.086	0.601	1.023	1.241	1.232	1.075	0.913	0.893	1.094	1.486
4921	49.20	1.948	2.315	2.452	2.312	1.950	1.498	1.098	0.847	0.756	0.761
4931	49.30	0.760	0.667	0.446	0.125	-0.233	-0.563	-0.828	-1.025	-1.175	-1.299
4941	49.40	-1.397	-1.454	-1.454	-1.403	-1.338	-1.315	-1.381	-1.541	-1.745	-1.903
4951	49.50	-1.925	-1.774	-1.490	-1.186	-1.007	-1.068	-1.396	-1.919	-2.487	-2.938
4961	49.60	-3.162	-3.139	-2.943	-2.697	-2.514	-2.445	-2.468	-2.503	-2.466	-2.312
4971	49.70	-2.050	-1.737	-1.433	-1.163	-0.896	-0.558	-0.073	0.593	1.404	2.257
4981	49.80	3.017	3.576	3.888	3.991	3.981	3.974	4.052	4.241	4.501	4.756
4991	49.90	4.926	4.956	4.827	4.545	4.128	3.590	2.940	2.193	1.386	0.580

Table 7—24—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.140	-0.698	-1.049	-1.197	-1.199	-1.162	-1.107	-1.138	-1.225	-1.314
5011	50.10	-1.328	-1.206	-0.925	-0.508	-0.014	0.490	0.951	1.345	1.671	1.962
5021	50.20	2.160	2.312	2.371	2.314	2.136	1.871	1.581	1.343	1.222	1.239
5031	50.30	1.364	1.514	1.582	1.468	1.109	0.502	-0.294	-1.174	-2.015	-2.702
5041	50.40	-3.155	-3.344	-3.291	-3.062	-2.753	-2.471	-2.314	-2.344	-2.579	-2.979
5051	50.50	-3.469	-3.906	-4.210	-4.302	-4.176	-3.895	-3.570	-3.327	-3.253	-3.365
5061	50.60	-3.599	-3.828	-3.911	-3.741	-3.293	-2.630	-1.879	-1.189	-0.670	-0.361
5071	50.70	-0.227	-0.184	-0.149	-0.081	0.003	0.043	-0.020	-0.204	-0.457	-0.665
5081	50.80	-0.702	-0.479	0.001	0.657	1.263	1.709	1.871	1.750	1.452	1.138
5091	50.90	0.954	0.967	1.141	1.353	1.457	1.344	1.000	0.506	0.008	-0.341
5101	51.00	-0.444	-0.290	0.069	0.456	0.818	1.071	1.217	1.315	1.457	1.728
5111	51.10	2.179	2.812	3.577	4.382	5.111	5.652	5.915	5.862	5.519	4.974
5121	51.20	4.360	3.811	3.425	3.225	3.156	3.107	2.961	2.638	2.137	1.529
5131	51.30	0.928	0.444	0.134	-0.011	-0.059	-0.097	-0.196	-0.374	-0.611	-0.850
5141	51.40	-1.040	-1.152	-1.186	-1.163	-1.100	-1.003	-0.866	-0.680	-0.453	-0.209
5151	51.50	0.010	0.165	0.235	0.221	0.146	0.039	-0.077	-0.186	-0.278	-0.334
5161	51.60	-0.327	-0.234	-0.060	0.145	0.281	0.229	-0.103	-0.729	-1.562	-2.432
5171	51.70	-3.160	-3.546	-3.612	-3.443	-3.219	-3.129	-3.281	-3.656	-4.115	-4.468
5181	51.80	-4.552	-4.325	-3.826	-3.192	-2.555	-1.993	-1.494	-0.994	-0.425	0.218
5191	51.90	0.864	1.387	1.669	1.666	1.428	1.083	0.768	0.562	0.446	0.320
5201	52.00	0.063	-0.388	-0.989	-1.596	-2.024	-2.135	-1.908	-1.452	-0.960	-0.615
5211	52.10	-0.510	-0.605	-0.754	-0.780	-0.568	-0.116	0.461	0.996	1.352	1.485
5221	52.20	1.458	1.401	1.431	1.587	1.811	1.977	1.965	1.727	1.321	0.884
5231	52.30	0.566	0.449	0.507	0.611	0.596	0.344	-0.157	-0.797	-1.394	-1.776
5241	52.40	-1.857	-1.676	-1.371	-1.115	-1.035	-1.162	-1.425	-1.689	-1.822	-1.752
5251	52.50	-1.479	-1.063	-0.601	-0.140	0.292	0.693	1.059	1.361	1.538	1.526
5261	52.60	1.298	0.890	0.404	-0.024	-0.271	-0.278	-0.071	0.260	0.601	0.870
5271	52.70	1.044	1.162	1.294	1.494	1.773	2.085	2.357	2.519	2.536	2.413
5281	52.80	2.184	1.879	1.502	1.031	0.439	-0.273	-1.052	-1.795	-2.375	-2.689
5291	52.90	-2.700	-2.451	-2.054	-1.636	-1.296	-1.066	-0.908	-0.744	-0.498	-0.139
5301	53.00	0.308	0.767	1.150	1.393	1.474	1.422	1.291	1.133	0.982	0.861
5311	53.10	0.698	0.534	0.368	0.152	-0.030	-0.170	-0.249	-0.256	-0.184	-0.027
5321	53.20	0.223	0.563	0.971	1.396	1.761	1.982	1.998	1.794	1.418	0.973
5331	53.30	0.583	0.355	0.336	0.499	0.750	0.967	1.043	0.930	0.657	0.320
5341	53.40	0.045	-0.054	0.076	0.412	0.864	1.302	1.601	1.684	1.542	1.233
5351	53.50	0.860	0.534	0.340	0.311	0.431	0.645	0.888	1.111	1.298	1.462
5361	53.60	1.637	1.845	2.084	2.312	2.461	2.453	2.236	1.801	1.191	0.491
5371	53.70	-0.198	-0.795	-1.260	-1.602	-1.867	-2.113	-2.379	-2.665	-2.931	-3.116
5381	53.80	-3.166	-3.062	-2.835	-2.560	-2.331	-2.230	-2.299	-2.523	-2.869	-3.198
5391	53.90	-3.508	-3.747	-3.924	-4.076	-4.244	-4.449	-4.682	-4.907	-5.078	-5.165
5401	54.00	-5.158	-5.078	-4.956	-4.816	-4.657	-4.450	-4.152	-3.724	-3.151	-2.447
5411	54.10	-1.648	-0.793	0.095	1.014	1.974	2.976	3.985	4.927	5.704	6.228
5421	54.20	6.456	6.415	6.196	5.918	5.676	5.504	5.361	5.159	4.808	4.274
5431	54.30	3.604	2.908	2.317	1.920	1.723	1.650	1.580	1.410	1.104	0.704
5441	54.40	0.301	-0.021	-0.247	-0.438	-0.707	-1.148	-1.769	-2.665	-3.041	-3.294
5451	54.50	-3.100	-2.477	-1.584	-0.655	0.102	0.582	0.825	0.968	1.168	1.511
5461	54.60	1.966	2.408	2.686	2.710	2.503	2.188	1.922	1.813	1.858	1.942
5471	54.70	1.910	1.652	1.176	0.620	0.187	0.048	0.247	0.669	1.085	1.250
5481	54.80	1.023	0.427	-0.355	-1.068	-1.495	-1.553	-1.316	-0.973	-0.730	-0.719
5491	54.90	-0.951	-1.323	-1.687	-1.927	-2.012	-1.999	-1.991	-2.080	-2.295	-2.589

Table 7—24—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.862	-3.011	-2.972	-2.742	-2.377	-1.964	-1.596	-1.340	-1.229	-1.256
5511	55.10	-1.372	-1.491	-1.503	-1.300	-0.809	-0.037	0.919	1.881	2.645	3.054
5521	55.20	3.060	2.752	2.319	1.973	1.855	1.970	2.181	2.275	2.055	1.443
5531	55.30	0.517	-0.511	-1.384	-1.902	-1.996	-1.743	-1.319	-0.910	-0.641	-0.535
5541	55.40	-0.531	-0.543	-0.517	-0.465	-0.453	-0.559	-0.820	-1.207	-1.635	-1.996
5551	55.50	-2.215	-2.272	-2.206	-2.083	-1.955	-1.841	-1.727	-1.589	-1.426	-1.275
5561	55.60	-1.194	-1.231	-1.385	-1.589	-1.734	-1.710	-1.667	-1.041	-0.547	-0.135
5571	55.70	0.083	0.088	-0.037	-0.133	-0.041	0.329	0.952	1.692	2.355	2.761
5581	55.80	2.810	2.518	1.999	1.419	0.930	0.624	0.515	0.540	0.620	0.667
5591	55.90	0.630	0.493	0.269	-0.016	-0.332	-0.648	-0.931	-1.139	-1.224	-1.144
5601	56.00	-0.875	-0.425	0.161	0.810	1.440	1.977	2.374	2.621	2.736	2.758
5611	56.10	2.726	2.679	2.627	2.566	2.476	2.326	2.087	1.745	1.310	0.823
5621	56.20	0.356	-0.006	-0.188	-0.158	0.057	0.370	0.651	0.779	0.683	0.378
5631	56.30	-0.032	-0.391	-0.546	-0.415	-0.017	0.530	1.056	1.415	1.540	1.474
5641	56.40	1.343	1.292	1.417	1.708	2.056	2.298	2.297	2.003	1.484	0.888
5651	56.50	0.381	0.062	-0.075	-0.145	-0.303	-0.672	-1.277	-2.023	-2.737	-3.237
5661	56.60	-3.612	-3.265	-2.905	-2.497	-2.190	-2.060	-2.093	-2.206	-2.297	-2.299
5671	56.70	-2.204	-2.066	-1.968	-1.985	-2.153	-2.461	-2.851	-3.241	-3.542	-3.675
5681	56.80	-3.582	-3.243	-2.682	-1.977	-1.243	-0.609	-0.172	0.039	0.086	0.105
5691	56.90	0.258	0.660	1.329	2.166	2.983	3.582	3.833	3.732	3.399	3.032
5701	57.00	2.813	2.833	3.051	3.320	3.458	3.336	2.944	2.404	1.912	1.661
5711	57.10	1.751	2.142	2.672	3.115	3.273	3.054	2.498	1.758	1.036	0.503
5721	57.20	0.238	0.210	0.294	0.335	0.200	-0.166	-0.730	-1.385	-1.995	-2.439
5731	57.30	-2.655	-2.656	-2.515	-2.340	-2.232	-2.252	-2.399	-2.615	-2.809	-2.887
5741	57.40	-2.790	-2.508	-2.086	-1.603	-1.141	-0.757	-0.488	-0.247	-0.045	0.184
5751	57.50	0.460	0.771	1.072	1.309	1.436	1.436	1.316	1.102	0.824	0.501
5761	57.60	0.137	-0.266	-0.704	-1.151	-1.566	-1.900	-2.112	-2.191	-2.157	-2.055
5771	57.70	-1.940	-1.849	-1.799	-1.777	-1.760	-1.728	-1.678	-1.615	-1.548	-1.465
5781	57.80	-1.326	-1.074	-0.661	-0.072	0.647	1.397	2.049	2.495	2.687	2.653
5791	57.90	2.488	2.307	2.195	2.171	2.181	2.133	1.948	1.604	1.154	0.712
5801	58.00	0.402	0.304	0.426	0.703	1.027	1.295	1.450	1.489	1.450	1.378
5811	58.10	1.301	1.222	1.127	1.009	0.882	0.774	0.706	0.664	0.593	0.411
5821	58.20	0.048	-0.504	-1.179	-1.845	-2.361	-2.642	-2.701	-2.649	-2.649	-2.833
5831	58.30	-3.237	-3.778	-4.285	-4.579	-4.552	-4.218	-3.702	-3.176	-2.780	-2.555
5841	58.40	-2.435	-2.293	-2.008	-1.532	-0.915	-0.266	0.299	0.926	1.044	1.362
5851	58.50	1.719	2.219	2.808	3.386	3.865	4.122	4.228	4.242	4.259	4.334
5861	58.60	4.452	4.555	4.487	4.252	3.850	3.380	2.971	2.726	2.676	2.766
5871	58.70	2.885	2.914	2.781	2.474	2.037	1.529	0.999	0.462	-0.085	-0.647
5881	58.80	-1.205	-1.713	-2.119	-2.393	-2.546	-2.631	-2.719	-2.866	-3.085	-3.339
5891	58.90	-3.562	-3.698	-3.727	-3.679	-3.618	-3.611	-3.692	-3.846	-4.015	-4.130
5901	59.00	-4.137	-4.025	-3.825	-3.598	-3.401	-3.269	-3.192	-3.125	-3.000	-2.747
5911	59.10	-2.318	-1.706	-0.944	-0.105	0.719	1.441	2.005	2.406	2.681	2.898
5921	59.20	3.114	3.347	3.561	3.675	3.599	3.278	2.727	2.030	1.319	0.725
5931	59.30	0.324	0.129	0.088	0.124	0.177	0.224	0.278	0.360	0.473	0.587
5941	59.40	0.654	0.641	0.559	0.473	0.471	0.619	0.915	1.270	1.538	1.581
5951	59.50	1.332	0.839	0.253	-0.233	-0.481	-0.365	0.011	0.549	1.120	1.646
5961	59.60	2.119	2.584	3.088	3.634	4.169	4.604	4.863	4.925	4.835	4.674
5971	59.70	4.509	4.346	4.115	3.911	3.044	2.110	1.093	-0.108	-1.045	-1.691
5981	59.80	-2.036	-2.167	-2.220	-2.306	-2.467	-2.661	-2.795	-2.781	-2.584	-2.238
5991	59.90	-1.831	-1.459	-1.193	-1.058	-1.044	-1.120	-1.283	-1.459	-1.693	-1.931

Table 7—24—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.116	-2.183	-2.099	-1.842	-1.507	-1.194	-1.015	-1.032	-1.235	-1.542
6011	60.10	-1.839	-2.024	-2.051	-1.936	-1.744	-1.548	-1.398	-1.304	-1.258	-1.243
6021	60.20	-1.262	-1.329	-1.457	-1.630	-1.789	-1.840	-1.696	-1.311	-0.715	-0.003
6031	60.30	0.694	1.268	1.676	1.951	2.178	2.436	2.751	3.073	3.288	3.278
6041	60.40	2.978	2.414	1.706	1.020	0.506	0.240	0.203	0.302	0.418	0.459
6051	60.50	0.400	0.275	0.165	0.059	0.019	-0.021	-0.127	-0.349	-0.689	-1.090
6061	60.60	-1.467	-1.732	-1.843	-1.807	-1.678	-1.521	-1.383	-1.271	-1.156	-0.995
6071	60.70	-0.757	-0.445	-0.093	0.246	0.529	0.736	0.874	0.965	1.026	1.056
6081	60.80	1.034	0.929	0.717	0.396	-0.012	-0.472	-0.952	-1.428	-1.894	-2.365
6091	60.90	-2.768	-3.132	-3.392	-3.502	-3.431	-3.178	-2.770	-2.256	-1.683	-1.095
6101	61.00	-0.518	0.025	0.512	0.916	1.212	1.391	1.473	1.504	1.545	1.645
6111	61.10	1.819	2.036	2.232	2.338	2.321	2.197	2.039	1.960	1.979	2.177
6121	61.20	2.491	2.821	3.053	3.099	2.930	2.581	2.136	1.695	1.346	1.143
6131	61.30	1.100	1.196	1.383	1.596	1.758	1.798	1.664	1.339	0.861	0.316
6141	61.40	-0.184	-0.539	-0.697	-0.683	-0.590	-0.542	-0.646	-0.940	-1.381	-1.857
6151	61.50	-2.243	-2.451	-2.473	-2.378	-2.284	-2.297	-2.467	-2.761	-3.082	-3.310
6161	61.60	-3.357	-3.199	-2.884	-2.505	-2.154	-1.887	-1.703	-1.556	-1.387	-1.156
6171	61.70	-0.866	-0.558	-0.206	-0.118	-0.019	0.006	0.015	0.063	0.166	0.302
6181	61.80	0.416	0.455	0.587	0.229	0.042	-0.095	-0.114	0.009	0.242	0.512
6191	61.90	0.739	0.870	0.903	0.892	0.915	1.040	1.285	1.605	1.909	2.090
6201	62.00	2.075	1.852	1.475	1.038	0.637	0.330	0.121	-0.026	-0.165	-0.326
6211	62.10	-0.500	-0.636	-0.671	-0.558	-0.292	0.083	0.493	0.859	1.130	1.296
6221	62.20	1.378	1.426	1.485	1.584	1.731	1.916	2.119	2.311	2.465	2.548
6231	62.30	2.533	2.401	2.255	1.818	1.316	0.862	0.741	0.499	0.334	0.226
6241	62.40	0.245	0.061	-0.052	-0.219	-0.469	-0.825	-1.299	-1.868	-2.468	-3.001
6251	62.50	-3.364	-3.486	-3.364	-3.070	-2.725	-2.454	-2.323	-2.317	-2.343	-2.277
6261	62.60	-2.026	-1.571	-0.978	-0.363	0.166	0.561	0.850	1.107	1.398	1.729
6271	62.70	2.031	2.185	2.093	1.738	1.212	0.692	0.360	0.322	0.556	0.913
6281	62.80	1.189	1.212	0.924	0.403	-0.176	-0.620	-0.803	-0.712	-0.434	-0.107
6291	62.90	0.152	0.294	0.336	0.335	0.353	0.328	0.277	0.122	-0.164	-0.551
6301	63.00	-0.963	-1.308	-1.526	-1.616	-1.631	-1.643	-1.703	-1.807	-1.901	-1.912
6311	63.10	-1.793	-1.554	-1.261	-1.007	-0.863	-0.838	-0.876	-0.878	-0.753	-0.462
6321	63.20	-0.043	0.405	0.761	0.932	0.889	0.679	0.398	0.160	0.051	0.110
6331	63.30	0.321	0.628	0.959	1.247	1.451	1.558	1.585	1.569	1.551	1.567
6341	63.40	1.633	1.745	1.876	1.993	2.068	2.088	2.058	1.996	1.917	1.825
6351	63.50	1.711	1.560	1.370	1.163	0.986	0.903	0.960	1.164	1.465	1.764
6361	63.60	1.965	1.907	1.610	1.081	0.406	-0.300	-0.937	-1.450	-1.837	-2.144
6371	63.70	-2.331	-2.744	-3.089	-3.427	-3.689	-3.797	-3.695	-3.371	-2.863	-2.256
6381	63.80	-1.654	-1.155	-0.827	-0.685	-0.698	-0.803	-0.932	-1.041	-1.127	-1.226
6391	63.90	-1.395	-1.681	-2.093	-2.588	-3.079	-3.463	-3.648	-3.590	-3.298	-2.828
6401	64.00	-2.256	-1.650	-1.050	-0.461	0.136	0.763	1.428	2.109	2.763	3.332
6411	64.10	3.760	4.010	4.070	3.955	3.702	3.363	2.993	2.636	2.322	2.059
6421	64.20	1.833	1.623	1.405	1.170	0.925	0.694	0.503	0.366	0.275	0.198
6431	64.30	0.094	-0.073	-0.309	-0.586	-0.846	-1.024	-1.073	-0.990	-0.812	-0.609
6441	64.40	-0.447	-0.362	-0.339	-0.313	-0.199	0.077	0.535	1.127	1.742	2.241
6451	64.50	2.505	2.475	2.177	1.710	1.208	0.794	0.529	0.394	0.300	0.129
6461	64.60	-0.214	-0.759	-1.455	-2.190	-2.834	-3.290	-3.524	-3.570	-3.504	-3.398
6471	64.70	-3.281	-3.128	-2.878	-2.469	-1.886	-1.179	-0.457	0.155	0.563	0.745
6481	64.80	0.753	0.686	0.645	0.685	0.793	0.900	0.923	0.808	0.562	0.252
6491	64.90	-0.026	-0.190	-0.204	-0.094	0.072	0.222	0.309	0.329	0.314	0.307

Table 7—24—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.334	0.391	0.453	0.495	0.513	0.537	0.620	0.806	1.107	1.485
6511	65.10	1.856	2.120	2.195	2.044	1.690	1.200	0.662	0.162	-0.235	-0.492
6521	65.20	-0.590	-0.528	-0.320	0.002	0.383	0.750	1.028	1.163	1.142	1.006
6531	65.30	0.836	0.723	0.736	0.891	1.143	1.402	1.566	1.562	1.371	1.036
6541	65.40	0.663	0.292	0.063	-0.007	0.066	0.229	0.408	0.536	0.572	0.511
6551	65.50	0.385	0.248	0.160	0.161	0.261	0.430	0.608	0.728	0.741	0.634
6561	65.60	0.440	0.221	0.067	-0.044	-0.058	-0.051	-0.110	-0.312	-0.698	-1.249
6571	65.70	-1.894	-2.535	-3.082	-3.478	-3.716	-3.829	-3.867	-3.881	-3.900	-3.936
6581	65.80	-3.986	-4.038	-4.076	-4.077	-4.004	-3.806	-3.436	-2.870	-2.130	-1.294
6591	65.90	-0.483	0.170	0.567	0.684	0.580	0.380	0.230	0.237	0.435	0.772
6601	66.00	1.138	1.420	1.549	1.533	1.452	1.419	1.528	1.811	2.220	2.648
6611	66.10	2.976	3.124	3.076	2.890	2.654	2.449	2.305	2.193	2.042	1.782
6621	66.20	1.384	0.885	0.371	-0.056	-0.324	-0.428	-0.425	-0.405	-0.447	-0.576
6631	66.30	-0.749	-0.878	-0.875	-0.696	-0.369	0.014	0.339	0.514	0.511	0.370
6641	66.40	0.176	0.014	-0.067	-0.087	-0.090	-0.148	-0.291	-0.500	-0.711	-0.850
6651	66.50	-0.866	-0.762	-0.587	-0.418	-0.319	-0.315	-0.377	-0.448	-0.464	-0.394
6661	66.60	-0.248	-0.073	0.073	0.148	0.148	0.106	0.080	0.121	0.257	0.478
6671	66.70	0.743	0.996	1.183	1.273	1.261	1.174	1.051	0.934	0.853	0.815
6681	66.80	0.801	0.778	0.705	0.560	0.343	0.085	-0.162	-0.345	-0.429	-0.413
6691	66.90	-0.325	-0.215	-0.127	-0.085	-0.080	-0.082	-0.056	0.020	0.138	0.272
6701	67.00	0.388	0.462	0.496	0.515	0.549	0.620	0.719	0.815	0.859	0.813
6711	67.10	0.660	0.415	0.118	-0.186	-0.458	-0.684	-0.868	-1.029	-1.189	-1.362
6721	67.20	-1.555	-1.766	-1.980	-2.186	-2.364	-2.487	-2.533	-2.483	-2.339	-2.121
6731	67.30	-1.863	-1.606	-1.383	-1.201	-1.048	-0.892	-0.701	-0.451	-0.141	0.213
6741	67.40	0.581	0.929	1.226	1.446	1.569	1.583	1.487	1.302	1.066	0.833
6751	67.50	0.656	0.571	0.582	0.661	0.761	0.838	0.871	0.871	0.874	0.916
6761	67.60	1.014	1.156	1.304	1.418	1.479	1.504	1.539	1.635	1.820	2.080
6771	67.70	2.359	2.582	2.684	2.640	2.468	2.215	1.931	1.643	1.345	1.010
6781	67.80	0.611	0.145	-0.357	-0.841	-1.249	-1.566	-1.724	-1.803	-1.812	-1.774
6791	67.90	-1.699	-1.592	-1.469	-1.363	-1.325	-1.398	-1.596	-1.884	-2.180	-2.388
6801	68.00	-2.437	-2.314	-2.076	-1.829	-1.680	-1.696	-1.869	-2.126	-2.359	-2.478
6811	68.10	-2.445	-2.288	-2.079	-1.896	-1.781	-1.722	-1.668	-1.555	-1.349	-1.066
6821	68.20	-0.764	-0.517	-0.375	-0.330	-0.317	-0.231	0.025	0.502	1.177	1.954
6831	68.30	2.698	3.275	3.599	3.654	3.495	3.224	2.947	2.744	2.639	2.605
6841	68.40	2.571	2.466	2.228	1.848	1.355	0.805	0.260	-0.232	-0.652	-1.007
6851	68.50	-1.314	-1.583	-1.809	-1.967	-2.025	-1.966	-1.795	-1.543	-1.263	-1.004
6861	68.60	-0.802	-0.665	-0.582	-0.526	-0.481	-0.425	-0.355	-0.262	-0.139	0.025
6871	68.70	0.233	0.467	0.689	0.843	0.878	0.768	0.531	0.224	-0.079	-0.311
6881	68.80	-0.440	-0.479	-0.470	-0.458	-0.463	-0.470	-0.437	-0.320	-0.109	0.167
6891	68.90	0.446	0.662	0.779	0.810	0.805	0.827	0.905	1.019	1.097	1.057
6901	69.00	0.846	0.480	0.044	-0.340	-0.566	-0.583	-0.433	-0.213	-0.035	0.029
6911	69.10	-0.025	-0.132	-0.204	-0.174	-0.037	0.153	0.308	0.356	0.282	0.127
6921	69.20	-0.025	-0.089	-0.066	0.042	0.153	0.190	0.119	-0.036	-0.202	-0.294
6931	69.30	-0.256	-0.088	0.158	0.400	0.566	0.619	0.565	0.435	0.263	0.065
6941	69.40	-0.162	-0.428	-0.730	-1.039	-1.309	-1.494	-1.571	-1.554	-1.483	-1.410
6951	69.50	-1.362	-1.331	-1.274	-1.134	-0.871	-0.486	-0.021	0.457	0.883	1.219
6961	69.60	1.460	1.629	1.757	1.865	1.962	2.047	2.130	2.231	2.374	2.573
6971	69.70	2.807	3.016	3.115	3.024	2.709	2.203	1.606	1.024	0.579	0.308
6981	69.80	0.179	0.104	-0.018	-0.249	-0.588	-0.967	-1.285	-1.453	-1.429	-1.235
6991	69.90	-0.937	-0.620	-0.346	-0.146	-0.014	0.073	0.135	0.182	0.210	0.219

Table 7—24—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.212	0.205	0.207	0.215	0.202	0.126	-0.048	-0.326	-0.677	-1.035
7011	70.10	-1.330	-1.517	-1.598	-1.621	-1.660	-1.769	-1.959	-2.187	-2.373	-2.441
7021	70.20	-2.357	-2.144	-1.872	-1.624	-1.452	-1.355	-1.283	-1.162	-0.943	-0.527
7031	70.30	-0.270	0.044	0.244	0.315	0.302	0.296	0.385	0.611	0.944	1.294
7041	70.40	1.546	1.617	1.488	1.215	0.907	0.673	0.584	0.648	0.816	1.015
7051	70.50	1.183	1.300	1.388	1.494	1.654	1.874	2.120	2.333	2.455	2.458
7061	70.60	2.352	2.180	1.995	1.833	1.699	1.564	1.379	1.102	0.711	0.222
7071	70.70	-0.324	-0.866	-1.349	-1.733	-2.003	-2.170	-2.264	-2.323	-2.384	-2.472
7081	70.80	-2.593	-2.731	-2.851	-2.911	-2.877	-2.739	-2.518	-2.259	-2.020	-1.847
7091	70.90	-1.753	-1.714	-1.681	-1.597	-1.431	-1.186	-0.902	-0.632	-0.420	-0.271
7101	71.00	-0.149	0.005	0.249	0.606	1.048	1.503	1.883	2.115	2.166	2.055
7111	71.10	1.840	1.591	1.368	1.208	1.122	1.106	1.147	1.230	1.330	1.413
7121	71.20	1.428	1.331	1.096	0.739	0.319	-0.078	-0.373	-0.530	-0.574	-0.582
7131	71.30	-0.646	-0.831	-1.140	-1.509	-1.838	-2.040	-2.090	-2.040	-1.998	-2.075
7141	71.40	-2.330	-2.333	-3.174	-3.506	-3.613	-3.456	-3.083	-2.611	-2.158	-1.787
7151	71.50	-1.487	-1.184	-0.787	-0.247	0.412	1.092	1.588	2.088	2.269	2.277
7161	71.60	2.206	2.151	2.161	2.224	2.282	2.270	2.158	1.972	1.781	1.663
7171	71.70	1.665	1.773	1.920	2.011	1.972	1.777	1.463	1.107	0.792	0.573
7181	71.80	0.457	0.407	0.374	0.320	0.241	0.167	0.139	0.189	0.313	0.469
7191	71.90	0.594	0.628	0.543	0.353	0.112	-0.108	-0.246	-0.272	-0.200	-0.074
7201	72.00	0.047	0.113	0.100	0.010	-0.139	-0.323	-0.529	-0.757	-1.008	-1.280
7211	72.10	-1.568	-1.770	-1.895	-1.879	-1.708	-1.405	-1.020	-0.618	-0.249	0.068
7221	72.20	0.368	0.626	0.934	1.282	1.646	1.978	2.224	2.351	2.360	2.281
7231	72.30	2.158	2.024	1.885	1.721	1.502	1.211	0.862	0.500	0.186	-0.031
7241	72.40	-0.142	-0.182	-0.217	-0.313	-0.504	-0.774	-1.062	-1.287	-1.386	-1.336
7251	72.50	-1.166	-0.939	-0.719	-0.548	-0.429	-0.329	-0.211	-0.050	0.142	0.326
7261	72.60	0.452	0.486	0.418	0.290	0.155	0.067	0.056	0.118	0.216	0.300
7271	72.70	0.326	0.267	0.122	-0.095	-0.362	-0.659	-0.968	-1.268	-1.541	-1.762
7281	72.80	-1.904	-1.953	-1.910	-1.792	-1.631	-1.456	-1.286	-1.122	-0.948	-0.750
7291	72.90	-0.519	-0.266	-0.019	0.194	0.355	0.473	0.580	0.721	0.931	1.211
7301	73.00	1.523	1.798	1.958	1.951	1.772	1.470	1.130	0.839	0.654	0.582
7311	73.10	0.579	0.581	0.536	0.432	0.300	0.204	0.199	0.306	0.491	0.680
7321	73.20	0.794	0.780	0.664	0.442	0.257	0.153	0.145	0.192	0.215	0.142
7331	73.30	-0.054	-0.363	-0.642	-0.865	-0.956	-0.923	-0.830	-0.768	-0.808	-0.965
7341	73.40	-1.197	-1.422	-1.564	-1.583	-1.492	-1.342	-1.187	-1.053	-0.922	-0.753
7351	73.50	-0.510	-0.198	0.125	0.365	0.433	0.288	-0.042	-0.459	-0.841	-1.089
7361	73.60	-1.158	-1.076	-0.911	-0.739	-0.608	-0.518	-0.438	-0.334	-0.193	-0.033
7371	73.70	0.111	0.214	0.285	0.368	0.522	0.786	1.146	1.536	1.845	1.982
7381	73.80	1.902	1.637	1.280	0.951	0.741	0.683	0.740	0.830	0.869	0.806
7391	73.90	0.637	0.400	0.145	-0.094	-0.307	-0.506	-0.702	-0.886	-1.025	-1.072
7401	74.00	-0.992	-0.790	-0.511	-0.236	-0.045	0.015	-0.055	-0.195	-0.319	-0.339
7411	74.10	-0.198	0.113	0.553	1.046	1.502	1.839	1.999	1.958	1.732	1.370
7421	74.20	0.968	0.544	0.221	0.003	-0.129	-0.230	-0.368	-0.588	-0.889	-1.220
7431	74.30	-1.492	-1.620	-1.560	-1.325	-0.990	-0.662	-0.434	-0.355	-0.414	-0.553
7441	74.40	-0.695	-0.783	-0.803	-0.781	-0.766	-0.805	-0.916	-1.086	-1.275	-1.441
7451	74.50	-1.549	-1.589	-1.570	-1.514	-1.442	-1.369	-1.302	-1.237	-1.167	-1.074
7461	74.60	-0.962	-0.756	-0.514	-0.234	0.044	0.265	0.381	0.363	0.222	-0.002
7471	74.70	-0.251	-0.479	-0.669	-0.839	-1.022	-1.237	-1.467	-1.653	-1.715	-1.591
7481	74.80	-1.269	-0.805	-0.306	0.121	0.408	0.566	0.668	0.826	1.115	1.541
7491	74.90	2.029	2.452	2.692	2.693	2.488	2.182	1.903	1.747	1.732	1.802

Table 7—24—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.859	1.814	1.631	1.343	1.028	0.774	0.636	0.614	0.660	0.706
7511	75.10	0.694	0.601	0.439	0.244	0.058	-0.091	-0.183	-0.215	-0.182	-0.088
7521	75.20	0.059	0.234	0.405	0.532	0.592	0.587	0.550	0.534	0.592	0.753
7531	75.30	1.007	1.314	1.614	1.856	2.008	2.064	2.037	1.945	1.805	1.630
7541	75.40	1.437	1.250	1.100	1.015	1.001	1.035	1.069	1.051	0.944	0.752
7551	75.50	0.518	0.307	0.174	0.140	0.175	0.215	0.188	0.045	-0.220	-0.571
7561	75.60	-0.958	-1.334	-1.682	-2.009	-2.332	-2.653	-2.945	-3.159	-3.241	-3.164
7571	75.70	-2.943	-2.635	-2.317	-2.055	-1.880	-1.773	-1.683	-1.550	-1.333	-1.026
7581	75.80	-0.658	-0.278	0.063	0.329	0.500	0.569	0.538	0.414	0.215	-0.025
7591	75.90	-0.252	-0.408	-0.442	-0.336	-0.112	0.166	0.419	0.577	0.608	0.524
7601	76.00	0.377	0.229	0.128	0.087	0.086	0.085	0.052	-0.025	-0.123	-0.200
7611	76.10	-0.212	-0.137	0.016	0.211	0.399	0.541	0.622	0.653	0.664	0.687
7621	76.20	0.739	0.813	0.884	0.913	0.868	0.732	0.508	0.221	-0.092	-0.384
7631	76.30	-0.615	-0.754	-0.787	-0.724	-0.600	-0.468	-0.392	-0.422	-0.579	-0.842
7641	76.40	-1.144	-1.396	-1.509	-1.433	-1.169	-0.778	-0.354	0.009	0.248	0.352
7651	76.50	0.358	0.325	0.305	0.320	0.354	0.370	0.335	0.242	0.115	-0.005
7661	76.60	-0.079	-0.098	-0.089	-0.097	-0.162	-0.292	-0.453	-0.582	-0.618	-0.537
7671	76.70	-0.366	-0.178	-0.058	-0.070	-0.220	-0.461	-0.708	-0.877	-0.915	-0.817
7681	76.80	-0.614	-0.369	-0.055	0.252	0.569	0.884	1.165	1.364	1.437	1.373
7691	76.90	1.213	1.043	0.963	1.040	1.281	1.619	1.947	2.164	2.225	2.162
7701	77.00	2.066	2.039	2.138	2.362	2.561	2.675	2.596	2.314	1.902	1.484
7711	77.10	1.173	1.019	0.981	0.951	0.806	0.468	-0.060	-0.696	-1.317	-1.819
7721	77.20	-2.158	-2.362	-2.504	-2.662	-2.871	-3.113	-3.326	-3.448	-3.446	-3.338
7731	77.30	-3.178	-3.026	-2.911	-2.815	-2.684	-2.458	-2.109	-1.662	-1.189	-0.780
7741	77.40	-0.499	-0.358	-0.315	-0.297	-0.236	-0.107	0.067	0.227	0.310	0.286
7751	77.50	0.174	0.024	-0.105	-0.181	-0.221	-0.279	-0.416	-0.666	-1.004	-1.351
7761	77.60	-1.600	-1.661	-1.501	-1.161	-0.740	-0.356	-0.069	0.007	0.007	-0.008
7771	77.70	0.054	0.246	0.560	0.933	1.279	1.528	1.653	1.684	1.680	1.703
7781	77.80	1.784	1.905	2.011	2.036	1.939	1.722	1.434	1.149	0.934	0.821
7791	77.90	0.794	0.805	0.798	0.743	0.650	0.565	0.541	0.612	0.765	0.940
7801	78.00	1.055	1.041	0.877	0.605	0.313	0.100	0.034	0.128	0.328	0.550
7811	78.10	0.709	0.761	0.716	0.625	0.555	0.550	0.617	0.722	0.817	0.864
7821	78.20	0.858	0.826	0.812	0.850	0.950	1.090	1.233	1.349	1.427	1.479
7831	78.30	1.524	1.570	1.595	1.551	1.385	1.043	0.594	0.036	-0.526	-1.012
7841	78.40	-1.373	-1.611	-1.767	-1.897	-2.038	-2.194	-2.332	-2.403	-2.372	-2.235
7851	78.50	-2.025	-1.797	-1.598	-1.450	-1.339	-1.230	-1.081	-0.877	-0.630	-0.382
7861	78.60	-0.180	-0.059	-0.025	-0.052	-0.106	-0.151	-0.176	-0.189	-0.214	-0.271
7871	78.70	-0.363	-0.466	-0.540	-0.543	-0.450	-0.265	-0.022	0.223	0.415	0.518
7881	78.80	0.522	0.452	0.348	0.255	0.203	0.194	0.212	0.226	0.210	0.157
7891	78.90	0.081	0.011	-0.023	-0.009	0.041	0.092	0.102	0.039	-0.097	-0.280
7901	79.00	-0.462	-0.596	-0.661	-0.667	-0.655	-0.674	-0.759	-0.912	-1.101	-1.272
7911	79.10	-1.379	-1.400	-1.350	-1.269	-1.203	-1.182	-1.195	-1.206	-1.159	-1.016
7921	79.20	-0.769	-0.448	-0.111	0.184	0.404	0.551	0.659	0.774	0.921	1.094
7931	79.30	1.243	1.301	1.208	0.944	0.547	0.107	-0.263	-0.468	-0.459	-0.262
7941	79.40	0.043	0.344	0.548	0.610	0.551	0.442	0.372	0.406	0.554	0.773
7951	79.50	0.983	1.107	1.106	0.997	0.842	0.717	0.678	0.733	0.865	0.952
7961	79.60	1.003	0.984	0.927	0.890	0.927	1.054	1.238	1.410	1.497	1.462
7971	79.70	1.322	1.138	0.990	0.932	0.963	1.023	1.019	0.866	0.528	0.036
7981	79.80	-0.528	-1.062	-1.484	-1.767	-1.933	-2.037	-2.132	-2.237	-2.328	-2.349
7991	79.90	-2.245	-1.984	-1.583	-1.095	-0.597	-0.158	0.178	0.402	0.531	0.593

Table 7—24—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.610	0.591	0.535	0.445	0.330	0.216	0.134	0.114	0.170	0.289
8011	80.10	0.441	0.581	0.671	0.691	0.643	0.553	0.457	0.386	0.355	0.353
8021	80.20	0.351	0.309	0.193	-0.007	-0.278	-0.580	-0.862	-1.075	-1.191	-1.205
8031	80.30	-1.137	-1.022	-0.896	-0.785	-0.705	-0.656	-0.632	-0.628	-0.636	-0.649
8041	80.40	-0.651	-0.623	-0.544	-0.399	-0.190	0.061	0.313	0.521	0.649	0.687
8051	80.50	0.652	0.589	0.516	0.493	0.520	0.585	0.662	0.725	0.760	0.767
8061	80.60	0.750	0.712	0.641	0.515	0.309	0.015	-0.348	-0.730	-1.066	-1.294
8071	80.70	-1.382	-1.339	-1.211	-1.062	-0.947	-0.891	-0.881	-0.874	-0.821	-0.689
8081	80.80	-0.479	-0.217	0.053	0.293	0.487	0.639	0.772	0.905	1.041	1.165
8091	80.90	1.252	1.285	1.263	1.208	1.155	1.129	1.133	1.142	1.108	0.986
8101	81.00	0.755	0.433	0.072	-0.253	-0.480	-0.576	-0.551	-0.446	-0.318	-0.213
8111	81.10	-0.151	-0.123	-0.101	-0.055	0.029	0.143	0.259	0.344	0.367	0.320
8121	81.20	0.214	0.080	-0.036	-0.093	-0.059	0.077	0.299	0.564	0.814	0.988
8131	81.30	1.039	0.949	0.740	0.460	0.174	-0.064	-0.227	-0.320	-0.377	-0.433
8141	81.40	-0.512	-0.606	-0.682	-0.698	-0.627	-0.470	-0.265	-0.068	0.071	0.126
8151	81.50	0.111	0.068	0.046	0.081	0.173	0.293	0.399	0.456	0.452	0.403
8161	81.60	0.335	0.271	0.212	0.134	0.003	-0.202	-0.479	-0.790	-1.079	-1.294
8171	81.70	-1.412	-1.448	-1.446	-1.462	-1.533	-1.663	-1.820	-1.957	-2.033	-2.035
8181	81.80	-1.976	-1.893	-1.813	-1.745	-1.665	-1.534	-1.316	-1.002	-0.625	-0.245
8191	81.90	0.069	0.270	0.369	0.344	0.318	0.331	0.417	0.567	0.737	0.867
8201	82.00	0.909	0.848	0.704	0.528	0.376	0.291	0.291	0.364	0.482	0.614
8211	82.10	0.741	0.859	0.975	1.099	1.236	1.379	1.512	1.616	1.677	1.691
8221	82.20	1.670	1.631	1.589	1.556	1.527	1.491	1.427	1.320	1.165	0.971
8231	82.30	0.758	0.553	0.382	0.257	0.177	0.129	0.092	0.047	-0.020	-0.110
8241	82.40	-0.216	-0.328	-0.437	-0.541	-0.643	-0.748	-0.863	-0.990	-1.125	-1.260
8251	82.50	-1.384	-1.483	-1.544	-1.556	-1.512	-1.413	-1.267	-1.096	-0.929	-0.797
8261	82.60	-0.723	-0.712	-0.747	-0.793	-0.807	-0.751	-0.610	-0.390	-0.121	0.155
8271	82.70	0.402	0.600	0.747	0.857	0.949	1.034	1.113	1.175	1.206	1.197
8281	82.80	1.157	1.107	1.074	1.084	1.149	1.257	1.383	1.489	1.540	1.520
8291	82.90	1.431	1.293	1.138	0.998	0.894	0.827	0.788	0.755	0.707	0.631
8301	83.00	0.523	0.390	0.242	0.093	-0.043	-0.152	-0.218	-0.226	-0.170	-0.055
8311	83.10	0.091	0.222	0.278	0.211	-0.005	-0.353	-0.778	-1.203	-1.551	-1.780
8321	83.20	-1.890	-1.922	-1.938	-1.988	-2.090	-2.218	-2.321	-2.343	-2.256	-2.070
8331	83.30	-1.831	-1.599	-1.418	-1.303	-1.231	-1.164	-1.068	-0.933	-0.783	-0.656
8341	83.40	-0.587	-0.585	-0.627	-0.665	-0.648	-0.542	-0.345	-0.085	0.201	0.474
8351	83.50	0.713	0.916	1.087	1.230	1.364	1.626	1.668	1.486	1.497	1.521
8361	83.60	1.563	1.606	1.615	1.546	1.373	1.103	0.775	0.454	0.201	0.051
8371	83.70	0.001	0.013	0.037	0.032	-0.015	-0.091	-0.168	-0.222	-0.250	-0.265
8381	83.80	-0.292	-0.344	-0.413	-0.472	-0.485	-0.432	-0.316	-0.170	-0.040	0.034
8391	83.90	0.040	-0.005	-0.063	-0.090	-0.065	0.008	0.100	0.172	0.195	0.165
8401	84.00	0.097	0.024	-0.027	-0.043	-0.029	-0.005	0.008	-0.003	-0.037	-0.086
8411	84.10	-0.136	-0.180	-0.215	-0.242	-0.263	-0.273	-0.263	-0.225	-0.157	-0.064
8421	84.20	0.037	0.125	0.180	0.196	0.167	0.113	0.046	-0.019	-0.074	-0.118
8431	84.30	-0.156	-0.197	-0.246	-0.305	-0.371	-0.432	-0.477	-0.491	-0.466	-0.393
8441	84.40	-0.283	-0.152	-0.024	0.081	0.147	0.174	0.174	0.169	0.183	0.229
8451	84.50	0.306	0.399	0.483	0.536	0.548	0.525	0.489	0.465	0.475	0.524
8461	84.60	0.596	0.666	0.680	0.631	0.507	0.330	0.140	-0.019	-0.114	-0.137
8471	84.70	-0.108	-0.066	-0.050	-0.081	-0.152	-0.228	-0.260	-0.209	-0.065	0.146
8481	84.80	0.374	0.562	0.675	0.715	0.719	0.746	0.860	1.017	1.246	1.465
8491	84.90	1.608	1.633	1.538	1.363	1.166	0.993	0.860	0.745	0.604	0.403

Table 7—24—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.137	-0.156	-0.413	-0.573	-0.608	-0.539	-0.432	-0.364	-0.396	-0.545
8511	85.10	-0.775	-1.022	-1.222	-1.340	-1.386	-1.400	-1.431	-1.508	-1.622	-1.732
8521	85.20	-1.785	-1.742	-1.602	-1.400	-1.197	-1.049	-0.988	-1.009	-1.079	-1.145
8531	85.30	-1.167	-1.122	-1.013	-0.858	-0.681	-0.499	-0.319	-0.140	0.041	0.226
8541	85.40	0.414	0.600	0.786	0.968	1.156	1.345	1.534	1.707	1.845	1.927
8551	85.50	1.943	1.894	1.795	1.672	1.552	1.453	1.380	1.317	1.239	1.112
8561	85.60	0.914	0.691	0.311	-0.036	-0.356	-0.612	-0.791	-0.906	-0.991	-1.087
8571	85.70	-1.218	-1.385	-1.560	-1.699	-1.761	-1.723	-1.590	-1.395	-1.178	-0.973
8581	85.80	-0.800	-0.659	-0.542	-0.443	-0.364	-0.313	-0.294	-0.297	-0.297	-0.257
8591	85.90	-0.146	0.043	0.289	0.544	0.754	0.882	0.918	0.889	0.843	0.827
8601	86.00	0.865	0.954	1.061	1.141	1.149	1.062	0.873	0.594	0.252	-0.122
8611	86.10	-0.489	-0.808	-1.060	-1.158	-1.156	-1.059	-0.919	-0.799	-0.754	-0.806
8621	86.20	-0.937	-1.093	-1.203	-1.212	-1.097	-0.879	-0.616	-0.376	-0.216	-0.162
8631	86.30	-0.201	-0.293	-0.375	-0.400	-0.334	-0.171	0.067	0.334	0.581	0.762
8641	86.40	0.855	0.870	0.861	0.823	0.852	0.952	1.104	1.259	1.358	1.361
8651	86.50	1.261	1.094	0.923	0.809	0.783	0.838	0.931	1.004	1.008	0.923
8661	86.60	0.753	0.519	0.244	-0.057	-0.369	-0.669	-0.919	-1.069	-1.083	-0.960
8671	86.70	-0.754	-0.562	-0.489	-0.604	-0.897	-1.282	-1.625	-1.802	-1.760	-1.542
8681	86.80	-1.263	-1.058	-1.013	-1.117	-1.273	-1.342	-1.220	-0.896	-0.456	-0.050
8691	86.90	0.186	0.202	0.056	-0.107	-0.127	0.091	0.533	1.079	1.559	1.836
8701	87.00	1.859	1.687	1.447	1.269	1.226	1.302	1.409	1.436	1.310	1.026
8711	87.10	0.650	0.279	-0.005	-0.169	-0.235	-0.263	-0.310	-0.405	-0.536	-0.666
8721	87.20	-0.755	-0.785	-0.768	-0.735	-0.715	-0.718	-0.727	-0.706	-0.625	-0.460
8731	87.30	-0.226	0.047	0.320	0.563	0.763	0.927	1.074	1.222	1.378	1.537
8741	87.40	1.681	1.789	1.842	1.834	1.775	1.685	1.595	1.535	1.525	1.568
8751	87.50	1.669	1.736	1.787	1.779	1.697	1.553	1.371	1.184	1.012	0.859
8761	87.60	0.713	0.550	0.351	0.110	-0.164	-0.447	-0.715	-0.945	-1.127	-1.260
8771	87.70	-1.349	-1.398	-1.411	-1.392	-1.347	-1.285	-1.214	-1.142	-1.067	-0.977
8781	87.80	-0.860	-0.705	-0.515	-0.307	-0.106	0.056	0.179	0.193	0.164	0.085
8791	87.90	-0.030	-0.169	-0.325	-0.493	-0.664	-0.826	-0.969	-1.088	-1.189	-1.283
8801	88.00	-1.386	-1.501	-1.618	-1.711	-1.744	-1.692	-1.548	-1.332	-1.084	-0.855
8811	88.10	-0.684	-0.590	-0.567	-0.588	-0.620	-0.631	-0.604	-0.536	-0.438	-0.332
8821	88.20	-0.241	-0.190	-0.195	-0.261	-0.375	-0.508	-0.619	-0.664	-0.617	-0.476
8831	88.30	-0.270	-0.048	0.136	0.244	0.265	0.220	0.144	0.073	0.022	-0.014
8841	88.40	-0.057	-0.130	-0.238	-0.365	-0.472	-0.519	-0.483	-0.368	-0.205	-0.045
8851	88.50	0.069	0.109	0.077	-0.001	-0.089	-0.155	-0.179	-0.144	-0.128	-0.094
8861	88.60	-0.087	-0.122	-0.198	-0.301	-0.401	-0.460	-0.444	-0.331	-0.125	0.143
8871	88.70	0.417	0.635	0.751	0.749	0.655	0.527	0.432	0.425	0.523	0.703
8881	88.80	0.915	1.095	1.199	1.208	1.131	1.002	0.855	0.722	0.619	0.556
8891	88.90	0.533	0.547	0.591	0.649	0.699	0.719	0.701	0.653	0.606	0.596
8901	89.00	0.651	0.768	0.907	1.007	1.008	0.882	0.654	0.396	0.200	0.138
8911	89.10	0.232	0.439	0.670	0.830	0.859	0.754	0.572	0.395	0.289	0.273
8921	89.20	0.310	0.327	0.250	0.043	-0.276	-0.642	-0.973	-1.202	-1.305	-1.299
8931	89.30	-1.231	-1.150	-1.084	-1.032	-0.972	-0.878	-0.737	-0.555	-0.358	-0.177
8941	89.40	-0.040	0.042	0.070	0.060	0.028	-0.004	-0.019	-0.003	0.053	0.148
8951	89.50	0.267	0.386	0.479	0.528	0.533	0.514	0.502	0.525	0.594	0.688
8961	89.60	0.768	0.786	0.710	0.543	0.323	0.109	-0.039	-0.093	-0.060	0.015
8971	89.70	0.076	0.074	-0.005	-0.139	-0.280	-0.376	-0.397	-0.344	-0.248	-0.157
8981	89.80	-0.111	-0.122	-0.174	-0.229	-0.242	-0.187	-0.065	0.095	0.246	0.366
8991	89.90	0.374	0.339	0.272	0.215	0.201	0.236	0.292	0.336	0.323	0.232

Table 7—24—19

TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1171 S1401-GR-1-1 HA. (HA.) TONEGAWA ES. MAX. ACC. = -26.230 (GAL) T= 16.02 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.069	-0.153	-0.330	-0.483	-0.579	-0.631	-0.669	-0.725	-0.813	-0.923
9011	90.10	-1.027	-1.091	-1.091	-1.028	-0.922	-0.801	-0.690	-0.592	-0.500	-0.401
9021	90.20	-0.291	-0.186	-0.116	-0.109	-0.172	-0.282	-0.387	-0.428	-0.361	-0.181
9031	90.30	0.076	0.343	0.559	0.686	0.732	0.738	0.760	0.835	0.971	1.135
9041	90.40	1.279	1.360	1.360	1.296	1.205	1.125	1.078	1.060	1.047	1.013
9051	90.50	0.944	0.844	0.726	0.604	0.479	0.334	0.166	-0.100	-0.395	-0.710
9061	90.60	-0.999	-1.224	-1.369	-1.443	-1.477	-1.498	-1.520	-1.533	-1.509	-1.427
9071	90.70	-1.283	-1.103	-0.928	-0.800	-0.732	-0.706	-0.675	-0.593	-0.433	-0.213
9081	90.80	0.019	0.198	0.280	0.262	0.183	0.108	0.091	0.154	0.270	0.384
9091	90.90	0.440	0.410	0.313	0.202	0.137	0.155	0.246	0.360	0.428	0.400
9101	91.00	0.270	0.073	-0.128	-0.278	-0.356	-0.385	-0.416	-0.492	-0.628	-0.790
9111	91.10	-0.913	-0.934	-0.820	-0.591	-0.314	-0.074	0.060	0.064	-0.034	-0.176
9121	91.20	-0.299	-0.361	-0.357	-0.307	-0.238	-0.163	-0.075	0.049	0.223	0.445
9131	91.30	0.683	0.893	1.031	1.050	1.050	0.977	0.898	0.841	0.805	0.773
9141	91.40	0.720	0.634	0.521	0.402	0.302	0.230	0.181	0.136	0.078	0.006
9151	91.50	-0.066	-0.101	-0.084	-0.010	0.098	0.199	0.256	0.253	0.211	0.173
9161	91.60	0.185	0.272	0.421	0.587	0.709	0.739	0.666	0.522	0.360	0.236
9171	91.70	0.176	0.166	0.161	0.107	-0.030	-0.245	-0.494	-0.712	-0.840	-0.851
9181	91.80	-0.756	-0.606	-0.458	-0.361	-0.332	-0.358	-0.405	-0.435	-0.429	-0.388
9191	91.90	-0.332	-0.285	-0.264	-0.270	-0.287	-0.297	-0.287	-0.257	-0.223	-0.209
9201	92.00	-0.231	-0.297	-0.397	-0.514	-0.628	-0.729	-0.813	-0.886	-0.947	-0.986
9211	92.10	-0.985	-0.921	-0.786	-0.582	-0.349	-0.135	0.014	0.069	0.035	-0.053
9221	92.20	-0.142	-0.183	-0.150	-0.046	0.096	0.235	0.336	0.385	0.394	0.387
9231	92.30	0.391	0.419	0.467	0.517	0.565	0.537	0.491	0.417	0.334	0.257
9241	92.40	0.196	0.156	0.137	0.138	0.162	0.213	0.292	0.396	0.516	0.638
9251	92.50	0.746	0.825	0.863	0.853	0.795	0.695	0.569	0.440	0.337	0.284
9261	92.60	0.293	0.357	0.454	0.549	0.607	0.605	0.539	0.426	0.293	0.168
9271	92.70	0.074	0.021	0.013	0.046	0.116	0.218	0.343	0.480	0.614	0.730
9281	92.80	0.823	0.897	0.963	1.032	1.107	1.175	1.214	1.203	1.135	1.024
9291	92.90	0.905	0.813	0.771	0.766	0.761	0.703	0.552	0.303	-0.006	-0.312
9301	93.00	-0.547	-0.677	-0.709	-0.694	-0.702	-0.789	-0.970	-1.222	-1.489	-1.712
9311	93.10	-1.852	-1.903	-1.886	-1.829	-1.757	-1.672	-1.569	-1.439	-1.288	-1.134
9321	93.20	-1.006	-0.923	-0.887	-0.876	-0.856	-0.799	-0.692	-0.566	-0.386	-0.237
9331	93.30	-0.109	0.006	0.126	0.265	0.419	0.565	0.667	0.696	0.665	0.531
9341	93.40	0.389	0.257	0.155	0.081	0.015	-0.067	-0.175	-0.298	-0.412	-0.487
9351	93.50	-0.511	-0.488	-0.445	-0.412	-0.409	-0.439	-0.483	-0.514	-0.511	-0.466
9361	93.60	-0.389	-0.298	-0.210	-0.135	-0.071	-0.010	0.058	0.136	0.214	0.294
9371	93.70	0.370	0.444	0.517	0.585	0.639	0.660	0.630	0.541	0.404	

Table 7—25—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.0	-1.305	-1.102	-0.509	0.355	1.193	1.860	1.539	0.890	0.063
11	0.10	-0.439	-0.200	0.884	2.508	4.059	4.877	4.576	3.242	1.431	-0.073
21	0.20	-0.618	0.007	1.454	2.967	3.726	3.232	1.533	-0.797	-2.930	-4.159
31	0.30	-4.199	-3.272	-1.941	-0.798	-0.162	0.041	0.177	0.643	1.597	2.829
41	0.40	3.856	4.184	3.592	2.281	0.802	-0.212	-0.359	0.327	1.610	2.288
51	0.50	2.521	2.069	1.297	0.759	0.868	1.627	2.595	3.098	2.599	1.018
61	0.60	-1.162	-3.088	-3.923	-3.264	-1.351	1.016	2.861	3.371	2.427	0.447
71	0.70	-1.746	-3.139	-3.864	-3.331	-2.114	-0.681	0.670	1.903	3.146	4.476
81	0.80	5.744	6.570	6.539	5.481	3.671	1.794	0.667	0.816	2.157	3.947
91	0.90	5.080	4.604	2.216	-1.516	-5.350	-7.885	-8.187	-6.198	-2.757	0.810
101	1.00	3.292	4.127	3.585	2.549	1.999	2.490	3.879	5.428	6.227	5.679
111	1.10	3.827	1.320	-0.921	-2.168	-2.235	-1.525	-0.775	-0.635	-1.325	-2.528
121	1.20	-3.589	-3.878	-3.140	-1.629	0.025	1.142	1.327	0.640	-0.474	-1.450
131	1.30	-1.902	-1.803	-1.457	-1.291	-1.601	-2.388	-3.368	-4.148	-4.440	-4.214
141	1.40	-3.687	-3.181	-2.929	-2.952	-3.071	-3.042	-2.728	-2.201	-1.716	-1.561
151	1.50	-1.881	-2.568	-3.300	-3.691	-3.496	-2.739	-1.712	-0.826	-0.404	-0.521
161	1.60	-0.968	-1.367	-1.364	-0.813	0.150	1.166	1.820	1.819	1.115	-0.091
171	1.70	-1.439	-2.561	-3.200	-3.274	-2.867	-2.164	-1.381	-0.712	-0.289	-0.175
181	1.80	-0.352	-0.721	-1.120	-1.359	-1.281	-0.830	-0.691	0.721	1.329	1.498
191	1.90	1.132	0.330	-0.644	-1.448	-1.791	-1.545	-0.798	0.172	0.995	1.339
201	2.00	1.039	0.163	-0.988	-1.981	-2.390	-1.965	-0.741	0.939	2.518	3.413
211	2.10	3.236	1.960	-0.039	-2.109	-3.552	-3.908	-3.133	-1.621	-0.032	0.989
221	2.20	1.092	0.369	-0.699	-1.468	-1.427	-0.428	1.263	3.095	4.494	5.114
231	2.30	4.968	4.388	3.839	3.692	4.068	4.805	5.563	5.992	5.870	5.161
241	2.40	3.987	2.537	0.997	-0.476	-1.742	-2.657	-3.083	-2.948	-2.324	-1.458
251	2.50	-0.721	-0.476	-0.900	-1.887	-3.045	-3.850	-3.874	-2.993	-1.464	0.165
261	2.60	1.289	1.508	0.790	-0.492	-1.750	-2.408	-2.144	-0.992	0.687	2.373
271	2.70	3.277	4.301	3.607	2.591	0.138	0.139	-0.525	0.242	1.577	1.577
281	2.80	3.102	4.336	4.846	4.425	3.208	1.669	0.459	0.138	0.913	2.508
291	2.90	4.237	5.288	5.080	3.547	1.200	-1.072	-2.381	-2.229	-0.721	1.484
301	3.00	3.478	4.500	4.247	2.958	1.252	-0.201	-0.988	-1.102	-0.879	-0.758
311	3.10	-1.022	-1.640	-2.296	-2.569	-2.162	-1.071	0.411	1.818	2.717	2.868
321	3.20	2.291	1.219	-0.027	-1.146	-1.931	-2.279	-2.174	-1.681	-0.948	-0.219
331	3.30	0.206	-0.795	-2.232	-3.815	-5.074	-5.554	-5.555	-5.055	-3.816	-2.358
341	3.40	-1.300	-1.074	-1.715	-2.840	-3.825	-4.097	-3.612	-1.973	-0.338	0.840
351	3.50	1.108	0.414	-0.889	-2.219	-3.023	-3.005	-2.221	-1.095	0.199	1.027
361	3.60	1.307	1.077	0.516	-0.140	-0.674	-0.909	-0.723	-0.059	1.039	2.391
371	3.70	3.691	4.570	4.727	4.060	2.735	1.146	-0.236	-1.060	-1.240	-0.976
381	3.80	-0.633	-0.538	-0.799	-1.237	-1.485	-1.186	-0.213	1.229	2.659	3.527
391	3.90	3.461	2.446	0.844	-0.757	-1.784	-1.909	-1.161	0.109	1.398	2.252
401	4.00	2.423	1.918	0.947	-0.201	-1.277	-2.151	-2.826	-3.394	-3.969	-4.621
411	4.10	-5.328	-5.968	-6.343	-6.243	-5.520	-4.177	-2.402	-0.552	0.944	1.729
421	4.20	1.655	0.860	-0.271	-1.241	-1.633	-1.274	-0.294	0.939	1.985	2.515
431	4.30	2.429	1.873	1.142	0.537	0.252	0.324	0.675	1.184	1.751	2.319
441	4.40	2.840	3.241	3.411	3.247	2.719	1.922	1.069	0.406	0.097	0.131
451	4.50	0.315	0.360	0.026	-0.745	-1.791	-2.794	-3.423	-3.481	-2.974	-2.073
461	4.60	-1.002	0.084	1.157	2.265	3.425	4.516	5.255	5.259	4.404	2.599
471	4.70	0.235	-2.098	-3.780	-4.391	-4.873	-4.531	-3.893	-2.504	-1.312	1.464
481	4.80	1.134	0.624	0.215	0.083	0.272	0.735	1.382	2.110	2.810	3.361
491	4.90	3.642	3.572	3.156	2.497	1.770	1.138	0.667	0.286	-0.172	-0.861

Table 7—25—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-1.800	-2.809	-3.550	-3.665	-2.962	-1.529	0.265	1.905	2.942	3.164
511	5.10	2.666	1.777	0.865	0.176	-0.268	-0.628	-1.118	-1.850	-2.747	-3.581
521	5.20	-4.084	-4.094	-3.627	-2.860	-2.027	-1.296	-0.702	-0.162	0.439	1.154
531	5.30	1.925	2.615	3.096	3.322	3.360	3.335	3.347	3.399	3.397	3.220
541	5.40	2.820	2.279	1.506	1.485	1.485	1.556	1.405	0.736	-0.540	-2.193
551	5.50	-3.730	-4.595	-4.434	-3.287	-1.604	-0.054	0.773	0.635	-0.270	-1.414
561	5.60	-2.223	-2.356	-1.854	-1.082	-0.491	-0.354	-0.614	-0.925	-0.874	-0.250
571	5.70	0.798	1.796	2.179	1.594	0.110	-1.780	-3.370	-4.072	-3.682	-2.469
581	5.80	-1.022	0.037	0.355	-0.018	-0.694	-1.177	-1.133	-0.553	0.264	0.876
591	5.90	0.926	0.306	-0.819	-2.121	-3.270	-4.061	-4.641	-4.448	-4.114	-3.414
601	6.00	-2.295	-0.766	1.015	2.728	3.982	4.469	4.117	3.137	1.955	1.030
611	6.10	0.672	0.916	1.537	2.168	2.476	2.292	1.650	0.734	-0.236	-1.101
621	6.20	-1.797	-2.338	-2.753	-3.040	-3.165	-3.087	-2.801	-2.369	-1.798	-1.203
631	6.30	-0.570	0.129	0.921	1.776	2.584	3.180	3.419	3.245	2.727	2.040
641	6.40	1.385	0.911	0.665	0.611	0.679	0.821	1.023	1.267	1.478	1.497
651	6.50	1.128	0.248	-1.077	-2.555	-3.741	-4.230	-3.865	-2.853	-1.708	-1.020
661	6.60	-1.153	-2.023	-3.090	-3.592	-2.917	-0.947	1.816	4.424	5.890	5.644
671	6.70	3.814	1.204	-1.059	-2.014	-1.292	0.735	3.135	4.838	5.097	3.774
681	6.80	1.345	1.404	-3.552	-4.692	-4.784	-4.099	-2.951	-1.055	-0.916	0.077
691	6.90	1.061	1.968	2.606	2.759	2.330	1.450	0.467	-0.188	-0.194	0.485
701	7.00	1.564	2.532	2.866	2.258	0.756	-1.251	-3.080	-4.172	-4.120	-2.891
711	7.10	-0.819	1.522	3.510	4.671	4.817	4.080	2.838	1.570	0.690	0.424
721	7.20	0.760	1.488	2.304	2.925	3.171	2.986	2.412	1.536	0.458	-0.706
731	7.30	-1.797	-2.595	-2.853	-2.385	-1.184	0.499	2.178	3.270	3.319	2.206
741	7.40	0.242	-1.912	-3.487	-3.912	-3.047	-1.241	0.817	2.384	2.965	2.483
751	7.50	1.268	-0.128	-1.187	-1.848	-1.425	-0.830	-0.819	0.496	0.924	1.172
761	7.60	1.250	1.123	0.726	0.036	-0.856	-1.726	-2.304	-2.403	-2.046	-1.487
771	7.70	-1.114	-1.257	-2.001	-3.111	-4.114	-4.511	-4.018	-2.708	-0.995	0.552
781	7.80	1.468	1.590	1.107	0.435	-0.003	0.013	0.410	0.892	1.124	0.918
791	7.90	0.335	-0.361	-0.856	-0.957	-0.696	-0.298	-0.049	-0.125	-0.486	-0.899
801	8.00	-1.063	-0.786	-0.112	0.671	1.146	0.953	-0.033	-1.636	-3.425	-4.877
811	8.10	-5.570	-5.320	-4.237	-2.664	-1.051	0.187	0.772	0.652	-0.078	-1.152
821	8.20	-2.235	-2.996	-3.185	-2.693	-1.588	-0.109	1.396	2.573	3.181	3.174
831	8.30	2.716	2.114	1.693	1.655	2.003	2.539	2.966	3.015	2.593	1.808
841	8.40	0.936	0.298	0.119	0.436	1.079	1.752	2.148	2.064	1.467	0.484
851	8.50	-0.655	-1.703	-2.459	-2.807	-2.720	-2.251	-1.516	-0.681	0.083	0.538
861	8.60	0.631	0.338	-0.233	-0.873	-1.369	-1.582	-1.506	-1.263	-1.037	-0.970
871	8.70	-1.087	-1.270	-1.320	-1.064	-0.451	0.613	1.308	1.997	2.349	2.367
881	8.80	2.165	1.871	1.535	1.095	0.432	-0.516	-1.650	-2.683	-3.236	-3.008
891	8.90	-1.950	-0.345	1.277	2.343	2.487	1.729	0.477	-0.638	-1.038	-0.651
901	9.00	0.978	2.753	4.255	5.003	4.842	3.976	2.849	1.934	1.537	1.695
911	9.10	2.198	2.710	2.911	2.615	1.819	0.679	-0.545	-1.558	-2.098	-1.991
921	9.20	-1.208	0.104	1.623	2.912	3.540	3.227	1.966	0.059	-1.969	-3.139
931	9.30	-4.231	-3.936	-2.890	-1.570	-0.500	-0.048	-0.292	-1.016	-1.823	-2.302
941	9.40	-2.193	-1.472	-0.328	0.922	1.969	2.613	2.812	2.670	2.359	2.044
951	9.50	1.807	1.622	1.379	0.947	0.254	-0.655	-1.605	-2.356	-2.652	-2.430
961	9.60	-1.782	-0.988	-0.393	-0.262	-0.642	-1.329	-1.944	-2.108	-1.624	-0.581
971	9.70	0.680	1.725	2.239	2.177	1.780	1.428	1.429	1.828	2.366	2.608
981	9.80	2.184	1.009	-0.619	-2.132	-2.942	-2.719	-1.554	0.080	1.552	2.361
991	9.90	2.349	1.734	0.945	0.372	0.152	0.117	-0.081	-0.730	-1.861	-3.185

Table 7—25—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-4.218	-4.516	-4.903	-2.557	-0.919	0.524	1.677	1.944	2.171	2.457
1011	10.10	2.938	3.475	3.719	3.306	2.086	0.253	-1.705	-3.210	-3.866	-3.639
1021	10.20	-2.872	-2.108	-1.830	-2.229	-3.124	-4.077	-4.614	-4.467	-3.691	-2.615
1031	10.30	-1.664	-1.135	-1.066	-1.239	-1.325	-1.084	-0.507	0.161	0.548	0.344
1041	10.40	-0.519	-1.809	-3.074	-3.825	-3.749	-2.837	-1.387	0.119	1.213	1.616
1051	10.50	1.335	0.631	-0.106	-0.517	-0.414	0.166	0.991	1.735	2.092	1.878
1061	10.60	1.073	-0.179	-1.620	-2.937	-3.826	-4.044	-3.473	-2.135	-0.219	1.962
1071	10.70	3.926	5.329	5.873	5.503	4.411	2.987	1.687	0.875	0.691	1.009
1081	10.80	1.503	1.788	1.593	0.870	-0.190	-1.256	-2.010	-2.289	-2.145	-1.786
1091	10.90	-1.456	-1.285	-1.219	-1.055	-0.565	0.349	1.559	2.731	3.456	3.440
1101	11.00	2.655	1.371	0.058	-0.819	-0.996	-0.522	0.281	0.976	1.221	0.930
1111	11.10	0.302	-0.280	-0.432	0.067	1.081	2.351	3.432	3.955	3.768	2.875
1121	11.20	1.585	0.203	-0.983	-1.806	-2.233	-2.341	-2.263	-2.127	-2.024	-1.977
1131	11.30	-1.944	-1.832	-1.536	-0.983	-0.201	0.586	1.464	1.914	1.911	1.499
1141	11.40	0.899	0.430	0.365	0.789	1.530	2.212	2.476	1.929	0.795	-0.589
1151	11.50	-1.670	-1.986	-1.393	-0.161	1.124	1.812	1.494	0.203	-1.568	-3.056
1161	11.60	-3.539	-2.627	-0.419	2.562	5.487	7.695	8.722	8.494	7.248	5.388
1171	11.70	3.323	1.367	-0.294	-1.563	-2.395	-2.769	-2.703	-2.272	-1.615	-0.901
1181	11.80	-0.280	0.165	0.430	0.571	0.645	0.667	0.603	0.397	0.023	-0.481
1191	11.90	-1.009	-1.429	-1.633	-1.584	-1.309	-0.880	-0.366	0.190	0.743	1.234
1201	12.00	1.561	1.598	1.249	0.516	-0.472	-1.495	-2.335	-2.884	-3.205	-3.494
1211	12.10	-3.953	-4.638	-5.374	-5.794	-5.522	-4.400	-2.649	-0.853	0.254	0.128
1221	12.20	-1.288	-3.451	-5.392	-6.102	-4.986	-2.166	1.514	4.805	6.557	6.190
1231	12.30	3.931	0.699	-2.295	-4.054	-4.182	-2.984	-1.254	0.131	0.621	0.211
1241	12.40	-0.608	-1.128	-0.789	0.556	2.578	4.630	6.044	6.404	5.692	4.249
1251	12.50	2.590	1.171	0.231	-0.248	-0.449	-0.571	-0.706	-0.800	-0.711	-0.325
1261	12.60	0.343	1.117	1.720	1.891	1.508	0.867	-0.452	-1.492	-2.248	-2.662
1271	12.70	-2.836	-2.954	-3.152	-3.410	-3.542	-3.271	-2.385	-0.880	0.982	2.739
1281	12.80	3.894	4.129	3.444	2.171	0.843	-0.032	-0.173	0.366	1.252	2.043
1291	12.90	2.402	2.231	1.682	1.036	0.524	0.198	-0.082	-0.539	-1.311	-2.326
1301	13.00	-3.307	-3.900	-3.876	-3.279	-2.431	-1.786	-1.681	-2.133	-2.793	-3.102
1311	13.10	-2.583	-1.124	0.904	2.766	3.685	3.223	1.510	-0.776	-2.704	-3.512
1321	13.20	-2.961	-1.443	0.214	1.147	0.883	-0.438	-2.130	-3.294	-3.250	-1.855
1331	13.30	0.436	2.794	4.401	4.804	4.082	2.749	1.473	0.754	0.732	1.184
1341	13.40	1.714	1.995	1.936	1.704	1.589	1.814	2.394	3.126	3.692	3.827
1351	13.50	3.442	2.643	1.651	0.673	-0.195	-0.969	-1.710	-2.419	-2.981	-3.196
1361	13.60	-2.885	-2.010	-0.739	0.588	1.587	1.986	1.731	1.002	0.127	-0.557
1371	13.70	-0.826	-0.627	-0.056	0.698	1.428	1.948	2.108	1.803	1.001	-0.213
1381	13.80	-1.607	-2.819	-3.453	-3.222	-2.093	-0.351	1.474	2.791	3.183	2.585
1391	13.90	1.316	-0.053	-0.942	-1.004	-0.257	0.945	2.091	2.735	2.679	2.013
1401	14.00	1.034	0.089	-0.576	-0.885	-0.900	-0.745	-0.511	-0.225	0.126	0.565
1411	14.10	0.981	1.330	1.478	1.353	0.960	0.361	-0.360	-1.144	-1.962	-2.784
1421	14.20	-3.543	-4.117	-4.364	-4.200	-3.673	-2.981	-2.401	-2.164	-2.315	-2.659
1431	14.30	-2.829	-2.454	-1.358	0.320	2.150	3.586	4.210	3.922	2.980	1.871
1441	14.40	1.062	0.764	0.836	0.868	0.406	-0.784	-2.569	-4.474	-5.886	-6.328
1451	14.50	-5.670	-4.184	-2.615	-0.937	-0.116	0.018	-0.270	-0.587	-0.618	-0.277
1461	14.60	0.275	0.722	0.760	0.244	-0.736	-1.884	-2.799	-3.112	-2.603	-1.267
1471	14.70	0.675	2.825	4.697	5.834	5.928	4.921	3.041	0.765	-1.311	-2.652
1481	14.80	-2.959	-2.273	-0.960	0.417	1.300	1.330	0.455	-1.078	-2.839	-4.379
1491	14.90	-5.378	-5.707	-5.419	-4.670	-3.643	-2.492	-1.337	-0.274	0.609	1.250

Table 7—25—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	1.640	1.856	2.049	2.383	2.959	3.738	4.534	5.086	5.179	4.770
1511	15.10	4.040	3.343	3.057	3.407	4.336	5.498	6.386	6.540	5.749	4.157
1521	15.20	2.209	0.482	-0.559	-0.742	-0.246	0.497	0.979	0.851	0.047	-1.200
1531	15.30	-2.478	-3.363	-3.586	-3.112	-2.117	-0.900	0.244	1.103	1.581	1.681
1541	15.40	1.466	1.015	0.441	-0.128	-0.539	-0.301	-0.280	0.280	1.111	1.872
1551	15.50	2.298	2.238	1.729	0.994	0.358	0.104	0.335	0.916	1.519	1.757
1561	15.60	1.367	0.333	-1.076	-2.411	-3.214	-3.215	-2.453	-1.269	-0.186	0.291
1571	15.70	-0.123	-1.384	-3.123	-4.768	-5.737	-5.628	-4.348	-2.133	0.532	3.057
1581	15.80	4.918	5.780	5.567	4.446	2.749	0.874	-0.822	-2.096	-2.850	-3.120
1591	15.90	-3.035	-2.768	-2.482	-2.288	-2.218	-2.217	-2.160	-1.884	-1.249	-0.199
1601	16.00	1.184	2.673	3.938	4.633	4.525	3.586	2.032	0.272	-1.226	-2.091
1611	16.10	-2.188	-1.651	-0.819	-0.084	0.274	0.195	-0.162	-0.518	-0.630	-0.420
1621	16.20	-0.011	0.344	0.401	0.063	-0.558	-1.191	-1.546	-1.462	-0.994	-0.384
1631	16.30	0.063	0.149	-0.109	-0.480	-0.638	-0.337	0.453	1.514	2.486	3.058
1641	16.40	3.127	2.868	2.635	2.772	3.391	4.272	4.913	4.739	3.366	0.805
1651	16.50	-2.513	-5.882	-8.592	-10.196	-10.646	-10.250	-9.480	-8.725	-8.126	-7.560
1661	16.60	-6.773	-5.578	-4.016	-2.374	-1.060	-0.392	-0.417	-0.857	-1.222	-1.029
1671	16.70	-0.041	1.611	3.482	5.001	5.733	5.567	4.746	3.745	3.037	2.880
1681	16.80	3.218	3.518	4.013	3.774	2.974	1.827	0.599	-0.081	-0.340	-0.119
1691	16.90	0.384	0.930	1.348	1.586	1.689	1.724	1.716	1.627	1.383	0.946
1701	17.00	0.358	-0.249	-0.708	-0.892	-0.774	-0.438	-0.034	0.297	0.481	0.525
1711	17.10	0.475	0.358	0.131	-0.306	-1.047	-2.099	-3.326	-4.459	-5.195	-5.312
1721	17.20	-4.786	-3.807	-2.715	-1.850	-1.405	-1.342	-1.408	-1.257	-0.615	0.589
1731	17.30	2.173	3.773	4.972	5.466	5.154	4.152	2.722	1.151	-0.350	-1.692
1741	17.40	-2.888	-3.991	-5.002	-5.857	-6.453	-6.648	-6.299	-5.271	-3.834	-2.074
1751	17.50	-0.204	1.552	21986	3.938	4.317	4.129	3.495	2.652	1.911	1.585
1761	17.60	1.888	2.862	4.338	5.976	7.371	8.184	8.251	7.631	6.570	5.391
1771	17.70	4.370	3.645	3.187	2.852	2.463	1.907	1.172	0.336	-0.487	-1.211
1781	17.80	-1.805	-2.284	-2.665	-2.932	-3.022	-2.867	-2.455	-1.869	-1.288	-0.919
1791	17.90	-0.901	-1.216	-1.678	-1.996	-1.910	-1.320	-0.358	0.652	1.323	1.380
1801	18.00	0.779	-0.268	-1.393	-2.235	-2.591	-2.690	-2.135	-1.775	-1.560	-1.460
1811	18.10	-1.299	-0.869	-0.068	1.019	2.150	3.044	3.529	3.633	3.559	3.563
1821	18.20	3.792	4.174	4.431	4.210	3.277	1.663	-0.309	-2.148	-3.407	-3.884
1831	18.30	-3.702	-3.238	-2.921	-3.018	-3.499	-4.064	-4.304	-3.917	-2.873	-1.440
1841	18.40	-0.061	0.842	1.051	0.630	-0.137	-0.888	-1.346	-1.400	-1.100	-0.573
1851	18.50	0.073	0.788	1.552	2.306	2.910	3.157	2.876	2.044	0.856	-0.318
1861	18.60	-1.071	-1.160	-0.640	0.127	0.618	0.382	-0.738	-2.521	-4.444	-5.909
1871	18.70	-6.496	-6.126	-5.066	-3.771	-2.655	-1.910	-1.446	-0.987	-0.261	0.836
1881	18.80	2.688	3.613	4.253	4.467	4.099	3.294	2.384	1.556	0.868	0.245
1891	18.90	-0.440	-1.258	-2.171	-3.042	-3.710	-4.066	-4.093	-3.837	-3.351	-2.660
1901	19.00	-1.662	-0.388	1.110	2.614	3.765	4.281	3.905	2.722	1.064	-0.577
1911	19.10	-1.733	-2.142	-1.826	-1.050	-0.180	0.498	0.887	1.080	1.262	1.561
1921	19.20	1.945	2.222	2.129	1.482	0.290	-1.220	-2.676	-3.713	-4.115	-3.878
1931	19.30	-3.191	-2.520	-1.479	-0.740	-0.023	0.831	1.962	3.386	4.965	6.435
1941	19.40	7.488	7.878	7.599	6.417	4.857	3.136	1.582	0.451	-0.140	-0.235
1951	19.50	-0.021	0.264	0.315	0.046	-0.552	-1.328	-2.046	-2.486	-2.529	-2.205
1961	19.60	-1.670	-1.136	-0.773	-0.646	-0.698	-0.804	-0.842	-0.768	-0.641	-0.590
1971	19.70	-0.739	-1.132	-1.689	-2.222	-2.499	-2.358	-1.684	-0.637	0.577	1.677
1981	19.80	2.421	2.679	2.471	1.939	1.289	0.705	0.278	-0.028	-0.349	-0.849
1991	19.90	-1.625	-2.624	-3.623	-4.285	-4.299	-3.480	-1.911	0.067	1.964	3.310

Table 7—25—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	3.844	3.614	2.954	2.328	2.126	2.589	3.252	4.069	4.454	4.276
2011	20.10	3.570	2.665	1.884	1.530	1.563	1.598	1.237	0.104	-1.851	-4.302
2021	20.20	-6.653	-8.267	-8.720	-7.959	-6.305	-4.292	-2.455	-1.035	-0.102	0.578
2031	20.30	1.277	2.155	3.165	4.081	4.616	4.573	3.942	2.904	1.741	0.706
2041	20.40	-0.081	-0.666	-1.209	-1.876	-2.740	-3.721	-4.607	-5.135	-5.089	-4.383
2051	20.50	-3.096	-1.450	0.252	1.711	2.701	3.119	3.004	2.512	1.877	1.347
2061	20.60	1.117	1.279	1.799	2.534	3.273	3.808	3.988	3.754	3.144	2.266
2071	20.70	1.262	0.273	-0.576	-1.181	-1.466	-1.391	-0.970	-0.295	0.472	1.115
2081	20.80	1.422	1.247	0.556	-0.562	-1.926	-3.324	-4.575	-5.565	-6.268	-6.623
2091	20.90	-6.694	-6.461	-5.934	-5.162	-4.258	-3.392	-2.744	-2.424	-2.423	-2.589
2101	21.00	-2.694	-2.521	-1.979	-1.152	-0.272	0.379	0.612	0.426	0.031	-0.234
2111	21.10	-0.052	0.724	1.987	3.393	4.489	4.879	4.370	3.047	1.235	-0.610
2121	21.20	-2.035	-2.704	-2.455	-1.298	0.617	3.035	5.633	8.035	9.855	10.754
2131	21.30	10.516	9.124	6.785	3.883	0.097	-1.751	-3.792	-5.166	-5.966	-6.366
2141	21.40	-6.490	-6.351	-5.851	-4.857	-3.298	-1.258	1.010	3.127	4.700	5.438
2151	21.50	5.240	4.225	2.683	0.994	-0.481	-1.492	-1.954	-1.954	-1.706	-1.682
2161	21.60	-1.516	-1.923	-2.665	-3.560	-4.355	-4.829	-4.882	-4.577	-4.109	-3.694
2171	21.70	-3.449	-3.301	-2.985	-2.146	-0.511	1.957	4.970	7.978	10.335	11.531
2181	21.80	11.377	10.077	8.140	6.181	4.699	3.907	3.695	3.733	3.660	3.161
2191	21.90	2.269	1.152	0.116	-0.556	-0.708	-0.361	0.317	1.090	1.736	2.108
2201	22.00	2.152	1.895	1.418	0.823	0.208	-0.352	-0.821	-1.208	-1.568	-1.975
2211	22.10	-2.487	-3.111	-3.776	-4.351	-4.686	-4.674	-4.307	-3.686	-2.990	-2.422
2221	22.20	-2.125	-2.132	-2.362	-2.646	-2.799	-2.628	-2.067	-1.106	0.168	1.588
2231	22.30	2.925	3.916	4.310	3.933	2.756	0.939	-1.182	-3.169	-4.609	-5.248
2241	22.40	-5.074	-4.314	-3.360	-2.508	-2.009	-1.796	-1.619	-1.151	-0.161	1.354
2251	22.50	3.140	4.763	5.780	5.901	5.118	3.671	1.975	0.438	-0.673	-1.307
2261	22.60	-1.598	-1.769	-2.005	-2.373	-2.810	-3.168	-3.311	-3.177	-2.810	-2.319
2271	22.70	-1.817	-1.361	-0.932	-0.461	0.103	0.736	1.323	1.687	1.670	1.209
2281	22.80	0.387	-0.586	-1.449	-1.989	-2.127	-1.933	-1.590	-1.296	-1.162	-1.184
2291	22.90	-1.234	-1.152	-0.833	-0.296	0.318	0.810	1.024	0.930	0.651	0.408
2301	23.00	0.425	0.821	1.559	2.463	3.308	3.926	4.280	4.462	4.626	4.880
2311	23.10	5.198	5.408	5.258	4.532	3.175	1.342	-0.638	-2.373	-3.557	-4.075
2321	23.20	-4.028	-3.666	-3.262	-2.997	-2.885	-2.798	-2.537	-1.947	-0.990	0.239
2331	23.30	1.554	2.752	3.678	4.254	4.455	4.274	3.684	2.642	1.129	-0.797
2341	23.40	-2.957	-5.061	-6.780	-7.837	-8.107	-7.670	-6.784	-5.801	-5.041	-4.681
2351	23.50	-4.693	-4.856	-4.842	-4.337	-3.158	-1.337	0.877	3.073	4.799	5.691
2361	23.60	5.591	4.602	3.071	1.489	0.348	-0.015	0.486	1.654	3.093	4.344
2371	23.70	5.050	5.070	4.510	3.644	2.783	2.127	1.686	1.291	0.698	-0.268
2381	23.80	-1.600	-3.090	-4.395	-5.194	-5.323	-4.852	-4.052	-3.269	-2.758	-2.570
2391	23.90	-2.535	-2.351	-1.741	-0.600	0.941	2.565	3.900	4.679	4.847	4.567
2401	24.00	4.127	3.799	3.712	3.805	3.877	3.695	3.117	2.166	1.010	-0.091
2411	24.10	-0.910	-1.322	-1.324	-1.003	-0.470	0.196	0.967	1.846	2.823	3.838
2421	24.20	4.780	5.512	5.920	5.948	5.614	4.988	4.156	3.188	2.127	0.998
2431	24.30	-0.165	-1.303	-2.325	-3.129	-3.631	-3.792	-3.633	-3.231	-2.707	-2.196
2441	24.40	-1.829	-1.703	-1.858	-2.254	-2.768	-3.204	-3.347	-3.029	-2.205	-0.989
2451	24.50	0.351	1.475	2.077	1.995	1.269	0.128	-1.102	-2.121	-2.759	-3.021
2461	24.60	-3.051	-3.034	-3.096	-3.234	-3.319	-3.158	-2.596	-1.591	-0.245	1.233
2471	24.70	2.599	3.854	4.294	4.509	4.358	3.920	3.269	2.463	1.562	0.635
2481	24.80	-0.245	-1.020	-1.678	-2.266	-2.871	-3.570	-4.379	-5.215	-5.911	-6.274
2491	24.90	-6.175	-5.615	-4.745	-3.816	-3.083	-2.694	-2.626	-2.687	-2.599	-2.112

Table 7—25—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-1.108	0.349	2.042	3.697	5.078	6.071	6.686	7.008	7.113	7.008
2511	25.10	6.615	5.823	4.573	2.928	1.100	-0.606	-1.887	-2.550	-2.625	-2.264
2521	25.20	-1.756	-1.365	-1.234	-1.342	-1.538	-1.631	-1.491	-1.120	-0.655	-0.303
2531	25.30	-0.257	-0.602	-1.284	-2.125	-2.887	-3.344	-3.354	-2.879	-1.987	-0.827
2541	25.40	0.413	1.535	2.371	2.814	2.850	2.562	2.119	1.712	1.486	1.459
2551	25.50	1.502	1.376	0.828	-0.277	-1.863	-3.622	-5.100	-5.850	-5.612	-4.416
2561	25.60	-2.587	-0.625	0.979	1.923	2.180	1.975	1.649	1.494	1.624	1.943
2571	25.70	2.224	2.243	1.918	1.360	0.832	0.630	0.933	1.712	2.728	3.625
2581	25.80	4.671	5.397	5.156	2.094	1.038	0.259	-0.128	-0.201	-0.171	-0.279
2591	25.90	-0.676	-1.353	-2.144	-2.798	-3.085	-2.895	-2.284	-1.450	-0.646	-0.074
2601	26.00	0.194	0.243	0.265	0.470	0.986	1.800	2.762	3.644	4.235	4.415
2611	26.10	4.179	3.613	2.820	1.865	0.751	-0.543	-1.987	-3.439	-4.634	-5.250
2621	26.20	-5.033	-3.926	-2.139	-0.110	1.637	2.681	2.869	2.373	1.610	1.053
2631	26.30	1.016	1.511	2.236	2.716	2.514	1.454	-0.289	-2.228	-3.755	-4.374
2641	26.40	-3.893	-2.485	-0.610	1.181	2.456	3.044	3.067	2.837	2.700	2.878
2651	26.50	3.380	4.022	4.514	4.596	4.135	3.169	1.882	0.523	-0.683	-1.597
2661	26.60	-2.193	-2.538	-2.750	-2.947	-3.206	-3.547	-3.936	-4.288	-4.521	-4.559
2671	26.70	-4.373	-3.979	-3.439	-2.826	-2.192	-1.546	-0.848	-0.035	0.928	2.007
2681	26.80	3.079	3.955	4.447	4.448	3.983	3.214	2.378	1.690	1.247	0.982
2691	26.90	0.704	0.188	-0.696	-1.900	-3.190	-4.223	-4.888	-4.426	-3.510	-2.211
2701	27.00	-0.906	0.058	0.468	0.290	-0.373	-1.344	-2.452	-3.565	-4.585	-5.413
2711	27.10	-5.938	-6.049	-5.684	-4.885	-3.814	-2.717	-1.835	-1.299	-1.068	-0.944
2721	27.20	-0.659	0.003	1.092	2.462	3.821	4.847	5.313	5.169	4.544	3.680
2731	27.30	2.833	2.194	1.851	1.805	2.004	2.381	2.863	3.362	3.764	3.939
2741	27.40	3.777	3.240	2.388	1.369	0.373	-0.447	-1.248	-1.609	-1.689	-1.984
2751	27.50	-2.274	-2.591	-2.860	-3.055	-3.227	-3.484	-3.928	-4.570	-5.277	-5.787
2761	27.60	-5.813	-5.167	-3.874	-2.184	-0.488	0.834	1.569	1.750	1.623	1.520
2771	27.70	1.700	2.233	2.984	3.691	4.093	4.048	3.572	2.810	1.941	1.101
2781	27.80	0.345	-0.328	-0.920	-1.390	-1.660	-1.668	-1.431	-1.081	-0.835	-0.901
2791	27.90	-1.369	-2.144	-2.962	-3.495	-3.487	-2.871	-1.799	-0.564	0.528	1.290
2801	28.00	1.716	1.943	2.161	2.401	2.667	2.773	2.542	1.914	1.010	0.105
2811	28.10	-0.486	-0.558	-0.117	0.608	1.273	1.574	1.391	0.867	0.244	-0.079
2821	28.20	0.097	0.765	1.710	2.609	3.188	3.338	3.149	2.840	2.625	2.593
2831	28.30	2.650	2.569	2.103	1.132	-0.262	-1.802	-3.121	-3.912	-4.054	-3.648
2841	28.40	-2.962	-2.296	-1.848	-1.626	-1.469	-1.144	-0.477	0.536	1.705	2.736
2851	28.50	3.337	3.563	2.871	2.095	1.330	0.804	0.579	0.546	0.501	0.275
2861	28.60	-0.157	-0.641	-0.901	-0.677	0.146	1.441	2.887	4.066	4.646	4.514
2871	28.70	3.827	2.943	2.264	2.070	2.400	3.047	3.660	3.903	3.600	2.806
2881	28.80	1.768	0.801	0.168	-0.123	-0.128	-0.095	-0.239	-0.658	-1.293	-1.969
2891	28.90	-2.495	-2.761	-2.791	-2.721	-2.716	-2.870	-3.152	-3.413	-3.466	-3.182
2901	29.00	-2.585	-1.839	-1.198	-0.885	-0.995	-1.448	-2.025	-2.464	-2.578	-2.323
2911	29.10	-1.813	-1.254	-0.850	-0.722	-0.868	-1.192	-1.559	-1.862	-2.055	-2.144
2921	29.20	-2.150	-2.080	-1.906	-1.594	-1.137	-0.589	-0.061	0.309	0.418	0.242
2931	29.30	-0.147	-0.611	-1.001	-1.218	-1.250	-1.159	-1.063	-0.987	-1.020	-1.119
2941	29.40	-1.222	-1.273	-1.244	-1.144	-1.003	-0.850	-0.692	-0.520	-0.320	-0.094
2951	29.50	0.139	0.348	0.519	0.671	0.867	1.192	1.726	2.496	3.455	4.481
2961	29.60	5.391	5.988	6.103	5.631	4.561	2.988	1.099	-0.847	-2.571	-3.828
2971	29.70	-4.469	-4.477	-3.975	-3.184	-2.352	-1.678	-1.252	-1.043	-0.939	-0.810
2981	29.80	-0.585	-0.280	0.006	0.145	0.044	-0.309	-0.840	-1.422	-1.934	-2.304
2991	29.90	-2.526	-2.638	-2.682	-2.659	-2.526	-2.210	-1.657	-0.872	0.067	1.026

Table 7—25—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	1.859	2.461	2.795	2.893	2.828	2.675	2.486	2.279	2.059	1.836
3011	30.10	1.639	1.512	1.489	1.572	1.716	1.849	1.899	1.831	1.670	1.492
3021	30.20	1.386	1.405	1.528	1.658	1.651	1.574	0.770	-0.113	-1.131	-2.090
3031	30.30	-2.818	-3.224	-3.325	-3.223	-3.056	-2.932	-2.883	-2.868	-2.794	-2.580
3041	30.40	-2.193	-1.669	-1.089	-0.535	-0.040	0.428	0.965	1.587	2.370	3.221
3051	30.50	3.984	4.477	4.558	4.185	3.436	2.680	1.515	0.698	0.120	-0.215
3061	30.60	-0.345	-0.316	-0.150	0.169	0.568	1.055	1.507	1.799	1.832	1.587
3071	30.70	1.158	0.726	0.499	0.630	1.152	1.957	2.839	3.570	3.976	3.996
3081	30.80	3.685	3.172	2.601	2.074	1.627	1.232	0.833	0.370	-0.189	-0.866
3091	30.90	-1.574	-2.326	-3.036	-3.620	-3.987	-4.056	-3.786	-3.204	-2.417	-1.594
3101	31.00	-0.927	-0.576	-0.616	-1.023	-1.682	-2.430	-3.108	-3.603	-3.859	-3.882
3111	31.10	-3.711	-3.405	-3.030	-2.651	-2.328	-2.106	-2.005	-2.000	-2.026	-1.998
3121	31.20	-1.839	-1.518	-1.063	-0.558	-0.096	0.253	0.484	0.655	0.852	1.147
3131	31.30	1.554	2.016	2.440	2.737	2.878	2.908	2.925	3.030	3.269	3.606
3141	31.40	3.934	4.129	4.114	3.903	3.593	3.322	3.195	3.225	3.322	3.329
3151	31.50	3.098	2.566	1.786	0.914	0.135	-0.419	-0.979	-0.901	-1.113	-1.536
3161	31.60	-2.255	-3.231	-4.311	-5.294	-5.997	-6.321	-6.264	-5.903	-5.342	-4.671
3171	31.70	-3.940	-3.165	-2.352	-1.527	-0.745	-0.079	0.408	0.687	0.778	0.746
3181	31.80	0.667	0.604	0.581	0.580	0.560	0.480	0.327	0.123	-0.076	-0.202
3191	31.90	-0.200	-0.048	0.231	0.577	0.908	1.147	1.242	1.188	1.025	0.831
3201	32.00	0.693	0.676	0.797	1.012	1.224	1.316	1.188	0.802	0.202	-0.490
3211	32.10	-1.108	-1.493	-1.540	-1.240	-0.680	-0.017	0.568	0.928	0.992	0.785
3221	32.20	0.413	0.025	-0.243	-0.317	-0.210	-0.013	0.136	0.118	-0.114	-0.502
3231	32.30	-0.893	-1.087	-0.914	-0.306	0.661	1.779	2.771	3.381	3.465	3.031
3241	32.40	2.237	1.319	0.505	-0.069	-0.392	-0.563	-0.727	-1.005	-1.435	-1.962
3251	32.50	-2.471	-2.840	-2.999	-2.950	-2.761	-2.523	-2.308	-2.138	-1.984	-1.788
3261	32.60	-1.496	-1.080	-0.561	0.028	0.653	1.304	1.999	2.767	3.619	4.523
3271	32.70	5.387	6.073	6.430	6.335	5.734	4.666	3.254	1.681	0.142	-1.205
3281	32.80	-2.276	-3.072	-3.670	-4.180	-4.697	-5.259	-5.824	-6.279	-6.476	-6.285
3291	32.90	-5.644	-4.589	-3.250	-1.817	-0.492	0.569	1.285	1.671	1.812	1.835
3301	33.00	1.864	1.982	2.213	2.515	2.791	2.922	2.798	2.359	1.620	0.681
3311	33.10	-0.293	-1.106	-1.590	-1.654	-1.316	-0.698	0.007	0.602	0.941	0.978
3321	33.20	0.770	0.452	0.181	0.087	0.229	0.593	1.112	1.698	2.284	2.841
3331	33.30	3.382	3.743	4.549	5.194	5.821	6.323	6.570	6.434	5.833	4.762
3341	33.40	3.302	1.621	-0.071	-1.565	-2.710	-3.552	-3.839	-3.990	-4.048	-4.113
3351	33.50	-4.212	-4.291	-4.253	-4.014	-3.555	-2.945	-2.318	-1.819	-1.546	-1.501
3361	33.60	-1.601	-1.710	-1.715	-1.577	-1.353	-1.168	-1.156	-1.392	-1.847	-2.396
3371	33.70	-2.862	-3.086	-2.988	-2.590	-1.998	-1.355	-0.777	-0.320	0.033	0.345
3381	33.80	0.689	1.111	1.613	2.156	2.676	3.102	3.371	3.437	3.275	2.889
3391	33.90	2.321	1.656	1.022	0.544	0.331	0.424	0.780	1.274	1.740	2.024
3401	34.00	2.030	1.754	1.271	0.701	0.167	-0.250	-0.525	-0.682	-0.769	-0.831
3411	34.10	-0.890	-0.948	-0.995	-1.021	-1.027	-1.018	-0.999	-0.962	-0.887	-0.748
3421	34.20	-0.528	-0.231	0.108	0.432	0.677	0.789	0.744	0.559	0.289	0.005
3431	34.30	-0.225	-0.373	-0.466	-0.577	-0.820	-1.290	-2.019	-2.944	-3.902	-4.674
3441	34.40	-5.046	-4.891	-4.213	-3.147	-1.914	-0.736	0.246	1.010	1.643	2.269
3451	34.50	2.974	3.742	4.447	4.902	4.942	4.502	3.654	2.589	1.541	0.714
3461	34.60	0.214	0.040	0.107	0.304	0.538	0.753	0.927	1.043	1.078	1.000
3471	34.70	0.789	0.450	0.024	-0.433	-0.875	-1.294	-1.711	-2.156	-2.624	-3.051
3481	34.80	-3.224	-3.326	-2.997	-2.382	-1.622	-0.899	-0.351	0.003	0.285	0.700
3491	34.90	1.437	2.561	3.954	5.347	6.413	6.903	6.735	6.026	5.021	3.982

Table 7—25—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	3.078	2.336	1.658	0.909	0.003	-1.043	-2.121	-3.096	-3.864	-4.418
3511	35.10	-4.809	-5.103	-5.313	-5.375	-5.175	-4.623	-3.731	-2.645	-1.612	-0.886
3521	35.20	-0.617	-0.786	-1.203	-1.597	-1.725	-1.478	-0.914	-0.214	0.409	0.814
3531	35.30	0.980	0.989	0.968	1.001	1.094	1.178	1.169	1.030	0.805	0.602
3541	35.40	0.526	0.614	0.796	0.919	0.817	0.405	-0.272	-1.045	-1.688	-2.025
3551	35.50	-2.026	-1.782	-1.390	-1.193	-1.253	-1.546	-1.935	-2.235	-2.307	-2.112
3561	35.60	-1.712	-1.224	-0.751	-0.328	0.080	0.560	1.088	1.681	2.197	2.680
3571	35.70	2.409	1.960	1.230	0.402	-0.320	-0.782	-0.926	-0.791	-0.474	-0.080
3581	35.80	0.321	0.700	1.054	1.378	1.641	1.795	1.798	1.638	1.352	1.015
3591	35.90	0.702	0.457	0.272	0.095	-0.135	-0.447	-0.812	-1.144	-1.337	-1.311
3601	36.00	-1.054	-0.629	-0.153	0.254	0.516	0.629	0.656	0.694	0.826	1.085
3611	36.10	1.438	1.800	2.067	2.151	2.005	1.637	1.099	0.471	-0.154	-0.699
3621	36.20	-1.107	-1.354	-1.451	-1.435	-1.356	-1.259	-1.162	-1.051	-0.886	-0.620
3631	36.30	-0.228	0.268	0.804	1.285	1.627	1.791	1.800	1.731	1.676	1.702
3641	36.40	1.814	1.951	2.012	1.904	1.583	1.074	0.468	-0.127	-0.619	-0.967
3651	36.50	-1.183	-1.304	-1.364	-1.368	-1.290	-1.104	-0.811	-0.457	-0.133	0.070
3661	36.60	0.093	-0.051	-0.284	-0.498	-0.609	-0.595	-0.515	-0.470	-0.547	-0.766
3671	36.70	-1.060	-1.293	-1.328	-1.095	-0.627	-0.055	0.456	0.776	0.879	0.843
3681	36.80	0.812	0.914	1.186	1.552	1.869	1.905	1.628	1.056	0.349	-0.273
3691	36.90	-0.623	-0.624	-0.331	0.104	0.503	0.743	0.803	0.758	0.724	0.799
3701	37.00	1.012	1.315	1.616	1.827	1.910	1.885	1.808	1.727	1.650	1.531
3711	37.10	1.292	0.870	0.259	-0.473	-1.200	-1.779	-2.105	-2.151	-1.974	-1.691
3721	37.20	-1.431	-1.295	-1.320	-1.482	-1.720	-1.966	-2.181	-2.362	-2.535	-2.735
3731	37.30	-2.976	-3.261	-3.479	-3.625	-3.625	-3.460	-3.154	-2.761	-2.342	-1.937
3741	37.40	-1.540	-1.099	-0.540	0.206	1.158	2.271	3.429	4.474	5.246	5.624
3751	37.50	5.558	5.074	4.265	3.261	2.197	1.190	0.319	-0.380	-0.903	-1.272
3761	37.60	-1.519	-1.673	-1.746	-1.735	-1.620	-1.377	-0.993	-0.482	0.114	0.734
3771	37.70	1.312	1.807	2.203	2.515	2.762	2.953	3.069	3.073	2.926	2.626
3781	37.80	2.219	1.796	1.458	1.272	1.232	1.254	1.260	0.970	0.497	0.162
3791	37.90	-0.873	-1.473	-1.842	-1.954	-1.886	-1.775	-1.749	-1.870	-2.104	-2.349
3801	38.00	-2.498	-2.498	-2.391	-2.290	-2.326	-2.579	-3.029	-3.563	-4.024	-4.287
3811	38.10	-4.316	-4.175	-3.991	-3.876	-3.863	-3.877	-3.764	-3.363	-2.593	-1.498
3821	38.20	-0.247	0.933	1.839	2.369	2.550	2.512	2.412	2.364	2.384	2.399
3831	38.30	2.287	1.946	1.349	0.554	-0.311	-1.106	-1.722	-2.109	-2.271	-2.239
3841	38.40	-2.037	-1.676	-1.159	-0.509	0.206	0.875	1.372	1.602	1.548	1.287
3851	38.50	0.968	0.759	0.776	1.037	1.463	1.907	2.226	2.339	2.257	2.027
3861	38.60	1.880	1.778	1.770	1.799	1.775	1.631	1.359	1.021	0.712	0.511
3871	38.70	0.437	0.434	0.396	0.224	-0.127	-0.617	-1.139	-1.565	-1.803	-1.836
3881	38.80	-1.730	-1.596	-1.545	-1.637	-1.865	-2.169	-2.462	-2.672	-2.758	-2.713
3891	38.90	-2.544	-2.261	-1.877	-1.611	-0.908	-0.437	-0.079	0.112	0.136	0.065
3901	39.00	0.022	0.138	0.494	1.084	1.814	2.537	3.121	3.497	3.686	3.776
3911	39.10	3.869	4.016	4.192	4.300	4.220	3.876	3.281	2.561	1.819	1.267
3921	39.20	0.967	0.903	0.974	1.048	1.019	0.855	0.606	0.377	0.279	0.385
3931	39.30	0.699	1.164	1.684	2.160	2.520	2.737	2.826	2.833	2.810	2.797
3941	39.40	2.805	2.817	2.782	2.663	2.369	1.880	1.258	0.563	-0.186	-0.859
3951	39.50	-1.437	-1.917	-2.326	-2.691	-3.016	-3.272	-3.415	-3.407	-3.250	-3.000
3961	39.60	-2.743	-2.568	-2.518	-2.573	-2.860	-2.690	-2.613	-2.442	-2.257	-2.154
3971	39.70	-2.198	-2.378	-2.605	-2.751	-2.716	-2.472	-2.080	-1.656	-1.300	-1.050
3981	39.80	-0.851	-0.599	-0.202	0.353	0.975	1.497	1.755	1.686	1.272	0.723
3991	39.90	0.207	-0.161	-0.297	-0.348	-0.435	-0.665	-1.045	-1.473	-1.782	-1.835

Table 7—25—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-1.587	-1.118	-0.591	-0.168	0.058	0.108	0.087	0.120	0.277	0.530
4011	40.10	0.777	0.997	0.818	0.561	0.227	-0.057	-0.210	-0.235	-0.215	-0.260
4021	40.20	-0.462	-0.742	-1.052	-1.226	-1.145	-0.783	-0.223	0.377	0.849	1.080
4031	40.30	1.050	0.823	0.511	0.213	-0.012	-0.161	-0.263	-0.351	-0.439	-0.517
4041	40.40	-0.570	-0.590	-0.589	-0.595	-0.626	-0.679	-0.717	-0.681	-0.520	-0.219
4051	40.50	0.191	0.636	1.027	1.297	1.426	1.449	1.440	1.473	1.595	1.796
4061	40.60	2.018	2.179	2.211	2.093	1.862	1.606	1.413	1.353	1.427	1.577
4071	40.70	1.703	1.717	1.576	1.307	0.993	0.725	0.557	0.468	0.367	0.135
4081	40.80	-0.315	-0.981	-1.758	-2.473	-2.948	-3.081	-2.887	-2.492	-2.077	-1.796
4091	40.90	-1.709	-1.769	-1.849	-1.814	-1.592	-1.207	-0.761	-0.380	-0.145	-0.056
4101	41.00	-0.021	0.072	0.314	0.717	1.210	1.675	2.005	2.153	2.149	2.072
4111	41.10	2.008	1.995	2.004	1.956	1.761	1.369	0.798	0.127	-0.531	-1.072
4121	41.20	-1.438	-1.625	-1.669	-1.622	-1.523	-1.384	-1.193	-0.928	-0.570	-0.120
4131	41.30	0.402	0.956	1.494	1.967	2.331	2.559	2.642	2.588	2.419	2.156
4141	41.40	1.809	1.370	0.818	0.138	-0.663	-1.537	-2.406	-3.177	-3.777	-4.177
4151	41.50	-4.405	-4.529	-4.600	-4.582	-4.747	-4.751	-4.633	-4.360	-3.966	-3.467
4161	41.60	-2.937	-2.463	-2.030	-1.597	-1.110	-0.541	0.082	0.680	1.157	1.445
4171	41.70	1.546	1.537	1.534	1.639	1.886	2.221	2.525	2.674	2.602	2.338
4181	41.80	1.998	1.734	1.665	1.821	2.131	2.458	2.662	2.668	2.499	2.257
4191	41.90	2.078	2.961	2.224	2.495	2.747	2.857	2.757	2.460	2.046	1.621
4201	42.00	1.267	1.010	0.819	0.632	0.393	0.089	-0.268	-0.568	-0.746	-0.804
4211	42.10	-0.736	-0.597	-0.463	-0.465	-0.458	-0.624	-0.872	-1.157	-1.437	-1.681
4221	42.20	-1.872	-1.999	-2.058	-2.046	-1.970	-1.841	-1.678	-1.499	-1.308	-1.091
4231	42.30	-0.819	-0.458	0.007	0.557	1.135	1.656	2.035	2.211	2.171	1.954
4241	42.40	1.633	1.286	0.971	0.706	0.475	0.244	-0.017	-0.312	-0.616	-0.888
4251	42.50	-1.090	-1.199	-1.220	-1.173	-1.082	-0.956	-0.789	-0.565	-0.275	0.065
4261	42.60	0.409	0.696	0.865	0.891	0.791	0.621	0.458	0.360	0.344	0.375
4271	42.70	0.380	0.288	0.063	-0.273	-0.640	-0.931	-1.063	-1.009	-0.821	-0.606
4281	42.80	-0.482	-0.522	-0.715	-0.966	-1.127	-1.072	-0.745	-0.203	0.404	0.880
4291	42.90	1.065	0.895	0.433	-0.159	-0.679	-0.966	-0.953	-0.689	-0.307	0.033
4301	43.00	0.209	0.179	-0.012	-0.263	-0.460	-0.525	-0.433	-0.223	0.031	0.243
4311	43.10	0.346	0.300	0.107	-0.200	-0.566	-0.924	-1.215	-1.404	-1.486	-1.491
4321	43.20	-1.466	-1.453	-1.462	-1.463	-1.388	-1.162	-0.742	-0.138	0.575	1.288
4331	43.30	1.895	2.336	2.612	2.772	2.875	2.950	2.976	2.895	2.653	2.245
4341	43.40	1.740	1.258	0.924	0.800	0.850	0.947	0.928	0.672	0.170	-0.469
4351	43.50	-1.056	-1.509	-1.641	-1.601	-1.457	-1.237	-0.941	-0.963	-1.478	-1.996
4361	43.60	-2.318	-2.327	-2.032	-1.552	-1.066	-0.734	-0.642	-0.778	-1.050	-1.329
4371	43.70	-1.490	-1.452	-1.185	-0.716	-0.116	0.512	1.055	1.411	1.523	1.401
4381	43.80	1.127	0.832	0.652	0.665	0.855	1.109	1.259	1.155	0.741	0.093
4391	43.90	-0.599	-1.096	-1.201	-0.862	-0.099	0.819	1.653	2.179	2.280	1.969
4401	44.00	1.372	0.665	0.021	-0.447	-0.701	-0.777	-0.758	-0.748	-0.841	-1.094
4411	44.10	-1.516	-2.056	-2.466	-3.023	-3.286	-3.281	-2.971	-2.464	-1.877	-1.333
4421	44.20	-0.912	-0.634	-0.460	-0.322	-0.161	0.043	0.270	0.467	0.590	0.624
4431	44.30	0.592	0.547	0.542	0.607	0.733	0.881	1.001	1.061	1.055	1.012
4441	44.40	0.975	0.984	1.060	1.196	1.365	1.531	1.659	1.728	1.734	1.685
4451	44.50	1.600	1.502	1.412	1.344	1.295	1.269	1.180	1.056	0.859	0.588
4461	44.60	0.267	-0.067	-0.375	-0.631	-0.829	-0.987	-1.136	-1.302	-1.501	-1.725
4471	44.70	-1.948	-2.133	-2.240	-2.233	-2.086	-1.786	-1.340	-0.776	-0.144	0.489
4481	44.80	1.052	1.487	1.763	1.887	1.888	1.810	1.686	1.530	1.340	1.102
4491	44.90	0.820	0.515	0.237	0.039	-0.034	0.030	0.212	0.463	0.730	0.967

Table 7—25—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	1.148	1.261	1.303	1.266	1.145	0.940	0.669	0.371	0.102	-0.093
4511	45.10	-0.191	-0.211	-0.205	-0.230	-0.322	-0.469	-0.618	-0.691	-0.628	-0.419
4521	45.20	-0.119	0.172	0.350	0.346	0.163	-0.126	-0.410	-0.582	-0.581	-0.414
4531	45.30	-0.150	0.120	0.314	0.390	0.355	0.251	0.124	0.008	-0.093	-0.195
4541	45.40	-0.320	-0.477	-0.653	-0.818	-0.935	-0.975	-0.936	-0.833	-0.702	-0.578
4551	45.50	-0.490	-0.447	-0.448	-0.476	-0.516	-0.552	-0.575	-0.580	-0.566	-0.527
4561	45.60	-0.430	-0.398	-0.406	-0.421	-0.436	-0.481	-0.542	-0.583	-0.610	-0.621
4571	45.70	-0.311	-0.398	-0.476	-0.555	-0.652	-0.783	-0.953	-1.142	-1.305	-1.378
4581	45.80	-1.299	-1.032	-0.584	-0.018	0.566	1.057	1.368	1.466	1.378	1.179
4591	45.90	0.962	0.804	0.731	0.722	0.716	0.651	0.487	0.235	-0.053	-0.299
4601	46.00	-0.435	-0.426	-0.285	-0.072	0.134	0.252	0.233	0.068	-0.214	-0.547
4611	46.10	-0.853	-1.060	-1.112	-0.989	-0.709	-0.350	0.065	0.381	0.540	0.697
4621	46.20	0.255	-0.158	-0.603	-1.059	-1.443	-1.729	-1.931	-2.062	-2.175	-2.277
4631	46.30	-2.359	-2.388	-2.324	-2.137	-1.820	-1.393	-0.897	-0.382	0.104	0.525
4641	46.40	0.858	1.098	1.247	1.317	1.325	1.289	1.226	1.157	1.081	0.999
4651	46.50	0.907	0.801	0.689	0.591	0.538	0.562	0.685	0.906	1.201	1.524
4661	46.60	1.821	2.049	2.187	2.242	2.242	2.225	2.219	2.230	2.243	2.225
4671	46.70	2.145	1.988	1.763	1.502	1.242	1.016	0.837	0.696	0.575	0.454
4681	46.80	0.327	0.200	0.081	-0.034	-0.164	-0.342	-0.593	-0.918	-1.278	-1.603
4691	46.90	-1.822	-1.900	-1.864	-1.807	-1.844	-2.066	-2.476	-2.977	-3.390	-3.526
4701	47.00	-3.264	-2.608	-1.695	-0.737	0.060	0.581	0.843	0.968	1.118	1.403
4711	47.10	1.828	2.296	2.655	2.788	2.673	2.396	2.109	1.955	1.994	2.175
4721	47.20	2.366	2.420	2.253	1.878	1.395	0.933	0.582	0.349	0.159	-0.092
4731	47.30	-0.477	-0.985	-1.521	-1.950	-2.155	-2.099	-1.834	-1.479	-1.165	-0.973
4741	47.40	-0.913	-0.934	-0.957	-0.931	-0.849	-0.756	-0.710	-0.757	-0.899	-1.096
4751	47.50	-1.288	-1.421	-1.467	-1.431	-1.340	-1.224	-1.099	-0.968	-0.825	-0.664
4761	47.60	-0.492	-0.321	-0.182	-0.081	-0.031	-0.031	-0.071	-0.137	-0.207	-0.255
4771	47.70	-0.251	-0.170	-0.004	0.231	0.498	0.748	0.939	1.054	1.102	1.118
4781	47.80	1.133	1.160	1.180	1.158	1.055	0.866	0.625	0.398	0.259	0.252
4791	47.90	0.366	0.540	0.686	0.730	0.644	0.460	0.253	0.103	0.062	0.128
4801	48.00	0.256	0.371	0.429	0.417	0.363	0.314	0.302	0.321	0.321	0.228
4811	48.10	-0.021	-0.446	-1.005	-1.606	-2.133	-2.487	-2.619	-2.538	-2.307	-2.012
4821	48.20	-1.736	-1.519	-1.378	-1.276	-1.176	-1.038	-0.868	-0.619	-0.388	-0.198
4831	48.30	-0.079	-0.045	-0.078	-0.138	-0.177	-0.150	-0.033	0.174	0.450	0.754
4841	48.40	1.044	1.278	1.430	1.487	1.451	1.344	1.197	1.052	0.949	0.920
4851	48.50	0.977	1.111	1.291	1.471	1.603	1.656	1.580	1.400	1.122	0.774
4861	48.60	0.390	0.011	-0.319	-0.558	-0.675	-0.655	-0.508	-0.275	-0.014	0.211
4871	48.70	0.351	0.391	0.346	0.262	0.187	0.155	0.171	0.211	0.231	0.191
4881	48.80	0.071	-0.121	-0.355	-0.590	-0.793	-0.951	-1.073	-1.179	-1.287	-1.404
4891	48.90	-1.514	-1.590	-1.603	-1.535	-1.390	-1.191	-0.979	-0.790	-0.646	-0.544
4901	49.00	-0.455	-0.343	-0.175	0.057	0.331	0.600	0.810	0.921	0.928	0.869
4911	49.10	0.809	0.817	0.939	1.173	1.470	1.749	1.926	1.951	1.820	1.580
4921	49.20	1.300	1.050	0.868	0.750	0.660	0.551	0.388	0.163	-0.101	-0.365
4931	49.30	-0.590	-0.756	-0.862	-0.925	-0.970	-1.012	-1.060	-1.112	-1.162	-1.204
4941	49.40	-1.233	-1.244	-1.225	-1.165	-1.056	-0.901	-0.727	-0.576	-0.500	-0.541
4951	49.50	-0.707	-0.968	-1.256	-1.474	-1.546	-1.434	-1.087	-0.620	-0.107	0.350
4961	49.60	0.672	0.827	0.838	0.769	0.700	0.697	0.787	0.950	1.130	1.255
4971	49.70	1.274	1.169	0.969	0.734	0.532	0.420	0.432	0.532	0.722	0.962
4981	49.80	1.221	1.476	1.706	1.870	1.935	1.862	1.635	1.277	0.847	0.425
4991	49.90	0.082	-0.153	-0.298	-0.410	-0.552	-0.753	-0.986	-1.178	-1.243	-1.128

Table 7—25—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-0.855	-0.516	-0.245	-0.160	-0.310	-0.651	-1.065	-1.409	-1.579	-1.548
5011	50.10	-1.371	-1.145	-0.961	-0.855	-0.802	-0.736	-0.595	-0.363	-0.078	0.182
5021	50.20	0.347	0.392	0.350	0.300	0.321	0.455	0.680	0.922	1.092	1.126
5031	50.30	1.016	0.804	0.565	0.362	0.230	0.160	0.119	0.073	0.006	-0.078
5041	50.40	-0.161	-0.226	-0.266	-0.272	-0.239	-0.143	0.052	0.370	0.802	1.292
5051	50.50	1.742	2.044	2.120	1.956	1.615	1.209	0.861	0.649	0.582	0.600
5061	50.60	0.607	0.515	0.278	-0.088	-0.522	-0.945	-1.288	-1.512	-1.615	-1.615
5071	50.70	-1.543	-1.434	-1.318	-1.220	-1.159	-1.133	-1.123	-1.087	-0.982	-0.783
5081	50.80	-0.503	-0.198	0.046	0.145	0.061	-0.184	-0.510	-0.808	-0.988	-1.015
5091	50.90	-0.921	-0.781	-0.681	-0.670	-0.745	-0.855	-0.937	-0.944	-0.875	-0.769
5101	51.00	-0.675	-0.629	-0.624	-0.619	-0.561	-0.416	-0.191	0.065	0.287	0.423
5111	51.10	0.466	0.448	0.441	0.505	0.667	0.903	1.148	1.319	1.352	1.235
5121	51.20	0.967	0.650	0.358	0.165	0.113	0.197	0.378	0.586	0.752	0.821
5131	51.30	0.775	0.632	0.444	0.276	0.185	0.195	0.292	0.424	0.526	0.544
5141	51.40	0.457	0.281	0.063	-0.143	-0.297	-0.386	-0.429	-0.458	-0.508	-0.599
5151	51.50	-0.734	-0.899	-1.076	-1.245	-1.393	-1.511	-1.596	-1.650	-1.688	-1.728
5161	51.60	-1.790	-1.882	-1.985	-2.054	-2.027	-1.851	-1.511	-1.043	-0.530	-0.076
5171	51.70	0.245	0.415	0.488	0.561	0.730	1.043	1.470	1.918	2.273	2.454
5181	51.80	2.451	2.324	2.174	2.087	2.097	2.174	2.247	2.255	2.181	2.063
5191	51.90	1.967	1.943	1.987	2.031	1.978	1.753	1.348	0.844	0.369	0.045
5201	52.00	-0.074	-0.030	0.061	0.071	-0.071	-0.345	-0.647	-0.844	-0.845	-0.651
5211	52.10	-0.348	-0.062	0.108	0.150	0.135	0.178	0.365	0.693	1.059	1.300
5221	52.20	1.278	0.947	0.391	-0.215	-0.674	-0.857	-0.757	-0.485	-0.204	-0.056
5231	52.30	-0.088	-0.239	-0.382	-0.391	-0.209	0.124	0.490	0.752	0.819	0.679
5241	52.40	0.401	0.093	-0.149	-0.280	-0.318	-0.319	-0.349	-0.446	-0.613	-0.824
5251	52.50	-1.045	-1.248	-1.420	-1.553	-1.634	-1.644	-1.562	-1.381	-1.123	-0.837
5261	52.60	-0.585	-0.422	-0.371	-0.415	-0.507	-0.593	-0.632	-0.614	-0.554	-0.484
5271	52.70	-0.428	-0.393	-0.367	-0.328	-0.255	-0.137	0.020	0.201	0.382	0.539
5281	52.80	0.644	0.676	0.615	0.460	0.228	-0.048	-0.330	-0.590	-0.834	-1.095
5291	52.90	-1.423	-1.850	-2.358	-2.871	-3.265	-3.417	-3.254	-2.792	-2.134	-1.434
5301	53.00	-0.833	-0.399	-0.102	0.165	0.522	1.042	1.703	2.389	2.941	3.223
5311	53.10	3.180	2.856	2.364	1.831	1.341	0.911	0.501	0.060	-0.428	-0.927
5321	53.20	-1.355	-1.633	-1.725	-1.660	-1.522	-1.405	-1.366	-1.401	-1.450	-1.435
5331	53.30	-1.307	-1.072	-0.789	-0.530	-0.339	-0.206	-0.068	0.145	0.465	0.855
5341	53.40	1.210	1.406	1.357	1.064	0.622	0.189	-0.085	-0.118	0.069	0.370
5351	53.50	0.645	0.790	0.778	0.669	0.572	0.589	0.761	1.049	1.350	1.563
5361	53.60	1.547	1.349	1.013	0.646	0.361	0.227	0.255	0.397	0.570	0.689
5371	53.70	0.697	0.575	0.346	0.065	-0.203	-0.402	-0.495	-0.475	-0.366	-0.213
5381	53.80	-0.067	0.032	0.069	0.055	0.025	0.014	0.049	0.129	0.228	0.308
5391	53.90	0.341	0.320	0.268	0.231	0.259	0.382	0.600	0.885	1.191	1.474
5401	54.00	1.711	1.898	2.047	2.172	2.277	2.349	2.370	2.326	2.217	2.061
5411	54.10	1.882	1.698	1.508	1.290	1.011	0.651	0.216	-0.253	-0.685	-1.010
5421	54.20	-1.183	-1.205	-1.126	-1.027	-0.987	-1.051	-1.210	-1.407	-1.557	-1.585
5431	54.30	-1.460	-1.203	-0.888	-0.608	-0.448	-0.453	-0.616	-0.885	-1.189	-1.461
5441	54.40	-1.656	-1.762	-1.792	-1.766	-1.698	-1.593	-1.446	-1.253	-1.026	-0.791
5451	54.50	-0.590	-0.462	-0.428	-0.482	-0.586	-0.682	-0.717	-0.655	-0.498	-0.281
5461	54.60	-0.060	0.108	0.187	0.177	0.112	0.053	0.063	0.186	0.433	0.775
5471	54.70	1.148	1.476	1.688	1.739	1.617	1.352	0.996	0.612	0.257	-0.039
5481	54.80	-0.268	-0.444	-0.593	-0.729	-0.856	-0.960	-1.020	-1.022	-0.970	-0.886
5491	54.90	-0.808	-0.769	-0.783	-0.834	-0.882	-0.878	-0.790	-0.621	-0.411	-0.230

Table 7—25—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-0.150	-0.211	-0.411	-0.694	-0.976	-1.170	-1.217	-1.104	-0.868	-0.575
5511	55.10	-0.300	-0.101	-0.003	-0.001	-0.065	-0.155	-0.231	-0.267	-0.250	-0.181
5521	55.20	-0.073	0.053	0.172	0.260	0.308	0.318	0.310	0.312	0.350	0.432
5531	55.30	0.563	0.700	0.809	0.855	0.817	0.699	0.522	0.322	0.132	-0.020
5541	55.40	-0.121	-0.169	-0.170	-0.134	-0.071	0.007	0.093	0.182	0.276	0.384
5551	55.50	0.516	0.677	0.860	1.046	1.207	1.315	1.357	1.341	1.292	1.244
5561	55.60	1.221	1.226	1.235	1.210	1.115	0.932	0.674	0.375	0.081	-0.173
5571	55.70	-0.367	-0.506	-0.603	-0.666	-0.692	-0.669	-0.580	-0.425	-0.221	-0.002
5581	55.80	0.192	0.333	0.413	0.443	0.440	0.414	0.358	0.256	0.089	-0.141
5591	55.90	-0.406	-0.651	-0.819	-0.872	-0.807	-0.661	-0.492	-0.350	-0.258	-0.195
5601	56.00	-0.116	0.028	0.260	0.559	0.866	1.109	1.230	1.220	1.114	0.987
5611	56.10	0.911	0.928	1.030	1.159	1.236	1.189	0.994	0.680	0.324	0.026
5621	56.20	-0.132	-0.110	0.075	0.354	0.628	0.802	0.808	0.623	0.269	-0.191
5631	56.30	-0.674	-1.095	-1.384	-1.502	-1.441	-1.233	-0.937	-0.623	-0.359	-0.184
5641	56.40	-0.104	-0.083	-0.063	0.010	0.166	0.384	0.601	0.728	0.688	0.445
5651	56.50	0.029	-0.471	-0.936	-1.255	-1.367	-1.272	-1.030	-0.730	-0.456	-0.247
5661	56.60	-0.111	-0.015	0.078	0.187	0.302	0.388	0.408	0.334	0.177	-0.030
5671	56.70	-0.238	-0.404	-0.508	-0.553	-0.559	-0.555	-0.562	-0.593	-0.648	-0.722
5681	56.80	-0.805	-0.884	-0.934	-0.930	-0.843	-0.660	-0.395	-0.094	0.171	0.324
5691	56.90	0.310	0.117	-0.221	-0.632	-1.040	-1.390	-1.668	-1.898	-2.123	-2.372
5701	57.00	-2.638	-2.870	-2.992	-2.938	-2.684	-2.269	-1.781	-1.332	-1.012	-0.853
5711	57.10	-0.815	-0.809	-0.730	-0.513	-0.154	0.277	0.672	0.926	0.984	0.869
5721	57.20	0.671	0.515	0.507	0.699	1.062	1.507	1.918	2.201	2.307	2.256
5731	57.30	2.113	1.961	1.870	1.876	1.977	2.143	2.336	2.517	2.659	2.742
5741	57.40	2.752	2.687	2.553	2.372	2.182	2.018	1.905	1.839	1.787	1.700
5751	57.50	1.536	1.279	0.958	0.629	0.357	0.177	0.084	0.025	-0.070	-0.256
5761	57.60	-0.544	-0.892	-1.224	-1.473	-1.607	-1.652	-1.676	-1.753	-1.920	-2.155
5771	57.70	-2.381	-2.501	-2.446	-2.210	-1.863	-1.518	-1.285	-1.220	-1.298	-1.428
5781	57.80	-1.485	-1.374	-1.068	-0.618	-0.129	0.286	0.554	0.673	0.701	0.729
5791	57.90	0.829	1.025	1.280	1.519	1.662	1.665	1.537	1.333	1.123	0.962
5801	58.00	0.858	0.778	0.668	0.480	0.205	-0.123	-0.443	-0.696	-0.853	-0.927
5811	58.10	-0.963	-1.011	-1.098	-1.211	-1.311	-1.351	-1.313	-1.216	-1.108	-1.040
5821	58.20	-1.024	-1.020	-0.944	-0.710	-0.273	0.328	0.978	1.522	1.825	1.837
5831	58.30	1.611	1.283	1.017	0.927	1.037	1.268	1.482	1.545	1.386	1.023
5841	58.40	0.549	0.089	-0.261	-0.460	-0.534	-0.548	-0.570	-0.639	-0.759	-0.907
5851	58.50	-1.049	-1.159	-1.222	-1.230	-1.179	-1.066	-0.890	-0.680	-0.477	-0.329
5861	58.60	-0.270	-0.292	-0.343	-0.344	-0.223	0.005	0.418	0.794	1.057	1.124
5871	58.70	0.989	0.824	0.452	0.286	0.274	0.391	0.538	0.602	0.508	0.258
5881	58.80	-0.074	-0.373	-0.541	-0.538	-0.395	-0.195	-0.032	0.028	-0.028	-0.166
5891	58.90	-0.330	-0.475	-0.582	-0.659	-0.726	-0.795	-0.858	-0.891	-0.865	-0.770
5901	59.00	-0.614	-0.428	-0.249	-0.101	0.005	0.077	0.125	0.151	0.146	0.091
5911	59.10	-0.027	-0.198	-0.389	-0.544	-0.609	-0.544	-0.350	-0.063	0.253	0.532
5921	59.20	0.726	0.822	0.844	0.840	0.859	0.930	1.050	1.181	1.272	1.275
5931	59.30	1.173	0.983	0.758	0.566	0.466	0.483	0.607	0.792	0.982	1.128
5941	59.40	1.208	1.231	1.224	1.215	1.219	1.231	1.231	1.194	1.109	0.982
5951	59.50	0.836	0.697	0.583	0.498	0.428	0.353	0.257	0.130	-0.025	-0.201
5961	59.60	-0.393	-0.597	-0.810	-1.025	-1.228	-1.393	-1.498	-1.527	-1.483	-1.389
5971	59.70	-1.281	-1.195	-1.159	-1.185	-1.266	-1.382	-1.512	-1.631	-1.717	-1.752
5981	59.80	-1.722	-1.622	-1.463	-1.272	-1.090	-0.955	-0.895	-0.907	-0.959	-0.999
5991	59.90	-0.970	-0.837	-0.596	-0.279	0.064	0.379	0.624	0.782	0.855	0.856

Table 7—25—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.803	0.715	0.612	0.516	0.454	0.444	0.487	0.564	0.631	0.638
6011	60.10	0.550	0.365	0.117	-0.135	-0.328	-0.426	-0.432	-0.380	-0.314	-0.262
6021	60.20	-0.215	-0.135	0.024	0.278	0.591	0.879	1.036	0.979	0.694	0.248
6031	60.30	-0.229	-0.588	-0.719	-0.590	-0.258	0.165	0.552	0.817	0.935	0.938
6041	60.40	0.889	0.844	0.828	0.836	0.845	0.839	0.822	0.812	0.822	0.843
6051	60.50	0.833	0.735	0.508	0.156	-0.258	-0.629	-0.855	-0.882	-0.740	-0.534
6061	60.60	-0.405	-0.468	-0.756	-1.192	-1.632	-1.902	-1.887	-1.569	-1.062	-0.469
6071	60.70	-0.017	0.205	0.179	-0.020	-0.274	-0.467	-0.530	-0.453	-0.276	-0.054
6081	60.80	0.166	0.364	0.535	0.679	0.786	0.839	0.723	0.574	0.413	0.233
6091	60.90	0.283	0.206	0.174	0.147	0.076	-0.075	-0.304	-0.575	-0.824	-0.989
6101	61.00	-1.032	-0.949	-0.769	-0.537	-0.296	-0.079	0.100	0.235	0.323	0.361
6111	61.10	0.348	0.293	0.212	0.134	0.085	0.080	0.119	0.182	0.246	0.295
6121	61.20	0.329	0.366	0.423	0.520	0.651	0.793	0.907	0.961	0.962	0.862
6131	61.30	0.758	0.676	0.656	0.718	0.851	1.026	1.195	1.324	1.386	1.378
6141	61.40	1.312	1.205	1.074	0.922	0.743	0.525	0.268	-0.014	-0.284	-0.493
6151	61.50	-0.596	-0.576	-0.446	-0.263	-0.096	-0.005	-0.013	-0.096	-0.197	-0.250
6161	61.60	-0.217	-0.110	0.013	0.076	0.019	-0.168	-0.435	-0.698	-0.877	-0.938
6171	61.70	-0.913	-0.882	-0.935	-1.125	-1.433	-1.772	-2.023	-2.086	-1.928	-1.592
6181	61.80	-1.180	-0.804	-0.539	-0.394	-0.316	-0.229	-0.073	0.159	0.416	0.613
6191	61.90	0.668	0.536	0.233	-0.176	-0.595	-0.935	-1.130	-1.154	-1.017	-0.752
6201	62.00	-0.495	-0.023	0.350	0.684	0.961	1.174	1.328	1.426	1.469	1.444
6211	62.10	1.334	1.127	0.831	0.476	0.119	-0.181	-0.379	-0.461	-0.446	-0.375
6221	62.20	-0.283	-0.186	-0.074	0.076	0.276	0.510	0.727	0.865	0.875	0.749
6231	62.30	0.536	0.318	0.177	0.160	0.251	0.384	0.473	0.451	0.301	0.065
6241	62.40	-0.179	-0.358	-0.430	-0.493	-0.320	-0.235	-0.185	-0.176	-0.187	-0.196
6251	62.50	-0.195	-0.200	-0.239	-0.333	-0.476	-0.631	-0.740	-0.755	-0.661	-0.483
6261	62.60	-0.280	-0.113	-0.021	-0.001	-0.017	-0.017	0.034	0.135	0.256	0.341
6271	62.70	0.360	0.307	0.218	0.146	0.139	0.207	0.321	0.419	0.437	0.344
6281	62.80	0.153	-0.075	-0.264	-0.355	-0.332	-0.235	-0.139	-0.120	-0.222	-0.432
6291	62.90	-0.607	-0.898	-0.988	-0.927	-0.742	-0.503	-0.294	-0.174	-0.157	-0.209
6301	63.00	-0.268	-0.279	-0.213	-0.085	0.063	0.180	0.239	0.241	0.217	0.207
6311	63.10	0.238	0.313	0.410	0.496	0.549	0.567	0.565	0.568	0.585	0.608
6321	63.20	0.605	0.545	0.410	0.210	-0.013	-0.205	-0.318	-0.332	-0.260	-0.139
6331	63.30	-0.015	0.077	0.127	0.141	0.139	0.137	0.131	0.137	0.108	0.056
6341	63.40	-0.029	-0.133	-0.240	-0.328	-0.381	-0.383	-0.330	-0.225	-0.087	0.052
6351	63.50	0.149	0.163	0.070	-0.129	-0.401	-0.688	-0.932	-1.088	-1.144	-1.119
6361	63.60	-1.052	-0.978	-0.918	-0.867	-0.801	-0.698	-0.544	-0.347	-0.131	0.080
6371	63.70	0.269	0.436	0.580	0.715	0.835	0.925	0.969	0.958	0.898	0.815
6381	63.80	0.737	0.687	0.668	0.665	0.657	0.632	0.594	0.570	0.587	0.663
6391	63.90	0.786	0.919	1.014	1.030	0.956	0.812	0.640	0.484	0.365	0.272
6401	64.00	0.174	0.032	-0.172	-0.428	-0.694	-0.917	-1.048	-1.067	-0.982	-0.826
6411	64.10	-0.637	-0.446	-0.266	-0.093	0.087	0.284	0.495	0.704	0.884	1.005
6421	64.20	1.046	1.006	0.899	0.760	0.625	0.525	0.468	0.439	0.401	0.312
6431	64.30	0.150	-0.074	-0.312	-0.493	-0.554	-0.469	-0.270	-0.041	0.111	0.101
6441	64.40	-0.097	-0.436	-0.812	-1.104	-1.228	-1.167	-0.979	-0.767	-0.632	-0.630
6451	64.50	-0.754	-0.939	-1.102	-1.177	-1.143	-1.028	-0.889	-0.775	-0.713	-0.696
6461	64.60	-0.695	-0.683	-0.655	-0.628	-0.634	-0.697	-0.820	-0.977	-1.127	-1.227
6471	64.70	-1.253	-1.209	-1.120	-1.020	-0.935	-0.874	-0.822	-0.753	-0.633	-0.434
6481	64.80	-0.140	0.245	0.695	1.168	1.612	1.972	2.215	2.329	2.341	2.295
6491	64.90	2.246	2.227	2.240	2.253	2.216	2.089	1.864	1.575	1.284	1.056

Table 7—25—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.927	0.887	0.877	0.820	0.657	0.369	0.000	-0.367	-0.634	-0.725
6511	65.10	-0.615	-0.332	0.051	0.461	0.749	0.912	0.904	0.731	0.435	0.078
6521	65.20	-0.270	-0.545	-0.711	-0.763	-0.739	-0.694	-0.688	-0.753	-0.881	-1.023
6531	65.30	-1.111	-1.092	-0.950	-0.717	-0.461	-0.254	-0.142	-0.129	-0.177	-0.232
6541	65.40	-0.251	-0.225	-0.176	-0.143	-0.151	-0.196	-0.244	-0.248	-0.174	-0.023
6551	65.50	0.166	0.337	0.439	0.455	0.407	0.342	0.304	0.320	0.370	0.415
6561	65.60	0.414	0.349	0.235	0.115	0.035	0.020	0.060	0.116	0.142	0.109
6571	65.70	0.024	-0.073	-0.131	-0.115	-0.028	0.085	0.155	0.119	-0.049	-0.325
6581	65.80	-0.641	-0.909	-1.060	-1.070	-0.966	-0.816	-0.699	-0.673	-0.749	-0.893
6591	65.90	-1.035	-1.104	-1.053	-0.879	-0.623	-0.353	-0.135	-0.008	0.026	0.001
6601	66.00	-0.033	-0.037	0.004	0.075	0.142	0.176	0.164	0.123	0.083	0.073
6611	66.10	0.101	0.147	0.168	0.122	-0.013	-0.225	-0.468	-0.685	-0.828	-0.878
6621	66.20	-0.846	-0.766	-0.674	-0.590	-0.518	-0.455	-0.385	-0.328	-0.298	-0.308
6631	66.30	-0.351	-0.390	-0.369	-0.234	0.035	0.410	0.816	1.158	1.359	1.396
6641	66.40	1.313	1.196	1.143	1.214	1.408	1.661	1.880	1.978	1.917	1.717
6651	66.50	1.443	1.176	0.971	0.866	0.765	0.686	0.564	0.386	0.174	-0.025
6661	66.60	-0.165	-0.217	-0.189	-0.114	-0.041	-0.013	-0.054	-0.159	-0.304	-0.453
6671	66.70	-0.576	-0.657	-0.701	-0.728	-0.766	-0.832	-0.938	-1.071	-1.203	-1.299
6681	66.80	-1.327	-1.271	-1.140	-0.960	-0.771	-0.610	-0.500	-0.444	-0.425	-0.416
6691	66.90	-0.386	-0.312	-0.183	-0.005	0.207	0.424	0.615	0.744	0.787	0.733
6701	67.00	0.594	0.406	0.220	0.085	0.032	0.060	0.131	0.190	0.182	0.083
6711	67.10	-0.088	-0.276	-0.409	-0.435	-0.344	-0.179	-0.021	0.045	-0.032	-0.245
6721	67.20	-0.528	-0.778	-0.896	-0.826	-0.579	-0.223	0.138	0.413	0.548	0.552
6731	67.30	0.477	0.397	0.370	0.417	0.513	0.610	0.657	0.630	0.562	0.435
6741	67.40	0.362	0.356	0.414	0.505	0.578	0.599	0.562	0.502	0.472	0.520
6751	67.50	0.655	0.838	0.993	1.033	0.904	0.618	0.240	-0.116	-0.340	-0.371
6761	67.60	-0.216	0.049	0.313	0.477	0.490	0.368	0.207	0.011	-0.072	-0.049
6771	67.70	0.050	0.166	0.234	0.230	0.159	0.060	-0.027	-0.073	-0.083	-0.083
6781	67.80	-0.108	-0.180	-0.296	-0.430	-0.547	-0.622	-0.651	-0.653	-0.657	-0.683
6791	67.90	-0.725	-0.756	-0.735	-0.631	-0.443	-0.211	-0.002	0.117	0.101	-0.041
6801	68.00	-0.255	-0.455	-0.556	-0.520	-0.358	-0.136	0.058	0.150	0.111	-0.031
6811	68.10	-0.208	-0.345	-0.395	-0.382	-0.294	-0.258	-0.300	-0.422	-0.573	-0.674
6821	68.20	-0.656	-0.494	-0.224	0.074	0.308	0.417	0.397	0.299	0.200	0.161
6831	68.30	0.201	0.288	0.360	0.363	0.281	0.152	0.066	0.030	0.130	0.313
6841	68.40	0.499	0.593	0.535	0.325	0.028	-0.258	-0.439	-0.473	-0.377	-0.224
6851	68.50	-0.101	-0.074	-0.158	-0.316	-0.479	-0.575	-0.558	-0.427	-0.218	0.013
6861	68.60	0.211	0.343	0.402	0.406	0.385	0.372	0.387	0.435	0.505	0.570
6871	68.70	0.664	0.587	0.516	0.405	0.286	0.189	0.133	0.114	0.105	0.064
6881	68.80	-0.043	-0.226	-0.461	-0.700	-0.885	-0.973	-0.953	-0.850	-0.708	-0.577
6891	68.90	-0.488	-0.444	-0.427	-0.408	-0.362	-0.279	-0.160	-0.010	0.166	0.365
6901	69.00	0.576	0.774	0.920	0.964	0.871	0.640	0.314	-0.026	-0.287	-0.402
6911	69.10	-0.356	-0.196	-0.016	0.089	0.054	-0.119	-0.368	-0.595	-0.708	-0.660
6921	69.20	-0.469	-0.207	0.033	0.174	0.186	0.101	-0.011	-0.066	-0.005	0.182
6931	69.30	0.353	0.727	0.917	0.959	0.832	0.569	0.240	-0.067	-0.279	-0.358
6941	69.40	-0.310	-0.475	-0.616	-0.669	-0.655	-0.469	-0.082	0.001	-0.065	-0.096
6951	69.50	-0.095	-0.075	-0.047	-0.019	0.015	0.067	0.142	0.239	0.343	0.429
6961	69.60	0.476	0.474	0.426	0.349	0.265	0.189	0.128	0.075	0.018	-0.056
6971	69.70	-0.158	-0.286	-0.433	-0.582	-0.709	-0.793	-0.813	-0.761	-0.643	-0.484
6981	69.80	-0.317	-0.181	-0.102	-0.084	-0.108	-0.139	-0.140	-0.089	0.012	0.141
6991	69.90	0.266	0.363	0.428	0.473	0.517	0.589	0.622	0.648	0.615	0.503

Table 7—25—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.321	0.106	-0.092	-0.231	-0.295	-0.302	-0.291	-0.305	-0.363	-0.454
7011	70.10	-0.562	-0.583	-0.552	-0.452	-0.312	-0.175	-0.074	-0.018	0.005	0.021
7021	70.20	0.051	0.096	0.131	0.135	0.087	-0.011	-0.133	-0.244	-0.311	-0.326
7031	70.30	-0.086	-0.276	-0.279	-0.330	-0.428	-0.547	-0.651	-0.708	-0.700	-0.625
7041	70.40	-0.502	-0.359	-0.227	-0.134	-0.094	-0.108	-0.155	-0.201	-0.202	-0.125
7051	70.50	0.044	0.285	0.550	0.778	0.918	0.951	0.898	0.814	0.762	0.785
7061	70.60	0.892	1.047	1.193	1.271	1.252	1.140	0.969	0.783	0.615	0.474
7071	70.70	0.349	0.229	0.114	0.026	-0.003	0.054	0.195	0.383	0.548	0.621
7081	70.80	0.559	0.365	0.095	-0.169	-0.346	-0.393	-0.316	-0.170	-0.031	0.036
7091	70.90	0.000	-0.123	-0.285	-0.425	-0.498	-0.485	-0.403	-0.287	-0.180	-0.109
7101	71.00	-0.082	-0.085	-0.094	-0.083	-0.037	0.066	0.157	0.280	0.395	0.486
7111	71.10	0.538	0.538	0.479	0.355	0.173	-0.047	-0.273	-0.460	-0.568	-0.570
7121	71.20	-0.468	-0.298	-0.118	0.005	0.021	-0.081	-0.269	-0.480	-0.539	-0.493
7131	71.30	-0.633	-0.496	-0.348	-0.259	-0.265	-0.353	-0.467	-0.525	-0.462	-0.251
7141	71.40	0.076	0.447	0.771	0.978	1.035	0.954	0.783	0.576	0.378	0.213
7151	71.50	0.088	0.000	-0.047	-0.046	0.010	0.114	0.240	0.346	0.386	0.331
7161	71.60	0.182	-0.025	-0.235	-0.399	-0.490	-0.520	-0.527	-0.556	-0.638	-0.770
7171	71.70	-0.913	-1.015	-1.030	-0.939	-0.764	-0.554	-0.364	-0.237	-0.183	-0.184
7181	71.80	-0.202	-0.203	-0.167	-0.100	-0.023	0.037	0.064	0.060	0.042	0.033
7191	71.90	0.069	0.091	0.145	0.186	0.197	0.171	0.117	0.059	0.020	0.012
7201	72.00	0.031	0.052	0.044	-0.016	-0.135	-0.295	-0.460	-0.585	-0.642	-0.628
7211	72.10	-0.565	-0.500	-0.473	-0.509	-0.598	-0.701	-0.770	-0.769	-0.694	-0.577
7221	72.20	-0.476	-0.446	-0.508	-0.642	-0.782	-0.848	-0.779	-0.558	-0.226	0.135
7231	72.30	0.438	0.624	0.684	0.664	0.636	0.666	0.776	0.968	1.119	1.218
7241	72.40	1.194	1.039	0.785	0.490	0.209	-0.027	-0.215	-0.374	-0.527	-0.679
7251	72.50	-0.809	-0.883	-0.864	-0.733	-0.504	-0.220	0.063	0.291	0.434	0.491
7261	72.60	0.490	0.473	0.478	0.529	0.624	0.745	0.860	0.940	0.966	0.939
7271	72.70	0.871	0.786	0.706	0.647	0.612	0.597	0.591	0.588	0.583	0.581
7281	72.80	0.586	0.602	0.628	0.660	0.692	0.724	0.760	0.805	0.861	0.917
7291	72.90	0.946	0.918	0.806	0.605	0.339	0.055	-0.189	-0.349	-0.412	-0.402
7301	73.00	-0.370	-0.365	-0.414	-0.507	-0.598	-0.632	-0.572	-0.421	-0.225	-0.059
7311	73.10	0.007	-0.062	-0.251	-0.501	-0.736	-0.895	-0.955	-0.941	-0.905	-0.903
7321	73.20	-0.966	-1.090	-1.234	-1.347	-1.386	-1.353	-1.199	-1.014	-0.807	-0.602
7331	73.30	-0.404	-0.212	-0.025	0.153	0.305	0.415	0.473	0.481	0.455	0.416
7341	73.40	0.379	0.350	0.323	0.288	0.239	0.183	0.140	0.135	0.186	0.293
7351	73.50	0.435	0.571	0.659	0.666	0.582	0.424	0.228	0.034	-0.120	-0.220
7361	73.60	-0.268	-0.283	-0.288	-0.303	-0.329	-0.353	-0.353	-0.305	-0.195	-0.025
7371	73.70	0.186	0.408	0.608	0.766	0.875	0.940	0.975	0.988	0.977	0.925
7381	73.80	0.814	0.632	0.383	0.098	-0.175	-0.387	-0.502	-0.513	-0.444	-0.338
7391	73.90	-0.244	-0.191	-0.185	-0.206	-0.227	-0.225	-0.198	-0.161	-0.142	-0.159
7401	74.00	-0.210	-0.271	-0.307	-0.293	-0.224	-0.129	-0.055	-0.049	-0.129	-0.276
7411	74.10	-0.438	-0.546	-0.549	-0.437	-0.242	-0.032	0.120	0.171	0.116	-0.005
7421	74.20	-0.131	-0.208	-0.210	-0.149	-0.066	-0.006	0.003	-0.039	-0.105	-0.156
7431	74.30	-0.161	-0.108	-0.009	0.115	0.242	0.365	0.488	0.622	0.764	0.898
7441	74.40	0.992	1.010	0.929	0.753	0.512	0.256	0.031	-0.133	-0.237	-0.305
7451	74.50	-0.375	-0.471	-0.600	-0.741	-0.860	-0.924	-0.914	-0.839	-0.726	-0.610
7461	74.60	-0.520	-0.468	-0.444	-0.427	-0.396	-0.339	-0.259	-0.173	-0.099	-0.050
7471	74.70	-0.026	-0.017	-0.002	0.032	0.088	0.159	0.228	0.278	0.305	0.322
7481	74.80	0.347	0.403	0.501	0.627	0.749	0.819	0.797	0.662	0.436	0.162
7491	74.90	-0.085	-0.242	-0.276	-0.192	-0.039	0.115	0.208	0.205	0.116	-0.014

Table 7—25—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	-0.123	-0.158	-0.098	0.038	0.197	0.318	0.355	0.291	0.145	-0.039
7511	75.10	-0.211	-0.334	-0.391	-0.387	-0.340	-0.267	-0.101	-0.083	0.030	0.156
7521	75.20	0.289	0.415	0.519	0.590	0.626	0.631	0.812	0.570	0.503	0.407
7531	75.30	0.283	0.140	0.001	-0.107	-0.160	-0.150	-0.088	-0.000	0.082	0.136
7541	75.40	0.155	0.149	0.139	0.138	0.151	0.164	0.156	0.109	0.022	-0.092
7551	75.50	-0.203	-0.284	-0.323	-0.324	-0.310	-0.308	-0.335	-0.392	-0.460	-0.510
7561	75.60	-0.522	-0.486	-0.416	-0.335	-0.270	-0.236	-0.235	-0.261	-0.299	-0.342
7571	75.70	-0.392	-0.456	-0.539	-0.640	-0.747	-0.842	-0.908	-0.937	-0.935	-0.916
7581	75.80	-0.877	-0.862	-0.833	-0.775	-0.680	-0.553	-0.413	-0.283	-0.188	
7591	75.90	-0.137	-0.129	-0.149	-0.176	-0.190	-0.178	-0.134	-0.060	0.038	0.149
7601	76.00	0.261	0.358	0.430	0.471	0.484	0.480	0.475	0.483	0.508	0.538
7611	76.10	0.552	0.529	0.453	0.331	0.188	0.065	-0.002	0.012	0.104	0.245
7621	76.20	0.389	0.489	0.509	0.435	0.280	0.072	-0.150	-0.347	-0.487	-0.551
7631	76.30	-0.528	-0.421	-0.247	-0.033	0.189	0.382	0.521	0.595	0.613	0.600
7641	76.40	0.586	0.598	0.646	0.722	0.802	0.862	0.884	0.868	0.827	0.786
7651	76.50	0.753	0.766	0.785	0.798	0.784	0.727	0.631	0.520	0.423	0.370
7661	76.60	0.377	0.440	0.537	0.636	0.707	0.736	0.725	0.693	0.666	0.657
7671	76.70	0.673	0.694	0.690	0.630	0.494	0.286	0.032	-0.224	-0.436	-0.573
7681	76.80	-0.629	-0.623	-0.593	-0.582	-0.621	-0.720	-0.871	-1.047	-1.219	-1.359
7691	76.90	-1.450	-1.486	-1.470	-1.407	-1.308	-1.185	-1.052	-0.925	-0.813	-0.722
7701	77.00	-0.646	-0.573	-0.491	-0.394	-0.289	-0.191	-0.119	-0.083	-0.078	-0.079
7711	77.10	-0.058	0.010	0.130	0.283	0.435	0.549	0.605	0.605	0.569	0.524
7721	77.20	0.484	0.445	0.386	0.285	0.134	-0.044	-0.203	-0.295	-0.291	-0.204
7731	77.30	-0.082	0.005	-0.000	-0.111	-0.289	-0.454	-0.521	-0.432	-0.186	0.162
7741	77.40	0.521	0.802	0.969	0.959	0.872	0.750	0.652	0.610	0.626	0.677
7751	77.50	0.733	0.768	0.766	0.713	0.613	0.468	0.291	0.107	-0.050	-0.144
7761	77.60	-0.154	-0.084	0.034	0.146	0.199	0.164	0.046	-0.115	-0.265	-0.356
7771	77.70	-0.365	-0.303	-0.203	-0.100	-0.016	0.046	0.099	0.157	0.220	0.275
7781	77.80	0.300	0.275	0.198	0.081	-0.056	-0.199	-0.345	-0.504	-0.685	-0.882
7791	77.90	-1.069	-1.208	-1.257	-1.208	-1.082	-0.930	-0.810	-0.758	-0.769	-0.803
7801	78.00	-0.800	-0.717	-0.549	-0.339	-0.155	-0.063	-0.093	-0.226	-0.403	-0.554
7811	78.10	-0.627	-0.613	-0.540	-0.453	-0.389	-0.357	-0.337	-0.297	-0.215	-0.096
7821	78.20	0.028	0.116	0.138	0.093	0.009	-0.074	-0.121	-0.121	-0.088	-0.050
7831	78.30	-0.026	-0.017	-0.001	0.050	0.153	0.296	0.443	0.544	0.564	0.499
7841	78.40	0.380	0.258	0.182	0.172	0.215	0.268	0.288	0.250	0.164	0.066
7851	78.50	0.007	0.019	0.105	0.235	0.359	0.433	0.437	0.381	0.301	0.238
7861	78.60	0.221	0.258	0.335	0.424	0.500	0.548	0.565	0.560	0.541	0.518
7871	78.70	0.495	0.475	0.462	0.460	0.471	0.489	0.506	0.508	0.488	0.448
7881	78.80	0.408	0.394	0.430	0.523	0.658	0.795	0.887	0.896	0.809	0.643
7891	78.90	0.440	0.246	0.096	-0.005	-0.074	-0.144	-0.240	-0.367	-0.504	-0.620
7901	79.00	-0.683	-0.684	-0.639	-0.585	-0.556	-0.568	-0.609	-0.640	-0.614	-0.502
7911	79.10	-0.307	-0.065	0.168	0.340	0.425	0.431	0.391	0.344	0.313	0.297
7921	79.20	0.273	0.212	0.104	-0.037	-0.175	-0.271	-0.303	-0.282	-0.249	-0.253
7931	79.30	-0.328	-0.473	-0.652	-0.808	-0.890	-0.886	-0.812	-0.726	-0.681	-0.706
7941	79.40	-0.794	-0.903	-0.984	-1.003	-0.960	-0.887	-0.825	-0.800	-0.808	-0.811
7951	79.50	-0.761	-0.627	-0.413	-0.182	0.060	0.202	0.247	0.222	0.188	0.206
7961	79.60	0.301	0.461	0.629	0.737	0.736	0.623	0.439	0.255	0.136	0.114
7971	79.70	0.186	0.313	0.442	0.534	0.573	0.567	0.534	0.486	0.429	0.359
7981	79.80	0.278	0.200	0.154	0.169	0.261	0.419	0.601	0.768	0.812	0.773
7991	79.90	0.653	0.503	0.388	0.349	0.393	0.490	0.586	0.632	0.605	0.517

Table 7—25—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.405	0.314	0.268	0.268	0.285	0.283	0.232	0.128	-0.010	-0.144
8011	80.10	-0.242	-0.284	-0.274	-0.234	-0.192	-0.170	-0.211	-0.211	-0.259	-0.310
8021	80.20	-0.361	-0.412	-0.466	-0.523	-0.574	-0.605	-0.603	-0.558	-0.474	-0.364
8031	80.30	-0.253	-0.168	-0.128	-0.142	-0.199	-0.277	-0.347	-0.382	-0.367	-0.310
8041	80.40	-0.234	-0.174	-0.160	-0.206	-0.298	-0.400	-0.464	-0.450	-0.347	-0.174
8051	80.50	0.019	0.172	0.237	0.199	0.077	-0.084	-0.234	-0.337	-0.384	-0.387
8061	80.60	-0.373	-0.361	-0.354	-0.338	-0.297	-0.223	-0.124	-0.025	0.048	0.084
8071	80.70	0.095	0.113	0.177	0.306	0.489	0.684	0.832	0.885	0.828	0.684
8081	80.80	0.507	0.356	0.269	0.243	0.248	0.235	0.172	0.060	-0.064	-0.143
8091	80.90	-0.131	-0.014	0.174	0.365	0.483	0.475	0.336	0.107	-0.136	-0.312
8101	81.00	-0.369	-0.299	-0.137	0.053	0.207	0.281	0.269	0.197	0.108	0.046
8111	81.10	0.036	0.077	0.148	0.219	0.267	0.285	0.287	0.293	0.320	0.370
8121	81.20	0.422	0.439	0.385	0.241	0.021	-0.228	-0.442	-0.557	-0.560	-0.401
8131	81.30	-0.192	0.012	0.138	0.147	0.045	-0.119	-0.275	-0.357	-0.332	-0.210
8141	81.40	-0.036	0.129	0.229	0.237	0.160	0.029	-0.115	-0.239	-0.328	-0.385
8151	81.50	-0.420	-0.435	-0.463	-0.462	-0.439	-0.390	-0.320	-0.248	-0.190	-0.157
8161	81.60	-0.266	-0.138	-0.113	-0.057	0.026	0.111	0.165	0.155	0.071	-0.069
8171	81.70	-0.225	-0.369	-0.403	-0.381	-0.309	-0.232	-0.196	-0.223	-0.303	-0.392
8181	81.80	-0.439	-0.402	-0.278	-0.099	0.075	0.183	0.188	0.093	-0.062	-0.221
8191	81.90	-0.330	-0.365	-0.332	-0.264	-0.197	-0.153	-0.135	-0.123	-0.091	-0.025
8201	82.00	0.074	0.182	0.269	0.308	0.287	0.211	0.100	-0.022	-0.131	-0.210
8211	82.10	-0.249	-0.289	-0.178	-0.067	0.083	0.253	0.422	0.565	0.671	0.740
8221	82.20	0.783	0.815	0.850	0.886	0.913	0.913	0.872	0.782	0.648	0.482
8231	82.30	0.300	0.116	-0.060	-0.213	-0.331	-0.400	-0.410	-0.367	-0.293	-0.223
8241	82.40	-0.193	-0.222	-0.303	-0.400	-0.461	-0.445	-0.336	-0.159	0.029	0.166
8251	82.50	0.204	0.135	-0.009	-0.172	-0.300	-0.360	-0.351	-0.298	-0.228	-0.157
8261	82.60	-0.077	0.038	0.210	0.440	0.702	0.943	1.111	1.168	1.114	0.978
8271	82.70	0.807	0.645	0.509	0.390	0.261	0.100	-0.099	-0.309	-0.485	-0.577
8281	82.80	-0.558	-0.430	-0.231	-0.017	0.155	0.247	0.250	0.185	0.086	-0.012
8291	82.90	-0.086	-0.128	-0.151	-0.171	-0.206	-0.265	-0.349	-0.445	-0.540	-0.618
8301	83.00	-0.667	-0.683	-0.664	-0.609	-0.520	-0.398	-0.245	-0.072	0.104	0.257
8311	83.10	0.358	0.381	0.315	0.169	-0.026	-0.228	-0.397	-0.505	-0.549	-0.547
8321	83.20	-0.528	-0.518	-0.525	-0.533	-0.513	-0.434	-0.284	-0.076	0.150	0.340
8331	83.30	0.450	0.459	0.384	0.266	0.161	0.116	0.150	0.254	0.395	0.534
8341	83.40	0.638	0.695	0.710	0.701	0.689	0.685	0.690	0.696	0.690	0.660
8351	83.50	0.602	0.511	0.391	0.268	0.097	-0.043	-0.146	-0.188	-0.157	-0.062
8361	83.60	0.067	0.179	0.222	0.160	-0.006	-0.241	-0.478	-0.647	-0.697	-0.619
8371	83.70	-0.449	-0.253	-0.105	-0.057	-0.123	-0.275	-0.461	-0.623	-0.726	-0.767
8381	83.80	-0.770	-0.774	-0.813	-0.894	-0.998	-1.086	-1.115	-1.057	-0.913	-0.712
8391	83.90	-0.501	-0.327	-0.220	-0.184	-0.193	-0.210	-0.197	-0.137	-0.036	0.077
8401	84.00	0.163	0.195	0.167	0.100	0.035	0.012	0.054	0.153	0.276	0.375
8411	84.10	0.412	0.377	0.293	0.206	0.164	0.195	0.293	0.420	0.527	0.572
8421	84.20	0.548	0.478	0.408	0.383	0.425	0.522	0.638	0.727	0.761	0.733
8431	84.30	0.664	0.585	0.515	0.454	0.383	0.277	0.124	-0.063	-0.248	-0.385
8441	84.40	-0.441	-0.411	-0.319	-0.208	-0.123	-0.083	-0.085	-0.104	-0.110	-0.088
8451	84.50	-0.045	-0.001	0.020	0.012	-0.013	-0.024	0.007	0.091	0.210	0.323
8461	84.60	0.381	0.350	0.227	0.042	-0.155	-0.314	-0.407	-0.438	-0.439	-0.450
8471	84.70	-0.500	-0.592	-0.700	-0.781	-0.796	-0.724	-0.578	-0.395	-0.226	-0.106
8481	84.80	-0.050	-0.042	-0.044	-0.017	0.066	0.201	0.358	0.493	0.567	0.565
8491	84.90	0.503	0.424	0.379	0.409	0.522	0.696	0.882	1.026	1.092	1.071

Table 7—25—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.986	0.879	0.794	0.759	0.776	0.826	0.877	0.900	0.877	0.809
8511	85.10	0.711	0.604	0.508	0.438	0.398	0.379	0.367	0.344	0.291	0.197
8521	85.20	0.064	-0.097	-0.261	-0.403	-0.506	-0.568	-0.606	-0.645	-0.713	-0.819
8531	85.30	-0.954	-1.091	-1.196	-1.245	-1.232	-1.173	-1.096	-1.027	-0.977	-0.939
8541	85.40	-0.897	-0.834	-0.748	-0.648	-0.556	-0.489	-0.456	-0.446	-0.446	-0.441
8551	85.50	-0.431	-0.427	-0.442	-0.479	-0.525	-0.547	-0.513	-0.408	-0.244	-0.066
8561	85.60	0.070	0.119	0.068	-0.054	-0.194	-0.295	-0.322	-0.280	-0.204	-0.141
8571	85.70	-0.124	-0.154	-0.199	-0.213	-0.162	-0.036	0.139	0.317	0.455	0.529
8581	85.80	0.547	0.538	0.534	0.558	0.609	0.664	0.697	0.689	0.637	0.557
8591	85.90	0.473	0.404	0.358	0.331	0.310	0.287	0.257	0.227	0.206	0.202
8601	86.00	0.220	0.254	0.298	0.362	0.378	0.402	0.412	0.408	0.392	0.367
8611	86.10	0.337	0.301	0.257	0.199	0.122	0.028	-0.069	-0.146	-0.176	-0.139
8621	86.20	-0.035	0.109	0.248	0.330	0.321	0.216	0.044	-0.142	-0.291	-0.371
8631	86.30	-0.385	-0.365	-0.353	-0.385	-0.467	-0.579	-0.679	-0.727	-0.701	-0.601
8641	86.40	-0.447	-0.266	-0.083	0.088	0.237	0.357	0.435	0.456	0.414	0.320
8651	86.50	0.204	0.108	0.073	0.114	0.211	0.317	0.376	0.347	0.227	0.055
8661	86.60	-0.105	-0.188	-0.162	-0.039	0.128	0.271	0.332	0.289	0.164	0.013
8671	86.70	-0.105	-0.147	-0.108	-0.018	0.075	0.115	0.079	-0.034	-0.196	-0.366
8681	86.80	-0.505	-0.590	-0.618	-0.602	-0.566	-0.521	-0.481	-0.439	-0.380	-0.290
8691	86.90	-0.159	0.007	0.190	0.364	0.500	0.578	0.593	0.554	0.485	0.409
8701	87.00	0.348	0.312	0.299	0.303	0.312	0.320	0.324	0.323	0.315	0.295
8711	87.10	0.260	0.206	0.136	0.062	-0.003	-0.046	-0.061	-0.052	-0.033	-0.020
8721	87.20	-0.025	-0.049	-0.085	-0.122	-0.152	-0.175	-0.201	-0.245	-0.316	-0.414
8731	87.30	-0.527	-0.634	-0.715	-0.760	-0.766	-0.741	-0.697	-0.641	-0.576	-0.496
8741	87.40	-0.398	-0.286	-0.171	-0.071	-0.007	0.009	-0.028	-0.109	-0.218	-0.336
8751	87.50	-0.444	-0.527	-0.572	-0.571	-0.519	-0.417	-0.273	-0.107	0.059	0.200
8761	87.60	0.300	0.357	0.380	0.387	0.397	0.417	0.446	0.471	0.479	0.460
8771	87.70	0.418	0.366	0.324	0.307	0.322	0.363	0.415	0.457	0.471	0.449
8781	87.80	0.387	0.295	0.188	0.086	0.013	-0.012	0.020	0.105	0.226	0.347
8791	87.90	0.434	0.460	0.417	0.321	0.206	0.108	0.054	0.041	0.047	0.036
8801	88.00	-0.026	-0.141	-0.290	-0.431	-0.521	-0.536	-0.484	-0.398	-0.325	-0.300
8811	88.10	-0.331	-0.397	-0.458	-0.479	-0.443	-0.366	-0.279	-0.221	-0.209	-0.235
8821	88.20	-0.272	-0.284	-0.255	-0.190	-0.120	-0.083	-0.104	-0.184	-0.294	-0.393
8831	88.30	-0.446	-0.431	-0.357	-0.247	-0.121	0.011	0.154	0.319	0.513	0.723
8841	88.40	0.920	1.066	1.133	1.114	1.032	0.927	0.840	0.797	0.799	0.826
8851	88.50	0.847	0.838	0.794	0.722	0.640	0.565	0.505	0.456	0.415	0.377
8861	88.60	0.343	0.318	0.302	0.291	0.274	0.238	0.177	0.094	-0.001	-0.095
8871	88.70	-0.178	-0.250	-0.315	-0.378	-0.434	-0.471	-0.477	-0.469	-0.603	-0.371
8881	88.80	-0.387	-0.467	-0.595	-0.721	-0.780	-0.720	-0.530	-0.252	0.032	0.232
8891	88.90	0.287	0.193	0.003	-0.195	-0.324	-0.343	-0.269	-0.157	-0.075	-0.064
8901	89.00	-0.123	-0.211	-0.276	-0.277	-0.212	-0.111	-0.020	0.028	0.033	0.024
8911	89.10	0.044	0.124	0.259	0.411	0.523	0.551	0.480	0.339	0.184	0.074
8921	89.20	0.043	0.085	0.164	0.226	0.229	0.162	0.040	-0.097	-0.210	-0.274
8931	89.30	-0.289	-0.273	-0.252	-0.244	-0.255	-0.279	-0.300	-0.308	-0.303	-0.295
8941	89.40	-0.302	-0.344	-0.431	-0.560	-0.715	-0.868	-0.988	-1.050	-1.045	-0.983
8951	89.50	-0.892	-0.805	-0.750	-0.737	-0.755	-0.772	-0.753	-0.670	-0.522	-0.332
8961	89.60	-0.140	0.010	0.093	0.108	0.075	0.027	-0.007	-0.013	0.001	0.019
8971	89.70	0.023	0.007	-0.020	-0.043	-0.045	-0.019	0.026	0.073	0.104	0.108
8981	89.80	0.086	0.050	0.013	-0.013	-0.028	-0.038	-0.050	-0.070	-0.093	-0.111
8991	89.90	-0.113	-0.090	-0.042	0.027	0.105	0.186	0.264	0.341	0.421	0.510

Table 7—25—19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1172 S1401-GR-1-1 U-D (U-D) TONEGAWA ES. MAX. ACC. = 11.531 (GAL) T= 21.80 (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	0.610	0.721	0.838	0.953	1.056	1.136	1.184	1.197	1.178	1.135
9011	90.10	1.080	1.024	0.968	0.909	0.836	0.740	0.617	0.478	0.340	0.225
9021	90.20	0.168	0.113	0.109	0.121	0.135	0.147	0.165	0.202	0.267	0.351
9031	90.30	0.435	0.490	0.495	0.467	0.369	0.298	0.270	0.301	0.376	0.455
9041	90.40	0.484	0.425	0.271	0.052	-0.178	-0.358	-0.452	-0.455	-0.396	-0.323
9051	90.50	-0.277	-0.281	-0.329	-0.397	-0.459	-0.502	-0.531	-0.567	-0.427	-0.718
9061	90.60	-0.822	-0.912	-0.955	-0.938	-0.870	-0.782	-0.709	-0.675	-0.677	-0.684
9071	90.70	-0.656	-0.557	-0.385	-0.163	0.042	0.171	0.180	0.070	-0.118	-0.315
9081	90.80	-0.451	-0.682	-0.408	-0.267	-0.118	-0.013	0.023	0.003	-0.033	-0.039
9091	90.90	0.015	0.126	0.258	0.362	0.393	0.338	0.217	0.078	-0.021	-0.039
9101	91.00	0.037	0.180	0.344	0.475	0.538	0.524	0.453	0.358	0.269	0.201
9111	91.10	0.144	0.074	-0.036	-0.197	-0.396	-0.596	-0.750	-0.818	-0.783	-0.662
9121	91.20	-0.497	-0.341	-0.238	-0.203	-0.222	-0.257	-0.267	-0.224	-0.130	-0.014
9131	91.30	0.082	0.124	0.105	0.047	-0.004	-0.003	0.077	0.227	0.407	0.561
9141	91.40	0.643	0.633	0.549	0.433	0.331	0.276	0.268	0.285	0.292	0.268
9151	91.50	0.213	0.154	0.129	0.166	0.266	0.401	0.522	0.581	0.552	0.440
9161	91.60	0.277	0.108	-0.030	-0.123	-0.177	-0.210	-0.236	-0.256	-0.254	-0.209
9171	91.70	-0.111	0.027	0.173	0.280	0.312	0.258	0.139	-0.002	-0.114	-0.163
9181	91.80	-0.143	-0.079	-0.011	0.022	0.001	-0.067	-0.153	-0.222	-0.249	-0.224
9191	91.90	-0.158	-0.074	0.005	0.061	0.090	0.096	0.086	0.065	0.040	0.015
9201	92.00	-0.004	-0.010	0.002	0.029	0.059	0.072	0.049	-0.019	-0.127	-0.252
9211	92.10	-0.361	-0.426	-0.431	-0.383	-0.300	-0.211	-0.135	-0.079	-0.035	0.011
9221	92.20	0.071	0.144	0.219	0.280	0.314	0.317	0.300	0.277	0.262	0.257
9231	92.30	0.260	0.260	0.256	0.252	0.263	0.300	0.364	0.440	0.496	0.499
9241	92.40	0.428	0.289	0.111	-0.062	-0.187	-0.246	-0.245	-0.217	-0.199	-0.217
9251	92.50	-0.273	-0.347	-0.406	-0.428	-0.407	-0.361	-0.319	-0.307	-0.333	-0.385
9261	92.60	-0.433	-0.451	-0.423	-0.359	-0.285	-0.231	-0.218	-0.268	-0.301	-0.347
9271	92.70	-0.362	-0.336	-0.276	-0.206	-0.153	-0.136	-0.157	-0.204	-0.254	-0.281
9281	92.80	-0.264	-0.193	-0.071	0.083	0.243	0.373	0.443	0.433	0.343	0.193
9291	92.90	0.022	-0.123	-0.203	-0.200	-0.125	-0.013	0.089	0.141	0.123	0.046
9301	93.00	-0.058	-0.149	-0.194	-0.182	-0.125	-0.055	-0.004	0.007	-0.023	-0.075
9311	93.10	-0.119	-0.128	-0.088	-0.003	0.107	0.215	0.297	0.336	0.332	0.292
9321	93.20	0.229	0.152	0.069	-0.018	-0.108	-0.196	-0.275	-0.331	-0.353	-0.335
9331	93.30	-0.278	-0.193	-0.096	-0.003	0.076	0.138	0.188	0.234	0.281	0.328
9341	93.40	0.365	0.383	0.374	0.339	0.293	0.255	0.247	0.280	0.369	0.433
9351	93.50	0.592	0.525	0.486	0.387	0.252	0.115	0.009	-0.069	-0.059	-0.043
9361	93.60	-0.032	-0.053	-0.113	-0.198	-0.275	-0.304	-0.256	-0.128	0.056	0.247
9371	93.70	0.390	0.442	0.389	0.250	0.071	-0.092	-0.195	-0.218	-0.169	

Table 7—26—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	-0.143	-0.233	-0.071	0.284	0.684	0.961	1.002	0.798	0.441
11	0.10	0.064	-0.226	-0.392	-0.482	-0.561	-0.668	-0.766	-0.755	-0.526	-0.045
21	0.20	0.611	1.244	1.632	1.620	1.214	0.588	0.022	-0.225	-0.061	0.488
31	0.30	1.106	1.509	1.488	1.029	0.321	-0.334	-0.664	-0.555	-0.102	0.443
41	0.40	0.801	0.800	0.459	-0.032	-0.412	-0.684	-0.213	0.260	0.696	0.882
51	0.50	0.760	0.356	-0.068	-0.327	-0.325	-0.116	0.123	0.201	0.017	-0.377
61	0.60	-0.802	-1.043	-0.964	-0.582	-0.061	0.374	0.546	0.414	0.085	-0.256
71	0.70	-0.452	-0.467	-0.404	-0.448	-0.758	-1.372	-2.167	-2.916	-3.386	-3.451
81	0.80	-3.148	-2.651	-2.181	-1.906	-1.872	-2.005	-2.176	-2.278	-2.275	-2.198
91	0.90	-2.092	-1.957	-1.752	-1.323	-0.704	0.071	0.806	1.257	1.244	0.752
101	1.00	-0.037	-0.816	-1.290	-1.328	-1.028	-0.474	-0.582	-0.931	-1.668	-2.428
111	1.10	-2.878	-2.711	-1.898	-0.695	0.478	1.241	1.438	1.205	0.888	0.848
121	1.20	1.255	1.982	2.653	2.828	2.228	0.896	-0.795	-2.290	-3.076	-2.891
131	1.30	-1.820	-0.237	1.360	2.540	3.072	2.962	2.381	1.565	0.726	0.016
141	1.40	-0.466	-0.651	-0.489	0.018	0.767	1.660	2.361	2.678	2.549	2.012
151	1.50	1.258	0.522	-0.022	-0.335	-0.503	-0.662	-0.890	-1.142	-1.261	-1.078
161	1.60	-0.532	0.258	1.012	1.414	1.277	0.659	-0.132	-0.665	-0.595	0.161
171	1.70	1.361	2.534	3.191	3.060	2.218	1.068	0.150	-0.111	0.399	1.426
181	1.80	2.471	3.022	2.791	1.861	0.567	-0.586	-1.152	-1.024	-0.383	0.384
191	1.90	0.888	0.916	0.519	-0.037	-0.628	-0.437	-0.072	0.449	0.809	0.759
201	2.00	0.269	-0.543	-1.292	-1.683	-1.559	-0.998	-0.271	0.296	0.483	0.293
211	2.10	-0.063	-0.175	0.194	1.148	2.494	3.826	4.687	4.770	4.055	2.820
221	2.20	1.525	0.612	0.320	0.580	1.064	1.342	1.083	0.213	-1.051	-2.289
231	2.30	-3.066	-3.101	-2.604	-1.243	-0.042	0.787	0.985	0.524	-0.425	-1.571
241	2.40	-2.614	-3.327	-3.597	-3.421	-2.885	-2.138	-1.303	-0.750	-0.453	-0.542
251	2.50	-0.964	-1.542	-2.023	-2.167	-1.845	-1.103	-0.167	0.740	1.317	1.489
261	2.60	1.337	1.062	0.866	0.838	0.902	0.860	0.509	-0.230	-1.238	-2.224
271	2.70	-2.853	-2.903	-2.383	-1.542	-0.768	-0.414	-0.640	-1.344	-2.214	-2.881
281	2.80	-3.084	-2.785	-2.178	-1.579	-1.282	-1.418	-1.910	-2.512	-2.922	-2.900
291	2.90	-2.348	-1.322	0.019	1.472	2.847	3.983	4.745	5.022	4.746	3.930
301	3.00	2.706	1.331	0.129	-0.601	-0.706	-0.248	0.501	1.152	1.349	0.918
311	3.10	-0.057	-1.250	-2.224	-2.596	-2.188	-1.100	0.326	1.640	2.442	2.527
321	3.20	1.941	0.951	-0.068	-0.762	-0.915	-0.693	0.374	1.466	2.559	3.491
331	3.30	4.177	4.595	4.744	4.613	4.178	3.435	2.434	1.319	0.304	-0.377
341	3.40	-0.563	-0.245	0.400	1.067	1.329	0.975	-0.075	-1.630	-3.302	-4.636
351	3.50	-5.273	-5.075	-4.467	-2.874	-1.591	-0.631	-0.126	-0.008	-0.074	-0.104
361	3.60	0.034	0.325	0.651	0.768	0.597	0.095	-0.636	-1.416	-2.055	-2.428
371	3.70	-2.507	-2.361	-2.114	-1.902	-1.833	-1.970	-2.317	-2.828	-3.399	-3.881
381	3.80	-4.104	-3.918	-3.257	-2.187	-0.920	0.228	0.939	1.012	0.466	-0.440
391	3.90	-1.268	-1.560	-1.009	0.407	2.392	4.423	5.939	6.541	6.152	5.040
401	4.00	3.723	2.769	2.579	3.227	4.434	5.669	6.347	6.051	4.691	2.565
411	4.10	0.159	-1.844	-2.985	-3.090	-2.362	-1.199	-0.213	0.174	-0.212	-1.235
421	4.20	-2.517	-3.603	-4.137	-3.978	-3.226	-2.135	-0.983	0.046	0.915	1.691
431	4.30	2.453	3.190	3.766	3.964	3.603	2.652	1.595	-0.118	-1.198	-1.689
441	4.40	-1.580	-1.121	-0.709	-0.704	-1.261	-2.246	-3.287	-3.929	-3.833	-2.917
451	4.50	-1.395	0.314	1.760	2.530	2.543	1.861	0.719	-0.594	-1.823	-2.788
461	4.60	-3.388	-3.586	-3.393	-2.878	-2.166	-1.428	-0.838	-0.523	-0.510	-0.716
471	4.70	-0.986	-1.164	-1.159	-0.980	-0.709	-0.443	-0.219	0.006	0.330	0.833
481	4.80	1.504	2.218	2.775	2.998	2.830	2.380	1.887	1.609	1.699	2.120
491	4.90	2.656	3.009	2.948	2.422	1.595	0.781	0.308	0.375	0.967	1.868

Table 7—26—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.747	3.285	3.288	2.762	1.796	0.703	-0.262	-0.878	-1.028	-0.727
511	5.10	-0.120	0.549	0.999	1.003	0.475	-0.471	-1.534	-2.322	-2.502	-1.951
521	5.20	-0.835	0.430	1.333	1.480	0.764	-0.574	-2.043	-3.104	-3.399	-2.894
531	5.30	-1.878	-0.823	-0.162	-0.106	-0.575	-1.255	-1.783	-1.819	-1.350	-0.492
541	5.40	0.502	1.381	1.988	2.274	2.255	1.956	1.368	0.467	-0.739	-2.155
551	5.50	-3.597	-4.830	-5.454	-5.467	-5.201	-5.284	-4.567	-3.758	-2.892	-1.952
561	5.60	-0.927	0.141	1.143	1.945	2.445	2.628	2.566	2.371	2.149	1.939
571	5.70	1.727	1.497	1.290	1.230	1.483	2.143	3.226	4.427	5.368	5.644
581	5.80	5.025	3.582	1.702	-0.046	-1.130	-1.271	-0.567	0.568	1.474	1.692
591	5.90	0.966	-0.569	-2.468	-4.156	-5.137	-5.161	-4.279	-2.797	-1.143	0.277
601	6.00	1.203	1.570	1.505	1.267	1.152	1.405	2.131	3.249	4.496	5.493
611	6.10	5.858	5.340	3.922	1.854	-0.419	-2.402	-3.719	-4.243	-4.123	-3.701
621	6.20	-3.344	-3.289	-3.513	-3.900	-4.065	-3.808	-3.085	-2.066	-1.052	-0.333
631	6.30	-0.050	-0.140	-0.375	-0.490	-0.320	0.110	0.597	0.860	0.681	0.026
641	6.40	-0.931	-1.863	-2.427	-2.399	-1.757	-0.682	0.529	1.584	2.295	2.633
651	6.50	2.694	2.633	2.572	2.551	2.524	2.401	2.113	1.662	1.132	0.645
661	6.60	0.308	0.146	0.080	-0.068	-0.408	-1.096	-2.079	-3.180	-4.131	-4.671
671	6.70	-4.842	-4.056	-3.091	-2.022	-1.110	-0.500	-0.176	0.012	0.256	0.675
681	6.80	1.241	1.774	2.021	1.784	1.026	-0.078	-1.206	-2.008	-2.265	-1.980
691	6.90	-1.383	-0.818	-0.588	-0.799	-1.308	-1.770	-1.789	-1.094	0.326	2.210
701	7.00	4.111	5.565	6.263	6.154	5.442	4.691	3.673	3.242	3.255	3.587
711	7.10	3.997	4.230	4.094	3.500	2.461	1.061	-0.576	-2.314	-4.013	-5.537
721	7.20	-6.763	-7.596	-7.990	-7.961	-7.588	-6.994	-6.311	-5.650	-5.074	-4.596
731	7.30	-4.180	-3.762	-3.266	-2.617	-1.755	-0.662	0.721	2.283	3.932	5.502
741	7.40	6.996	7.833	7.897	7.583	6.807	5.785	4.767	3.957	3.437	3.133
751	7.50	2.837	2.286	1.273	-0.252	-2.131	-4.022	-5.699	-6.192	-5.920	-4.759
761	7.60	-3.019	-1.142	0.447	1.475	1.897	1.873	1.692	1.605	1.816	2.350
771	7.70	3.122	3.991	4.830	5.559	6.137	6.523	6.642	6.383	5.640	4.379
781	7.80	2.692	0.802	-0.980	-2.357	-3.148	-3.350	-3.135	-2.776	-2.539	-2.579
791	7.90	-2.886	-3.303	-3.596	-3.557	-3.081	-2.205	-1.089	0.040	0.962	1.529
801	8.00	1.692	1.502	1.079	0.566	0.079	-0.312	-0.610	-0.868	-1.158	-1.529
811	8.10	-1.972	-2.616	-2.744	-2.849	-2.683	-2.296	-1.827	-1.453	-1.314	-1.445
821	8.20	-1.753	-2.056	-2.160	-1.954	-1.670	-0.875	-0.393	-0.204	-0.353	-0.723
831	8.30	-1.090	-1.229	-1.019	-0.502	0.110	0.678	0.951	0.947	0.805	0.739
841	8.40	0.926	1.410	2.070	2.680	3.010	2.932	2.572	1.778	1.038	0.380
851	8.50	-0.181	-0.724	-1.343	-2.058	-2.765	-3.260	-3.332	-2.878	-1.970	-0.844
861	8.60	0.196	0.920	1.279	1.422	1.623	2.125	2.999	4.073	4.982	5.515
871	8.70	4.797	3.421	1.476	-0.558	-2.187	-3.089	-3.219	-2.804	-2.219	-1.817
881	8.80	-1.781	-2.056	-2.391	-2.459	-2.010	-0.976	0.491	2.081	3.438	4.293
891	8.90	4.554	4.325	3.850	3.605	3.176	3.179	3.236	3.037	2.258	0.694
901	9.00	-1.627	-4.414	-7.160	-9.284	-10.296	-9.956	-8.354	-5.886	-3.133	-0.697
911	9.10	0.978	1.716	1.615	0.990	0.224	-0.351	-0.548	-0.343	0.168	0.844
921	9.20	1.572	2.299	3.021	3.737	4.402	4.914	5.136	4.963	4.393	3.571
931	9.30	2.772	2.317	2.448	3.202	4.356	5.458	5.966	5.641	5.722	5.016
941	9.40	-2.151	-5.109	-7.281	-8.389	-8.542	-8.162	-7.781	-7.787	-8.246	-8.852
951	9.50	-9.062	-8.333	-6.365	-3.256	0.513	4.238	7.236	9.054	9.577	9.002
961	9.60	7.699	6.060	4.373	2.791	1.362	0.099	-0.977	-1.830	-2.433	-2.795
971	9.70	-2.958	-2.965	-2.809	-2.427	-1.726	-0.664	0.674	2.051	3.132	3.604
981	9.80	3.313	2.335	0.959	-0.447	-1.588	-2.371	-2.912	-3.638	-4.128	-4.980
991	9.90	-5.786	-6.228	-6.055	-5.237	-4.011	-2.791	-1.968	-1.704	-1.856	-2.019

Table 7—26—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.734	-0.724	0.953	2.906	4.579	5.510	5.533	4.662	3.977	3.407
1011	10.10	3.481	4.189	4.198	6.016	6.213	5.606	4.324	2.741	1.306	0.373
1021	10.20	0.081	0.338	0.882	1.394	1.610	1.379	0.691	-0.352	-1.574	-2.779
1031	10.30	-3.794	-4.515	-4.925	-5.092	-5.134	-5.159	-5.211	-5.236	-5.106	-4.689
1041	10.40	-3.933	-2.927	-1.889	-1.086	-0.711	-0.783	-1.117	-1.405	-1.360	-0.871
1051	10.50	-0.075	0.687	1.035	0.747	-0.093	-1.090	-1.685	-1.400	-0.064	2.079
1061	10.60	4.441	6.319	7.188	6.914	5.804	4.464	3.519	3.341	3.884	4.717
1071	10.70	5.236	4.941	3.692	1.774	-0.205	-1.579	-1.898	-1.123	0.364	1.925
1081	10.80	2.926	2.988	3.108	0.621	-0.974	-2.236	-2.952	-3.173	-3.126	-3.060
1091	10.90	-3.097	-3.178	-3.121	-2.754	-2.036	-1.111	-0.242	0.324	0.506	0.456
1101	11.00	0.500	0.978	2.050	3.573	5.121	6.142	6.200	5.180	3.366	1.338
1111	11.10	-0.256	-0.968	-0.723	0.166	1.153	1.702	1.515	0.630	-0.633	-1.847
1121	11.20	-2.690	-3.074	-3.154	-3.211	-3.478	-4.007	-4.626	-5.028	-4.920	-4.178
1131	11.30	-2.920	-1.477	-0.264	0.386	0.340	-0.266	-1.094	-1.713	-1.738	-0.954
1141	11.40	0.626	2.763	5.058	7.068	8.332	8.673	8.074	6.795	5.290	4.085
1151	11.50	3.616	4.071	5.307	6.866	8.103	8.388	7.314	4.837	1.295	-2.696
1161	11.60	-6.433	-9.334	-11.086	-11.690	-11.604	-10.616	-9.708	-8.959	-8.512	-8.388
1171	11.70	-8.536	-8.861	-9.237	-9.500	-9.445	-8.858	-7.677	-5.571	-2.999	-0.205
1181	11.80	2.358	4.264	5.255	5.339	4.796	4.072	3.621	3.727	4.409	5.415
1191	11.90	6.336	6.773	6.689	5.493	4.013	2.381	0.882	-0.360	-1.406	-2.441
1201	12.00	-3.661	-5.047	-6.509	-7.715	-8.312	-8.062	-6.951	-5.219	-3.279	-1.564
1211	12.10	-0.365	0.273	0.556	0.837	1.461	2.609	4.220	6.002	7.569	8.485
1221	12.20	8.601	7.907	6.610	5.008	3.378	1.888	0.575	-0.605	-1.697	-2.685
1231	12.30	-3.469	-3.904	-3.884	-3.403	-2.586	-1.456	-0.234	-0.039	0.556	1.185
1241	12.40	2.030	3.164	4.484	5.710	6.484	6.516	5.711	4.216	2.363	0.530
1251	12.50	-1.012	-2.181	-3.077	-3.864	-4.629	-5.288	-5.605	-5.309	-4.278	-2.669
1261	12.60	-0.925	0.361	0.691	-0.111	-1.784	-3.697	-5.080	-5.328	-4.237	-2.079
1271	12.70	0.526	2.868	4.438	5.108	5.143	5.029	5.235	5.982	7.152	8.348
1281	12.80	9.077	8.960	7.891	6.074	3.933	1.963	0.559	-0.091	-0.038	0.474
1291	12.90	1.100	1.502	1.639	0.825	-0.239	-1.499	-2.609	-3.242	-3.200	-2.500
1301	13.00	-1.388	-0.259	0.486	0.611	0.157	-0.564	-1.097	-1.057	-0.328	0.839
1311	13.10	1.900	2.227	1.389	-0.640	-3.426	-6.221	-8.245	-8.986	-8.390	-6.861
1321	13.20	-5.066	-3.655	-3.001	-3.095	-3.608	-4.095	-4.211	-3.853	-3.168	-2.321
1331	13.30	-1.527	-0.747	0.201	1.517	3.248	5.171	6.814	7.621	7.184	5.436
1341	13.40	2.709	-0.372	-3.117	-5.019	-5.902	-5.927	-5.460	-4.884	-4.448	-4.220
1351	13.50	-4.143	-4.146	-4.225	-4.445	-4.862	-5.415	-5.879	-5.900	-5.133	-3.403
1361	13.60	-0.818	2.249	5.291	7.860	9.730	10.952	11.767	12.446	13.116	13.691
1371	13.70	13.912	13.490	12.261	10.275	7.776	5.090	2.496	0.141	-1.941	-3.742
1381	13.80	-5.182	-6.066	-6.146	-5.248	-3.414	-0.955	1.613	3.734	5.004	5.306
1391	13.90	4.811	3.861	2.793	1.807	0.925	0.061	-0.850	-1.766	-2.544	-3.040
1401	14.00	-3.251	-3.398	-3.876	-5.081	-7.177	-9.929	-12.703	-14.670	-15.133	-13.849
1411	14.10	-11.181	-8.009	-5.404	-4.263	-4.658	-6.315	-8.176	-9.077	-8.143	-5.115
1421	14.20	-0.446	4.880	9.712	13.137	14.753	14.741	13.700	12.362	11.281	10.648
1431	14.30	10.271	9.718	8.560	6.591	3.957	1.126	-1.246	-2.648	-2.722	-1.583
1441	14.40	0.309	2.284	3.691	4.119	3.533	2.263	0.860	-0.138	-0.429	-0.084
1451	14.50	0.474	0.637	-0.128	-2.031	-4.824	-7.844	-10.236	-11.262	-10.601	-8.498
1461	14.60	-5.708	-3.243	-2.007	-2.471	-4.494	-7.385	-10.164	-11.925	-12.159	-10.910
1471	14.70	-8.706	-6.312	-4.412	-3.359	-3.085	-3.209	-3.266	-2.943	-2.268	-1.288
1481	14.80	-0.499	-0.034	0.172	0.437	1.178	2.682	4.912	7.462	9.685	10.940
1491	14.90	10.870	9.557	7.510	5.474	4.143	3.910	4.743	6.236	7.800	8.894

Table 7—26—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	9.207	8.712	7.610	6.182	4.652	3.161	1.675	0.151	-1.442	-3.069
1511	15.10	-4.660	-6.047	-7.204	-8.060	-8.577	0.0	-0.143	-0.233	-0.071	0.284
1521	15.20	0.686	0.961	1.002	0.798	0.441	0.064	-0.226	-0.394	-0.482	-0.561
1531	15.30	-0.668	-0.766	-0.755	-0.526	-0.043	0.611	1.244	1.632	1.620	1.214
1541	15.40	0.588	0.022	-0.225	-0.041	0.488	1.106	1.509	1.488	1.029	0.321
1551	15.50	-0.334	-0.664	-0.555	-0.102	0.443	0.801	0.800	0.459	-0.032	-0.412
1561	15.60	-0.484	-0.213	0.260	0.696	0.882	0.740	0.356	-0.068	-0.327	-0.325
1571	15.70	-0.116	0.123	0.201	0.017	-0.377	-0.802	-1.043	-0.964	-0.582	-0.061
1581	15.80	0.374	0.546	0.414	0.085	-0.256	-0.452	-0.467	-0.404	-0.448	-0.758
1591	15.90	-1.372	-2.167	-2.916	-3.386	-3.451	-3.148	-2.651	-2.181	-1.906	-1.872
1601	16.00	-2.005	-2.176	-2.278	-2.275	-2.198	-2.092	-1.957	-1.732	-1.328	-0.704
1611	16.10	0.071	0.806	1.257	1.244	0.752	-0.037	-0.816	-1.290	-1.328	-1.028
1621	16.20	-0.674	-0.582	-0.931	-1.648	-2.628	-2.878	-2.711	-1.898	-0.695	0.478
1631	16.30	1.241	1.638	1.205	0.888	0.848	1.255	1.982	2.653	2.828	2.228
1641	16.40	0.896	-0.795	-2.290	-3.076	-2.891	-1.820	-0.237	1.340	2.520	3.072
1651	16.50	2.962	2.381	1.565	0.726	0.016	-0.466	-0.651	-0.489	0.018	0.787
1661	16.60	1.640	2.341	2.678	2.549	2.012	1.258	0.522	-0.022	-0.335	-0.503
1671	16.70	-0.662	-0.890	-1.142	-1.261	-1.078	-0.532	0.258	1.012	1.414	1.277
1681	16.80	0.659	-0.132	-0.665	-0.595	0.161	1.361	2.534	3.191	3.060	2.218
1691	16.90	1.068	0.150	-0.111	0.399	1.426	2.471	3.022	2.791	1.841	0.547
1701	17.00	-0.586	-1.152	-1.024	-0.383	0.384	0.888	0.916	0.519	-0.037	-0.428
1711	17.10	-0.437	-0.072	0.449	0.809	0.759	0.249	-0.543	-1.292	-1.683	-1.559
1721	17.20	-0.998	-0.271	0.296	0.483	0.293	-0.043	-0.175	0.194	1.148	2.494
1731	17.30	3.826	4.687	4.770	4.055	2.820	1.525	0.612	0.320	0.580	1.064
1741	17.40	1.342	1.083	0.213	-1.051	-2.289	-3.064	-3.101	-2.404	-1.243	-0.042
1751	17.50	0.787	0.986	0.524	-0.425	-1.571	-2.614	-3.327	-3.597	-3.421	-2.885
1761	17.60	-2.138	-1.343	-0.750	-0.453	-0.562	-0.984	-1.542	-2.023	-2.167	-1.865
1771	17.70	-1.103	-0.147	0.740	1.317	1.489	1.357	1.062	0.866	0.838	0.502
1781	17.80	0.860	0.509	-0.230	-1.238	-2.224	-2.853	-2.903	-2.383	-1.542	-0.768
1791	17.90	-0.414	-0.640	-1.344	-2.214	-2.881	-3.034	-2.785	-2.178	-1.579	-1.282
1801	18.00	-1.418	-1.910	-2.512	-2.922	-2.900	-2.368	-1.322	0.019	1.472	2.847
1811	18.10	3.983	4.745	5.022	4.766	3.930	2.706	1.331	0.129	-0.601	-0.706
1821	18.20	-0.248	0.501	1.152	1.349	0.918	-0.057	-1.250	-2.224	-2.596	-2.188
1831	18.30	-1.100	0.326	1.640	2.442	2.527	1.941	0.951	-0.068	-0.762	-0.915
1841	18.40	-0.493	0.374	1.666	2.559	3.499	4.177	4.595	4.744	4.613	4.178
1851	18.50	3.435	2.434	1.319	0.304	-0.377	-0.563	-0.245	0.600	1.047	1.329
1861	18.60	0.975	-0.075	-1.630	-3.302	-4.636	-5.273	-5.075	-4.167	-2.874	-1.591
1871	18.70	-0.631	-0.126	-0.008	-0.074	-0.104	0.034	0.325	0.631	0.768	0.597
1881	18.80	0.095	-0.636	-1.416	-2.055	-2.428	-2.507	-2.361	-2.114	-1.902	-1.833
1891	18.90	-1.970	-2.317	-2.828	-3.399	-3.881	-4.104	-3.918	-3.257	-2.187	-0.920
1901	19.00	0.228	0.939	1.012	0.466	-0.440	-1.268	-1.560	-1.009	0.407	2.392
1911	19.10	4.423	5.939	6.541	6.152	5.040	3.223	2.769	2.579	3.227	4.434
1921	19.20	5.689	6.347	6.051	4.691	2.545	0.159	-1.844	-2.985	-3.090	-2.342
1931	19.30	-1.199	-0.213	0.174	-0.212	-1.235	-2.517	-3.603	-4.137	-3.978	-3.226
1941	19.40	-2.135	-0.983	0.066	0.915	1.691	2.453	3.190	3.766	3.964	3.603
1951	19.50	2.652	1.295	-0.118	-1.198	-1.689	-1.580	-1.121	-0.709	-0.704	-1.261
1961	19.60	-2.246	-3.287	-3.929	-3.833	-2.917	-1.395	0.314	1.740	2.530	2.543
1971	19.70	1.861	0.719	-0.594	-1.823	-2.788	-3.388	-3.586	-3.393	-2.878	-2.166
1981	19.80	-1.428	-0.838	-0.523	-0.510	-0.716	-0.986	-1.164	-1.159	-0.980	-0.709
1991	19.90	-0.443	-0.219	0.006	0.330	0.833	1.504	2.218	2.775	2.998	2.830

Table 7—26—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.380	1.887	1.609	1.699	2.120	2.656	3.009	2.948	2.422	1.595
2011	20.10	0.781	0.308	0.375	0.967	1.868	2.747	3.285	3.288	2.742	1.796
2021	20.20	0.703	-0.262	-0.878	-1.028	-0.727	-0.120	0.569	0.999	1.003	0.475
2031	20.30	-0.471	-1.534	-2.322	-2.502	-1.951	-0.835	0.430	1.333	1.480	0.766
2041	20.40	-0.574	-2.043	-3.104	-3.399	-2.894	-1.878	-0.823	-0.162	-0.106	-0.575
2051	20.50	-1.255	-1.763	-1.819	-1.359	-0.492	0.502	1.381	1.988	2.274	2.255
2061	20.60	1.956	1.368	0.467	-0.739	-2.155	-3.597	-4.830	-5.654	-5.967	-5.801
2071	20.70	-5.284	-4.567	-3.758	-2.692	-1.952	-0.927	0.141	1.143	1.965	2.445
2081	20.80	2.628	2.564	2.371	2.149	1.939	1.727	1.497	1.290	1.230	1.483
2091	20.90	2.163	3.226	4.427	5.368	5.644	5.025	3.582	1.702	-0.046	-1.130
2101	21.00	-1.271	-0.567	0.568	1.474	1.692	0.966	-0.569	-2.468	-4.156	-5.137
2111	21.10	-5.161	-4.279	-2.797	-1.143	0.277	1.203	1.570	1.505	1.267	1.152
2121	21.20	1.405	2.131	3.269	4.496	5.493	5.858	5.340	3.922	1.854	-0.419
2131	21.30	-2.402	-3.719	-4.243	-4.123	-3.701	-3.344	-3.289	-3.543	-3.900	-4.065
2141	21.40	-3.808	-3.085	-2.066	-1.052	-0.333	-0.050	-0.140	-0.375	-0.490	-0.320
2151	21.50	0.110	0.597	0.860	0.681	0.026	-0.931	-1.863	-2.427	-2.399	-1.757
2161	21.60	-0.682	0.529	1.584	2.295	2.633	2.694	2.633	2.572	2.551	2.524
2171	21.70	2.401	2.113	1.662	1.132	0.665	0.308	0.146	0.080	-0.048	-0.408
2181	21.80	-1.096	-2.079	-3.180	-4.131	-4.671	-4.642	-4.056	-3.091	-2.022	-1.110
2191	21.90	-0.500	-0.176	0.012	0.256	0.675	1.241	1.774	2.021	1.784	1.026
2201	22.00	-0.078	-1.206	-2.008	-2.265	-1.980	-1.383	-0.818	-0.588	-0.799	-1.308
2211	22.10	-1.770	-1.789	-1.094	0.326	2.210	4.111	5.565	6.263	6.154	5.442
2221	22.20	4.491	3.673	3.242	3.255	3.587	3.997	4.230	4.094	3.500	2.461
2231	22.30	1.061	-0.576	-2.314	-4.013	-5.537	-6.763	-7.596	-7.990	-7.961	-7.588
2241	22.40	-6.994	-6.311	-5.650	-5.074	-4.596	-4.180	-3.782	-3.266	-2.617	-1.755
2251	22.50	-0.642	0.721	2.283	3.932	5.502	6.796	7.633	7.897	7.583	6.807
2261	22.60	5.785	4.767	3.957	3.437	3.133	2.837	2.286	1.273	-0.252	-2.131
2271	22.70	-4.022	-5.499	-6.192	-5.920	-4.759	-3.019	-1.142	0.447	1.475	1.897
2281	22.80	1.873	1.682	1.605	1.816	2.350	3.122	3.991	4.830	5.559	6.137
2291	22.90	6.523	6.642	6.383	5.660	4.379	2.692	0.802	-0.980	-2.357	-3.148
2301	23.00	-3.350	-3.135	-2.776	-2.539	-2.579	-2.886	-3.303	-3.596	-3.557	-3.081
2311	23.10	-2.205	-1.089	0.040	0.962	1.529	1.892	1.502	1.079	0.564	0.079
2321	23.20	-0.512	-0.610	-0.868	-1.158	-1.529	-1.972	-2.416	-2.744	-2.849	-2.683
2331	23.30	-2.296	-1.827	-1.453	-1.384	-1.445	-1.753	-2.056	-2.160	-1.954	-1.470
2341	23.40	-0.875	-0.393	-0.204	-0.353	-0.723	-1.090	-1.229	-1.019	-0.502	0.140
2351	23.50	0.678	0.951	0.947	0.805	0.739	0.926	1.410	2.070	2.680	3.010
2361	23.60	2.932	2.472	1.778	1.038	0.380	-0.181	-0.724	-1.343	-2.058	-2.765
2371	23.70	-3.260	-3.332	-2.878	-1.970	-0.844	0.196	0.920	1.279	1.422	1.623
2381	23.80	2.125	2.999	4.073	4.982	5.315	4.797	3.421	1.476	-0.558	-2.187
2391	23.90	-3.089	-3.219	-2.804	-2.219	-1.817	-1.781	-2.056	-2.391	-2.459	-2.010
2401	24.00	-0.976	0.491	2.081	3.438	4.293	4.554	4.325	3.850	3.405	3.176
2411	24.10	3.179	3.236	3.037	2.258	0.694	-1.627	-4.414	-7.160	-9.284	-10.296
2421	24.20	-9.956	-8.354	-5.884	-3.133	-0.697	0.978	1.714	1.615	0.990	0.224
2431	24.30	-0.351	-0.548	-0.363	0.168	0.864	1.572	2.299	3.021	3.737	4.402
2441	24.40	4.914	5.136	4.963	4.393	3.571	2.772	2.317	2.448	3.202	4.356
2451	24.50	5.458	5.966	5.441	3.722	1.016	-2.151	-5.109	-7.281	-8.389	-8.542
2461	24.60	-8.162	-7.781	-7.787	-8.246	-8.852	-9.062	-8.333	-6.365	-3.256	0.513
2471	24.70	4.238	7.236	9.054	9.577	9.002	7.699	6.060	4.373	2.791	1.362
2481	24.80	0.099	-0.977	-1.830	-2.433	-2.795	-2.958	-2.965	-2.809	-2.427	-1.726
2491	24.90	-0.664	0.674	2.051	3.132	3.604	3.313	2.335	0.959	-0.447	-1.588

Table 7—26—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.371	-2.912	-3.438	-4.128	-4.980	-5.786	-6.228	-6.055	-5.237	-4.011
2511	25.10	-2.791	-1.966	-1.704	-1.856	-2.019	-1.734	-0.724	0.953	2.906	4.579
2521	25.20	5.510	5.933	4.864	3.977	3.401	3.281	4.159	5.598	6.016	6.213
2531	25.30	5.206	4.324	2.741	1.306	0.373	0.081	0.338	0.882	1.394	1.610
2541	25.40	1.379	0.691	-0.352	-1.574	-2.779	-3.794	-4.515	-4.925	-5.092	-5.134
2551	25.50	-5.159	-5.211	-5.236	-5.106	-4.689	-3.933	-2.927	-1.889	-1.086	-0.711
2561	25.60	-0.783	-1.117	-1.405	-1.360	-0.871	-0.075	0.687	1.035	0.767	-0.093
2571	25.70	-1.090	-1.685	-1.400	-0.064	2.079	4.441	6.319	7.188	6.914	5.804
2581	25.80	4.464	3.519	3.341	3.884	4.717	5.234	4.941	3.692	1.774	-0.205
2591	25.90	-1.579	-1.898	-1.123	0.364	1.925	2.926	2.988	2.108	0.621	-0.974
2601	26.00	-2.236	-2.952	-3.173	-3.126	-3.060	-3.097	-3.178	-3.121	-2.754	-2.036
2611	26.10	-1.111	-0.242	0.324	0.506	0.456	0.500	0.998	2.050	3.573	5.121
2621	26.20	6.142	6.200	5.180	3.366	1.338	-0.256	-0.968	-0.723	0.166	1.153
2631	26.30	1.702	1.515	0.630	-0.633	-1.867	-2.690	-3.074	-3.154	-3.211	-3.478
2641	26.40	-4.007	-4.626	-5.028	-4.920	-4.178	-2.920	-1.477	-0.264	0.384	0.340
2651	26.50	-0.266	-1.094	-1.713	-1.738	-0.954	0.826	2.703	5.058	7.012	8.332
2661	26.60	8.653	8.074	6.796	5.293	4.085	3.016	2.591	2.507	2.866	3.103
2671	26.70	3.388	3.314	4.837	1.295	-2.696	-6.433	-9.334	-11.086	-11.690	-11.404
2681	26.80	-10.616	-9.708	-8.959	-8.512	-8.388	-8.536	-8.861	-9.237	-9.500	-9.445
2691	26.90	-8.858	-7.577	-5.571	-2.999	-0.205	2.358	4.264	5.255	5.339	4.796
2701	27.00	4.072	3.621	3.727	4.469	5.415	6.336	6.773	6.489	5.493	4.013
2711	27.10	2.381	0.882	-0.360	-1.406	-2.441	-3.641	-5.047	-6.509	-7.715	-8.312
2721	27.20	-8.062	-6.951	-5.219	-3.279	-1.564	-0.335	0.273	0.556	0.857	1.461
2731	27.30	2.609	4.220	6.002	7.549	8.685	8.601	7.907	6.610	5.008	3.378
2741	27.40	1.888	0.575	-0.605	-1.697	-2.685	-3.469	-3.904	-3.884	-3.403	-2.586
2751	27.50	-1.636	-0.754	-0.039	0.554	1.185	2.030	3.184	4.484	5.710	6.484
2761	27.60	6.516	5.711	4.216	2.363	0.530	-1.012	-2.181	-3.077	-3.864	-4.629
2771	27.70	-5.268	-5.605	-5.309	-4.278	-2.689	-0.925	0.361	0.691	-0.111	-1.784
2781	27.80	-3.697	-5.080	-5.328	-4.237	-2.079	0.526	2.868	4.438	5.108	5.143
2791	27.90	5.029	5.235	5.982	7.152	8.348	9.077	8.960	7.891	6.074	3.933
2801	28.00	1.963	0.559	-0.091	-0.038	0.474	1.100	1.502	1.439	0.825	-0.239
2811	28.10	-1.499	-2.609	-3.242	-3.200	-2.500	-1.388	-0.259	0.486	0.611	0.157
2821	28.20	-0.564	-1.097	-1.057	-0.328	0.839	1.900	2.227	1.389	-0.640	-3.426
2831	28.30	-6.221	-8.245	-8.986	-8.390	-6.861	-5.066	-3.655	-3.001	-3.095	-3.608
2841	28.40	-4.095	-4.211	-3.853	-3.148	-2.321	-1.527	-0.747	0.201	1.517	3.248
2851	28.50	5.171	6.814	7.621	7.186	5.436	2.709	-0.372	-3.117	-5.019	-5.902
2861	28.60	-5.927	-5.460	-4.884	-4.468	-4.220	-4.243	-4.486	-4.225	-4.445	-4.862
2871	28.70	-5.415	-5.479	-5.906	-5.153	-4.103	-0.818	2.249	5.291	7.860	9.739
2881	28.80	10.952	11.767	12.446	13.116	13.691	13.912	13.490	12.261	10.295	7.776
2891	28.90	5.090	2.496	0.141	-1.941	-3.762	-5.182	-6.066	-6.146	-5.248	-3.414
2901	29.00	-0.955	1.613	3.734	5.004	5.306	4.811	3.861	2.793	1.807	0.925
2911	29.10	0.061	-0.850	-1.766	-2.544	-3.040	-3.251	-3.398	-3.876	-5.081	-7.177
2921	29.20	-9.929	-12.703	-14.690	-15.133	-13.869	-11.181	-8.009	-5.404	-4.203	-4.658
2931	29.30	-6.315	-8.176	-9.072	-8.143	-5.115	-0.466	4.880	9.712	13.137	14.753
2941	29.40	14.741	13.700	12.362	11.281	10.618	10.271	9.718	8.560	6.591	3.957
2951	29.50	1.126	-1.266	-2.648	-2.722	-1.583	0.309	2.284	3.691	4.119	3.533
2961	29.60	2.263	0.860	-0.138	-0.429	-0.084	0.474	0.637	-0.128	-2.031	-4.824
2971	29.70	-7.844	-10.236	-11.262	-10.601	-8.498	-5.708	-3.243	-2.007	-2.471	-4.494
2981	29.80	-7.385	-10.164	-11.925	-12.159	-10.910	-8.706	-6.312	-4.412	-3.359	-3.085
2991	29.90	-3.209	-3.266	-2.943	-2.208	-1.288	-0.499	-0.034	0.172	0.437	1.178

Table 7—26—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.682	4.912	7.462	9.685	10.940	10.870	9.557	7.510	5.474	4.143
3011	30.10	3.910	4.743	6.236	7.800	8.894	8.707	7.810	6.610	6.182	6.662
3021	30.20	3.161	1.675	0.151	-1.442	-3.069	-4.640	-6.047	-7.204	-8.060	-8.577
3031	30.30	-8.705	-8.366	-7.492	-6.079	-4.250	-2.274	-0.514	0.679	1.090	0.727
3041	30.40	-0.165	-1.192	-1.940	-2.112	-1.610	-0.524	0.935	2.569	4.174	5.763
3051	30.50	7.337	8.912	10.447	11.815	12.839	13.334	13.163	12.258	10.614	8.266
3061	30.60	5.273	1.753	-2.095	-5.969	-9.370	-11.861	-12.986	-12.502	-10.456	-7.204
3071	30.70	-3.346	0.430	3.513	5.514	6.337	6.159	5.343	4.316	3.441	2.954
3081	30.80	2.904	3.173	3.518	3.629	3.217	2.085	0.197	-2.297	-5.064	-7.661
3091	30.90	-9.623	-10.577	-10.327	-8.888	-6.480	-3.460	-0.246	2.760	5.234	6.962
3101	31.00	7.861	7.988	7.534	6.797	6.122	5.805	5.988	6.583	7.256	7.514
3111	31.10	6.863	5.009	2.009	-1.682	-5.316	-8.072	-9.334	-8.919	-7.160	-4.814
3121	31.20	-2.810	-1.938	-2.583	-4.611	-7.437	-10.253	-12.318	-13.204	-12.897	-11.738
3131	31.30	-10.232	-8.815	-7.689	-6.778	-5.829	-4.586	-2.963	-1.120	0.591	1.782
3141	31.40	2.222	1.968	1.374	0.961	1.216	2.384	4.363	6.734	8.908	10.332
3151	31.50	10.662	9.848	8.098	5.465	3.217	0.742	-1.443	-3.310	-4.661	-5.402
3161	31.60	-5.410	-4.618	-3.068	-0.938	1.196	3.931	6.118	7.913	9.273	10.212
3171	31.70	10.729	10.771	10.238	9.031	7.127	4.628	1.769	-1.130	-3.743	-5.830
3181	31.80	-7.294	-8.193	-8.703	-9.051	-9.432	-9.946	-10.558	-11.104	-11.342	-11.032
3191	31.90	-10.032	-8.369	-6.267	-4.101	-2.280	-1.112	-0.673	-0.761	-0.949	-0.727
3201	32.00	0.307	2.290	5.016	7.986	10.545	12.070	12.143	10.652	7.815	4.124
3211	32.10	0.247	-3.102	-5.303	-5.958	-5.010	-2.791	0.012	2.515	3.893	3.655
3221	32.20	1.853	-0.886	-3.541	-5.043	-4.677	-2.360	1.097	5.213	8.227	9.535
3231	32.30	8.963	7.002	4.576	2.669	1.975	2.698	4.577	7.083	9.676	11.993
3241	32.40	13.905	15.422	16.548	17.172	17.059	15.952	13.716	10.454	6.506	2.349
3251	32.50	-1.581	-5.063	-8.067	-10.900	-13.869	-17.205	-20.918	-24.760	-28.291	-31.020
3261	32.60	-32.552	-32.697	-31.507	-29.235	-26.242	-22.885	-19.435	-16.043	-12.760	-9.594
3271	32.70	-6.575	-3.791	-1.356	0.609	2.137	3.385	4.651	6.258	8.403	11.023
3281	32.80	13.749	16.004	17.203	16.999	15.458	13.073	10.602	8.774	8.007	8.241
3291	32.90	8.987	9.557	9.382	8.267	6.477	4.599	3.271	2.886	3.426	4.484
3301	33.00	5.459	5.829	5.353	4.142	2.551	0.986	-0.281	-1.198	-1.896	-2.559
3311	33.10	-3.299	-4.105	-4.886	-5.578	-6.244	-7.078	-8.314	-10.074	-12.252	-14.384
3321	33.20	-15.960	-16.429	-15.517	-13.331	-10.319	-7.079	-4.100	-1.556	0.762	3.311
3331	33.30	6.537	10.592	15.156	19.481	22.525	23.502	22.026	18.389	13.493	8.565
3341	33.40	4.752	2.745	2.576	3.660	5.069	5.913	5.682	4.414	2.629	1.078
3351	33.50	0.423	0.977	2.630	4.938	7.347	9.508	10.894	11.773	12.086	11.805
3361	33.60	10.779	8.801	5.766	1.812	-2.609	-6.856	-10.307	-12.600	-13.767	-14.192
3371	33.70	-14.402	-14.794	-15.436	-16.037	-16.104	-15.211	-13.230	-10.412	-7.262	-4.297
3381	33.80	-1.785	0.360	2.496	5.003	8.008	11.233	14.056	15.769	15.909	14.496
3391	33.90	12.047	9.378	7.226	5.936	5.313	4.730	3.434	0.698	-2.931	-7.615
3401	34.00	-12.411	-16.577	-19.635	-21.483	-22.318	-22.439	-22.042	-21.121	-19.518	-17.085
3411	34.10	-13.853	-10.114	-6.357	-3.089	-0.627	1.037	2.217	3.380	4.922	6.979
3421	34.20	9.365	11.656	13.398	14.290	14.334	13.812	13.152	12.725	12.685	12.899
3431	34.30	13.022	12.656	11.531	9.626	7.178	4.585	2.244	0.403	-0.920	-1.907
3441	34.40	-2.842	-3.974	-5.418	-7.119	-8.902	-10.561	-11.938	-12.968	-13.655	-14.004
3451	34.50	-13.969	-13.426	-12.225	-10.275	-7.639	-4.580	-1.530	1.022	2.676	3.257
3461	34.60	2.874	1.896	0.839	0.230	0.454	1.666	3.755	6.375	9.012	11.086
3471	34.70	12.868	11.611	9.859	6.512	2.808	-0.600	-2.870	-3.427	-2.175	0.425
3481	34.80	3.465	5.872	6.704	5.765	3.136	-0.316	-3.543	-5.665	-6.200	-5.406
3491	34.90	-3.974	-2.827	-2.722	-3.955	-6.247	-8.875	-10.953	-11.772	-11.054	-9.026

Table 7—26—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-6.306	-3.651	-1.679	-0.673	-0.521	-0.814	-1.045	-0.822	-0.016	1.201
3511	35.10	2.447	3.298	3.462	2.915	1.920	0.951	0.528	1.035	2.584	4.965
3521	35.20	7.707	10.235	12.050	12.887	12.793	12.097	11.287	10.855	11.134	12.213
3531	35.30	13.915	15.867	17.605	18.690	18.810	17.836	15.840	13.080	9.942	6.863
3541	35.40	4.229	2.267	0.960	0.028	-1.015	-2.721	-5.508	-9.490	-14.377	-19.517
3551	35.50	-24.079	-27.302	-28.753	-28.468	-26.923	-24.857	-22.995	-21.791	-21.298	-21.199
3561	35.60	-20.990	-20.216	-18.657	-16.593	-13.705	-10.887	-8.118	-5.285	-2.157	1.481
3571	35.70	5.606	9.834	13.481	15.677	15.873	13.920	10.307	6.051	2.417	0.524
3581	35.80	0.985	3.695	7.853	12.200	15.392	16.399	14.802	10.898	5.597	0.144
3591	35.90	-4.255	-6.781	-7.225	-6.014	-4.038	-2.321	-1.652	-2.314	-3.990	-5.905
3601	36.00	-7.153	-7.071	-5.536	-3.024	-0.458	1.166	1.169	-0.530	-3.375	-6.369
3611	36.10	-8.440	-8.803	-7.190	-3.874	0.505	5.200	9.582	13.257	16.045	17.882
3621	36.20	18.746	18.634	17.636	15.994	14.151	12.635	11.695	12.106	13.058	14.211
3631	36.30	14.888	14.546	12.984	10.400	7.258	4.047	1.039	-1.816	-4.809	-8.240
3641	36.40	-12.159	-16.212	-19.695	-21.792	-21.908	-19.968	-16.393	-12.165	-8.296	-5.579
3651	36.50	-4.311	-4.252	-4.783	-5.193	-4.955	-3.892	-2.174	-0.178	1.711	3.254
3661	36.60	4.419	5.322	6.114	6.871	7.552	8.027	8.175	7.973	7.541	7.100
3671	36.70	6.875	6.965	7.272	7.509	7.306	6.382	4.704	2.566	0.531	-0.749
3681	36.80	-0.790	0.491	2.676	4.914	6.192	5.664	2.973	-1.588	-7.143	-12.509
3691	36.90	-16.576	-18.660	-18.687	-17.149	-14.853	-12.591	-10.839	-9.634	-8.636	-7.348
3701	37.00	-5.376	-2.609	0.742	4.262	7.523	10.253	12.406	14.105	15.497	16.617
3711	37.10	17.318	17.340	16.456	14.646	12.196	9.652	7.661	6.707	6.892	7.844
3721	37.20	8.799	8.832	7.180	3.514	-1.927	-8.386	-14.816	-20.189	-23.797	-25.423
3731	37.30	-25.350	-24.207	-22.220	-21.460	-20.674	-20.253	-19.826	-18.943	-17.272	-14.738
3741	37.40	-11.565	-8.202	-5.188	-2.977	-1.805	-1.627	-2.137	-2.870	-3.335	-3.152
3751	37.50	-2.139	-0.336	2.044	4.712	7.406	9.969	12.381	14.699	16.978	19.179
3761	37.60	21.112	22.459	22.976	22.372	20.700	18.248	15.497	12.962	10.997	9.660
3771	37.70	8.684	7.589	5.892	3.960	0.057	-3.447	-6.436	-8.188	-8.278	-6.727
3781	37.80	-4.011	-0.909	1.761	3.399	3.789	3.127	1.894	0.459	-0.137	-0.316
3791	37.90	0.015	0.538	0.871	0.712	-0.063	-1.381	-3.011	-4.659	-6.056	-7.030
3801	38.00	-7.528	-7.611	-7.419	-7.137	-6.950	-7.022	-7.470	-8.338	-9.584	-11.063
3811	38.10	-12.544	-13.749	-14.413	-14.559	-13.551	-12.111	-10.285	-8.357	-6.564	-5.018
3821	38.20	-3.695	-2.478	-1.244	0.053	1.338	2.441	3.179	3.458	3.333	2.994
3831	38.30	2.683	2.561	2.617	2.656	2.395	1.628	0.391	-0.981	-1.927	-1.869
3841	38.40	-0.466	2.199	5.597	8.917	11.366	12.474	12.267	11.237	10.092	9.443
3851	38.50	9.469	9.868	9.978	9.099	6.857	3.430	-0.466	-3.822	-5.755	-5.866
3861	38.60	-4.322	-1.966	0.202	1.325	1.017	-0.527	-2.668	-4.619	-5.784	-5.858
3871	38.70	-5.057	-3.768	-2.445	-1.414	-0.822	-0.695	-1.054	-1.990	-3.647	-6.107
3881	38.80	-9.239	-12.623	-15.591	-17.416	-17.562	-15.893	-12.739	-8.783	-4.805	-1.397
3891	38.90	1.229	3.260	5.234	7.611	10.739	14.633	19.003	23.385	27.296	30.366
3901	39.00	32.386	33.223	33.043	31.761	29.563	26.689	23.697	20.419	17.850	16.007
3911	39.10	14.820	13.922	12.750	10.734	7.501	3.013	-2.614	-8.204	-13.697	-18.316
3921	39.20	-21.680	-23.638	-24.233	-23.642	-22.125	-20.006	-17.657	-15.469	-13.791	-12.865
3931	39.30	-12.650	-13.006	-13.540	-13.830	-13.566	-12.548	-10.908	-8.849	-6.625	-4.627
3941	39.40	-2.329	-0.330	1.566	3.270	4.580	5.239	5.043	3.953	2.150	-0.009
3951	39.50	-2.109	-3.827	-5.035	-5.810	-6.369	-6.819	-7.228	-7.379	-6.928	-5.548
3961	39.60	-3.101	0.251	3.962	7.329	9.704	10.627	10.057	8.380	6.283	4.533
3971	39.70	3.728	4.105	5.480	7.311	8.890	9.568	8.952	7.011	4.057	0.625
3981	39.80	-2.699	-5.448	-7.377	-8.477	-8.920	-8.954	-8.807	-8.630	-8.491	-8.404
3991	39.90	-8.373	-8.420	-8.575	-8.852	-9.217	-9.572	-9.776	-9.684	-9.200	-8.312

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TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-7.096	-5.688	-4.244	-2.894	-1.719	-0.744	0.047	0.697	1.266	1.824
4011	40.10	2.446	3.199	4.118	5.182	6.303	7.343	8.156	8.661	8.767	8.681
4021	40.20	8.464	8.284	8.122	7.958	7.592	6.835	5.591	3.937	2.142	0.588
4031	40.30	-0.367	-0.539	-0.009	0.880	1.689	1.974	1.568	0.625	-0.400	-0.920
4041	40.40	-0.441	1.223	3.849	6.869	9.671	11.056	11.222	10.288	8.622	7.049
4051	40.50	6.264	6.635	8.058	9.980	11.587	12.084	10.967	8.203	4.250	-0.085
4061	40.60	-3.896	-6.450	-7.403	-6.882	-5.423	-3.790	-2.741	-2.808	-4.160	-6.583
4071	40.70	-9.566	-12.466	-14.690	-15.844	-15.801	-14.688	-12.802	-10.490	-8.062	-5.633
4081	40.80	-3.325	-1.119	0.969	2.856	4.373	5.334	5.599	5.161	4.189	3.002
4091	40.90	1.981	1.449	1.568	2.289	3.381	4.523	5.420	5.892	5.901	5.510
4101	41.00	4.800	3.797	2.441	0.624	-1.717	-4.508	-7.494	-10.275	-12.421	-13.619
4111	41.10	-13.792	-13.133	-12.032	-10.926	-10.133	-9.738	-9.584	-9.363	-8.772	-7.657
4121	41.20	-6.086	-4.316	-2.677	-1.423	-0.621	-0.126	0.356	1.125	2.325	4.089
4131	41.30	6.049	7.909	9.315	10.023	9.965	9.260	8.167	7.000	6.036	5.451
4141	41.40	5.278	5.409	5.632	5.705	5.433	4.743	3.731	2.664	1.816	1.560
4151	41.50	2.051	3.262	4.962	6.795	8.406	9.564	10.239	10.536	10.705	10.921
4161	41.60	11.236	11.538	11.600	11.173	10.086	8.301	5.904	3.048	-0.111	-3.452
4171	41.70	-6.876	-10.272	-13.471	-16.256	-18.384	-19.725	-20.274	-20.196	-19.755	-19.201
4181	41.80	-18.653	-18.036	-17.101	-15.553	-13.172	-9.933	-6.036	-1.832	2.278	5.977
4191	41.90	9.084	11.565	13.365	14.535	15.003	14.713	13.681	12.058	10.145	8.323
4201	42.00	6.918	6.083	5.724	5.548	5.182	4.344	2.962	1.209	-0.582	-2.065
4211	42.10	-3.034	-3.512	-3.728	-4.018	-4.674	-5.832	-7.427	-9.231	-10.951	-12.331
4221	42.20	-13.215	-13.561	-13.409	-12.830	-11.890	-10.637	-9.110	-7.355	-5.430	-3.396
4231	42.30	-1.293	0.868	3.012	5.169	7.263	9.210	10.928	12.374	13.569	14.585
4241	42.40	15.491	16.281	16.816	16.830	16.015	14.152	11.252	7.629	3.859	-0.627
4251	42.50	-1.493	-2.243	-1.781	-0.636	0.474	0.882	0.194	-1.607	-4.196	-7.065
4261	42.60	-9.713	-11.813	-13.266	-14.157	-14.636	-14.804	-14.647	-14.053	-12.890	-11.100
4271	42.70	-8.751	-6.030	-3.184	-0.438	2.060	4.248	6.108	7.619	8.729	9.366
4281	42.80	9.491	9.153	8.513	7.301	7.242	6.951	6.887	6.862	6.625	5.983
4291	42.90	4.892	3.480	1.993	0.679	-0.312	-0.980	-1.432	-1.783	-2.049	-2.089
4301	43.00	-1.653	-0.511	1.398	3.855	6.374	8.333	9.180	8.635	6.795	4.090
4311	43.10	1.120	-1.578	-3.708	-5.295	-6.609	-7.999	-9.698	-11.695	-13.733	-15.412
4321	43.20	-16.356	-16.366	-15.483	-13.950	-12.093	-10.181	-8.327	-6.474	-4.458	-2.112
4331	43.30	0.643	3.743	7.009	10.201	13.095	15.534	17.443	18.806	19.634	19.938
4341	43.40	19.718	18.974	17.712	15.956	13.750	11.152	8.246	5.147	2.013	-0.957
4351	43.50	-3.558	-5.629	-7.111	-8.079	-8.732	-9.320	-10.058	-11.040	-12.202	-13.367
4361	43.60	-14.325	-14.940	-15.210	-15.248	-15.206	-15.158	-15.026	-14.583	-13.539	-11.692
4371	43.70	-9.048	-5.861	-2.563	0.403	2.761	4.507	5.703	7.328	9.083	11.214
4381	43.80	13.459	15.328	16.305	16.061	14.599	12.265	9.608	7.179	5.326	4.096
4391	43.90	3.262	2.449	1.313	-0.326	-2.427	-4.769	-7.046	-8.976	-10.372	-11.171
4401	44.00	-11.407	-11.182	-10.627	-9.890	-9.115	-8.424	-7.887	-7.494	-7.144	-6.668
4411	44.10	-5.890	-4.698	-3.105	-1.264	0.573	2.135	3.226	3.789	3.919	3.820
4421	44.20	3.736	3.864	4.320	5.111	6.162	7.351	8.545	9.617	10.459	10.986
4431	44.30	11.166	10.917	10.332	9.461	8.397	7.234	6.038	4.838	3.623	2.371
4441	44.40	1.068	-0.274	-1.613	-2.887	-4.032	-5.001	-5.765	-6.320	-6.670	-6.836
4451	44.50	-6.846	-6.748	-6.605	-6.485	-6.441	-6.474	-6.509	-6.389	-5.900	-6.823
4461	44.60	-3.013	-0.475	2.592	5.795	8.624	10.563	11.243	10.560	8.732	6.258
4471	44.70	3.789	1.935	1.086	1.292	2.288	3.593	4.715	5.336	5.413	5.168
4481	44.80	4.957	5.091	5.679	6.575	7.438	7.888	7.671	6.765	5.376	3.836
4491	44.90	2.440	1.323	0.414	-0.512	-1.697	-3.280	-5.219	-7.311	-9.283	-10.909

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TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-12.090	-12.873	-13.390	-13.776	-14.093	-14.317	-14.367	-14.178	-13.752	-13.178
4511	45.10	-12.596	-12.132	-11.843	-11.690	-11.561	-11.318	-10.851	-10.103	-9.070	-7.767
4521	45.20	-6.207	-4.389	-2.312	-0.002	2.464	4.966	7.370	9.571	11.519	13.226
4531	45.30	14.733	16.068	17.208	18.076	18.569	18.613	18.210	17.458	16.525	15.585
4541	45.40	14.763	14.055	13.385	12.528	11.285	9.499	7.120	4.219	0.972	-2.384
4551	45.50	-5.605	-8.477	-10.855	-12.665	-13.906	-14.632	-14.935	-14.917	-14.665	-14.235
4561	45.60	-13.631	-12.799	-11.689	-10.176	-8.202	-5.756	-2.916	0.144	3.163	5.840
4571	45.70	7.896	9.141	9.536	9.212	8.446	7.589	6.963	6.761	6.983	7.432
4581	45.80	7.784	7.694	6.921	5.443	3.331	0.991	-1.240	-3.070	-4.373	-5.213
4591	45.90	-5.806	-6.419	-7.262	-8.403	-9.739	-11.028	-11.964	-12.269	-11.769	-10.423
4601	46.00	-8.326	-5.669	-2.692	0.351	3.216	5.680	7.548	8.674	8.985	8.516
4611	46.10	7.427	5.992	4.549	3.420	2.827	2.827	3.295	3.969	4.535	4.734
4621	46.20	4.451	3.751	2.848	2.036	1.576	1.630	2.195	3.120	4.157	5.033
4631	46.30	5.523	5.550	4.955	3.983	2.759	1.487	0.367	-0.451	-0.893	-0.975
4641	46.40	-0.791	-0.486	-0.208	-0.098	-0.098	-0.275	-0.245	-0.276	-0.298	-1.216
4651	46.50	-1.492	-1.884	-2.411	-3.025	-3.633	-4.138	-4.488	-4.711	-4.899	-5.169
4661	46.60	-5.597	-6.170	-6.785	-7.288	-7.540	-7.483	-7.158	-6.681	-6.183	-5.736
4671	46.70	-5.328	-4.873	-4.276	-3.504	-2.626	-1.799	-1.207	-0.968	-1.071	-1.366
4681	46.80	-1.626	-1.641	-1.322	-0.737	-0.096	0.349	0.404	0.023	-0.674	-1.451
4691	46.90	-2.044	-2.261	-2.060	-1.453	-0.660	0.159	0.858	1.356	1.635	1.715
4701	47.00	1.637	1.452	1.223	1.039	0.997	1.192	1.674	2.431	3.381	4.397
4711	47.10	5.353	6.173	6.850	7.445	8.043	8.705	9.422	10.111	10.637	10.865
4721	47.20	10.711	10.172	9.323	8.283	7.166	5.042	4.916	3.748	2.486	1.103
4731	47.30	-0.379	-1.893	-3.353	-4.689	-5.875	-6.938	-7.933	-8.917	-9.908	-10.877
4741	47.40	-11.752	-12.447	-12.896	-13.073	-12.993	-12.683	-12.155	-11.373	-10.265	-8.747
4751	47.50	-6.779	-4.406	-1.773	0.888	3.332	5.364	6.901	7.979	8.723	9.269
4761	47.60	9.491	9.955	9.925	9.418	8.300	6.563	4.362	2.003	-0.145	-1.749
4771	47.70	-2.619	-2.754	-2.820	-1.686	-1.115	-0.872	-1.049	-1.574	-2.247	-2.821
4781	47.80	-3.083	-2.930	-2.388	-1.599	-0.760	-0.063	0.372	0.516	0.426	0.211
4791	47.90	-0.014	-0.161	-0.183	-0.064	0.199	0.612	1.183	1.915	2.782	3.726
4801	48.00	4.650	5.493	6.153	6.610	6.868	6.951	6.874	6.622	6.162	5.458
4811	48.10	4.505	3.352	2.096	0.852	-0.279	-1.249	-2.058	-2.739	-3.316	-3.784
4821	48.20	-4.104	-4.233	-4.163	-3.954	-3.719	-3.592	-3.657	-3.906	-4.231	-4.470
4831	48.30	-4.481	-4.219	-3.762	-3.280	-2.960	-2.909	-3.107	-3.407	-3.605	-3.539
4841	48.40	-3.158	-2.540	-1.839	-1.196	-0.650	-0.113	0.596	1.666	3.101	4.852
4851	48.50	6.640	8.144	9.103	9.410	9.153	8.553	7.865	7.256	6.740	6.179
4861	48.60	5.367	4.142	2.689	0.575	-1.285	-2.740	-3.523	-3.553	-2.962	-2.052
4871	48.70	-1.178	-0.628	-0.521	-0.781	-1.179	-1.437	-1.352	-0.879	-0.155	0.553
4881	48.80	0.951	0.835	0.160	-0.943	-2.237	-3.468	-4.471	-5.211	-5.772	-6.286
4891	48.90	-6.851	-7.467	-8.027	-8.365	-8.328	-7.838	-6.916	-5.662	-4.197	-2.618
4901	49.00	-0.988	0.666	2.195	3.520	4.425	4.739	4.401	3.533	2.436	1.515
4911	49.10	1.126	1.437	2.344	3.502	4.447	4.795	4.393	3.395	2.199	1.289
4921	49.20	1.035	1.550	2.651	3.938	4.959	5.389	5.133	4.566	3.333	2.627
4931	49.30	1.847	1.640	1.693	1.816	1.834	1.659	1.305	0.856	0.600	-0.019
4941	49.40	-0.429	-0.904	-1.519	-2.305	-3.223	-4.174	-5.035	-5.707	-6.147	-6.382
4951	49.50	-6.480	-6.522	-6.558	-6.591	-6.576	-6.446	-6.147	-5.664	-5.033	-4.334
4961	49.60	-3.666	-3.111	-2.712	-2.458	-2.296	-2.147	-1.941	-1.635	-1.227	-0.747
4971	49.70	-0.238	0.265	0.755	1.250	1.785	2.384	3.042	3.717	4.338	4.831
4981	49.80	5.156	5.321	5.395	5.476	5.657	5.981	6.418	6.868	7.201	7.308
4991	49.90	7.153	6.795	6.372	6.044	5.928	6.035	6.249	6.361	6.162	5.622

Table 7—26—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.170	2.504	0.665	-1.068	-2.469	-3.436	-4.044	-4.370	-4.718	-5.251
5011	50.10	-6.082	-7.224	-8.605	-10.099	-11.555	-12.817	-13.721	-14.100	-13.809	-12.764
5021	50.20	-10.995	-8.691	-6.182	-3.884	-2.169	-1.246	-1.072	-1.344	-1.599	-1.372
5031	50.30	-0.374	1.396	3.639	5.860	7.549	8.359	8.225	7.363	6.178	5.100
5041	50.40	4.437	4.291	4.564	5.043	5.506	5.807	5.906	5.838	5.659	5.394
5051	50.50	5.034	4.562	3.996	3.421	2.968	2.764	2.853	3.156	3.477	3.568
5061	50.60	3.234	2.418	1.243	-0.030	-1.098	-1.231	-1.860	-1.596	-1.181	-0.895
5071	50.70	-0.954	-1.451	-2.346	-3.502	-4.750	-5.931	-6.923	-7.638	-8.007	-7.979
5081	50.80	-7.538	-6.731	-5.681	-4.578	-3.632	-3.004	-2.747	-2.779	-2.909	-2.908
5091	50.90	-2.590	-1.878	-0.816	0.465	1.806	3.084	4.235	5.246	6.110	6.784
5101	51.00	7.183	7.203	6.778	5.927	4.777	3.527	2.379	1.467	0.807	0.308
5111	51.10	-0.165	-0.717	-1.356	-1.983	-2.446	-2.614	-2.457	-2.071	-1.661	-1.365
5121	51.20	-1.357	-1.606	-1.973	-2.272	-2.347	-2.151	-1.753	-1.293	-0.900	-0.622
5131	51.30	-0.396	-0.084	0.456	1.286	2.355	3.512	4.569	5.377	5.879	6.105
5141	51.40	6.133	6.024	5.778	5.340	4.633	3.628	2.379	1.024	0.265	-0.349
5151	51.50	-2.175	-2.781	-3.255	-3.660	-3.983	-4.125	-3.945	-3.347	-2.352	-1.128
5161	51.60	0.056	0.929	1.323	1.265	0.865	0.445	0.216	0.285	0.594	0.953
5171	51.70	1.140	0.997	0.502	-0.230	-1.012	-1.667	-2.106	-2.357	-2.533	-2.771
5181	51.80	-3.163	-3.719	-4.374	-5.023	-5.579	-6.008	-6.338	-6.633	-6.956	-7.332
5191	51.90	-7.733	-8.088	-8.307	-8.310	-8.049	-7.516	-6.737	-5.768	-4.677	-3.539
5201	52.00	-2.420	-1.369	-0.410	0.461	1.276	2.075	2.894	3.746	4.619	5.485
5211	52.10	6.308	7.066	7.750	8.357	8.874	9.270	9.494	9.495	9.249	8.776
5221	52.20	8.146	7.448	6.749	6.056	5.296	4.344	3.079	1.456	-0.441	-2.393
5231	52.30	-4.091	-5.229	-5.598	-5.154	-4.032	-2.495	-0.848	0.648	1.844	2.703
5241	52.40	3.280	3.655	3.892	4.013	4.014	3.890	3.665	3.402	3.182	3.069
5251	52.50	3.072	3.136	3.157	3.013	2.617	1.965	1.048	0.029	-0.988	-1.889
5261	52.60	-2.601	-3.087	-3.347	-3.402	-3.288	-3.058	-2.779	-2.536	-2.414	-2.475
5271	52.70	-2.733	-3.136	-3.572	-3.894	-3.961	-3.683	-3.057	-2.168	-1.168	-0.235
5281	52.80	0.487	0.925	1.102	1.126	1.152	1.329	1.752	2.417	3.219	3.972
5291	52.90	4.455	4.475	3.923	2.809	1.263	-0.495	-2.213	-3.667	-4.722	-5.359
5301	53.00	-5.665	-5.796	-5.916	-6.135	-6.467	-6.820	-7.026	-6.900	-6.311	-5.233
5311	53.10	-3.770	-2.429	-0.557	0.730	1.618	2.119	2.351	2.479	2.662	2.901
5321	53.20	3.220	3.497	3.621	3.535	3.260	2.894	2.554	2.327	2.225	2.179
5331	53.30	2.081	1.827	1.374	0.745	0.015	-0.735	-1.456	-2.139	-2.800	-3.436
5341	53.40	-3.995	-4.377	-4.469	-4.201	-3.587	-2.737	-1.811	-0.965	-0.186	0.532
5351	53.50	1.356	2.427	3.792	5.350	6.873	8.087	8.782	8.897	8.539	7.919
5361	53.60	7.252	6.649	6.077	5.392	4.436	3.136	1.573	-0.039	-1.441	-2.445
5371	53.70	-3.020	-3.304	-3.538	-3.948	-4.635	-5.526	-6.403	-7.000	-7.115	-6.693
5381	53.80	-5.836	-4.758	-3.695	-2.825	-2.235	-1.920	-1.832	-1.911	-2.107	-2.373
5391	53.90	-2.645	-2.831	-2.833	-2.587	-2.103	-1.483	-0.894	-0.509	-0.426	-0.622
5401	54.00	-0.953	-1.211	-1.214	-0.882	-0.274	0.443	1.067	1.457	1.586	1.550
5411	54.10	1.511	1.612	1.905	2.321	2.697	2.853	2.679	2.187	1.515	0.876
5421	54.20	0.469	0.399	0.630	0.992	1.248	1.178	0.664	-0.267	-1.448	-2.622
5431	54.30	-3.527	-3.970	-3.882	-3.327	-2.470	-1.519	-0.660	-0.008	0.417	0.678
5441	54.40	0.887	1.169	1.620	2.283	3.145	4.140	5.159	6.076	6.765	7.129
5451	54.50	7.121	6.765	6.160	5.459	4.827	4.399	4.224	4.259	4.372	4.398
5461	54.60	4.195	3.695	2.917	1.950	0.900	-0.153	-1.186	-2.216	-3.262	-4.297
5471	54.70	-5.224	-5.904	-6.205	-6.102	-5.682	-5.176	-4.875	-5.021	-5.706	-6.820
5481	54.80	-8.074	-9.101	-9.582	-9.362	-8.499	-7.234	-5.890	-4.757	-3.988	-3.566
5491	54.90	-3.338	-3.088	-2.634	-1.894	-0.906	0.197	1.244	2.081	2.623	2.865

Table 7—26—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.876	2.778	2.706	2.778	3.065	3.572	4.232	4.922	5.496	5.826
5511	55.10	5.850	5.597	5.177	4.750	4.465	4.404	4.546	4.771	4.907	4.786
5521	55.20	4.483	4.486	4.398	4.296	0.066	-0.980	-1.868	-2.592	-3.267	-3.906
5531	55.30	-4.492	-4.955	-5.196	-5.126	-4.703	-3.967	-2.960	-1.799	-0.660	0.450
5541	55.40	1.431	2.303	3.096	3.843	4.642	5.256	5.908	6.497	7.003	7.411
5551	55.50	7.710	7.887	7.919	7.780	7.445	6.902	6.189	5.283	4.311	3.327
5561	55.60	2.375	1.475	0.606	-0.285	-1.257	-2.352	-3.568	-4.855	-6.118	-7.251
5571	55.70	-8.168	-8.836	-9.283	-9.591	-9.852	-10.124	-10.390	-10.548	-10.437	-9.894
5581	55.80	-8.833	-7.290	-5.443	-3.566	-1.943	-0.777	-0.118	0.150	0.253	0.436
5591	55.90	0.866	1.570	2.447	3.327	4.063	4.601	4.996	5.364	5.801	6.310
5601	56.00	6.775	7.009	6.852	6.266	5.386	4.500	3.930	3.895	4.408	5.242
5611	56.10	6.010	6.304	5.852	4.623	2.829	0.842	-0.951	-2.279	-3.063	-3.405
5621	56.20	-3.512	-3.590	-3.765	-4.052	-4.375	-4.631	-4.741	-4.689	-4.515	-4.296
5631	56.30	-4.112	-4.024	-4.068	-4.257	-4.588	-5.031	-5.533	-6.010	-6.360	-6.488
5641	56.40	-6.329	-5.876	-5.172	-4.299	-3.336	-2.340	-1.330	-0.302	0.747	1.795
5651	56.50	2.788	3.669	4.310	4.740	4.953	5.002	4.949	4.835	4.664	4.405
5661	56.60	4.021	3.490	2.827	2.083	1.525	0.614	-0.016	-0.559	-1.028	-1.433
5671	56.70	-1.772	-2.028	-2.185	-2.241	-2.215	-2.146	-2.069	-1.996	-1.908	-1.754
5681	56.80	-1.476	-1.036	-0.437	0.268	0.990	1.627	2.091	2.321	2.292	2.011
5691	56.90	1.510	0.844	0.085	-0.679	-1.360	-1.882	-2.211	-2.365	-2.413	-2.452
5701	57.00	-2.569	-2.801	-3.117	-3.425	-3.611	-3.586	-3.323	-2.885	-2.380	-1.924
5711	57.10	-1.587	-1.356	-1.145	-0.839	-0.347	0.339	1.140	1.911	2.508	2.847
5721	57.20	2.950	2.932	2.961	3.179	3.642	4.293	4.982	5.523	5.764	5.638
5731	57.30	5.183	4.513	3.769	3.078	2.515	2.103	1.836	1.697	1.676	1.765
5741	57.40	1.946	2.179	2.402	2.544	2.566	2.456	2.250	2.008	1.778	1.569
5751	57.50	1.343	1.035	0.584	-0.029	-0.762	-1.525	-2.217	-2.772	-3.180	-3.493
5761	57.60	-3.792	-4.141	-4.547	-4.954	-5.259	-5.359	-5.198	-4.794	-4.236	-3.647
5771	57.70	-3.141	-2.778	-2.543	-2.359	-2.113	-1.699	-1.069	-0.158	0.922	2.087
5781	57.80	3.212	4.173	4.881	5.297	5.447	5.408	5.290	5.195	5.180	5.240
5791	57.90	5.302	5.264	5.038	4.594	3.982	3.315	2.722	2.291	2.021	1.812
5801	58.00	1.506	0.951	0.071	-1.086	-2.353	-3.505	-4.332	-4.726	-4.715	-4.456
5811	58.10	-4.170	-4.059	-4.231	-4.666	-5.227	-5.720	-5.966	-5.866	-5.424	-4.737
5821	58.20	-3.951	-3.208	-2.599	-2.149	-1.823	-1.568	-1.242	-0.840	-0.296	0.404
5831	58.30	1.244	2.175	3.114	3.950	4.567	4.867	4.817	4.460	3.923	3.278
5841	58.40	2.987	2.849	2.960	3.223	3.484	3.607	3.527	3.282	2.997	2.830
5851	58.50	2.904	3.260	3.839	4.509	5.118	5.536	5.686	5.544	5.119	4.430
5861	58.60	3.509	2.603	1.196	0.009	-1.025	-1.807	-2.324	-2.672	-3.032	-3.602
5871	58.70	-4.511	-5.277	-7.148	-8.454	-9.405	-9.867	-9.786	-9.378	-8.843	-8.360
5881	58.80	-7.984	-7.625	-7.106	-6.263	-5.065	-3.555	-2.021	-0.704	0.209	0.678
5891	58.90	0.822	0.853	0.988	1.359	1.977	2.754	3.566	4.308	4.948	5.493
5901	59.00	5.954	6.298	6.425	6.202	5.517	4.347	2.793	1.066	-0.576	-1.912
5911	59.10	-2.823	-3.320	-3.515	-3.559	-3.580	-3.635	-3.713	-3.759	-3.723	-3.586
5921	59.20	-3.362	-3.081	-2.751	-2.346	-1.807	-1.098	-0.235	0.678	1.453	1.879
5931	59.30	1.791	1.152	0.087	-1.141	-2.200	-2.805	-2.810	-2.264	-1.393	-0.516
5941	59.40	0.065	0.177	-0.171	-0.793	-1.403	-1.725	-1.587	-0.984	-0.066	0.926
5951	59.50	1.747	2.240	2.376	2.253	2.041	1.914	1.979	2.246	2.630	2.998
5961	59.60	3.222	3.234	3.049	2.766	2.523	2.457	2.663	3.068	3.625	4.144
5971	59.70	4.438	4.368	3.885	3.049	2.016	0.982	0.123	-0.469	-0.815	-1.032
5981	59.80	-1.289	-1.733	-2.426	-3.319	-4.264	-5.071	-5.577	-5.702	-5.478	-5.018
5991	59.90	-4.470	-3.948	-3.494	-3.070	-2.599	-2.010	-1.293	-0.514	0.205	0.737

Table 7—26—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.006	1.024	0.888	0.742	0.722	0.500	1.263	1.728	2.184	2.549
6011	60.10	2.799	2.874	3.148	3.377	3.664	3.944	4.109	4.058	3.749	3.230
6021	60.20	2.630	2.115	1.823	1.808	2.014	2.293	2.468	2.399	2.043	1.475
6031	60.30	0.859	0.389	0.211	0.367	0.770	1.236	1.539	1.486	0.975	0.039
6041	60.40	-1.184	-2.489	-3.669	-4.577	-5.161	-5.469	-5.614	-5.728	-5.911	-6.194
6051	60.50	-6.534	-6.830	-6.971	-6.875	-6.521	-5.953	-5.262	-4.544	-3.863	-3.229
6061	60.60	-2.596	-1.895	-1.070	-0.114	0.916	1.917	2.778	3.426	3.859	4.151
6071	60.70	4.420	4.779	5.285	5.904	6.519	6.976	7.134	6.933	6.414	5.713
6081	60.80	5.015	4.587	4.226	4.234	4.424	4.662	4.817	4.803	4.597	4.231
6091	60.90	3.762	3.249	2.730	2.220	1.723	1.248	0.810	0.430	0.121	-0.128
6101	61.00	-0.348	-0.584	-0.868	-1.199	-1.537	-1.811	-1.948	-1.909	-1.714	-1.438
6111	61.10	-1.194	-1.082	-1.148	-1.361	-1.618	-1.781	-1.736	-1.442	-0.958	-0.427
6121	61.20	-0.027	0.096	-0.113	-0.591	-1.180	-1.684	-1.947	-1.923	-1.693	-1.447
6131	61.30	-1.410	-1.750	-2.513	-3.592	-4.762	-5.752	-6.343	-6.432	-6.060	-5.372
6141	61.40	-4.552	-3.538	-2.973	-2.508	-1.911	-0.922	0.336	2.234	3.413	4.272
6151	61.50	4.666	4.566	4.063	3.335	2.583	1.961	1.538	1.295	1.155	1.031
6161	61.60	0.859	0.623	0.344	0.056	-0.223	-0.504	-0.824	-1.233	-1.765	-2.424
6171	61.70	-3.173	-3.934	-4.605	-5.080	-5.267	-5.108	-4.595	-3.783	-2.779	-1.736
6181	61.80	-0.815	-0.154	0.169	0.154	-0.125	-0.542	-0.966	-1.293	-1.474	-1.514
6191	61.90	-1.449	-1.320	-1.142	-0.900	-0.563	-0.111	0.439	1.028	1.566	1.971
6201	62.00	2.206	2.294	2.317	2.373	2.528	2.780	3.053	3.225	3.190	2.905
6211	62.10	2.424	1.873	1.397	1.089	0.965	0.860	0.681	0.288	-0.342	-1.110
6221	62.20	-1.826	-2.298	-2.416	-2.203	-1.804	-1.412	-1.169	-1.091	-1.061	-0.890
6231	62.30	-0.419	0.385	1.391	2.357	3.029	3.268	3.116	2.782	2.545	2.621
6241	62.40	3.056	3.697	4.258	4.448	4.099	3.240	2.073	0.874	-0.129	-0.858
6251	62.50	-1.394	-1.918	-2.602	-3.512	-4.571	-5.597	-6.395	-6.850	-6.982	-6.922
6261	62.60	-6.834	-6.821	-6.858	-6.794	-6.618	-5.568	-4.217	-2.513	-0.736	0.796
6271	62.70	1.838	2.305	2.296	2.045	1.825	1.856	2.223	2.864	3.605	4.236
6281	62.80	4.581	4.560	4.199	3.610	2.956	2.346	1.906	1.664	1.605	1.689
6291	62.90	1.864	2.084	2.310	2.512	2.666	2.755	2.790	2.798	2.824	2.920
6301	63.00	3.117	3.412	3.762	4.102	4.368	4.527	4.587	4.590	4.585	4.586
6311	63.10	4.560	4.425	4.085	3.470	2.569	1.442	0.193	-1.071	-2.280	-3.412
6321	63.20	-4.474	-5.466	-6.330	-6.961	-7.214	-6.980	-6.237	-5.087	-3.729	-2.395
6331	63.30	-1.262	-0.389	0.295	0.935	1.668	2.535	3.448	4.208	4.595	4.643
6341	63.40	3.866	2.769	1.591	0.511	-0.324	-0.899	-1.316	-1.726	-2.246	-2.900
6351	63.50	-3.609	-4.225	-4.605	-4.665	-4.416	-3.948	-3.396	-2.879	-2.480	-2.223
6361	63.60	-2.097	-2.076	-2.141	-2.281	-2.485	-2.726	-2.958	-3.121	-3.168	-3.080
6371	63.70	-2.878	-2.613	-2.338	-2.079	-1.818	-1.497	-1.050	-0.438	0.315	1.117
6381	63.80	1.825	2.301	2.461	2.318	1.981	1.621	1.414	1.466	1.781	2.255
6391	63.90	2.719	3.002	3.003	2.720	2.250	1.739	1.322	1.071	0.979	0.979
6401	64.00	0.991	0.975	0.954	0.995	1.166	1.480	1.866	2.182	2.271	2.037
6411	64.10	1.506	0.836	0.265	0.025	0.234	0.845	1.655	2.379	2.771	2.717
6421	64.20	2.286	1.692	1.196	0.997	1.140	1.506	1.867	1.994	1.754	1.169
6431	64.30	0.400	-0.328	-0.823	-1.005	-0.937	-0.784	-0.744	-0.966	-1.499	-2.287
6441	64.40	-3.199	-4.087	-4.832	-5.368	-5.679	-5.782	-5.703	-5.468	-5.099	-4.619
6451	64.50	-4.069	-3.401	-2.671	-1.839	-0.874	0.235	1.457	2.706	3.851	4.750
6461	64.60	5.293	5.443	5.241	4.788	4.202	3.574	2.940	2.283	1.566	0.758
6471	64.70	-0.118	-1.000	-1.799	-2.533	-2.856	-3.074	-3.127	-3.069	-2.940	-2.757
6481	64.80	-2.510	-2.184	-1.769	-1.272	-0.715	-0.131	0.444	0.969	1.401	1.697
6491	64.90	1.820	1.764	1.566	1.307	1.102	1.053	1.216	1.568	2.018	2.442

Table 7—26—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.738	2.877	2.909	2.939	3.060	3.289	3.539	3.639	3.401	2.708
6511	65.10	1.577	0.170	-1.259	-2.456	-3.256	-3.640	-3.722	-3.689	-3.714	-3.890
6521	65.20	-4.205	-4.571	-4.871	-5.016	-4.966	-4.724	-4.310	-3.732	-2.991	-2.101
6531	65.30	-1.118	-0.156	0.635	1.118	1.231	1.029	0.666	0.346	0.231	0.366
6541	65.40	0.660	0.913	0.913	0.529	-0.227	-1.189	-2.108	-2.739	-2.939	-2.706
6551	65.50	-2.167	-1.509	-0.899	-0.428	-0.089	0.189	0.588	0.849	1.249	1.616
6561	65.60	1.869	1.965	1.931	1.860	1.882	2.115	2.615	3.354	4.221	5.057
6571	65.70	5.698	6.031	6.026	5.739	5.291	4.819	4.423	4.129	3.878	3.556
6581	65.80	3.046	2.282	1.283	0.151	-0.975	-1.976	-2.805	-3.508	-4.186	-4.939
6591	65.90	-5.798	-6.689	-7.449	-7.891	-7.884	-7.415	-6.603	-5.652	-4.771	-4.093
6601	66.00	-3.628	-3.282	-2.915	-2.419	-1.771	-1.036	-0.333	0.231	0.615	0.857
6611	66.10	1.047	1.276	1.593	1.980	2.375	2.714	2.965	3.144	3.297	3.458
6621	66.20	3.617	3.712	3.650	3.353	2.802	2.052	1.220	0.437	-0.198	-0.644
6631	66.30	-0.921	-1.083	-1.185	-1.255	-1.296	-1.297	-1.255	-1.181	-1.094	-1.001
6641	66.40	-0.882	-0.693	-0.382	0.076	0.658	1.287	1.861	2.296	2.557	2.681
6651	66.50	2.751	2.857	3.050	3.318	3.594	3.784	3.818	3.681	3.410	3.074
6661	66.60	2.737	2.420	2.099	1.723	1.250	0.678	0.054	-0.536	-1.007	-1.307
6671	66.70	-1.440	-1.461	-1.451	-1.482	-1.583	-1.735	-1.875	-1.926	-1.824	-1.541
6681	66.80	-1.096	-0.543	0.043	0.589	1.048	1.402	1.669	1.889	2.104	2.334
6691	66.90	2.570	2.759	2.828	2.709	2.320	1.683	0.832	-0.143	-1.132	-2.028
6701	67.00	-2.740	-3.207	-3.396	-3.303	-2.951	-2.394	-1.719	-1.037	-0.465	-0.096
6711	67.10	0.027	-0.066	-0.291	-0.529	-0.678	-0.683	-0.548	-0.332	-0.104	0.087
6721	67.20	0.233	0.366	0.527	0.739	0.978	1.186	1.292	1.251	1.069	0.802
6731	67.30	0.528	0.307	0.141	-0.027	-0.295	-0.752	-1.435	-2.303	-3.245	-4.112
6741	67.40	-4.773	-5.152	-5.240	-5.096	-4.797	-4.436	-4.073	-3.744	-3.456	-3.203
6751	67.50	-2.966	-2.710	-2.505	-2.011	-1.511	-0.918	-0.280	0.284	0.708	0.917
6761	67.60	0.904	0.729	0.501	0.339	0.326	0.580	0.751	1.049	1.284	1.401
6771	67.70	1.400	1.329	1.259	1.250	1.335	1.506	1.730	1.966	2.178	2.364
6781	67.80	2.456	2.513	2.518	2.476	2.393	2.273	2.122	1.939	1.724	1.477
6791	67.90	1.214	0.967	0.782	0.697	0.723	0.822	0.909	0.877	0.641	0.184
6801	68.00	-0.423	-1.033	-1.478	-1.641	-1.506	-1.177	-0.834	-0.659	-0.754	-1.095
6811	68.10	-1.540	-1.896	-2.007	-1.829	-1.451	-1.050	-0.815	-0.853	-1.143	-1.546
6821	68.20	-1.873	-1.964	-1.766	-1.343	-0.843	-0.422	-0.130	-0.175	-0.175	-0.206
6831	68.30	-0.140	0.038	0.271	0.465	0.540	0.473	0.310	0.137	0.041	0.071
6841	68.40	0.211	0.401	0.558	0.622	0.575	0.447	0.294	0.176	0.127	0.155
6851	68.50	0.234	0.339	0.444	0.539	0.628	0.719	0.817	0.917	1.000	1.045
6861	68.60	1.028	0.934	0.762	0.530	0.275	0.051	-0.081	-0.067	0.127	0.497
6871	68.70	0.997	1.544	2.035	2.377	2.512	2.438	2.214	1.940	1.729	1.663
6881	68.80	1.761	1.963	2.141	2.138	1.823	1.143	0.157	-0.974	-2.029	-2.799
6891	68.90	-3.162	-3.125	-2.822	-2.462	-2.246	-2.292	-2.586	-3.000	-3.350	-3.485
6901	69.00	-3.349	-3.000	-2.575	-2.213	-1.979	-1.831	-1.642	-1.270	-0.645	0.183
6911	69.10	1.043	1.722	2.062	2.037	1.781	1.530	1.515	1.851	2.481	3.191
6921	69.20	3.702	3.799	3.421	2.692	1.861	1.193	0.868	0.822	0.958	1.029
6931	69.30	0.851	0.366	-0.329	-1.027	-1.503	-1.602	-1.293	-0.669	0.108	0.876
6941	69.40	1.525	2.018	2.373	2.629	2.811	2.920	2.940	2.863	2.699	2.488
6951	69.50	2.275	2.098	1.970	1.876	1.784	1.656	1.466	1.200	0.852	0.426
6961	69.60	-0.069	-0.610	-1.161	-1.673	-2.102	-2.426	-2.656	-2.832	-3.001	-3.185
6971	69.70	-3.356	-3.461	-3.349	-3.023	-2.489	-1.869	-1.360	-1.163	-1.411	-2.106
6981	69.80	-3.112	-4.198	-5.116	-5.678	-5.820	-5.593	-5.128	-4.572	-4.043	-3.600
6991	69.90	-3.255	-2.997	-2.807	-2.666	-2.560	-2.364	-2.048	-1.507	-0.705	0.300

Table 7—26—15

TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.347	2.209	2.663	2.581	1.987	1.062	0.094	-0.624	-0.884	-0.633
7011	70.10	0.029	0.895	1.737	2.379	2.744	2.856	2.802	2.690	2.606	2.599
7021	70.20	2.685	2.857	3.099	3.389	3.699	3.989	4.219	4.358	4.399	4.369
7031	70.30	4.317	4.298	4.345	4.453	4.576	4.667	4.609	4.439	4.158	3.820
7041	70.40	3.485	3.191	2.930	2.657	2.312	1.854	1.291	0.688	0.152	-0.213
7051	70.50	-0.365	-0.263	-0.069	0.077	0.008	-0.390	-1.136	-2.140	-3.227	-4.195
7061	70.60	-4.875	-5.182	-5.138	-4.867	-4.455	-4.092	-3.829	-3.667	-3.551	-3.407
7071	70.70	-3.183	-2.868	-2.496	-2.124	-1.808	-1.579	-1.438	-1.363	-1.325	-1.302
7081	70.80	-1.286	-1.274	-1.266	-1.256	-1.236	-1.201	-1.158	-1.117	-1.086	-1.058
7091	70.90	-1.004	-0.882	-0.657	-0.322	0.086	0.493	0.814	0.989	1.007	0.914
7101	71.00	0.789	0.705	0.694	0.727	0.730	0.618	0.335	-0.115	-0.677	-1.260
7111	71.10	-1.777	-2.169	-2.415	-2.515	-2.478	-2.313	-2.039	-1.695	-1.360	-1.134
7121	71.20	-1.106	-1.304	-1.657	-2.005	-2.163	-1.905	-1.244	-0.267	0.791	1.659
7131	71.30	2.131	2.168	1.888	1.535	1.355	1.491	1.917	2.457	2.867	2.942
7141	71.40	2.611	1.900	1.193	0.540	0.173	0.150	0.418	0.860	1.362	1.850
7151	71.50	2.305	2.731	3.119	3.421	3.557	3.452	3.075	2.470	1.751	1.068
7161	71.60	0.556	0.284	0.239	0.335	0.443	0.434	0.218	-0.240	-0.915	-1.730
7171	71.70	-2.575	-3.325	-3.876	-4.159	-4.174	-3.988	-3.721	-3.511	-3.457	-3.582
7181	71.80	-3.812	-4.003	-3.989	-3.650	-2.967	-2.036	-1.033	-0.159	0.441	0.718
7191	71.90	0.730	0.512	0.514	0.545	0.743	1.073	1.459	1.821	2.111	2.323
7201	72.00	2.481	2.618	2.754	2.886	2.997	3.069	3.099	3.103	3.106	3.125
7211	72.10	3.158	3.177	3.139	3.010	2.786	2.504	2.232	2.067	2.001	2.024
7221	72.20	2.269	2.429	2.471	2.328	1.995	1.531	1.034	0.602	0.290	0.098
7231	72.30	-0.025	-0.148	-0.318	-0.533	-0.744	-0.879	-0.884	-0.758	-0.557	-0.376
7241	72.40	-0.305	-0.384	-0.587	-0.831	-1.015	-1.074	-1.005	-0.876	-0.793	-0.850
7251	72.50	-1.089	-1.477	-1.923	-2.318	-2.576	-2.664	-2.606	-2.465	-2.309	-2.183
7261	72.60	-2.100	-2.041	-1.974	-1.862	-1.680	-1.410	-1.048	-0.607	-0.126	0.327
7271	72.70	0.662	0.787	0.640	0.214	-0.425	-1.160	-1.853	-2.390	-2.715	-2.833
7281	72.80	-2.798	-2.670	-2.492	-2.269	-1.987	-1.634	-1.226	-0.805	-0.430	-0.138
7291	72.90	0.077	0.274	0.535	0.927	1.464	2.087	2.684	3.134	3.358	3.349
7301	73.00	3.174	2.935	2.724	2.578	2.470	2.331	2.091	1.727	1.276	0.829
7311	73.10	0.491	0.336	0.376	0.556	0.783	0.960	1.034	1.004	0.921	0.856
7321	73.20	0.870	0.985	1.183	1.418	1.662	1.828	1.976	2.110	2.249	2.393
7331	73.30	2.502	2.510	2.345	1.961	1.379	0.677	-0.018	-0.575	-0.908	-1.007
7341	73.40	-0.950	-0.876	-0.928	-1.207	-1.728	-2.419	-3.149	-3.776	-4.197	-4.374
7351	73.50	-4.327	-4.121	-3.822	-3.487	-3.152	-2.846	-2.605	-2.474	-2.498	-2.694
7361	73.60	-3.035	-3.448	-3.834	-4.104	-4.209	-4.154	-3.984	-3.746	-3.465	-3.121
7371	73.70	-2.670	-2.077	-1.354	-0.573	0.156	0.733	1.117	1.357	1.574	1.908
7381	73.80	2.447	3.177	3.981	4.681	5.115	5.209	5.001	4.626	4.247	3.984
7391	73.90	3.866	3.823	3.726	3.453	2.937	2.195	1.311	0.403	-0.418	-1.068
7401	74.00	-1.494	-1.669	-1.583	-1.254	-0.732	-0.115	0.469	0.889	1.065	0.998
7411	74.10	0.777	0.568	0.447	0.545	0.805	1.098	1.259	1.150	0.726	0.044
7421	74.20	-0.762	-1.542	-2.186	-2.651	-2.956	-3.143	-3.239	-3.242	-3.126	-2.878
7431	74.30	-2.531	-2.164	-1.881	-1.759	-1.805	-1.942	-2.032	-1.940	-1.597	-1.040
7441	74.40	-0.403	0.138	0.437	0.443	0.218	-0.097	-0.340	-0.405	-0.277	-0.034
7451	74.50	0.203	0.326	0.294	0.144	-0.026	-0.108	-0.028	0.227	0.613	1.056
7461	74.60	1.484	1.853	2.148	2.371	2.521	2.583	2.532	2.353	2.062	1.710
7471	74.70	1.380	1.157	1.098	1.204	1.425	1.674	1.863	1.940	1.907	1.814
7481	74.80	1.732	1.721	1.797	1.928	2.043	2.069	1.961	1.725	1.412	1.096
7491	74.90	0.842	0.672	0.557	0.431	0.219	-0.125	-0.597	-1.139	-1.662	-2.080

Table 7—26—16

TABLE OF CORRECTED ACCELERATION RECORD NO.16

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 35.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.341	-2.443	-2.429	-2.360	-2.285	-2.220	-2.145	-2.018	-1.802	-1.484
7511	75.10	-1.086	-0.658	-0.256	0.072	0.301	0.420	0.429	0.330	0.123	-0.179
7521	75.20	-0.540	-0.897	-1.166	-1.275	-1.190	-0.942	-0.625	-0.367	-0.290	-0.455
7531	75.30	-0.847	-1.372	-1.899	-2.303	-2.506	-2.496	-2.311	-2.005	-1.621	-1.174
7541	75.40	-0.653	-0.152	0.608	1.273	1.865	2.312	2.583	2.703	2.737	2.769
7551	75.50	2.852	2.990	3.129	3.188	3.092	2.812	2.381	1.879	1.340	1.040
7561	75.60	0.821	0.729	0.707	0.683	0.594	0.410	0.137	-0.185	-0.494	-0.716
7571	75.70	-0.788	-0.688	-0.355	0.106	0.629	1.108	1.446	1.583	1.519	1.309
7581	75.80	1.037	0.782	0.587	0.443	0.300	0.102	-0.181	-0.535	-0.904	-1.218
7591	75.90	-1.425	-1.521	-1.546	-1.566	-1.636	-1.769	-1.933	-2.065	-2.111	-2.056
7601	76.00	-1.939	-1.860	-1.844	-1.999	-2.294	-2.657	-2.984	-3.182	-3.203	-3.061
7611	76.10	-2.820	-2.563	-2.360	-2.239	-2.184	-2.144	-2.056	-1.873	-1.575	-1.175
7621	76.20	-0.713	-0.246	0.176	0.516	0.754	0.909	1.008	1.086	1.165	1.242
7631	76.30	1.290	1.268	1.144	0.925	0.663	0.448	0.372	0.483	0.755	1.079
7641	76.40	1.302	1.286	0.977	0.444	-0.132	-0.518	-0.528	-0.095	0.682	1.572
7651	76.50	2.295	2.634	2.521	2.061	1.490	1.076	1.007	1.319	1.884	2.468
7661	76.60	2.827	2.804	2.381	1.674	0.870	0.154	-0.366	-0.675	-0.839	-0.949
7671	76.70	-1.070	-1.207	-1.314	-1.317	-1.162	-0.842	-0.399	0.094	0.565	0.973
7681	76.80	1.315	1.612	1.890	2.149	2.359	2.464	2.409	2.163	1.735	1.182
7691	76.90	0.587	0.041	-0.387	-0.663	-0.791	-0.809	-0.770	-0.727	-0.715	-0.746
7701	77.00	-0.811	-0.885	-0.942	-0.965	-0.953	-0.919	-0.883	-0.860	-0.843	-0.809
7711	77.10	-0.729	-0.583	-0.384	-0.185	-0.072	-0.128	-0.403	-0.882	-1.475	-2.044
7721	77.20	-2.447	-2.589	-2.459	-2.137	-1.760	-1.467	-1.349	-1.409	-1.569	-1.705
7731	77.30	-1.698	-1.487	-1.088	-0.582	-0.082	0.319	0.583	0.733	0.839	0.982
7741	77.40	1.215	1.539	1.898	2.202	2.356	2.299	2.025	1.589	1.095	0.662
7751	77.50	0.387	0.312	0.410	0.584	0.704	0.647	0.347	0.181	-0.835	-1.661
7761	77.60	-1.899	-2.043	-1.872	-1.456	-0.927	-0.428	-0.064	0.128	0.135	0.137
7771	77.70	0.080	0.030	-0.027	-0.129	-0.313	-0.583	-0.902	-1.205	-1.425	-1.520
7781	77.80	-1.488	-1.359	-1.178	-0.976	-0.756	-0.495	-0.164	0.251	0.736	1.247
7791	77.90	1.730	2.139	2.458	2.700	2.889	3.039	3.137	3.141	3.003	2.698
7801	78.00	2.247	1.733	1.270	0.976	0.917	1.085	1.391	1.698	1.872	1.827
7811	78.10	1.560	1.147	0.706	0.351	0.165	0.086	0.107	0.121	0.050	-0.137
7821	78.20	-0.419	-0.746	-1.060	-1.323	-1.528	-1.689	-1.821	-1.926	-1.987	-1.985
7831	78.30	-1.918	-1.819	-1.754	-1.797	-1.997	-2.343	-2.756	-3.108	-3.269	-3.159
7841	78.40	-2.782	-2.230	-1.649	-1.185	-0.927	-0.886	-0.993	-1.143	-1.234	-1.215
7851	78.50	-1.089	-0.903	-0.709	-0.537	-0.380	-0.201	0.040	0.356	0.723	1.082
7861	78.60	1.374	1.562	1.657	1.716	1.815	2.015	2.325	2.691	3.004	3.141
7871	78.70	3.012	2.596	1.959	1.239	0.599	0.174	0.023	0.109	0.317	0.498
7881	78.80	0.526	0.353	0.019	-0.357	-0.632	-0.700	-0.529	-0.181	0.220	0.539
7891	78.90	0.682	0.631	0.441	0.208	0.018	-0.087	-0.125	-0.158	-0.253	-0.446
7901	79.00	-0.722	-1.028	-1.295	-1.473	-1.555	-1.573	-1.580	-1.623	-1.720	-1.856
7911	79.10	-1.985	-2.056	-2.024	-1.864	-1.572	-1.163	-0.674	-0.156	0.324	0.700
7921	79.20	0.927	1.001	0.976	0.954	1.048	1.340	1.838	2.455	3.039	3.424
7931	79.30	3.495	3.241	2.758	2.212	1.775	1.552	1.547	1.671	1.785	1.763
7941	79.40	1.540	1.129	0.601	0.042	-0.478	-0.926	-1.295	-1.580	-1.761	-1.801
7951	79.50	-1.663	-1.344	-0.892	-0.403	0.011	0.258	0.308	0.202	0.030	-0.103
7961	79.60	-0.126	-0.025	0.162	0.344	0.517	0.592	0.599	0.578	0.573	0.613
7971	79.70	0.703	0.827	0.963	1.097	1.227	1.357	1.482	1.608	1.695	1.722
7981	79.80	1.670	1.539	1.369	1.130	0.912	0.711	0.524	0.331	0.104	-0.177
7991	79.90	-0.518	-0.907	-1.317	-1.715	-2.071	-2.366	-2.594	-2.755	-2.853	-2.884

Table 7—26—17

TABLE OF CORRECTED ACCELERATION RECORD NO.17

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.832	-2.680	-2.412	-2.039	-1.598	-1.165	-0.830	-0.679	-0.760	-1.063
8011	80.10	-1.519	-2.022	-2.457	-2.748	-2.874	-2.871	-2.809	-2.753	-2.733	-2.731
8021	80.20	-2.689	-2.538	-2.237	-1.787	-1.235	-0.657	-0.129	0.298	0.607	0.807
8031	80.30	0.919	0.961	0.944	0.874	0.766	0.662	0.533	0.463	0.437	0.432
8041	80.40	0.407	0.323	0.162	-0.055	-0.273	-0.423	-0.469	-0.335	-0.111	0.151
8051	80.50	0.370	0.483	0.465	0.341	0.171	0.031	-0.013	0.078	0.305	0.636
8061	80.60	1.008	1.348	1.585	1.668	1.579	1.342	1.017	0.692	0.453	0.362
8071	80.70	0.436	0.640	0.904	1.146	1.302	1.369	1.309	1.233	1.177	1.174
8081	80.80	1.215	1.257	1.242	1.126	0.907	0.630	0.375	0.229	0.245	0.621
8091	80.90	0.693	0.953	1.088	1.024	0.748	0.319	-0.156	-0.561	-0.810	-0.877
8101	81.00	-0.797	-0.665	-0.503	-0.429	-0.438	-0.508	-0.596	-0.663	-0.692	-0.681
8111	81.10	-0.642	-0.579	-0.483	-0.540	-0.667	0.077	0.288	0.429	0.457	0.374
8121	81.20	0.232	0.123	0.142	0.347	0.728	1.205	1.655	1.953	2.024	1.857
8131	81.30	1.507	1.067	0.633	0.275	0.031	-0.088	-0.084	0.036	0.256	0.543
8141	81.40	0.837	1.056	1.123	0.997	0.698	0.310	-0.038	-0.222	-0.168	0.114
8151	81.50	0.538	0.965	1.259	1.332	1.169	0.822	0.385	-0.046	-0.408	-0.680
8161	81.60	-0.884	-1.067	-1.275	-1.539	-1.863	-2.226	-2.588	-2.903	-3.131	-3.254
8171	81.70	-3.278	-3.239	-3.182	-3.166	-3.143	-3.150	-3.116	-2.983	-2.722	-2.344
8181	81.80	-1.905	-1.479	-1.121	-0.835	-0.566	-0.212	0.307	1.028	1.897	2.790
8191	81.90	3.550	4.052	4.246	4.180	3.970	3.753	3.630	3.630	3.715	3.809
8201	82.00	3.838	3.766	3.600	3.374	3.123	2.863	2.584	2.266	1.903	1.513
8211	82.10	1.136	0.817	0.582	0.421	0.288	0.123	-0.126	-0.483	-0.937	-1.453
8221	82.20	-1.986	-2.496	-2.965	-3.311	-3.569	-3.701	-3.708	-3.618	-3.495	-3.415
8231	82.30	-3.446	-3.610	-3.865	-4.115	-4.239	-4.145	-3.815	-3.314	-2.771	-2.326
8241	82.40	-2.070	-2.010	-2.068	-2.113	-2.027	-1.749	-1.300	-0.765	-0.251	0.165
8251	82.50	0.470	0.712	0.970	1.308	1.737	2.203	2.611	2.857	2.882	2.695
8261	82.60	2.372	2.030	1.780	1.691	1.759	1.917	2.061	2.090	1.947	1.641
8271	82.70	1.246	0.864	0.610	0.569	0.683	0.950	1.248	1.469	1.543	1.456
8281	82.80	1.251	1.007	0.800	0.677	0.632	0.621	0.584	0.475	0.292	0.071
8291	82.90	-0.128	-0.251	-0.278	-0.236	-0.184	-0.188	-0.288	-0.479	-0.709	-0.899
8301	83.00	-0.984	-0.932	-0.766	-0.549	-0.361	-0.264	-0.279	-0.384	-0.520	-0.625
8311	83.10	-0.658	-0.614	-0.521	-0.433	-0.399	-0.453	-0.599	-0.811	-1.048	-1.262
8321	83.20	-1.404	-1.436	-1.332	-1.078	-0.679	-0.164	0.417	0.998	1.511	1.902
8331	83.30	2.146	2.253	2.259	2.209	2.143	2.078	2.007	1.909	1.767	1.576
8341	83.40	1.366	1.101	0.858	0.623	0.385	0.131	-0.139	-0.406	-0.626	-0.753
8351	83.50	-0.762	-0.672	-0.551	-0.501	-0.618	-0.954	-1.495	-2.161	-2.832	-3.394
8361	83.60	-3.727	-3.927	-4.046	-4.066	-4.079	-4.116	-4.136	-4.070	-3.849	-3.438
8371	83.70	-2.850	-2.141	-1.392	-0.680	-0.060	0.443	0.827	1.108	1.305	1.441
8381	83.80	1.538	1.623	1.719	1.841	1.990	2.148	2.290	2.395	2.460	2.504
8391	83.90	2.555	2.637	2.742	2.825	2.814	2.639	2.271	1.746	1.166	0.669
8401	84.00	0.378	0.353	0.555	0.861	1.107	1.147	0.919	0.465	-0.080	-0.547
8411	84.10	-0.792	-0.761	-0.500	-0.134	0.184	0.338	0.289	0.081	-0.186	-0.408
8421	84.20	-0.523	-0.532	-0.492	-0.479	-0.550	-0.714	-0.927	-1.115	-1.205	-1.156
8431	84.30	-0.965	-0.667	-0.304	0.089	0.493	0.900	1.295	1.648	1.912	2.042
8441	84.40	2.020	1.871	1.661	1.473	1.371	1.370	1.420	1.430	1.302	0.980
8451	84.50	0.473	-0.140	-0.744	-1.230	-1.538	-1.669	-1.679	-1.644	-1.628	-1.662
8461	84.60	-1.738	-1.829	-1.905	-1.951	-1.963	-1.940	-1.869	-1.723	-1.477	-1.122
8471	84.70	-0.689	-0.245	0.126	0.350	0.401	0.309	0.157	0.048	0.063	0.238
8481	84.80	0.550	0.937	1.324	1.652	1.890	2.032	2.082	2.033	1.864	1.550
8491	84.90	1.078	0.470	-0.218	-0.900	-1.490	-1.925	-2.188	-2.307	-2.337	-2.338

Table 7—26—18

TABLE OF CORRECTED ACCELERATION RECORD NO.18

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.344	-2.356	-2.340	-2.265	-2.033	-1.690	-1.246	-0.757	-0.295	0.080
8511	85.10	0.340	0.497	0.594	0.685	0.809	0.968	1.121	1.201	1.142	0.913
8521	85.20	0.544	0.118	-0.249	-0.460	-0.475	-0.338	-0.159	-0.076	-0.193	-0.534
8531	85.30	-1.025	-1.523	-1.874	-1.973	-1.816	-1.485	-1.130	-0.883	-0.812	-0.888
8541	85.40	-1.005	-1.035	-0.885	-0.545	-0.085	0.379	0.740	0.953	1.047	1.109
8551	85.50	1.233	1.469	1.797	2.129	2.356	2.394	2.223	1.903	1.538	1.240
8561	85.60	1.081	1.067	1.148	1.246	1.295	1.266	1.174	1.062	0.977	0.943
8571	85.70	0.961	1.008	1.062	1.112	1.163	1.234	1.338	1.472	1.615	1.735
8581	85.80	1.801	1.791	1.699	1.527	1.279	0.960	0.575	0.142	-0.307	-0.724
8591	85.90	-1.061	-1.294	-1.435	-1.541	-1.689	-1.949	-2.344	-2.832	-3.311	-3.655
8601	86.00	-3.759	-3.581	-3.155	-2.579	-1.974	-1.436	-1.011	-0.690	-0.428	-0.181
8611	86.10	0.073	0.327	0.557	0.751	0.922	1.112	1.361	1.687	2.054	2.387
8621	86.20	2.586	2.580	2.351	1.951	1.476	1.029	0.679	0.436	0.263	0.111
8631	86.30	-0.043	-0.174	-0.216	-0.098	0.208	0.660	1.150	1.538	1.716	1.655
8641	86.40	1.425	1.165	1.025	1.102	1.396	1.805	2.170	2.341	2.235	1.864
8651	86.50	1.331	0.775	0.321	0.035	-0.090	-0.111	-0.103	-0.119	-0.179	-0.274
8661	86.60	-0.386	-0.511	-0.664	-0.868	-1.131	-1.427	-1.694	-1.853	-1.847	-1.675
8671	86.70	-1.406	-1.164	-1.087	-1.273	-1.743	-2.424	-3.176	-3.847	-4.321	-4.557
8681	86.80	-4.595	-4.523	-4.437	-4.393	-4.391	-4.379	-4.285	-4.055	-3.670	-3.157
8691	86.90	-2.565	-1.947	-1.332	-0.727	-0.125	0.476	1.060	1.595	2.044	2.388
8701	87.00	2.640	2.836	3.022	3.226	3.437	3.604	3.656	3.533	3.218	2.749
8711	87.10	2.212	1.705	1.307	1.042	0.881	0.756	0.597	0.359	0.043	-0.313
8721	87.20	-0.649	-0.915	-1.088	-1.173	-1.195	-1.175	-1.121	-1.024	-0.865	-0.633
8731	87.30	-0.335	-0.000	0.331	0.624	0.864	1.061	1.239	1.420	1.609	1.782
8741	87.40	1.897	1.907	1.786	1.543	1.220	0.882	0.595	0.393	0.273	0.193
8751	87.50	0.087	-0.109	-0.431	-0.875	-1.400	-1.940	-2.431	-2.827	-3.117	-3.313
8761	87.60	-3.448	-3.549	-3.627	-3.670	-3.650	-3.536	-3.315	-2.999	-2.628	-2.257
8771	87.70	-1.937	-1.692	-1.514	-1.364	-1.189	-0.948	-0.632	-0.269	0.085	0.372
8781	87.80	0.559	0.658	0.724	0.834	1.052	1.396	1.825	2.248	2.553	2.660
8791	87.90	2.547	2.264	1.917	1.623	1.473	1.492	1.643	1.845	2.010	2.078
8801	88.00	2.035	1.904	1.730	1.549	1.379	1.219	1.066	0.929	0.830	0.800
8811	88.10	0.855	0.981	1.135	1.259	1.311	1.291	1.240	1.231	1.325	1.539
8821	88.20	1.831	2.113	2.293	2.318	2.202	2.023	1.881	1.848	1.925	2.042
8831	88.30	2.090	1.974	1.671	1.247	0.834	0.566	0.519	0.671	0.907	1.071
8841	88.40	1.039	0.774	0.342	-0.115	-0.450	-0.573	-0.489	-0.294	-0.121	-0.088
8851	88.50	-0.242	-0.550	-0.923	-1.262	-1.501	-1.631	-1.688	-1.729	-1.795	-1.892
8861	88.60	-1.992	-2.053	-2.039	-1.940	-1.770	-1.558	-1.337	-1.133	-0.963	-0.846
8871	88.70	-0.806	-0.867	-1.041	-1.317	-1.669	-1.967	-2.197	-2.282	-2.210	-2.016
8881	88.80	-1.766	-1.531	-1.362	-1.267	-1.215	-1.153	-1.027	-0.802	-0.473	-0.056
8891	88.90	0.420	0.926	1.441	1.945	2.416	2.827	3.143	3.330	3.365	3.239
8901	89.00	2.959	2.550	2.045	1.484	0.910	0.368	-0.096	-0.449	-0.673	-0.780
8911	89.10	-0.806	-0.806	-0.832	-0.915	-1.049	-1.197	-1.302	-1.317	-1.222	-1.036
8921	89.20	-0.810	-0.605	-0.468	-0.412	-0.419	-0.448	-0.460	-0.432	-0.365	-0.275
8931	89.30	-0.179	-0.080	0.033	0.176	0.356	0.556	0.731	0.829	0.809	0.662
8941	89.40	0.427	0.170	-0.030	-0.120	-0.085	0.045	0.210	0.349	0.423	0.419
8951	89.50	0.351	0.240	0.096	-0.083	-0.306	-0.575	-0.870	-1.153	-1.376	-1.510
8961	89.60	-1.562	-1.578	-1.624	-1.759	-2.000	-2.310	-2.608	-2.802	-2.830	-2.685
8971	89.70	-2.413	-2.105	-1.836	-1.635	-1.489	-1.339	-1.129	-0.838	-0.498	-0.181
8981	89.80	0.036	0.119	0.096	0.051	0.085	0.268	0.592	0.972	1.279	1.391
8991	89.90	1.256	0.917	0.498	0.157	0.025	0.149	0.488	0.928	1.338	1.620

Table 7—26—19 TABLE OF CORRECTED ACCELERATION RECORD NO.19

INDEX NO. 1173 S1401-GR-1-1 HB. (HB.) TONEGAWA ES. MAX. ACC. = 33.273 (GAL) T= 23.87 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.739	1.725	1.647	1.578	1.563	1.613	1.713	1.835	1.954	2.051
9011	90.10	2.112	2.109	2.016	1.812	1.500	1.117	0.731	0.418	0.234	0.191
9021	90.20	0.246	0.320	0.332	0.230	0.013	-0.272	-0.557	-0.787	-0.941	-1.038
9031	90.30	-1.117	-1.215	-1.337	-1.452	-1.509	-1.464	-1.301	-1.045	-0.754	-0.493
9041	90.40	-0.306	-0.204	-0.165	-0.167	-0.114	-0.047	0.042	0.127	0.173	0.157
9051	90.50	0.068	-0.087	-0.292	-0.523	-0.752	-0.950	-1.088	-1.144	-1.107	-0.985
9061	90.60	-0.798	-0.575	-0.337	-0.090	0.172	0.462	0.784	1.115	1.410	1.613
9071	90.70	1.678	1.596	1.402	1.164	0.959	0.838	0.806	0.818	0.799	0.679
9081	90.80	0.418	0.032	-0.421	-0.856	-1.198	-1.396	-1.444	-1.366	-1.210	-1.025
9091	90.90	-0.858	-0.742	-0.694	-0.712	-0.777	-0.868	-0.871	-0.798	-0.604	-0.305
9101	91.00	0.043	0.355	0.555	0.601	0.508	0.347	0.213	0.189	0.308	0.538
9111	91.10	0.796	0.980	1.017	0.884	0.621	0.306	0.027	-0.156	-0.225	-0.195
9121	91.20	-0.104	0.015	0.150	0.300	0.473	0.665	0.855	1.008	1.093	1.097
9131	91.30	1.036	0.946	0.884	0.891	0.989	1.169	1.397	1.628	1.817	1.928
9141	91.40	1.940	1.866	1.656	1.391	1.086	0.781	0.519	0.331	0.229	0.199
9151	91.50	0.209	0.219	0.196	0.128	0.025	-0.090	-0.189	-0.258	-0.301	-0.336
9161	91.60	-0.376	-0.439	-0.517	-0.592	-0.663	-0.657	-0.637	-0.601	-0.574	-0.573
9171	91.70	-0.605	-0.657	-0.714	-0.759	-0.793	-0.828	-0.888	-0.990	-1.139	-1.319
9181	91.80	-1.495	-1.628	-1.683	-1.645	-1.522	-1.339	-1.135	-0.965	-0.796	-0.697
9191	91.90	-0.642	-0.606	-0.555	-0.451	-0.264	0.025	0.408	0.857	1.316	1.722
9201	92.00	2.014	2.152	2.125	1.958	1.700	1.410	1.142	0.928	0.772	0.658
9211	92.10	0.559	0.452	0.329	0.203	0.099	0.043	0.054	0.130	0.254	0.395
9221	92.20	0.521	0.613	0.669	0.702	0.731	0.769	0.817	0.860	0.874	0.836
9231	92.30	0.736	0.576	0.372	0.143	-0.100	-0.356	-0.634	-0.936	-1.254	-1.563
9241	92.40	-1.823	-1.999	-2.073	-2.054	-1.978	-1.891	-1.830	-1.804	-1.795	-1.765
9251	92.50	-1.684	-1.545	-1.375	-1.222	-1.133	-1.125	-1.175	-1.228	-1.221	-1.120
9261	92.60	-0.939	-0.743	-0.617	-0.629	-0.789	-1.043	-1.289	-1.422	-1.379	-1.177
9271	92.70	-0.904	-0.686	-0.629	-0.771	-1.063	-1.384	-1.587	-1.561	-1.272	-0.775
9281	92.80	-0.185	0.366	0.786	1.048	1.195	1.309	1.474	1.731	2.068	2.424
9291	92.90	2.714	2.865	2.839	2.645	2.324	1.937	1.536	1.155	0.804	0.478
9301	93.00	0.164	-0.144	-0.443	-0.718	-0.949	-1.112	-1.189	-1.164	-1.033	-0.801
9311	93.10	-0.489	-0.133	0.220	0.514	0.706	0.773	0.726	0.609	0.489	0.430
9321	93.20	0.471	0.608	0.793	0.948	0.992	0.877	0.603	0.223	-0.175	-0.499
9331	93.30	-0.684	-0.717	-0.631	-0.493	-0.372	-0.310	-0.314	-0.350	-0.366	-0.311
9341	93.40	-0.157	0.098	0.426	0.787	1.131	1.414	1.600	1.662	1.588	1.386
9351	93.50	1.089	0.754	0.455	0.260	0.211	0.302	0.478	0.646	0.708	0.594
9361	93.60	0.291	-0.150	-0.633	-1.046	-1.309	-1.392	-1.332	-1.208	-1.109	-1.102
9371	93.70	-1.202	-1.375	-1.556	-1.674	-1.684	-1.580	-1.391	-1.166	-0.945	

Table 7—27—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.884	-3.544	-4.677	-5.406	-5.917	-6.349	-6.714	-6.913	-6.821	-6.382
11	0.10	-5.676	-4.895	-4.265	-3.938	-3.919	-4.066	-4.164	-4.030	-3.598	-2.969
21	0.20	-2.266	-1.746	-1.522	-1.621	-1.978	-2.482	-3.038	-3.580	-4.073	-4.481
31	0.30	-4.749	-4.821	-4.683	-4.401	-4.153	-4.156	-4.507	-5.563	-6.884	-8.257
41	0.40	-9.198	-9.396	-8.656	-7.082	-5.035	-3.019	-1.523	-0.867	-1.112	-2.064
51	0.50	-3.355	-4.566	-5.347	-5.497	-4.987	-3.933	-2.564	-1.063	0.274	1.265
61	0.60	1.759	1.672	0.998	-0.170	-1.640	-3.135	-4.343	-4.982	-4.880	-4.034
71	0.70	-2.625	-0.989	0.472	1.398	1.573	0.986	-0.171	-1.572	-2.857	-3.746
81	0.80	-4.108	-3.981	-3.533	-2.992	-2.561	-2.368	-2.436	-2.695	-3.016	-3.246
91	0.90	-3.244	-2.914	-2.222	-1.218	-0.033	1.140	2.092	2.662	2.793	2.557
101	1.00	2.145	1.795	1.695	1.930	2.427	3.002	3.439	3.592	3.445	3.121
111	1.10	2.817	2.709	2.864	3.196	3.499	3.525	3.096	2.172	0.881	-0.523
121	1.20	-1.741	-2.529	-2.768	-2.489	-1.862	-1.157	-0.571	-0.359	-0.579	-1.167
131	1.30	-1.936	-2.621	-2.959	-2.775	-2.038	-0.875	0.466	1.702	2.614	3.110
141	1.40	3.248	3.182	3.086	3.075	3.161	3.270	3.305	3.203	2.976	2.701
151	1.50	2.460	2.290	2.164	1.923	1.529	0.967	0.271	-0.312	-0.601	-0.477
161	1.60	0.038	0.787	1.455	2.119	2.522	2.655	2.794	3.033	3.251	3.578
171	1.70	3.446	2.709	1.280	-0.692	-2.840	-4.697	-5.857	-6.122	-5.588	-4.504
181	1.80	-3.339	-2.426	-1.933	-1.805	-1.812	-1.673	-1.179	-0.290	0.857	2.009
191	1.90	2.901	3.253	3.381	3.097	2.737	2.520	2.559	2.817	3.115	3.203
201	2.00	2.858	1.974	0.620	-0.964	-2.427	-3.404	-3.616	-2.951	-1.502	0.452
211	2.10	2.502	4.204	5.176	5.193	4.243	2.536	0.460	-1.520	-2.989	-3.690
221	2.20	-3.598	-2.896	-1.995	-0.982	-0.313	0.055	0.240	0.426	0.760	1.173
231	2.30	1.567	1.692	1.370	0.579	-0.514	-1.607	-2.394	-2.687	-2.494	-1.992
241	2.40	-1.425	-0.978	-0.690	-0.458	-0.114	0.454	1.223	2.030	2.656	2.938
251	2.50	2.865	2.581	2.313	2.240	2.396	2.646	2.758	2.535	1.936	1.119
261	2.60	0.379	0.013	0.181	0.830	1.711	2.494	2.905	2.828	2.323	1.568
271	2.70	0.756	0.014	-0.618	-1.158	-1.614	-1.946	-2.070	-1.908	-1.450	-0.789
281	2.80	-0.092	0.462	0.770	0.845	0.802	0.792	0.915	1.170	1.453	1.619
291	2.90	1.552	1.221	0.673	-0.008	-0.761	-1.580	-2.483	-3.459	-4.404	-5.103
301	3.00	-5.298	-4.790	-3.564	-1.843	-0.040	1.378	2.073	1.980	1.337	0.594
311	3.10	0.226	0.535	1.527	2.907	4.217	5.017	5.069	4.415	3.336	2.218
321	3.20	1.383	0.964	0.878	0.896	0.773	0.371	-0.275	-0.990	-1.545	-1.774
331	3.30	-1.653	-1.302	-0.924	-0.704	-0.725	-0.937	-1.196	-1.347	-1.306	-1.101
341	3.40	-0.853	-0.704	-0.735	-0.918	-1.126	-1.201	-1.043	-0.677	-0.258	-0.017
351	3.50	-0.160	-0.780	-1.812	-3.053	-4.239	-5.129	-5.571	-5.521	-5.018	-4.138
361	3.60	-2.967	-1.595	-0.137	1.257	2.404	3.139	3.381	3.187	2.760	2.397
371	3.70	2.385	2.891	3.885	5.135	6.272	6.904	6.738	5.657	3.748	1.273
381	3.80	-1.405	-3.897	-5.868	-7.092	-7.485	-7.124	-6.222	-5.080	-4.014	-3.273
391	3.90	-2.975	-3.085	-3.459	-3.909	-4.290	-4.562	-4.689	-4.776	-4.797	-4.655
401	4.00	-4.172	-3.172	-1.579	0.503	2.783	4.871	6.401	7.169	7.199	6.717
411	4.10	6.040	5.439	5.029	4.735	4.352	3.656	2.521	0.986	-0.753	-2.611
421	4.20	-3.719	-4.502	-4.723	-4.649	-5.903	-5.204	-2.518	-1.935	-1.485	-1.158
431	4.30	-0.923	-0.757	-0.661	-0.670	-0.841	-1.227	-1.835	-2.587	-3.309	-3.760
441	4.40	-3.696	-2.960	-1.561	0.308	2.297	4.004	5.091	5.589	4.935	3.952
451	4.50	2.764	1.689	0.961	0.682	0.827	1.284	1.896	2.503	2.970	3.199
461	4.60	3.150	2.864	2.362	1.828	1.361	1.028	0.804	0.566	0.136	-0.649
471	4.70	-1.855	-3.401	-5.063	-6.527	-7.481	-7.703	-7.118	-5.804	-3.961	-1.849
481	4.80	0.253	2.098	3.483	4.273	4.623	3.995	3.162	2.184	1.348	0.877
491	4.90	0.857	1.198	1.668	1.982	1.920	1.425	0.634	-0.165	-0.665	-0.582

Table 7—27—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.056	1.081	2.145	2.855	2.909	2.204	0.861	-0.804	-2.383	-3.491
511	5.10	-3.876	-3.476	-2.420	-0.976	0.538	1.850	2.797	3.350	3.581	3.589
521	5.20	3.430	3.068	2.389	1.262	-0.362	-2.374	-4.491	-6.319	-7.476	-7.729
531	5.30	-7.087	-5.799	-4.255	-2.837	-1.773	-1.066	-0.536	0.064	0.892	1.911
541	5.40	2.882	3.459	3.344	2.436	0.897	-0.862	-2.329	-3.047	-2.758	-1.476
551	5.50	0.536	2.851	5.005	6.607	7.414	7.360	6.541	5.171	3.522	1.857
561	5.60	0.374	-0.829	-1.253	-2.446	-3.037	-3.185	-3.748	-3.709	-3.260	-2.382
571	5.70	-1.184	0.105	1.214	1.939	2.223	2.172	1.880	1.596	1.396	1.244
581	5.80	1.813	1.303	0.356	-0.873	-2.048	-2.787	-2.823	-2.128	-0.935	0.369
591	5.90	1.398	1.931	1.978	1.740	1.483	1.402	1.532	1.762	1.922	1.897
601	6.00	1.693	1.423	1.224	1.158	1.147	1.002	0.518	-0.403	-1.677	-3.044
611	6.10	-4.165	-4.753	-4.684	-4.021	-2.962	-1.729	-0.473	0.759	1.975	3.155
621	6.20	4.175	4.803	4.786	3.986	2.493	0.866	-0.955	-1.824	-1.594	-0.263
631	6.30	1.808	3.005	5.064	6.278	5.440	3.868	1.326	-0.519	-4.234	-8.496
641	6.40	-8.115	-8.994	-9.091	-8.402	-6.980	-4.966	-2.617	-0.268	1.736	3.144
651	6.50	3.878	4.052	3.917	3.745	3.702	3.773	3.761	3.381	2.400	0.761
661	6.60	-1.349	-3.537	-5.322	-6.289	-6.219	-5.146	-3.325	-1.128	1.082	3.045
671	6.70	4.649	5.900	6.859	7.567	8.002	8.076	7.665	6.664	5.037	2.849
681	6.80	0.274	-2.624	-4.934	-6.952	-8.257	-8.762	-8.561	-7.913	-7.177	-6.707
691	6.90	-6.723	-7.216	-7.932	-8.443	-8.298	-7.189	-5.092	-2.293	0.693	3.287
701	7.00	5.038	5.768	5.603	4.895	4.075	3.491	3.297	3.444	3.747	3.998
711	7.10	4.060	3.914	3.627	3.292	2.953	2.583	2.103	1.450	0.637	-0.224
721	7.20	-0.957	-1.397	-1.681	-1.296	-1.059	-1.029	-1.391	-2.158	-3.145	-4.028
731	7.30	-4.473	-4.279	-3.474	-2.315	-1.202	-0.517	-0.478	-1.053	-1.969	-2.819
741	7.40	-3.210	-2.905	-1.892	-0.371	1.326	2.847	3.925	4.629	4.370	3.873
751	7.50	3.131	2.364	1.775	1.516	1.449	2.117	2.735	3.225	3.288	2.703
761	7.60	1.411	-0.651	-2.585	-4.629	-6.271	-7.345	-7.853	-7.926	-7.728	-7.378
771	7.70	-6.776	-6.157	-5.179	-3.821	-2.065	-1.004	-0.263	0.375	0.953	
781	7.80	1.570	2.259	2.970	3.604	4.084	4.416	4.704	5.100	5.712	6.528
791	7.90	7.391	8.048	8.268	7.947	7.168	6.174	5.262	4.656	4.409	4.390
801	8.00	4.349	4.026	3.249	1.978	0.295	-1.655	-3.715	-5.738	-7.570	-9.023
811	8.10	-9.881	-9.935	-9.067	-7.326	-4.952	-2.331	0.120	2.088	3.454	4.313
821	8.20	4.892	5.628	6.053	6.239	7.323	7.597	7.408	6.727	5.650	4.355
831	8.30	3.030	1.817	0.792	-0.020	-0.622	-1.030	-1.288	-1.480	-1.743	-2.240
841	8.40	-3.101	-4.363	-5.917	-7.524	-8.529	-9.029	-9.129	-8.809	-7.293	-5.296
851	8.50	-3.079	-0.887	1.080	2.671	3.787	4.378	4.462	4.132	3.557	2.946
861	8.60	2.488	2.298	2.382	2.649	2.968	3.235	3.422	3.580	3.796	4.119
871	8.70	4.511	4.834	4.895	4.527	3.657	2.336	0.709	-1.056	-2.838	-4.594
881	8.80	-6.335	-8.052	-9.649	-10.917	-11.577	-11.390	-10.277	-8.394	-6.120	-3.946
891	8.90	-2.306	-1.425	-1.240	-1.426	-1.540	-1.189	-0.186	1.390	3.236	4.953
901	9.00	6.198	6.796	6.778	6.332	5.704	5.094	4.595	4.192	3.813	3.400
911	9.10	2.959	2.568	2.329	2.303	2.444	2.583	2.459	1.809	0.472	-1.526
921	9.20	-3.947	-6.382	-8.369	-9.520	-9.646	-8.803	-7.269	-5.436	-3.683	-2.251
931	9.30	-1.207	-0.433	0.250	0.995	1.842	2.702	3.406	3.800	3.827	3.576
941	9.40	3.254	3.113	3.350	4.029	5.059	6.221	7.230	7.814	7.771	7.003
951	9.50	5.525	3.467	1.056	-1.406	-3.593	-5.221	-6.131	-6.344	-6.063	-5.610
961	9.60	-5.313	-5.378	-5.815	-6.437	-6.962	-7.144	-6.897	-6.324	-5.654	-5.103
971	9.70	-4.736	-4.404	-3.799	-2.607	-0.690	1.196	4.407	6.544	7.673	7.522
981	9.80	6.178	4.042	1.681	-0.369	-1.755	-2.361	-2.265	-1.647	-0.698	0.415
991	9.90	1.569	2.546	3.235	3.466	3.182	2.479	1.613	0.923	0.710	1.102

Table 7—27—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.993	3.080	3.976	4.390	4.241	3.693	3.068	2.691	2.721	3.060
1011	10.10	3.360	3.152	2.025	-0.189	-4.307	-6.799	-9.031	-11.816	-13.931	-15.012
1021	10.20	-6.289	-1.436	3.590	7.786	10.358	10.922	9.574	6.819	3.377	-0.048
1031	10.30	-2.965	-5.173	-6.712	-7.728	-8.327	-8.500	-8.158	-7.193	-5.701	-3.932
1041	10.40	-2.285	-1.152	-0.761	-0.975	-1.511	-1.895	-1.775	-1.064	0.000	0.973
1051	10.50	1.403	1.066	-0.018	-1.409	-2.599	-3.117	-2.711	-1.407	0.539	2.763
1061	10.60	4.898	6.651	7.805	8.202	7.740	6.407	4.336	1.826	-0.677	-2.714
1071	10.70	-3.970	-4.400	-4.255	-3.978	-4.005	-4.554	-5.509	-6.463	-6.888	-6.377
1081	10.80	-4.831	-2.504	0.105	2.464	4.215	5.289	5.866	6.236	6.624	7.076
1091	10.90	7.466	7.598	7.356	6.791	6.126	5.654	5.592	5.981	6.652	7.303
1101	11.00	7.609	7.332	6.366	4.712	2.430	-0.403	-3.682	-7.226	-10.726	-13.751
1111	11.10	-15.828	-16.590	-15.923	-14.039	-11.432	-8.710	-6.388	-4.712	-3.599	-2.718
1121	11.20	-1.669	-0.171	1.816	4.089	6.305	8.129	9.351	9.929	9.946	9.524
1131	11.30	8.758	7.689	6.353	4.832	3.302	2.006	1.186	0.987	1.395	2.243
1141	11.40	3.272	4.232	4.960	5.407	5.598	5.560	5.274	4.661	3.650	2.208
1151	11.50	0.503	-1.192	-2.517	-3.156	-2.956	-1.988	-0.528	1.036	2.334	3.147
1161	11.60	3.452	3.403	3.258	3.259	3.535	4.056	4.660	5.016	4.922	4.196
1171	11.70	2.838	1.025	-0.935	-2.694	-3.965	-4.607	-4.661	-4.313	-3.818	-3.390
1181	11.80	-3.130	-3.009	-2.916	-2.748	-2.494	-2.264	-2.250	-2.625	-3.438	-4.555
1191	11.90	-5.685	-6.483	-6.694	-6.260	-5.343	-4.251	-3.291	-2.630	-2.216	-1.813
1201	12.00	-1.120	0.068	1.239	3.642	5.368	6.502	6.782	6.180	4.968	3.432
1211	12.10	2.019	0.963	0.332	0.007	-0.241	-0.659	-1.428	-2.620	-4.193	-6.014
1221	12.20	-7.891	-9.601	-10.917	-11.631	-11.582	-10.701	-9.039	-6.792	-4.273	-1.857
1231	12.30	0.119	1.450	2.138	2.393	2.579	3.078	4.149	5.808	7.797	9.645
1241	12.40	10.829	10.956	9.924	7.971	5.603	3.420	1.896	1.214	1.210	1.457
1251	12.50	1.447	0.801	-0.583	-2.503	-4.547	-6.275	-7.382	-7.808	-7.719	-7.407
1261	12.60	-7.136	-7.024	-7.004	-6.867	-6.378	-5.392	-3.937	-2.211	-0.514	0.866
1271	12.70	1.757	2.175	2.312	2.468	2.936	3.875	5.229	6.711	7.868	8.221
1281	12.80	7.427	5.611	3.424	-1.016	-4.281	-6.824	-8.352	-8.892	-8.736	-8.287
1291	12.90	-7.880	-7.646	-7.496	-7.214	-6.619	-5.695	-4.646	-3.812	-3.519	-3.900
1301	13.00	-4.810	-5.850	-6.519	-6.401	-5.330	-3.434	-1.077	1.294	3.301	4.746
1311	13.10	5.619	6.050	6.223	6.311	6.461	6.800	7.450	8.503	9.965	11.690
1321	13.20	13.337	14.403	14.334	12.682	9.259	4.233	-1.873	-8.274	-14.080	-18.475
1331	13.30	-20.872	-21.023	-19.067	-15.506	-11.120	-6.812	-3.407	-1.447	-1.032	-1.786
1341	13.40	-2.541	-3.187	-2.947	-0.637	3.214	8.014	12.914	17.084	19.941	21.263
1351	13.50	21.146	19.870	17.737	14.982	11.782	8.335	4.941	2.023	0.025	-0.746
1361	13.60	-0.282	1.057	2.619	3.666	3.625	2.280	-0.173	-3.238	-6.333	-9.018
1371	13.70	-11.130	-12.778	-14.213	-15.643	-17.082	-18.305	-18.925	-18.535	-16.868	-13.893
1381	13.80	-9.824	-5.045	-0.004	4.893	9.338	13.141	16.201	18.486	19.992	20.719
1391	13.90	20.650	19.736	17.898	15.065	11.243	6.586	1.458	-3.589	-7.908	-10.925
1401	14.00	-12.321	-12.148	-10.828	-9.024	-7.414	-6.466	-6.302	-6.695	-7.199	-7.365
1411	14.10	-6.808	-5.489	-3.683	-0.967	1.901	5.031	8.375	11.866	15.256	18.331
1421	14.20	20.794	22.499	23.523	24.152	24.751	25.559	26.508	27.162	26.821	24.767
1431	14.30	20.541	14.155	6.125	-2.660	-11.199	-18.646	-24.479	-28.538	-30.935	-31.907
1441	14.40	-31.704	-30.526	-28.540	-25.929	-22.897	-19.654	-16.360	-13.092	-9.860	-6.673
1451	14.50	-3.633	-0.971	0.993	1.990	1.970	1.224	0.366	0.166	1.274	3.953
1461	14.60	7.932	12.461	16.557	19.352	20.395	19.801	18.170	16.331	14.991	14.457
1471	14.70	14.508	14.482	13.519	10.876	6.187	-0.401	-8.262	-16.458	-23.974	-29.964
1481	14.80	-33.803	-35.342	-34.665	-32.088	-28.027	-22.896	-17.067	-10.855	-4.548	1.571
1491	14.90	7.215	12.107	16.023	18.836	20.526	21.204	21.052	20.285	19.107	17.675

Table 7—27—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	16.103	14.460	12.792	11.118	9.432	7.700	5.872	3.917	1.860	-0.191
1511	15.10	-2.063	-3.572	-4.606	-5.204	-5.579	-6.066	-7.002	-8.578	-10.736	-13.149
1521	15.20	-15.322	-16.760	-17.165	-16.544	-15.216	-13.675	-12.399	-11.666	-11.466	-11.539
1531	15.30	-11.546	-11.242	-10.611	-9.877	-9.369	-9.325	-9.706	-10.132	-9.978	-8.605
1541	15.40	-5.643	-1.190	4.151	9.434	13.679	16.195	16.805	15.871	14.109	12.295
1551	15.50	10.951	10.181	9.685	8.963	7.592	5.473	2.916	0.560	-0.864	-0.803
1561	15.60	0.905	3.967	7.718	11.315	13.969	15.126	14.573	12.447	9.176	5.372
1571	15.70	1.700	-1.265	-3.174	-4.009	-4.103	-4.071	-4.616	-6.278	-9.200	-13.003
1581	15.80	-16.848	-19.678	-20.567	-19.047	-15.285	-10.049	-4.418	0.494	3.950	5.724
1591	15.90	6.088	5.613	4.910	4.400	4.214	4.213	4.118	3.648	2.635	1.073
1601	16.00	-0.878	-2.913	-4.608	-5.456	-4.944	-2.675	1.473	7.207	13.768	20.019
1611	16.10	24.685	26.682	25.427	21.021	14.236	6.290	-1.680	-7.966	-12.513	-14.987
1621	16.20	-15.501	-15.101	-13.833	-12.354	-11.023	-10.083	-9.697	-9.946	-10.708	-12.046
1631	16.30	-13.401	-14.346	-14.450	-13.612	-11.189	-8.020	-4.354	-0.694	2.570	5.287
1641	16.40	7.575	9.740	12.130	14.970	18.248	21.681	24.789	27.027	27.944	27.315
1651	16.50	25.207	21.970	18.150	14.361	11.138	8.805	7.397	6.653	6.081	5.097
1661	16.60	3.201	0.136	-4.010	-8.801	-13.566	-17.581	-20.285	-21.442	-21.202	-20.031
1671	16.70	-18.548	-17.322	-16.701	-16.732	-17.191	-17.694	-17.863	-17.334	-16.012	-13.852
1681	16.80	-10.909	-7.268	-3.021	1.715	6.758	11.840	16.606	20.658	23.612	25.161
1691	16.90	25.104	23.369	20.007	15.207	9.318	2.860	-3.482	-8.930	-12.744	-14.392
1701	17.00	-13.705	-10.967	-6.886	-2.444	1.330	3.607	3.939	2.348	-0.720	-4.528
1711	17.10	-8.239	-11.091	-12.539	-12.332	-10.526	-7.447	-3.621	0.326	3.776	6.229
1721	17.20	7.385	7.208	5.921	3.966	1.907	0.311	-0.378	0.054	1.536	3.712
1731	17.30	6.013	7.789	8.470	7.718	5.534	2.260	-1.505	-5.075	-7.867	-9.546
1741	17.40	-10.079	-9.681	-8.680	-7.362	-5.867	-4.176	-2.183	0.182	2.869	5.581
1751	17.50	8.026	9.840	10.805	10.897	10.269	9.157	7.771	6.210	4.453	2.426
1761	17.60	0.104	-2.139	-4.792	-6.683	-7.635	-7.347	-5.928	-2.945	0.169	3.169
1771	17.70	7.881	10.542	12.064	12.306	11.310	9.248	6.351	2.841	-1.108	-5.361
1781	17.80	-9.779	-14.141	-18.099	-21.183	-22.889	-22.819	-20.836	-17.148	-12.294	-7.011
1791	17.90	-2.020	2.169	5.373	7.717	9.501	11.007	12.369	13.414	13.937	13.636
1801	18.00	12.367	10.204	7.621	4.394	1.478	-1.081	-3.164	-4.735	-5.782	-6.276
1811	18.10	-6.189	-5.540	-4.445	-3.116	-1.806	-0.720	0.054	0.559	0.895	1.108
1821	18.20	1.090	0.567	-0.807	-3.273	-6.794	-10.957	-15.020	-18.087	-19.362	-18.367
1831	18.30	-15.072	-9.866	-3.424	3.483	10.156	16.073	20.911	24.525	26.918	28.207
1841	18.40	28.609	28.396	27.836	27.105	26.212	24.986	23.133	20.373	16.594	11.946
1851	18.50	6.867	1.859	-2.501	-5.948	-8.521	-10.552	-12.515	-14.826	-17.675	-20.967
1861	18.60	-24.380	-27.505	-30.008	-31.726	-32.686	-33.031	-32.912	-32.400	-31.454	-29.947
1871	18.70	-27.753	-24.702	-20.819	-16.114	-10.662	-4.570	2.016	8.872	15.671	21.985
1881	18.80	27.340	31.308	33.620	34.240	33.368	31.378	28.700	25.693	22.570	19.390
1891	18.90	16.116	12.722	9.277	5.985	3.145	1.055	-0.106	-0.377	-0.043	0.407
1901	19.00	0.398	-0.590	-2.880	-6.515	-11.227	-16.484	-21.592	-25.814	-28.511	-29.249
1911	19.10	-27.874	-24.531	-19.629	-13.753	-7.556	-1.636	3.553	7.744	10.836	12.848
1921	19.20	13.842	13.878	13.011	11.327	9.001	6.334	3.737	1.650	0.619	0.168
1931	19.30	0.733	1.683	2.443	2.483	1.494	-0.494	-3.117	-5.791	-7.902	-8.997
1941	19.40	-8.917	-7.820	-6.112	-4.298	-2.833	-2.014	-1.927	-2.467	-3.393	-4.387
1951	19.50	-5.107	-5.219	-4.634	-2.552	0.480	4.513	9.170	13.886	18.009	20.956
1961	19.60	22.352	22.174	20.886	18.396	15.852	13.461	11.370	9.452	7.410	4.955
1971	19.70	1.976	-1.372	-4.701	-7.537	-9.521	-10.572	-10.939	-11.111	-11.611	-12.763
1981	19.80	-14.523	-16.447	-17.832	-17.955	-16.343	-12.959	-8.224	-2.899	2.164	6.268
1991	19.90	9.053	10.538	11.035	10.981	10.762	10.596	10.504	10.371	10.031	9.350

Table 7—27—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	8.266	6.784	4.941	2.784	0.369	-2.217	-4.821	-7.221	-9.163	-10.419
2011	20.10	-10.874	-10.565	-9.684	-8.520	-7.365	-6.432	-5.808	-5.463	-5.307	-5.253
2021	20.20	-5.265	-5.360	-5.574	-5.901	-6.261	-6.495	-6.403	-5.812	-4.635	-2.897
2031	20.30	-0.731	1.660	4.046	6.205	7.948	9.129	9.668	9.581	9.008	8.218
2041	20.40	7.569	7.409	7.957	9.187	10.787	12.211	12.820	12.072	9.689	5.735
2051	20.50	0.589	-5.175	-10.962	-16.180	-20.498	-23.624	-25.347	-25.482	-23.878	-20.488
2061	20.60	-15.452	-9.162	-2.234	4.585	10.579	15.212	18.229	19.665	19.777	18.933
2071	20.70	17.499	15.763	13.910	12.029	10.138	8.218	6.239	4.186	2.082	-0.001
2081	20.80	-1.943	-3.611	-4.901	-5.784	-6.316	-6.607	-6.754	-6.781	-6.609	-6.097
2091	20.90	-5.140	-3.774	-2.228	-0.889	-0.166	-0.323	-1.354	-2.966	-4.697	-6.119
2101	21.00	-7.032	-7.543	-8.002	-8.797	-10.117	-11.800	-13.335	-14.037	-13.314	-10.917
2111	21.10	-7.055	-2.337	2.428	6.487	9.348	10.872	11.229	10.791	9.994	9.243
2121	21.20	8.861	9.057	9.912	11.336	13.063	14.667	15.655	15.654	14.460	12.212
2131	21.30	9.304	6.267	3.476	1.186	-0.708	-2.492	-4.470	-6.788	-9.334	-11.773
2141	21.40	-13.689	-14.766	-14.920	-14.320	-13.296	-12.189	-11.210	-10.370	-9.509	-8.387
2151	21.50	-6.796	-4.637	-1.946	1.128	4.361	7.192	10.247	12.357	13.590	13.791
2161	21.60	12.922	11.087	8.514	5.503	2.368	-0.613	-3.204	-5.188	-6.335	-6.412
2171	21.70	-5.235	-2.759	0.837	5.121	9.474	13.231	15.858	17.078	16.908	15.580
2181	21.80	13.403	10.614	7.314	3.489	-0.882	-5.703	-10.688	-15.381	-19.262	-21.900
2191	21.90	-23.081	-22.859	-21.527	-19.512	-17.253	-15.092	-13.219	-11.660	-10.303	-8.947
2201	22.00	-7.354	-5.317	-2.727	0.376	3.782	7.146	10.076	12.257	13.566	14.123
2211	22.10	14.251	14.358	14.267	15.586	16.641	17.534	17.775	16.949	14.858	11.576
2221	22.20	7.417	2.844	-1.656	-5.663	-8.875	-11.126	-12.544	-12.666	-12.126	-11.049
2231	22.30	-9.733	-8.518	-7.702	-7.462	-7.805	-8.555	-9.404	-9.992	-10.018	-9.332
2241	22.40	-7.977	-6.180	-4.284	-2.644	-1.513	-0.961	-0.837	-0.807	-0.445	0.636
2251	22.50	2.662	5.616	9.230	13.050	16.554	19.284	20.936	21.409	20.767	19.178
2261	22.60	16.864	13.947	10.657	7.152	3.653	0.427	-2.240	-4.122	-5.119	-5.306
2271	22.70	-4.930	-4.342	-3.895	-3.863	-4.265	-5.052	-5.952	-6.657	-6.901	-6.543
2281	22.80	-5.608	-4.278	-2.839	-1.615	-0.882	-0.813	-1.445	-2.684	-4.328	-6.117
2291	22.90	-7.771	-9.032	-9.688	-9.591	-8.676	-6.974	-4.626	-1.871	0.977	3.591
2301	23.00	5.704	7.176	8.031	8.445	8.683	9.010	9.595	10.461	11.478	12.414
2311	23.10	13.015	13.087	12.553	11.477	10.042	8.514	7.178	6.279	5.958	6.204
2321	23.20	6.821	7.443	7.603	6.844	4.862	1.618	-2.611	-7.290	-11.767	-15.460
2331	23.30	-18.022	-19.415	-19.864	-19.722	-19.297	-18.718	-17.912	-16.682	-14.859	-12.446
2341	23.40	-9.685	-7.012	-4.911	-3.730	-3.541	-4.095	-4.905	-5.411	-5.178	-4.943
2351	23.50	-2.164	0.037	2.018	3.292	3.575	2.870	1.454	-0.206	-1.594	-2.289
2361	23.60	-2.069	-0.964	0.786	2.826	4.804	6.488	7.809	8.842	9.711	10.476
2371	23.70	11.042	11.141	10.402	8.490	5.258	0.865	-4.210	-9.258	-13.517	-16.370
2381	23.80	-17.513	-17.024	-15.324	-13.041	-10.822	-9.156	-8.250	-8.001	-8.053	-7.926
2391	23.90	-7.170	-5.494	-2.848	0.580	4.421	8.237	11.634	14.342	16.252	17.398
2401	24.00	17.912	17.964	17.725	17.342	16.936	16.599	16.377	16.250	16.115	15.784
2411	24.10	15.029	13.639	11.495	8.614	5.147	1.334	-2.572	-6.373	-9.944	-13.218
2421	24.20	-16.130	-18.574	-20.396	-21.443	-21.639	-21.051	-19.902	-18.503	-17.135	-15.917
2431	24.30	-14.739	-13.286	-11.161	-8.058	-3.917	1.021	6.265	11.227	15.407	18.531
2441	24.40	20.594	21.785	22.348	22.441	22.051	21.099	19.092	16.149	12.215	7.536
2451	24.50	2.514	-2.407	-6.870	-10.682	-13.819	-16.358	-18.377	-19.863	-20.681	-20.619
2461	24.60	-19.476	-17.174	-13.826	-9.738	-5.342	-1.075	2.728	5.907	8.470	10.532
2471	24.70	12.223	13.610	14.674	15.340	15.546	15.307	14.739	14.030	13.356	12.805
2481	24.80	12.324	11.735	10.804	9.339	7.283	4.739	1.950	-0.780	-3.175	-5.054
2491	24.90	-6.358	-7.138	-7.518	-7.658	-7.725	-7.879	-8.252	-8.928	-9.910	-11.102

Table 7—27—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	-12.322	-13.343	-13.967	-14.091	-13.746	-13.075	-12.275	-11.502	-10.812	-10.136
2511	25.10	-9.330	-8.241	-6.789	-4.998	-2.979	-0.874	1.207	3.220	5.181	7.110
2521	25.20	8.985	10.711	12.134	13.095	13.488	13.303	12.621	11.583	10.338	9.015
2531	25.30	7.710	6.507	5.491	4.743	4.297	4.100	3.973	3.660	2.807	1.276
2541	25.40	-0.946	-3.605	-6.248	-8.354	-9.496	-9.482	-8.418	-6.661	-4.704	-3.024
2551	25.50	-1.947	-1.593	-1.874	-2.556	-3.340	-3.934	-4.106	-3.705	-2.684	-1.106
2561	25.60	0.866	2.980	4.947	6.503	7.464	7.775	7.509	6.798	5.839	4.766
2571	25.70	3.666	2.577	1.529	0.580	-0.178	-0.642	-0.758	-0.566	-0.217	0.068
2581	25.80	0.081	-0.278	-0.934	-1.636	-2.026	-1.760	-0.628	1.361	3.974	6.820
2591	25.90	9.470	11.573	12.935	13.533	13.463	12.850	11.764	10.171	7.951	4.954
2601	26.00	1.100	-3.545	-8.724	-14.004	-18.856	-22.756	-25.309	-26.325	-25.859	-24.178
2611	26.10	-21.683	-18.801	-15.871	-13.075	-10.417	-7.770	-4.960	-1.886	1.394	4.632
2621	26.20	7.625	9.338	10.040	9.445	7.770	5.499	3.253	1.599	0.876	1.093
2631	26.30	1.947	2.940	3.577	3.539	2.793	1.581	0.313	-0.584	-0.818	-0.295
2641	26.40	0.894	2.552	4.478	6.529	8.623	10.699	12.645	14.265	15.288	15.443
2651	26.50	14.343	12.563	9.668	6.175	2.674	-1.060	-4.166	-6.638	-8.524	-9.902
2661	26.60	-10.961	-11.831	-12.730	-13.713	-14.728	-15.585	-15.992	-15.631	-14.279	-11.908
2671	26.70	-8.738	-5.199	-1.816	0.954	2.866	3.949	4.467	4.785	5.211	5.868
2681	26.80	6.667	7.371	7.721	7.572	6.955	6.062	5.153	4.433	3.967	3.648
2691	26.90	3.255	2.535	1.310	-0.466	-2.686	-5.122	-7.471	-9.422	-10.704	-11.140
2701	27.00	-10.682	-9.430	-7.622	-5.580	-3.625	-1.974	-0.665	0.451	1.644	3.182
2711	27.10	5.190	7.563	9.968	11.949	13.089	13.165	12.242	10.647	8.854	7.318
2721	27.20	6.327	5.930	5.959	6.127	6.152	5.861	5.224	4.340	3.363	2.433
2731	27.30	1.616	0.893	0.175	-0.655	-1.695	-2.997	-4.540	-6.244	-7.981	-9.612
2741	27.40	-11.014	-12.116	-12.887	-13.342	-13.502	-13.371	-12.917	-12.084	-10.827	-9.161
2751	27.50	-7.182	-5.017	-3.027	-1.239	0.223	1.409	2.472	3.601	4.933	6.499
2761	27.60	8.207	9.886	11.537	12.503	13.283	13.779	13.915	13.815	13.376	12.689
2771	27.70	11.057	9.068	6.632	3.974	1.371	-0.927	-2.774	-4.150	-5.156	-5.854
2781	27.80	-6.390	-6.753	-6.876	-6.662	-6.050	-5.076	-3.888	-2.721	-1.836	-1.431
2791	27.90	-1.598	-2.281	-3.303	-4.417	-5.377	-6.001	-6.204	-6.001	-5.480	-4.757
2801	28.00	-3.926	-3.035	-2.083	-1.043	0.099	1.302	2.463	3.422	4.010	4.106
2811	28.10	3.693	2.878	1.875	0.943	0.304	0.065	0.176	0.442	0.591	0.370
2821	28.20	-0.360	-1.564	-3.038	-4.463	-5.504	-5.907	-5.567	-4.535	-2.987	-1.155
2831	28.30	0.762	2.527	4.082	5.317	6.149	6.495	6.289	5.529	4.312	2.846
2841	28.40	1.430	0.386	-0.021	0.351	1.482	3.203	5.236	7.264	8.988	10.181
2851	28.50	10.718	10.589	9.898	8.836	7.638	6.515	5.579	4.791	3.962	2.805
2861	28.60	1.056	-1.403	-4.450	-7.721	-10.702	-12.895	-13.990	-13.974	-13.124	-11.895
2871	28.70	-10.741	-9.946	-9.552	-9.385	-9.186	-8.750	-8.036	-7.170	-6.371	-5.826
2881	28.80	-5.599	-5.588	-5.600	-5.623	-4.921	-4.064	-2.895	-1.666	0.221	2.210
2891	28.90	4.545	7.188	9.969	12.599	14.756	16.195	16.843	16.818	16.351	15.666
2901	29.00	14.866	13.886	12.550	10.691	8.285	5.514	2.737	0.365	-1.299	-2.177
2911	29.10	-2.441	-2.437	-2.544	-3.032	-3.988	-5.320	-6.837	-8.340	-9.696	-10.851
2921	29.20	-11.798	-12.536	-13.035	-13.250	-13.148	-12.742	-12.096	-11.297	-10.410	-9.442
2931	29.30	-8.366	-7.054	-5.538	-3.848	-2.114	-0.491	0.902	2.041	3.005	3.926
2941	29.40	4.910	5.967	6.987	7.780	8.154	8.003	7.368	6.323	5.116	3.886
2951	29.50	2.720	1.628	0.590	-0.383	-1.219	-1.795	-1.993	-1.768	-1.191	-0.440
2961	29.60	0.259	0.714	0.831	0.634	0.232	-0.246	-0.707	-1.119	-1.487	-1.808
2971	29.70	-2.026	-2.024	-1.656	-0.810	0.530	2.264	4.191	6.074	7.705	8.952
2981	29.80	9.776	10.196	10.250	9.961	9.336	8.382	7.138	5.694	4.181	2.738
2991	29.90	1.464	0.387	-0.532	-1.370	-2.189	-2.987	-3.688	-4.158	-4.258	-3.903

Table 7—27—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.109	-1.996	-0.761	0.383	1.263	1.790	1.966	1.859	1.559	1.134
3011	30.10	0.609	-0.020	-0.756	-1.552	-2.293	-2.800	-2.880	-2.399	-1.950	0.117
3021	30.20	1.713	3.091	3.939	4.069	3.456	2.210	0.512	-1.478	-3.674	-6.067
3031	30.30	-8.673	-11.457	-14.272	-16.855	-18.884	-20.066	-20.235	-19.390	-17.677	-15.314
3041	30.40	-12.500	-9.356	-5.925	-2.216	1.724	5.764	9.690	13.265	16.308	18.748
3051	30.50	20.632	22.066	23.130	23.807	23.961	23.392	21.925	19.509	16.269	12.493
3061	30.60	8.555	4.817	1.547	-1.113	-3.138	-4.572	-5.499	-6.020	-6.264	-6.402
3071	30.70	-6.629	-7.128	-8.002	-9.226	-10.628	-11.935	-12.868	-13.241	-13.026	-12.360
3081	30.80	-11.475	-10.596	-9.843	-9.184	-8.455	-7.436	-5.958	-3.979	-1.621	0.856
3091	30.90	3.124	4.872	5.877	6.058	5.477	4.323	2.862	1.382	0.124	-0.763
3101	31.00	-1.258	-1.453	-1.515	-1.613	-1.840	-2.177	-2.480	-2.541	-2.166	-1.254
3111	31.10	0.152	1.873	3.649	5.217	6.391	7.088	7.330	7.203	6.812	6.250
3121	31.20	5.596	4.929	4.344	3.957	3.881	4.189	4.879	5.856	6.943	7.924
3131	31.30	8.592	8.801	8.688	7.681	6.483	5.046	3.530	2.077	0.775	-0.355
3141	31.40	-1.371	-2.383	-3.513	-4.844	-6.366	-7.961	-9.426	-10.538	-11.131	-11.167
3151	31.50	-10.751	-10.089	-9.398	-8.810	-8.308	-7.729	-6.838	-5.439	-3.685	-1.630
3161	31.60	1.299	3.401	4.831	5.409	5.177	4.365	3.308	2.333	1.672	1.416
3171	31.70	1.530	1.691	2.353	2.782	3.079	3.184	3.073	2.763	2.310	1.815
3181	31.80	1.397	1.160	1.148	1.312	1.516	1.575	1.332	0.727	-0.164	-1.137
3191	31.90	-1.935	-2.342	-2.272	-1.807	-1.173	-0.656	-0.498	-0.808	-1.526	-2.454
3201	32.00	-3.340	-3.970	-4.253	-4.245	-4.132	-4.155	-4.527	-5.361	-6.624	-8.142
3211	32.10	-9.646	-10.838	-11.471	-11.408	-10.652	-9.336	-7.667	-5.854	-4.040	-2.256
3221	32.20	-0.438	1.525	3.706	6.064	8.421	10.494	11.979	12.663	12.503	11.646
3231	32.30	10.377	9.013	7.789	6.782	5.911	4.996	3.866	2.445	0.793	-0.913
3241	32.40	-2.462	-3.693	-4.560	-5.140	-5.594	-6.094	-6.754	-7.589	-8.513	-9.373
3251	32.50	-9.995	-10.228	-9.975	-9.205	-7.957	-6.323	-4.639	-2.449	-0.481	1.383
3261	32.60	3.116	4.731	6.255	7.678	8.927	9.870	10.352	10.256	9.563	8.379
3271	32.70	6.914	5.427	4.150	3.229	2.705	2.544	2.675	3.037	3.588	4.291
3281	32.80	5.079	5.836	6.412	6.665	6.524	6.019	5.282	4.484	3.761	3.144
3291	32.90	2.546	1.808	0.787	-0.551	-2.082	-3.544	-4.628	-5.086	-4.831	-3.968
3301	33.00	-2.751	-1.494	-0.451	0.264	0.699	1.025	1.456	2.152	3.153	4.353
3311	33.10	5.527	6.390	6.680	6.230	5.021	3.192	1.015	-1.169	-3.035	-4.344
3321	33.20	-5.005	-5.073	-4.722	-4.171	-3.615	-3.167	-2.846	-2.595	-2.339	-2.029
3331	33.30	-1.680	-1.369	-1.209	-1.305	-1.714	-2.422	-3.342	-4.334	-5.240	-5.913
3341	33.40	-6.252	-6.222	-5.856	-5.245	-4.505	-3.737	-2.969	-2.238	-1.604	-0.393
3351	33.50	0.841	2.246	3.657	4.828	5.517	5.576	5.017	4.026	2.900	1.944
3361	33.60	1.364	1.195	1.302	1.450	1.410	1.059	0.421	-0.352	-1.057	-1.533
3371	33.70	-1.733	-1.731	-1.680	-1.737	-1.986	-2.405	-2.883	-3.273	-3.461	-3.409
3381	33.80	-3.167	-2.832	-2.500	-2.213	-1.947	-1.624	-1.164	-0.527	0.255	1.085
3391	33.90	1.837	2.411	2.772	2.964	3.098	3.302	3.680	4.268	5.031	5.873
3401	34.00	6.671	7.304	7.675	7.717	7.391	6.684	5.613	4.232	2.636	0.951
3411	34.10	-0.693	-2.198	-3.525	-4.710	-5.829	-6.960	-8.120	-9.238	-10.157	-10.689
3421	34.20	-10.684	-10.098	-9.018	-7.637	-6.190	-4.874	-3.794	-2.947	-2.261	-1.655
3431	34.30	-1.084	-0.570	-0.169	0.065	0.130	0.090	0.057	0.141	0.407	0.850
3441	34.40	1.406	1.994	2.555	3.071	3.557	4.019	4.415	4.647	4.578	4.093
3451	34.50	3.182	2.871	0.421	-0.932	-1.955	-2.514	-2.605	-2.345	-1.915	-1.488
3461	34.60	-1.167	-0.956	-0.769	-0.466	0.090	0.994	2.281	3.821	5.525	7.170
3471	34.70	8.538	9.438	9.747	9.437	8.581	7.332	5.880	4.403	3.024	1.797
3481	34.80	0.722	-0.229	-1.070	-1.788	-2.343	-2.700	-2.853	-2.850	-2.779	-2.738
3491	34.90	-2.785	-2.904	-2.998	-2.915	-2.510	-1.710	-0.560	0.770	2.015	2.889

Table 7—27—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.165	2.740	1.667	0.143	-1.549	-3.109	-4.300	-4.991	-5.181	-4.969
3511	35.10	-4.512	-3.963	-3.424	-2.929	-2.445	-1.911	-1.273	-0.523	0.285	1.048
3521	35.20	1.634	1.928	1.860	1.427	0.692	-0.231	-1.205	-2.091	-2.779	-3.197
3531	35.30	-3.314	-3.274	-2.734	-2.152	-1.474	-0.775	-0.109	0.489	1.009	1.461
3541	35.40	1.859	2.206	2.487	2.657	2.666	2.377	1.786	0.854	-0.372	-1.771
3551	35.50	-3.156	-4.313	-5.068	-5.241	-4.882	-4.091	-3.085	-2.130	-1.460	-1.215
3561	35.60	-1.388	-1.829	-2.283	-2.469	-2.165	-1.282	0.102	1.758	3.374	4.641
3571	35.70	5.348	5.463	5.039	4.376	3.731	3.330	3.275	3.521	3.915	4.262
3581	35.80	4.412	4.321	4.053	3.745	3.524	3.444	3.448	3.382	3.067	2.373
3591	35.90	1.291	-0.060	-1.464	-2.686	-3.548	-3.981	-4.026	-3.801	-3.442	-3.060
3601	36.00	-2.722	-2.464	-2.315	-2.310	-2.481	-2.827	-3.285	-3.719	-3.954	-3.836
3611	36.10	-3.310	-2.459	-1.502	-0.720	-0.361	-0.535	-1.171	-2.033	-2.807	-3.209
3621	36.20	-3.085	-2.448	-1.459	-0.350	0.858	1.428	1.920	2.172	2.252	2.215
3631	36.30	2.086	1.864	1.549	1.161	0.747	0.366	0.062	-0.149	-0.290	-0.405
3641	36.40	-0.539	-0.720	-0.954	-1.223	-1.497	-1.729	-1.858	-1.796	-1.446	-0.725
3651	36.50	0.398	1.858	3.487	5.044	6.284	7.040	7.285	7.144	6.834	6.569
3661	36.60	6.464	6.481	6.450	6.153	5.434	4.281	2.840	1.353	0.054	-0.929
3671	36.70	-1.620	-2.153	-2.679	-3.256	-3.792	-4.059	-3.788	-2.787	-1.043	1.247
3681	36.80	3.733	6.013	7.756	8.773	9.041	8.657	7.786	6.599	5.251	3.881
3691	36.90	2.608	1.528	0.687	0.052	-0.495	-1.127	-2.008	-3.219	-4.710	-6.305
3701	37.00	-7.762	-8.862	-9.493	-9.681	-9.562	-9.315	-9.081	-8.915	-8.790	-8.640
3711	37.10	-8.414	-8.107	-7.752	-7.379	-6.964	-6.413	-5.584	-4.354	-2.691	-0.690
3721	37.20	1.628	3.386	4.919	5.875	6.224	6.060	5.544	4.852	4.128	3.468
3731	37.30	2.916	2.474	2.107	1.766	1.300	0.682	-0.149	-1.146	-2.158	-2.950
3741	37.40	-3.227	-3.271	-3.023	-2.606	-1.957	-1.289	-0.678	0.163	1.575	1.496
3751	37.50	0.187	-1.113	-2.248	-3.168	-3.906	-4.529	-5.091	-5.601	-6.022	-6.285
3761	37.60	-6.309	-6.017	-5.350	-4.282	-2.830	-1.170	0.868	2.782	4.499	5.862
3771	37.70	6.807	7.374	7.696	7.941	8.249	8.681	9.190	9.650	9.910	9.856
3781	37.80	9.469	8.756	7.900	7.019	6.214	5.520	4.906	4.301	3.631	2.852
3791	37.90	1.965	1.007	0.034	-0.900	-1.753	-2.498	-3.111	-3.583	-3.813	-3.821
3801	38.00	-3.559	-3.030	-2.278	-1.393	-0.492	0.289	0.826	1.020	0.812	0.190
3811	38.10	-0.807	-2.090	-3.535	-4.993	-6.316	-7.383	-8.122	-8.522	-8.625	-8.502
3821	38.20	-8.227	-7.854	-7.405	-6.885	-6.303	-5.696	-5.133	-4.696	-4.440	-4.347
3831	38.30	-4.306	-4.129	-3.599	-2.553	-0.948	1.104	3.355	5.496	7.247	8.442
3841	38.40	9.074	9.273	9.250	9.210	9.284	9.494	9.763	9.962	9.963	9.677
3851	38.50	9.074	8.167	6.988	5.572	3.941	2.124	0.166	-1.847	-3.789	-5.507
3861	38.60	-6.855	-7.715	-8.049	-7.891	-7.353	-6.592	-5.781	-5.062	-4.523	-4.182
3871	38.70	-4.000	-3.900	-3.804	-3.663	-3.466	-3.243	-3.040	-2.894	-2.813	-2.767
3881	38.80	-2.699	-2.545	-2.267	-1.864	-1.377	-0.880	-0.451	-0.145	0.022	0.088
3891	38.90	0.134	0.283	0.575	1.126	1.910	2.843	3.777	4.525	4.915	4.835
3901	39.00	4.264	3.279	2.033	0.703	-0.580	-1.667	-2.597	-3.378	-4.047	-4.606
3911	39.10	-5.015	-5.194	-5.066	-4.590	-3.792	-2.764	-1.641	-0.562	0.366	1.091
3921	39.20	1.612	1.963	2.195	2.357	2.490	2.625	2.786	2.986	3.214	3.431
3931	39.30	3.571	3.556	3.322	2.868	2.174	1.403	0.673	0.124	-0.145	-0.107
3941	39.40	0.181	0.593	0.962	1.125	0.956	0.396	-0.538	-1.759	-3.136	-4.508
3951	39.50	-5.738	-6.709	-7.313	-7.801	-7.476	-6.988	-6.180	-5.127	-3.930	-2.708
3961	39.60	-1.580	-0.635	0.097	0.654	1.125	1.621	2.224	2.956	3.772	4.585
3971	39.70	5.313	5.920	6.436	6.935	7.494	8.131	8.780	9.299	9.520	9.326
3981	39.80	8.698	7.737	6.620	5.530	4.584	3.783	3.029	2.180	1.126	-0.146
3991	39.90	-1.538	-2.888	-3.945	-4.636	-4.913	-4.854	-4.608	-4.332	-4.140	-4.075

Table 7—27—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.110	-4.174	-4.189	-4.101	-3.900	-3.617	-3.324	-3.110	-3.064	-3.245
4011	40.10	-3.666	-4.276	-4.963	-5.574	-5.955	-5.995	-5.657	-4.987	-4.090	-3.089
4021	40.20	-2.075	-1.077	-0.067	1.017	2.217	3.523	4.857	6.092	7.097	7.782
4031	40.30	8.128	8.192	8.077	7.892	7.714	7.572	7.451	7.319	7.149	6.939
4041	40.40	6.708	6.483	6.280	6.093	5.897	5.653	5.333	4.921	4.416	3.826
4051	40.50	3.151	2.385	1.513	0.522	-0.582	-1.775	-3.010	-4.231	-5.385	-6.426
4061	40.60	-7.316	-8.017	-8.667	-8.688	-8.590	-8.201	-7.573	-6.805	-6.024	-5.352
4071	40.70	-4.868	-4.589	-4.470	-4.429	-4.385	-4.292	-4.144	-3.969	-3.795	-3.632
4081	40.80	-3.401	-3.056	-2.507	-1.713	-0.699	0.430	1.612	2.670	3.551	4.234
4091	40.90	4.748	5.136	5.432	5.648	5.775	5.802	5.734	5.593	5.398	5.142
4101	41.00	6.778	6.224	3.404	2.297	0.980	-0.362	-1.478	-2.123	-2.150	-1.569
4111	41.10	-0.556	0.596	1.569	2.119	2.140	1.684	0.918	0.053	-0.735	-1.352
4121	41.20	-1.793	-2.124	-2.431	-2.786	-3.223	-3.737	-4.300	-4.877	-5.428	-5.917
4131	41.30	-6.301	-6.534	-6.579	-6.414	-6.052	-5.542	-4.952	-4.350	-3.777	-3.228
4141	41.40	-2.654	-1.986	-1.161	-0.159	0.985	2.184	3.319	4.275	4.972	5.377
4151	41.50	5.511	5.423	5.173	4.813	4.379	3.894	3.382	2.878	2.431	2.088
4161	41.60	1.882	1.807	1.818	1.833	1.758	1.513	1.060	0.407	-0.394	-1.268
4171	41.70	-2.136	-2.928	-3.588	-4.070	-4.327	-4.318	-4.019	-3.442	-2.648	-1.749
4181	41.80	-0.881	-0.173	0.301	0.541	0.624	0.668	0.793	1.067	1.488	1.984
4191	41.90	2.447	2.775	2.902	2.819	2.561	2.185	1.746	1.285	0.831	0.403
4201	42.00	0.028	-0.267	-0.465	-0.576	-0.640	-0.728	-0.911	-1.237	-1.705	-2.266
4211	42.10	-2.834	-3.324	-3.679	-3.887	-3.980	-4.008	-4.012	-4.002	-3.958	-3.834
4221	42.20	-3.588	-3.197	-2.658	-1.989	-1.208	-0.328	0.646	1.701	2.808	3.906
4231	42.30	4.916	5.752	6.353	6.701	6.820	6.760	6.573	6.276	5.868	5.232
4241	42.40	4.369	3.233	1.861	0.359	-1.118	-2.402	-3.357	-3.914	-4.088	-3.962
4251	42.50	-3.661	-3.312	-3.015	-2.820	-2.729	-2.712	-2.718	-2.704	-2.642	-2.522
4261	42.60	-2.348	-2.132	-1.884	-1.607	-1.296	-0.934	-0.501	0.023	0.654	1.393
4271	42.70	2.213	3.059	3.846	4.467	4.820	4.834	4.488	3.829	2.963	2.028
4281	42.80	1.163	0.468	-0.013	-0.300	-0.456	-0.559	-0.674	-0.832	-1.027	-1.227
4291	42.90	-1.387	-1.471	-1.465	-1.376	-1.258	-1.096	-1.004	-1.001	-1.102	-1.278
4301	43.00	-1.457	-1.538	-1.416	-1.027	-0.378	0.441	1.278	1.968	2.394	2.533
4311	43.10	2.462	2.325	2.263	2.343	2.520	2.647	2.535	2.035	1.109	-0.148
4321	43.20	-1.539	-2.841	-3.888	-4.618	-5.073	-5.349	-5.525	-5.606	-5.521	-5.156
4331	43.30	-4.434	-3.373	-2.121	-0.922	-0.066	0.504	0.844	0.472	-1.673	-2.649
4341	43.40	-3.328	-3.534	-3.219	-2.465	-1.449	-0.388	0.516	1.126	1.404	1.415
4351	43.50	1.305	1.262	1.458	1.994	2.875	4.001	5.203	6.296	7.120	7.603
4361	43.60	7.750	7.636	7.374	7.078	6.840	6.712	6.707	6.796	6.909	6.942
4371	43.70	6.772	6.281	5.395	4.116	2.539	0.835	-0.789	-2.147	-3.128	-3.718
4381	43.80	-3.983	-4.035	-3.971	-3.840	-3.633	-3.303	-2.805	-2.132	-1.329	-0.489
4391	43.90	0.275	0.865	1.216	1.306	1.148	0.779	0.249	-0.385	-1.060	-1.715
4401	44.00	-2.303	-2.799	-3.208	-3.553	-3.863	-4.140	-4.344	-4.398	-4.207	-3.703
4411	44.10	-2.875	-1.796	-0.602	0.541	1.489	2.161	2.553	2.730	2.784	2.802
4421	44.20	2.832	2.876	2.906	2.881	2.773	2.573	2.284	1.919	1.481	0.968
4431	44.30	0.376	-0.286	-0.982	-1.649	-2.205	-2.567	-2.678	-2.527	-2.158	-1.667
4441	44.40	-1.180	-0.821	-0.682	-0.793	-1.119	-1.566	-2.010	-2.336	-2.472	-2.404
4451	44.50	-2.182	-1.898	-1.653	-1.524	-1.561	-1.678	-1.865	-2.014	-2.047	-1.921
4461	44.60	-1.649	-1.295	-0.960	-0.755	-0.766	-1.027	-1.503	-2.096	-2.669	-3.084
4471	44.70	-3.243	-3.117	-2.751	-2.245	-1.722	-1.283	-0.985	-0.826	-0.759	-0.716
4481	44.80	-0.635	-0.479	-0.240	0.058	0.370	0.641	0.808	0.818	0.640	0.283
4491	44.90	-0.193	-0.678	-1.032	-1.124	-0.874	-0.281	0.566	1.521	2.425	3.156

Table 7—27—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	3.664	3.969	4.138	4.241	4.318	4.357	4.310	4.112	3.711	3.085
4511	45.10	2.241	1.210	0.035	-1.227	-2.501	-3.693	-4.693	-5.404	-5.769	-5.801
4521	45.20	-5.589	-5.230	-4.982	-4.810	-4.752	-4.726	-4.601	-4.262	-3.652	-2.800
4531	45.30	-1.795	-0.752	0.242	1.155	2.007	2.851	3.737	4.689	5.706	6.766
4541	45.40	7.846	8.918	9.934	10.810	11.414	11.593	11.216	10.233	8.719	6.869
4551	45.50	4.953	3.227	1.857	0.867	0.158	-0.435	-1.054	-1.754	-2.482	-3.122
4561	45.60	-3.560	-3.756	-3.770	-3.740	-3.810	-4.056	-4.443	-4.831	-5.037	-4.914
4571	45.70	-4.419	-3.632	-2.720	-1.870	-1.216	-0.794	-0.543	-0.346	-0.087	0.302
4581	45.80	0.823	1.419	2.003	2.484	2.783	2.834	2.583	1.988	1.038	-0.228
4591	45.90	-1.704	-3.221	-4.577	-5.586	-6.123	-6.163	-5.771	-5.080	-4.238	-3.371
4601	46.00	-2.551	-1.801	-1.116	-0.483	0.093	0.596	1.004	1.305	1.508	1.638
4611	46.10	1.731	1.818	1.919	2.038	2.174	2.326	2.494	2.679	2.875	3.065
4621	46.20	3.224	3.316	3.309	3.176	2.901	2.480	1.922	1.250	0.508	-0.243
4631	46.30	-0.924	-1.464	-1.817	-1.982	-2.016	-2.012	-2.071	-2.257	-2.569	-2.927
4641	46.40	-3.196	-3.232	-2.933	-2.282	-1.358	-0.313	0.677	1.465	1.970	2.209
4651	46.50	2.260	2.262	2.259	2.376	2.599	2.883	3.159	3.364	3.458	3.436
4661	46.60	3.317	3.187	2.872	2.535	2.075	1.450	0.661	-0.323	-1.359	-2.348
4671	46.70	-3.168	-3.757	-4.037	-4.170	-4.084	-4.029	-4.012	-4.021	-3.977	-3.770
4681	46.80	-3.308	-2.560	-1.580	-0.494	0.537	1.371	1.921	2.180	2.204	2.083
4691	46.90	1.905	1.722	1.538	1.321	1.023	0.610	0.084	-0.507	-1.077	-1.526
4701	47.00	-1.768	-1.762	-1.530	-1.150	-0.737	-0.407	-0.253	-0.226	-0.335	-0.478
4711	47.10	-0.576	-0.600	-0.577	-0.576	-0.668	-0.877	-1.158	-1.401	-1.479	-1.299
4721	47.20	-0.853	-0.223	0.450	1.025	1.417	1.633	1.752	1.879	2.082	2.361
4731	47.30	2.643	2.891	2.855	2.740	2.578	2.518	2.685	3.116	3.746	4.408
4741	47.40	4.909	5.091	4.892	4.557	4.097	3.790	3.628	3.583	3.857	4.419
4751	47.50	0.031	-0.329	-0.687	-0.980	-1.275	-1.575	-1.936	-2.329	-2.827	-3.396
4761	47.60	-3.994	-4.561	-5.040	-5.383	-5.563	-5.575	-5.434	-5.172	-4.831	-4.456
4771	47.70	-4.080	-3.715	-3.344	-2.926	-2.410	-1.765	-0.994	-0.150	0.683	1.411
4781	47.80	1.971	2.350	2.593	2.779	2.889	3.268	3.610	3.957	4.226	4.342
4791	47.90	4.264	3.994	3.569	3.042	2.460	1.858	1.257	0.671	0.117	-0.386
4801	48.00	-0.828	-1.215	-1.576	-1.960	-2.348	-2.803	-3.276	-3.705	-4.021	-4.169
4811	48.10	-4.140	-3.971	-3.735	-3.514	-3.364	-3.300	-3.284	-3.253	-3.135	-2.882
4821	48.20	-2.482	-1.960	-1.361	-0.737	-0.126	0.458	1.021	1.584	2.174	2.814
4831	48.30	3.513	4.262	5.034	5.778	6.429	6.913	7.157	7.104	6.719	5.989
4841	48.40	4.970	3.687	2.228	0.685	-0.837	-2.239	-3.436	-4.378	-5.056	-5.502
4851	48.50	-5.782	-5.964	-6.095	-6.180	-6.177	-6.020	-5.650	-5.047	-4.249	-3.348
4861	48.60	-2.452	-1.647	-0.961	-0.355	0.259	0.975	1.844	2.847	3.897	4.866
4871	48.70	5.634	6.130	6.351	6.384	6.218	6.008	5.745	5.403	4.923	4.250
4881	48.80	3.557	2.762	1.922	0.882	-0.270	-1.570	-2.776	-3.853	-4.769	-5.498
4891	48.90	-6.271	-6.262	-5.968	-5.399	-4.582	-3.566	-2.414	-1.197	0.008	1.120
4901	49.00	2.070	2.802	3.293	3.554	3.634	3.609	3.568	3.586	5.716	3.970
4911	49.10	4.327	4.730	5.106	5.379	5.479	5.362	5.016	4.467	3.778	3.023
4921	49.20	2.293	1.643	1.086	0.588	0.074	-0.537	-1.299	-2.212	-3.208	-4.172
4931	49.30	-4.971	-5.507	-5.741	-5.710	-5.507	-5.238	-4.981	-4.752	-4.503	-4.149
4941	49.40	-3.611	-2.868	-1.973	-1.055	-0.276	0.222	0.565	0.176	-0.235	-0.706
4951	49.50	-1.074	-1.225	-1.120	-0.800	-0.358	0.091	0.444	0.636	0.648	0.501
4961	49.60	0.252	-0.027	-0.256	-0.388	-0.316	-0.086	0.308	0.824	1.411	2.016
4971	49.70	2.598	3.120	3.547	3.830	3.919	3.771	3.379	2.795	2.128	1.511
4981	49.80	1.067	0.835	0.756	0.668	0.391	-0.217	-1.173	-2.350	-3.515	-4.416
4991	49.90	-4.884	-4.897	-4.582	-4.153	-3.805	-3.633	-3.595	-3.550	-3.348	-2.924

Table 7—27—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.351	-1.816	-1.536	-1.666	-2.211	-3.016	-3.828	-4.390	-4.539	-4.246
5011	50.10	-3.606	-2.770	-1.870	-0.974	-0.077	0.858	1.855	2.894	3.912	4.831
5021	50.20	5.598	6.200	6.456	6.988	7.192	7.227	7.036	6.589	5.911	5.096
5031	50.30	4.276	3.574	3.059	2.721	2.490	2.285	2.045	1.777	1.517	1.305
5041	50.40	1.137	0.949	0.634	0.092	-0.710	-1.711	-2.759	-3.665	-4.261	-4.462
5051	50.50	-4.285	-3.829	-3.237	-2.642	-2.137	-1.768	-1.538	-1.432	-1.423	-1.471
5061	50.60	-1.528	-1.538	-1.647	-1.228	-0.890	-0.481	-0.067	0.295	0.589	0.846
5071	50.70	1.129	1.506	2.013	2.638	3.324	3.995	4.579	5.028	5.315	5.419
5081	50.80	5.306	4.924	4.223	3.182	1.843	0.313	-1.249	-2.675	-3.840	-4.688
5091	50.90	-5.243	-5.578	-5.771	-5.870	-5.869	-5.724	-5.379	-4.800	-3.996	-3.018
5101	51.00	-1.942	-0.844	0.224	1.234	2.178	3.047	3.821	4.467	4.941	5.208
5111	51.10	5.255	5.105	4.808	4.437	4.069	3.766	3.563	3.456	3.410	3.362
5121	51.20	3.241	2.991	2.578	2.005	1.303	0.522	-0.290	-1.096	-1.874	-2.613
5131	51.30	-3.299	-3.910	-4.415	-4.787	-5.018	-5.129	-5.166	-5.185	-5.222	-5.272
5141	51.40	-5.280	-5.158	-4.822	-4.229	-3.415	-2.484	-1.593	-0.892	-0.477	-0.357
5151	51.50	-0.450	-0.659	-0.717	-0.661	-0.365	0.063	0.566	0.984	1.311	1.524
5161	51.60	1.669	1.827	2.068	2.424	2.876	3.361	3.797	4.110	4.267	4.272
5171	51.70	4.168	4.009	3.836	3.665	3.476	3.228	2.870	2.367	1.708	0.917
5181	51.80	0.045	-0.842	-1.674	-2.394	-2.969	-3.398	-3.708	-3.955	-4.201	-4.503
5191	51.90	-4.892	-5.363	-5.873	-6.352	-6.720	-6.907	-6.870	-6.596	-6.100	-5.414
5201	52.00	-4.576	-3.625	-2.601	-1.547	-0.516	0.461	1.275	1.959	2.487	2.872
5211	52.10	3.138	3.306	3.377	3.360	3.174	2.869	2.436	1.910	1.349	0.808
5221	52.20	0.335	-0.043	-0.316	-0.490	-0.561	-0.536	-0.425	-0.259	-0.086	0.026
5231	52.30	0.021	-0.127	-0.386	-0.669	-0.851	-0.804	-0.445	0.236	1.164	2.196
5241	52.40	3.152	3.859	4.192	4.095	3.590	2.771	1.782	0.790	-0.052	-0.634
5251	52.50	-0.917	-0.940	-0.811	-0.667	-0.637	-0.796	-1.140	-1.594	-2.041	-2.368
5261	52.60	-2.507	-2.459	-2.285	-2.081	-1.935	-1.896	-1.963	-2.088	-2.200	-2.222
5271	52.70	-2.096	-1.790	-1.297	-0.638	0.142	0.984	1.820	2.590	3.266	3.857
5281	52.80	4.405	4.966	5.569	6.191	6.738	7.067	7.035	6.550	5.620	4.360
5291	52.90	2.962	1.633	0.531	-0.283	-0.846	-1.260	-1.637	-2.045	-2.482	-2.885
5301	53.00	-3.162	-3.243	-3.105	-2.791	-2.386	-1.989	-1.682	-1.503	-1.465	-1.454
5311	53.10	-1.455	-1.363	-1.110	-0.662	-0.031	0.718	1.484	2.155	2.642	2.911
5321	53.20	2.994	2.974	2.945	2.967	3.031	3.062	2.948	2.595	1.980	1.176
5331	53.30	0.328	-0.397	-0.879	-1.089	-1.104	-1.060	-1.097	-1.287	-1.606	-1.942
5341	53.40	-2.143	-2.080	-1.696	-1.019	-0.165	0.801	1.714	2.527	3.217	3.782
5351	53.50	4.224	4.534	4.695	4.698	4.554	4.297	3.979	3.646	3.328	3.027
5361	53.60	2.727	2.414	2.089	1.775	1.511	1.326	1.223	1.164	1.075	0.871
5371	53.70	0.480	-0.126	-0.921	-1.825	-2.732	-3.536	-4.156	-4.562	-4.769	-4.826
5381	53.80	-4.795	-4.724	-4.631	-4.499	-4.287	-3.953	-3.476	-2.872	-2.199	-1.543
5391	53.90	-0.995	-0.628	-0.475	-0.528	-0.743	-1.058	-1.413	-1.755	-2.048	-2.264
5401	54.00	-2.384	-2.394	-2.293	-2.096	-1.861	-1.582	-1.376	-1.267	-1.275	-1.391
5411	54.10	-1.581	-1.800	-2.006	-2.171	-2.277	-2.318	-2.289	-2.181	-1.986	-1.696
5421	54.20	-1.307	-0.840	-0.321	0.209	0.699	1.099	1.364	1.465	1.397	1.187
5431	54.30	0.894	0.592	0.355	0.230	0.221	0.293	0.384	0.438	0.432	0.387
5441	54.40	0.358	0.402	0.551	0.782	1.026	1.196	1.223	1.088	0.831	0.529
5451	54.50	0.260	0.066	-0.060	-0.155	-0.258	-0.373	-0.460	-0.449	-0.287	0.029
5461	54.60	0.427	0.784	0.973	0.921	0.662	0.240	-0.141	-0.373	-0.406	-0.287
5471	54.70	-0.131	-0.072	-0.196	-0.505	-0.913	-1.285	-1.484	-1.425	-1.090	-0.525
5481	54.80	0.191	0.970	1.741	2.449	3.052	3.512	3.794	3.874	3.750	3.449
5491	54.90	3.021	2.525	2.022	1.554	1.149	0.819	0.567	0.387	0.264	0.171

Table 7—27—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OMIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.074	-0.060	-0.247	-0.485	-0.751	-1.025	-1.307	-1.636	-2.078	-2.700
5511	55.10	-3.522	-4.486	-5.451	-6.228	-6.641	-6.598	-6.130	-5.385	-4.576	-3.899
5521	55.20	-3.460	-3.241	-3.119	-2.929	-2.536	-1.889	-1.033	-0.076	0.863	1.708
5531	55.30	2.442	3.092	3.694	4.255	4.730	5.043	5.119	4.921	4.469	3.861
5541	55.40	3.138	2.448	1.825	1.280	0.797	0.357	-0.048	-0.404	-0.689	-0.888
5551	55.50	-1.001	-1.049	-1.059	-1.049	-1.022	-0.962	-0.847	-0.662	-0.408	-0.108
5561	55.60	0.201	0.476	0.685	0.809	0.849	0.822	0.764	0.723	0.747	0.872
5571	55.70	1.105	1.417	1.743	2.000	2.117	2.065	1.873	1.621	1.410	1.315
5581	55.80	1.355	1.472	1.560	1.502	1.228	0.747	0.151	-0.421	-0.831	-0.997
5591	55.90	-0.918	-0.669	-0.365	-0.109	0.040	0.092	0.103	0.149	0.288	0.536
5601	56.00	0.858	1.188	1.446	1.574	1.549	1.357	1.184	1.003	0.947	1.079
5611	56.10	1.415	1.912	2.472	2.971	3.299	3.388	3.244	2.931	2.548	2.185
5621	56.20	1.881	1.613	1.307	0.881	0.286	-0.463	-1.287	-2.073	-2.725	-3.202
5631	56.30	-3.536	-3.810	-4.124	-4.537	-5.045	-5.573	-6.002	-6.214	-6.132	-5.737
5641	56.40	-5.071	-4.211	-3.247	-2.257	-1.301	-0.420	0.363	1.060	1.620	2.126
5651	56.50	2.592	3.044	3.486	3.880	4.161	4.249	4.093	3.697	3.133	2.527
5661	56.60	2.014	1.690	1.577	1.617	1.697	1.705	1.575	1.322	1.022	0.779
5671	56.70	0.666	0.684	0.758	0.766	0.599	0.209	-0.354	-0.962	-1.461	-1.731
5681	56.80	-1.767	-1.590	-1.413	-1.379	-1.586	-2.018	-2.542	-2.955	-3.057	-2.730
5691	56.90	-1.983	-0.952	0.148	1.096	1.737	2.026	2.023	1.859	1.671	1.549
5701	57.00	1.505	1.477	1.369	1.095	0.623	-0.010	-0.709	-1.353	-1.835	-2.093
5711	57.10	-2.126	-1.985	-1.746	-1.486	-1.258	-1.073	-0.908	-0.717	-0.451	-0.075
5721	57.20	0.409	0.963	1.513	1.963	2.216	2.200	1.886	1.298	0.513	-0.360
5731	57.30	-1.202	-1.916	-2.445	-2.780	-2.951	-3.002	-2.981	-2.913	-2.803	-2.644
5741	57.40	-2.425	-2.147	-1.821	-1.467	-1.098	-0.720	-0.324	0.102	0.559	1.029
5751	57.50	1.480	1.868	2.165	2.367	2.500	2.607	2.725	2.868	3.010	3.102
5761	57.60	3.095	2.969	2.748	2.500	2.306	2.223	2.255	2.343	2.387	2.284
5771	57.70	1.973	1.458	0.803	0.103	-0.561	-1.154	-1.690	-2.216	-2.773	-3.386
5781	57.80	-3.953	-4.461	-4.825	-5.021	-5.080	-5.081	-5.104	-5.191	-5.316	-5.385
5791	57.90	-5.274	-4.877	-4.154	-3.157	-2.014	-0.894	0.049	0.714	1.075	1.170
5801	58.00	1.074	0.865	0.595	0.285	-0.072	-0.485	-0.950	-1.431	-1.857	-2.143
5811	58.10	-2.205	-1.993	-1.506	-0.806	-0.002	0.778	1.424	1.877	2.142	2.287
5821	58.20	2.408	2.590	2.870	3.226	3.589	3.876	4.033	4.056	3.996	3.929
5831	58.30	3.917	3.967	4.020	3.965	3.681	3.081	2.150	0.954	-0.379	-1.701
5841	58.40	-2.882	-3.844	-4.571	-5.098	-5.384	-5.785	-6.035	-6.232	-6.353	-6.321
5851	58.50	-6.119	-5.712	-5.111	-4.364	-3.552	-2.766	-2.084	-1.542	-1.127	-0.776
5861	58.60	-0.403	0.074	0.702	1.477	2.350	3.246	4.090	4.835	5.464	5.985
5871	58.70	6.481	6.743	6.959	7.016	6.873	6.504	5.917	5.153	4.276	3.357
5881	58.80	2.450	1.590	0.783	0.020	-0.710	-1.408	-2.055	-2.615	-3.044	-3.303
5891	58.90	-3.383	-3.310	-3.148	-2.988	-2.916	-2.988	-3.203	-3.494	-3.747	-3.834
5901	59.00	-3.655	-3.175	-2.435	-1.560	-0.620	0.213	0.899	1.445	1.912	2.386
5911	59.10	2.937	3.593	4.334	5.093	5.781	6.308	6.603	6.621	6.350	5.807
5921	59.20	5.033	4.088	3.038	1.949	0.872	-0.161	-1.136	-2.052	-2.905	-3.681
5931	59.30	-4.348	-4.865	-5.197	-5.326	-5.262	-5.044	-4.727	-4.369	-4.013	-3.678
5941	59.40	-3.365	-3.057	-2.734	-2.375	-1.972	-1.529	-1.064	-0.605	-0.191	0.145
5951	59.50	0.385	0.536	0.637	0.749	0.942	1.266	1.727	2.297	2.904	3.465
5961	59.60	3.916	4.226	4.405	4.489	4.519	4.520	4.494	4.426	4.303	4.125
5971	59.70	3.910	3.685	3.468	3.243	2.980	2.628	2.152	1.554	0.884	0.230
5981	59.80	-0.314	-0.679	-0.851	-0.872	-0.825	-0.801	-0.887	-1.049	-1.323	-1.635
5991	59.90	-1.920	-2.119	-2.189	-2.102	-1.844	-1.409	-0.808	-0.076	0.724	1.504

Table 7—27—13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1174 206-GR-1-47 HA. (HA.) OHIGAWA BRIDGE MAX. ACC. = -35.342 (GAL) T= 14.82 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	2.164	2.619	2.825	2.791	2.586	2.300	2.039	1.865	1.787	1.758
6011	60.10	1.692	1.505	1.148	0.629	0.017	-0.586	-1.067	-1.359	-1.446	-1.369
6021	60.20	-1.206	-1.037	-0.917	-0.858	-0.863	-0.861	-0.840	-0.853	-0.920	-1.081
6031	60.30	-1.351	-1.696	-2.039	-2.280	-2.331	-2.150	-1.759	-1.229	-0.656	-0.126
6041	60.40	0.309	0.635	0.860	0.996	1.037	0.962	0.751	0.405	-0.042	-0.521
6051	60.50	-0.952	-1.272	-1.457	-1.525	-1.527	-1.512	-1.506	-1.499	-1.456	-1.333
6061	60.60	-1.111	-0.800	-0.437	-0.072	0.263	0.557	0.823	1.079	1.329	1.553
6071	60.70	1.710	1.759	1.674	1.464	1.168	0.839	0.530	0.271	0.071	-0.075
6081	60.80	-0.172	-0.213	-0.188	-0.091	0.059	0.208	0.278	0.189	-0.111	-0.620
6091	60.90	-1.277	-1.974	-2.593	-3.044	-3.288	-3.347	-3.285	-3.182	-3.102	-3.072
6101	61.00	-3.083	-3.107	-3.114	-3.092	-3.056	-3.032	-3.041	-3.083	-3.125	-3.115
6111	61.10	-3.003	-2.770	-2.462	-2.093	-1.818	-1.697	-1.760	-1.975	-2.256	-2.502
6121	61.20	-2.640	-2.656	-2.601	-2.565	-2.618	-2.785	-3.013	-3.197	-3.226	-3.044
6131	61.30	-2.676	-2.224	-1.819	-1.553	-1.439	-1.403	-1.332	-1.145	-0.859	-0.599
6141	61.40	-0.559	-0.902	-1.660	-2.684	-3.667	-4.240	-4.113	-3.195	-1.638	0.210

Table 7—28—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1175 206-GR-1-47 U-D (U-D) ONIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	-2.293	-3.429	-3.883	-4.034	-4.332	-5.085	-6.305	-7.713	-8.874	-9.403
11	0.10	-9.145	-8.248	-7.098	-6.167	-5.731	-5.935	-6.571	-7.275	-7.661	-7.475
21	0.20	-6.693	-5.525	-4.337	-3.522	-3.365	-3.941	-5.086	-6.432	-7.522	-7.962
31	0.30	-7.560	-6.421	-4.930	-3.633	-3.039	-3.410	-4.632	-6.231	-7.536	-7.939
41	0.40	-7.146	-5.318	-3.022	-1.023	0.012	-0.241	-1.660	-3.755	-5.888	-7.524
51	0.50	-8.406	-8.592	-8.350	-7.988	-7.710	-7.551	-7.414	-7.167	-6.729	-6.108
61	0.60	-5.377	-4.619	-3.892	-3.222	-2.532	-2.142	-1.853	-1.704	-1.605	-1.541
71	0.70	-0.655	0.606	2.556	4.213	5.589	5.907	4.866	2.625	-0.199	-2.742
81	0.80	-4.220	-4.251	-2.996	-1.073	0.731	1.807	1.968	1.479	0.872	0.649
91	0.90	1.030	1.855	2.698	3.099	2.803	1.877	0.656	-0.437	-1.093	-1.235
101	1.00	-1.009	-0.664	-0.407	-0.311	-0.322	-0.327	-0.244	-0.056	0.221	0.596
111	1.10	1.140	1.946	3.043	4.290	5.360	5.832	5.370	3.915	1.777	-0.440
121	1.20	-2.058	-2.592	-1.950	-0.457	1.306	2.746	3.583	3.776	3.625	3.488
131	1.30	3.601	3.970	4.411	4.686	4.656	4.343	3.883	3.392	2.885	2.159
141	1.40	1.105	-0.320	-1.865	-3.023	-3.209	-2.037	0.431	3.624	6.614	8.454
151	1.50	8.553	6.921	4.168	1.258	-0.877	-1.700	-1.242	-0.035	1.159	1.695
161	1.60	1.310	0.205	-1.083	-1.936	-1.935	-1.030	0.451	1.944	2.878	2.897
171	1.70	1.981	0.439	-1.216	-2.458	-2.935	-2.577	-1.604	-0.435	0.479	0.811
181	1.80	0.474	-0.362	-1.346	-2.088	-2.306	-1.931	-1.122	-0.195	0.503	0.727
191	1.90	0.417	-0.286	-1.106	-1.738	-1.954	-1.671	-0.970	-0.052	0.829	1.650
201	2.00	1.675	1.478	0.943	0.215	-0.563	-1.203	-1.699	-2.037	-2.263	-2.429
211	2.10	-2.557	-2.624	-2.579	-2.382	-2.062	-1.638	-1.296	-1.136	-1.210	-1.455
221	2.20	-1.711	-1.772	-1.683	-0.812	0.122	1.092	1.846	2.217	2.177	1.843
231	2.30	1.413	1.073	0.926	0.965	1.102	1.235	1.311	1.365	1.408	1.564
241	2.40	1.819	2.102	2.284	2.235	1.893	1.300	0.598	-0.017	-0.367	-0.356
251	2.50	-0.007	0.566	1.104	1.467	1.502	1.188	0.627	0.016	-0.413	-0.468
261	2.60	-0.065	0.736	1.744	2.697	3.343	3.530	3.251	2.662	1.929	1.347
271	2.70	1.064	1.132	1.494	2.012	2.523	2.882	2.984	2.775	2.247	1.443
281	2.80	0.457	-0.562	-1.434	-1.985	-2.095	-1.748	-1.044	-0.181	0.603	1.096
291	2.90	1.167	0.795	0.064	-0.862	-1.772	-2.446	-2.685	-2.362	-1.464	-0.134
301	3.00	1.331	2.538	3.114	2.845	1.790	0.292	-1.118	-1.921	-1.828	-0.919
311	3.10	0.366	1.391	1.592	0.729	-0.994	-2.995	-4.567	-5.080	-4.418	-2.867
321	3.20	-0.986	0.477	1.069	0.706	-0.308	-1.443	-2.193	-2.281	-1.766	-0.877
331	3.30	-0.043	0.486	0.654	0.603	0.561	0.699	1.016	1.337	1.394	0.964
341	3.40	-0.007	-1.362	-2.780	-3.893	-4.430	-4.300	-3.610	-2.601	-1.544	-0.646
351	3.50	0.001	0.409	0.637	0.733	0.701	0.515	0.162	-0.299	-0.724	-0.908
361	3.60	-0.663	0.086	1.239	2.512	3.510	3.855	3.326	1.950	0.025	-1.967
371	3.70	-3.509	-4.210	-3.942	-2.868	-1.387	0.017	0.939	1.200	0.891	0.329
381	3.80	-0.081	-0.008	0.660	1.775	2.981	3.853	4.065	3.523	2.395	1.043
391	3.90	-0.125	-0.812	-0.940	-0.657	-0.242	0.028	-0.001	-0.310	-0.754	-1.157
401	4.00	-1.421	-1.569	-1.714	-1.965	-2.338	-2.711	-2.877	-2.652	-1.991	-1.040
411	4.10	-0.091	0.545	0.686	0.371	-0.159	-0.580	-0.644	-0.302	0.283	0.826
421	4.20	1.072	0.921	0.663	-0.099	-0.581	-0.928	-1.239	-1.681	-2.352	-3.166
431	4.30	-3.859	-4.078	-3.588	-2.407	-0.843	0.624	1.557	1.767	1.398	0.849
441	4.40	0.563	0.793	1.462	2.201	2.529	2.100	0.882	-0.826	-2.530	-3.773
451	4.50	-4.334	-4.295	-3.961	-3.675	-3.634	-3.805	-3.967	-3.858	-3.321	-2.391
461	4.60	-1.261	-0.175	0.696	1.323	1.800	2.258	2.775	3.328	3.825	4.171
471	4.70	4.332	4.352	4.301	4.206	4.003	3.561	2.761	1.591	0.197	-1.163
481	4.80	-2.229	-2.867	-3.135	-3.240	-3.401	-3.696	-3.982	-3.948	-3.289	-1.871
491	4.90	0.068	2.037	3.449	3.893	3.338	2.159	0.953	0.298	0.384	1.012

Table 7—28—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1175 206-GR-1-47 U-D (U-D) ONIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	1.658	1.768	1.065	-0.276	-1.689	-2.477	-2.156	-0.713	1.367	3.295
511	5.10	4.333	4.109	2.772	0.904	-0.754	-1.625	-1.513	-0.638	0.525	1.494
521	5.20	1.986	2.002	1.752	1.497	1.394	1.437	1.496	1.436	1.212	0.904
531	5.30	0.659	0.585	0.672	0.785	0.734	0.392	-0.219	-0.928	-1.488	-1.707
541	5.40	-1.538	-1.100	-0.602	-0.228	-0.040	0.037	0.138	0.349	0.619	0.766
551	5.50	0.577	-0.047	-0.986	-1.905	-2.385	-2.120	-1.092	0.390	1.799	2.622
561	5.60	2.598	1.848	0.817	0.069	0.008	0.684	1.761	2.688	2.969	2.417
571	5.70	1.260	0.039	-0.648	-0.430	0.648	2.140	3.395	3.844	3.246	1.777
581	5.80	-0.076	-1.738	-2.797	-3.141	-2.943	-2.513	-2.108	-1.804	-1.498	-1.016
591	5.90	-0.273	0.628	1.415	1.772	1.518	0.723	-0.296	-1.112	-1.394	-1.073
601	6.00	-0.377	0.280	0.517	0.186	-0.534	-1.220	-1.415	-0.866	0.328	1.738
611	6.10	2.792	3.042	2.373	1.055	-0.383	-1.397	-1.671	-1.242	-0.444	0.282
621	6.20	0.617	0.514	0.185	-0.044	0.057	0.479	0.965	1.151	0.773	-0.164
631	6.30	-1.359	-2.339	-2.680	-2.215	-1.115	0.186	1.187	1.543	1.191	0.334
641	6.40	-0.694	-1.610	-2.302	-2.832	-3.327	-3.841	-4.272	-4.392	-3.980	-2.982
651	6.50	-1.606	-0.277	0.530	0.505	-0.335	-1.635	-2.834	-3.401	-3.045	-1.820
661	6.60	-0.081	1.676	3.007	3.646	3.551	2.841	1.717	0.395	-0.906	-1.959
671	6.70	-2.528	-2.427	-1.604	-0.223	1.341	2.611	3.196	2.982	2.208	1.382
681	6.80	1.055	1.546	2.761	4.208	5.202	5.189	4.007	1.986	-0.201	-1.832
691	6.90	-2.458	-2.077	-1.096	-0.097	0.447	0.381	-0.114	-0.671	-0.966	-0.890
701	7.00	-0.568	-0.241	-0.081	-0.078	-0.058	0.167	0.619	1.065	1.100	0.371
711	7.10	-1.176	-3.165	-4.886	-5.584	-4.811	-2.679	0.152	2.734	4.245	4.338
721	7.20	3.276	1.764	0.592	0.250	0.709	1.489	1.934	1.581	0.400	-1.193
731	7.30	-2.555	-3.135	-2.739	-1.593	-0.201	0.916	1.462	1.476	1.206	0.959
741	7.40	0.896	0.955	0.926	0.608	-0.047	-0.891	-1.656	-2.112	-2.190	-2.015
751	7.50	-1.817	-1.778	-1.917	-2.069	-1.984	-1.483	-0.583	0.488	1.394	1.850
761	7.60	1.767	1.275	0.646	0.146	-0.094	-0.104	-0.012	0.080	0.181	0.410
771	7.70	0.891	1.626	2.419	2.927	2.818	1.977	0.614	-0.766	-1.573	-1.403
781	7.80	-0.258	1.451	2.896	3.500	2.885	1.208	-0.936	-2.778	-3.702	-3.496
791	7.90	-2.409	-1.002	0.123	0.589	0.383	-0.193	-0.699	-0.791	-0.374	0.373
801	8.00	1.097	1.448	1.235	0.487	-0.571	-1.636	-2.445	-2.865	-2.918	-2.743
811	8.10	-2.529	-2.446	-2.593	-2.978	-3.514	-4.040	-4.347	-4.250	-3.537	-2.232
821	8.20	-0.423	1.627	3.556	4.979	5.600	5.297	4.171	2.533	0.832	-0.466
831	8.30	-1.004	-0.638	0.514	2.107	3.667	4.744	5.051	4.565	3.517	2.300
841	8.40	1.303	0.751	0.609	0.613	0.405	-0.284	-1.476	-2.909	-4.134	-4.715
851	8.50	-4.442	-3.646	-2.155	-1.115	-0.732	-1.079	-1.860	-2.540	-2.606	-1.818
861	8.60	-0.339	1.332	2.579	2.953	2.378	1.176	-0.088	-0.873	-0.904	-0.280
871	8.70	0.606	1.284	1.449	1.117	0.605	0.363	0.740	1.804	3.295	4.742
881	8.80	5.668	5.786	5.107	3.891	2.508	1.267	0.100	-0.438	-1.081	-1.734
891	8.90	-2.381	-2.897	-3.120	-2.972	-2.526	-1.998	-1.657	-1.693	-2.116	-2.746
901	9.00	-3.293	-3.498	-3.259	-2.684	-2.040	-1.618	-1.586	-1.901	-2.322	-2.527
911	9.10	-2.232	-1.571	-0.630	0.145	0.385	-0.059	-1.001	-1.944	-2.262	-1.449
921	9.20	0.632	3.639	6.816	9.224	10.068	8.988	6.200	2.436	-1.294	-4.043
931	9.30	-5.222	-4.765	-3.100	-0.955	0.912	1.952	1.957	1.053	-0.418	-2.068
941	9.40	-3.484	-4.484	-4.910	-4.703	-3.865	-2.476	-0.725	1.085	2.589	3.468
951	9.50	3.571	3.000	2.098	1.322	1.054	1.427	2.245	3.059	3.360	2.822
961	9.60	1.471	-0.291	-1.860	-2.585	-2.227	-0.901	0.874	2.399	3.091	2.710
971	9.70	1.450	-0.163	-1.509	-2.135	-1.936	-1.169	-0.309	0.183	0.069	-0.564
981	9.80	-1.371	-1.915	-1.884	-1.233	-0.207	0.774	1.306	1.172	0.429	-0.630
991	9.90	-1.613	-2.201	-2.261	-1.868	-1.229	-0.555	0.047	0.596	1.183	1.859

Table 7—28—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	2.561	3.004	2.967	2.339	0.862	-0.852	-2.403	-3.294	-3.249	-2.348
1011	10.10	-1.011	0.173	0.703	0.352	-0.549	-1.600	-2.180	-1.912	-0.810	0.727
1021	10.20	2.085	2.714	2.370	1.215	-0.271	-1.515	-2.108	-1.968	-1.341	-0.654
1031	10.30	-0.286	-0.388	-0.818	-1.239	-1.292	-0.785	0.218	1.434	2.503	3.159
1041	10.40	3.339	3.187	2.961	2.883	3.024	3.270	3.390	3.158	2.474	1.418
1051	10.50	0.226	-0.815	-1.488	-1.725	-1.624	-1.389	-1.229	-1.267	-1.495	-1.791
1061	10.60	-1.987	-1.948	-1.638	-1.131	-0.579	-0.151	0.038	-0.037	-0.300	-0.609
1071	10.70	-0.808	-0.778	-0.675	0.060	0.711	1.319	1.716	1.757	1.378	0.595
1081	10.80	-0.668	-1.596	-2.529	-3.028	-2.950	-2.308	-1.278	-0.154	0.754	1.233
1091	10.90	1.257	0.994	0.740	0.781	1.261	2.094	2.987	3.549	3.458	2.609
1101	11.00	1.161	-0.507	-1.954	-2.839	-3.046	-2.701	-2.088	-1.506	-1.145	-1.025
1111	11.10	-1.029	-1.603	-0.852	-0.597	-0.347	-0.226	-0.278	-0.421	-0.468	-0.212
1121	11.20	0.473	1.567	2.895	4.188	5.181	5.691	5.663	5.154	4.282	3.175
1131	11.30	1.936	0.636	-0.668	-1.917	-3.041	-3.867	-4.293	-4.993	-5.017	-4.679
1141	11.40	-3.963	-2.878	-1.488	0.062	1.552	2.726	3.565	3.371	2.808	1.895
1151	11.50	0.931	0.190	-0.178	-0.202	-0.058	0.013	-0.175	-0.661	-1.309	-1.853
1161	11.60	-2.007	-1.587	-0.506	0.707	1.972	2.783	2.862	2.172	0.951	-0.352
1171	11.70	-1.232	-1.306	-0.466	1.063	2.798	4.160	4.685	4.190	2.832	1.032
1181	11.80	-0.705	-1.983	-2.655	-2.836	-2.799	-2.805	-2.957	-3.150	-3.142	-2.701
1191	11.90	-1.757	-0.472	0.811	1.713	1.990	1.647	0.924	0.181	-0.277	-0.336
1201	12.00	-0.104	0.165	0.225	-0.026	-0.490	-0.928	-1.090	-0.862	-0.340	0.207
1211	12.10	0.659	0.194	-0.596	-1.699	-2.762	-3.440	-3.521	-2.999	-2.054	-0.964
1221	12.20	-0.001	0.657	0.956	0.958	0.773	0.530	0.329	0.234	0.273	0.444
1231	12.30	0.722	1.063	1.407	1.690	1.857	1.865	1.700	1.364	0.887	0.317
1241	12.40	-0.275	-0.808	-1.205	-1.425	-1.485	-1.467	-1.491	-1.662	-2.005	-2.432
1251	12.50	-2.752	-2.740	-2.244	-1.274	-0.026	1.169	1.974	2.183	1.810	1.083
1261	12.60	0.342	-0.115	-0.166	0.090	0.394	0.461	0.131	-0.553	-1.357	-1.974
1271	12.70	-2.158	-1.838	-1.332	-0.280	0.475	0.987	1.247	1.341	1.371	1.382
1281	12.80	1.337	1.156	0.786	0.259	-0.308	-0.770	-1.036	-1.128	-1.182	-1.376
1291	12.90	-1.817	-2.468	-3.132	-3.533	-3.443	-2.807	-1.786	-0.714	0.039	0.213
1301	13.00	-0.239	-1.139	-2.186	-2.995	-3.406	-3.349	-2.912	-2.246	-1.476	-0.651
1311	13.10	0.245	1.240	2.310	3.346	4.166	4.569	4.403	3.623	2.306	0.634
1321	13.20	-1.141	-2.742	-3.909	-4.428	-4.169	-3.118	-1.403	0.707	2.845	4.624
1331	13.30	5.741	6.063	5.454	4.718	3.651	2.650	1.879	1.395	1.111	0.921
1341	13.40	0.753	0.589	0.452	0.363	0.303	0.224	0.092	-0.062	-0.109	0.138
1351	13.50	0.861	2.020	3.488	4.564	5.486	5.589	4.465	2.538	0.313	-1.591
1361	13.60	-2.658	-2.654	-1.689	-0.156	1.431	2.626	3.182	3.093	2.536	1.761
1371	13.70	0.995	0.382	-0.015	-0.181	-0.122	0.134	0.516	0.888	1.057	0.831
1381	13.80	0.100	-1.093	-2.527	-3.858	-4.732	-4.904	-4.337	-3.204	-1.826	-0.553
1391	13.90	0.344	0.748	0.696	0.341	-0.117	-0.491	-0.640	-0.492	-0.051	0.589
1401	14.00	1.250	1.698	1.707	1.152	0.088	-1.221	-2.360	-2.903	-2.582	-1.418
1411	14.10	0.256	1.902	2.973	3.128	2.359	0.985	-0.494	-1.608	-2.105	-2.027
1421	14.20	-1.654	-1.350	-1.392	-1.862	-2.640	-3.498	-4.213	-4.666	-4.849	-4.819
1431	14.30	-4.624	-4.254	-3.661	-2.817	-1.782	-0.727	0.116	0.548	0.510	0.125
1441	14.40	-0.333	-0.554	-0.315	0.429	1.541	2.767	3.853	4.639	5.089	5.261
1451	14.50	5.260	5.071	4.745	4.230	3.522	2.686	1.855	1.177	0.753	0.587
1461	14.60	0.592	0.636	0.620	0.520	0.396	0.340	0.406	0.560	0.673	0.580
1471	14.70	0.162	-0.583	-1.509	-2.367	-2.887	-2.884	-2.526	-1.848	-0.213	0.775
1481	14.80	1.360	1.404	0.912	0.022	-1.046	-2.049	-2.786	-3.136	-3.073	-2.661
1491	14.90	-2.020	-1.300	-0.646	-0.188	-0.027	-0.235	-0.838	-1.786	-2.937	-4.048

Table 7—28—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	-4.816	-4.965	-4.342	-3.003	-1.227	0.556	1.913	2.563	2.486	1.916
1511	15.10	1.230	0.771	0.690	0.895	1.121	1.094	0.803	0.082	-0.442	-0.521
1521	15.20	0.020	1.058	2.198	2.948	2.950	2.165	0.905	-0.298	-0.939	-0.762
1531	15.30	0.132	1.356	2.435	3.031	3.086	2.806	2.517	2.471	2.712	3.077
1541	15.40	3.312	3.245	2.902	2.507	2.355	2.597	3.297	4.052	4.644	4.942
1551	15.50	3.011	1.224	-0.821	-2.665	-3.962	-4.592	-4.651	-4.367	-3.978	-3.642
1561	15.60	-3.424	-3.321	-3.318	-3.405	-3.565	-3.741	-3.820	-3.673	-3.224	-2.524
1571	15.70	-1.770	-1.246	-1.195	-1.686	-2.544	-3.387	-3.781	-3.419	-2.272	-0.612
1581	15.80	1.094	2.372	2.931	2.765	2.123	1.382	0.871	0.747	0.968	1.352
1591	15.90	1.690	1.845	1.782	1.547	1.202	0.780	0.283	-0.281	-0.847	-1.281
1601	16.00	-1.421	-1.151	-0.693	0.370	1.137	1.499	1.288	0.468	-0.462	-1.755
1611	16.10	-2.452	-2.527	-1.957	-0.905	0.359	1.561	2.505	3.093	3.316	3.213
1621	16.20	2.842	2.278	1.628	1.037	0.665	0.632	0.953	1.495	1.990	2.121
1631	16.30	1.660	0.491	-1.141	-2.860	-4.184	-4.705	-4.227	-2.834	-0.851	1.271
1641	16.40	3.102	4.353	4.927	4.891	4.409	3.655	2.766	1.828	0.905	0.067
1651	16.50	-0.606	-1.045	-1.235	-1.239	-1.188	-1.234	-1.475	-1.901	-2.389	-2.756
1661	16.60	-2.851	-2.645	-2.260	-1.935	-1.917	-2.345	-3.168	-4.150	-4.949	-5.257
1671	16.70	-4.914	-3.984	-2.816	-1.145	0.214	1.340	2.216	2.870	3.293	3.399
1681	16.80	3.055	2.160	0.745	-0.984	-2.680	-3.969	-4.597	-4.583	-3.818	-2.886
1691	16.90	-1.965	-1.201	-0.558	0.121	0.989	2.080	3.249	4.223	4.728	4.625
1701	17.00	3.991	3.092	2.264	1.764	1.662	1.824	2.007	1.987	1.674	1.143
1711	17.10	0.573	0.129	-0.134	-0.295	-0.503	-0.861	-1.332	-1.722	-1.766	-1.272
1721	17.20	-0.248	1.059	2.251	2.946	2.954	2.370	1.525	0.824	0.541	0.687
1731	17.30	1.005	1.107	0.685	-0.316	-1.634	-2.817	-3.407	-3.167	-2.194	-0.871
1741	17.40	0.301	0.937	0.927	0.463	-0.073	-0.311	-0.406	0.533	1.205	1.573
1751	17.50	1.393	0.650	-0.445	-1.569	-2.431	-2.893	-2.991	-2.877	-2.702	-2.529
1761	17.60	-2.300	-1.887	-1.188	-0.210	0.903	1.910	2.572	2.752	2.466	1.886
1771	17.70	1.267	0.863	0.849	1.275	2.075	3.091	4.114	4.924	5.324	5.174
1781	17.80	4.427	3.154	1.545	-0.128	-1.585	-2.622	-3.174	-3.320	-3.235	-3.085
1791	17.90	-2.937	-2.719	-2.255	-1.381	-0.067	1.497	2.918	3.721	3.529	2.238
1801	18.00	0.097	-2.345	-4.407	-5.510	-5.568	-4.084	-2.095	-0.007	1.611	2.405
1811	18.10	2.504	1.496	0.304	-0.963	-2.012	-2.703	-3.272	-3.466	-3.375	-2.981
1821	18.20	-2.269	-1.285	-0.155	0.929	1.766	2.232	2.536	2.226	2.154	2.225
1831	18.30	2.750	3.490	4.271	4.801	4.838	4.286	3.236	1.930	0.661	-0.342
1841	18.40	-0.995	-1.370	-1.641	-1.974	-2.440	-2.968	-3.369	-3.421	-2.980	-2.057
1851	18.50	-0.830	0.403	1.331	1.734	1.553	0.897	-0.016	-0.941	-1.695	-2.200
1861	18.60	-2.486	-2.639	-2.748	-2.854	-2.940	-2.944	-2.810	-2.520	-2.119	-1.694
1871	18.70	-1.342	-1.116	-0.997	-0.890	-0.661	-0.191	0.560	1.522	2.528	3.356
1881	18.80	3.814	3.804	3.369	2.673	1.950	1.315	1.115	1.274	1.545	1.834
1891	18.90	1.988	1.939	1.714	1.416	1.170	1.060	1.102	1.243	1.390	1.452
1901	19.00	1.575	1.144	0.787	0.340	-0.161	-0.684	-1.194	-1.662	-1.966	-2.100
1911	19.10	-2.000	-1.658	-1.112	-0.448	0.223	0.777	1.097	1.086	0.684	-0.109
1921	19.20	-1.209	-2.440	-3.543	-4.230	-4.257	-3.511	-2.055	-0.132	1.896	3.649
1931	19.30	4.836	5.314	5.101	4.329	3.176	1.808	0.351	-1.091	-2.417	-3.506
1941	19.40	-4.245	-4.557	-4.445	-4.002	-3.385	-2.660	-1.932	-1.134	-0.167	1.029
1951	19.50	2.385	3.665	4.517	4.602	3.739	2.021	-0.175	-2.294	-3.778	-4.256
1961	19.60	-3.559	-2.250	-0.619	1.276	2.668	2.979	2.853	2.299	1.596	1.005
1971	19.70	0.698	0.735	1.062	1.533	1.969	2.111	1.685	1.255	0.352	-0.571
1981	19.80	-1.211	-1.351	-0.855	0.078	1.144	1.938	2.123	1.547	0.307	-1.288
1991	19.90	-2.830	-3.943	-4.404	-4.200	-3.501	-2.592	-1.771	-1.264	-1.173	-1.459

Table 7—28—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1175 206-GR-1-67 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	-1.962	-2.455	-2.690	-2.687	-1.775	-0.628	0.739	2.028	2.948	3.301
2011	20.10	3.050	2.319	1.361	0.370	-0.407	-0.905	-1.130	-1.127	-0.916	-0.473
2021	20.20	0.246	1.248	2.440	3.619	4.518	4.898	4.646	3.823	2.662	1.380
2031	20.30	0.264	-0.607	-1.270	-1.838	-2.402	-2.961	-3.502	-3.559	-3.313	-2.669
2041	20.40	-1.783	-0.909	-0.293	-0.076	-0.236	-0.615	-0.997	-1.205	-1.167	-0.923
2051	20.50	-0.572	-0.205	0.147	0.507	0.919	1.391	1.869	2.252	2.450	2.441
2061	20.60	2.296	2.154	2.147	2.317	2.575	2.725	2.550	1.917	0.860	-0.416
2071	20.70	-1.615	-2.466	-2.839	-2.795	-2.566	-2.353	-2.398	-2.703	-3.130	-3.451
2081	20.80	-3.463	-3.093	-2.426	-1.670	-1.060	-0.753	-0.774	-1.019	-1.325	-1.567
2091	20.90	-1.629	-1.608	-1.577	-1.616	-1.742	-1.894	-1.973	-1.897	-1.655	-1.320
2101	21.00	-1.011	-0.829	-0.802	-0.851	-0.824	-0.559	0.061	0.962	2.072	3.173
2111	21.10	4.066	4.619	4.801	4.677	4.374	4.027	3.745	3.581	3.533	3.540
2121	21.20	3.508	3.316	2.854	2.053	0.924	-0.422	-1.783	-2.913	-3.598	-3.729
2131	21.30	-3.351	-2.668	-1.882	-1.292	-1.013	-1.031	-1.210	-1.361	-1.335	-1.076
2141	21.40	-0.636	-0.128	0.362	0.729	1.058	1.397	1.801	2.260	2.699	3.005
2151	21.50	3.083	2.897	2.485	1.923	1.280	0.580	-0.196	-1.074	-2.028	-2.949
2161	21.60	-3.654	-3.947	-3.707	-2.960	-1.885	-0.765	0.119	0.588	0.622	0.351
2171	21.70	-0.021	-0.311	-0.430	-0.403	-0.325	-0.300	-0.381	-0.552	-0.759	-0.952
2181	21.80	-1.125	-1.315	-1.560	-1.849	-2.092	-2.136	-1.826	-1.088	-0.009	1.259
2191	21.90	2.376	3.109	3.332	3.100	2.623	2.175	1.987	2.157	2.616	3.170
2201	22.00	3.573	3.620	3.203	2.329	1.105	-0.311	-1.743	-3.025	-4.019	-4.620
2211	22.10	-4.778	-4.505	-3.890	-3.085	-2.266	-1.581	-1.097	-0.776	-0.487	-0.055
2221	22.20	0.660	1.707	3.013	4.394	5.616	6.461	6.793	6.593	5.960	5.072
2231	22.30	4.137	3.338	2.784	2.495	2.401	2.370	2.251	1.924	1.350	0.583
2241	22.40	-0.232	-0.910	-1.283	-1.268	-0.902	-0.335	0.214	0.536	0.505	0.121
2251	22.50	-0.487	-1.113	-1.547	-1.653	-1.611	-0.925	-0.378	0.035	0.178	0.026
2261	22.60	-0.330	-0.715	-0.929	-0.827	-0.374	0.328	1.069	1.596	1.696	1.283
2271	22.70	0.432	-0.636	-1.626	-2.277	-2.455	-2.210	-1.753	-1.380	-1.351	-1.793
2281	22.80	-2.644	-3.678	-4.586	-5.086	-5.016	-4.375	-3.305	-2.030	-0.779	0.273
2291	22.90	1.023	1.437	1.523	1.317	0.876	0.282	-0.349	-0.886	-1.209	-1.257
2301	23.00	-1.047	-0.682	-0.317	-0.100	-0.124	-0.390	-0.817	-1.268	-1.611	-1.755
2311	23.10	-1.676	-1.403	-1.013	-0.587	-0.197	0.107	0.300	0.380	0.376	0.346
2321	23.20	0.372	0.546	0.939	1.569	2.391	3.287	4.101	4.680	4.915	4.770
2331	23.30	4.293	3.590	2.794	2.023	1.353	0.804	0.342	-0.097	-0.582	-1.152
2341	23.40	-1.798	-2.449	-2.988	-3.288	-3.249	-2.851	-2.167	-1.357	-0.623	-0.145
2351	23.50	-0.023	-0.244	-0.701	-1.236	-1.708	-2.041	-2.243	-2.379	-2.520	-2.698
2361	23.60	-2.878	-2.977	-2.905	-2.613	-2.124	-1.526	-0.934	-0.444	-0.096	0.128
2371	23.70	0.286	0.433	0.590	0.737	0.824	0.801	0.660	0.343	-0.071	-0.577
2381	23.80	-1.159	-1.801	-2.467	-3.085	-3.546	-3.739	-3.593	-3.128	-2.466	-1.807
2391	23.90	-1.351	-1.219	-1.390	-1.691	-1.854	-1.621	-0.850	0.421	1.966	3.454
2401	24.00	4.552	5.047	4.907	4.278	3.419	2.598	2.003	1.692	1.603	1.609
2411	24.10	1.588	1.481	1.302	1.115	0.981	0.912	0.856	0.700	0.343	-0.269
2421	24.20	-1.103	-2.033	-2.881	-3.471	-3.679	-3.467	-2.873	-1.983	-0.897	0.301
2431	24.30	1.539	2.743	3.818	4.638	5.073	5.028	4.494	3.573	2.468	1.430
2441	24.40	0.682	0.366	0.409	0.736	1.128	1.403	1.460	1.311	1.060	0.851
2451	24.50	0.805	0.975	1.337	1.811	2.294	2.700	2.967	3.062	2.966	2.670
2461	24.60	2.183	1.568	0.857	0.238	-0.174	-0.286	-0.693	0.307	0.742	1.022
2471	24.70	1.012	0.679	0.099	-0.592	-1.262	-1.845	-2.362	-2.890	-3.503	-4.201
2481	24.80	-4.886	-5.383	-5.508	-5.151	-4.328	-3.183	-1.925	-0.746	0.250	1.072
2491	24.90	1.805	2.534	3.272	3.929	4.334	4.315	3.778	2.766	1.445	0.051

Table 7—28—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1175 206-GR-1-67 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	-1.201	-2.185	-2.885	-3.362	-3.692	-3.900	-3.941	-3.715	-3.135	-2.179
2511	25.10	-0.928	0.449	1.744	2.771	3.418	3.656	3.524	3.097	2.456	1.673
2521	25.20	0.821	-0.020	-0.764	-1.333	-1.681	-1.811	-1.772	-1.634	-1.457	-1.257
2531	25.30	-1.008	-0.661	-0.186	0.391	0.982	1.458	1.695	1.624	1.258	0.688
2541	25.40	0.049	-0.531	-0.966	-1.229	-1.347	-1.370	-1.345	-1.303	-1.253	-1.187
2551	25.50	-1.087	-0.933	-0.703	-0.378	0.046	0.546	1.062	1.503	1.768	1.781
2561	25.60	1.523	1.053	0.491	-0.012	-0.328	-0.387	-0.212	0.107	0.442	0.679
2571	25.70	0.747	0.643	0.426	0.188	0.058	0.021	0.203	0.555	1.026	1.535
2581	25.80	1.993	2.325	2.479	2.433	2.185	1.748	1.158	0.376	-0.494	-1.406
2591	25.90	-2.256	-2.922	-3.295	-3.326	-3.043	-2.579	-2.107	-1.795	-1.733	-1.899
2601	26.00	-2.174	-2.395	-2.432	-2.248	-1.913	-1.565	-1.336	-1.286	-1.372	-1.478
2611	26.10	-1.470	-1.272	-0.903	-0.462	-0.080	0.145	0.193	0.116	0.001	-0.082
2621	26.20	-0.114	-0.112	-0.101	-0.063	0.076	0.423	1.061	1.989	3.102	4.213
2631	26.30	5.124	5.704	5.923	5.848	5.577	5.171	4.611	3.818	2.710	1.289
2641	26.40	-0.323	-1.891	-3.154	-3.914	-4.117	-3.958	-3.332	-2.736	-2.197	-1.739
2651	26.50	-1.324	-0.906	-0.493	-0.151	0.037	0.043	-0.068	-0.141	-0.011	0.410
2661	26.60	1.061	1.737	2.176	2.181	1.727	0.983	0.246	-0.201	-0.227	0.085
2671	26.70	0.471	0.618	0.317	-0.427	-1.395	-2.256	-2.726	-2.701	-2.306	-1.838
2681	26.80	-1.618	-1.850	-2.522	-3.422	-4.237	-4.687	-4.640	-4.144	-3.378	-2.552
2691	26.90	-1.805	-1.158	-0.532	0.179	1.028	1.962	2.831	3.446	3.658	3.428
2701	27.00	2.839	2.074	1.343	0.819	0.581	0.611	0.812	1.056	1.226	1.249
2711	27.10	1.107	0.829	0.475	0.124	-0.146	-0.262	-0.169	0.168	0.769	1.540
2721	27.20	2.470	3.435	4.318	5.006	5.415	5.509	5.308	4.882	4.330	3.747
2731	27.30	3.193	2.665	2.101	1.404	0.484	-0.694	-2.075	-3.511	-4.797	-5.725
2741	27.40	-6.152	-6.044	-5.485	-4.650	-3.741	-2.930	-2.309	-1.887	-1.607	-1.396
2751	27.50	-1.200	-1.011	-0.858	-0.785	-0.817	-0.950	-1.145	-1.353	-1.530	-1.655
2761	27.60	-1.719	-1.715	-1.618	-1.388	-0.985	-0.397	0.328	1.083	1.722	2.111
2771	27.70	2.174	1.928	1.475	0.967	0.543	0.286	0.201	0.239	0.337	0.460
2781	27.80	0.618	0.848	1.171	1.553	1.891	2.047	1.906	1.442	0.769	0.021
2791	27.90	-0.524	-0.736	-0.602	-0.263	0.039	0.068	-0.311	-1.061	-1.984	-2.802
2801	28.00	-3.259	-3.226	-2.740	-1.981	-1.190	-0.570	-0.215	-0.085	-0.046	0.065
2811	28.10	0.359	0.857	1.480	2.091	2.548	2.762	2.720	2.487	2.178	1.905
2821	28.20	1.787	1.794	1.958	2.181	2.352	2.364	2.132	1.621	0.855	-0.090
2831	28.30	-1.096	-2.022	-2.755	-3.185	-3.276	-3.060	-2.543	-1.888	-1.187	-0.544
2841	28.40	-0.025	0.343	0.573	0.701	0.760	0.761	0.691	0.518	0.222	-0.183
2851	28.50	-0.635	-1.031	-1.258	-1.243	-0.982	-0.554	-0.096	0.255	0.430	0.376
2861	28.60	0.251	0.187	0.323	0.729	1.369	2.112	2.781	3.209	3.293	3.012
2871	28.70	2.622	1.617	0.698	-0.252	-1.169	-2.000	-2.686	-3.160	-3.360	-3.246
2881	28.80	-2.815	-2.116	-1.237	-0.290	0.613	1.369	1.903	2.163	2.132	1.826
2891	28.90	1.303	0.655	-0.007	-0.577	-0.983	-1.203	-1.268	-1.238	-1.173	-1.103
2901	29.00	-1.021	-0.893	-0.689	-0.612	-0.113	0.118	0.188	0.035	-0.337	-0.858
2911	29.10	-1.410	-1.875	-2.164	-2.252	-2.168	-1.976	-1.735	-1.487	-1.233	-0.951
2921	29.20	-0.619	-0.235	0.170	0.539	0.809	0.943	0.969	0.881	0.828	0.872
2931	29.30	1.058	1.360	1.682	1.885	1.835	1.660	0.790	-0.044	-0.844	-1.612
2941	29.40	-1.626	-1.481	-1.100	-0.682	-0.426	-0.457	-0.774	-1.261	-1.737	-2.030
2951	29.50	-2.068	-1.809	-1.426	-1.055	-0.828	-0.809	-0.973	-1.227	-1.444	-1.511
2961	29.60	-1.355	-0.955	-0.344	0.408	1.207	1.967	2.530	2.890	3.011	2.935
2971	29.70	2.756	2.526	2.499	2.547	2.688	2.837	2.907	2.855	2.708	2.557
2981	29.80	2.513	2.653	2.972	3.375	3.708	3.815	3.590	3.016	2.150	1.092
2991	29.90	-0.055	-1.218	-2.354	-3.424	-4.376	-5.130	-5.596	-5.711	-5.477	-4.971

Table 7—28—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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	-4.329	-3.696	-3.172	-2.773	-2.430	-2.023	-1.439	-0.621	0.404	1.529
3011	30.10	2.607	3.488	4.061	4.272	4.124	3.668	2.986	2.180	1.362	0.633
3021	30.20	0.075	-0.274	-0.420	-0.414	-0.327	-0.229	-0.160	-0.125	-0.106	-0.078
3031	30.30	-0.032	0.027	0.082	0.133	0.208	0.365	0.669	1.159	1.813	2.541
3041	30.40	3.203	3.651	3.778	3.550	3.012	2.262	1.407	0.532	-0.319	-1.135
3051	30.50	-1.909	-2.618	-3.212	-3.632	-3.837	-3.833	-3.683	-3.487	-3.345	-3.313
3061	30.60	-3.376	-3.446	-3.401	-3.130	-2.586	-1.798	-0.886	0.004	0.734	1.226
3071	30.70	1.480	1.566	1.591	1.648	1.790	2.010	2.250	2.437	2.515	2.471
3081	30.80	2.343	2.205	2.137	2.189	2.368	2.625	2.877	3.032	3.024	2.827
3091	30.90	2.462	1.982	1.452	0.924	0.420	-0.068	-0.569	-1.116	-1.725	-2.379
3101	31.00	-3.029	-3.594	-3.979	-4.096	-3.890	-3.350	-2.522	-1.501	-0.411	0.618
3111	31.10	1.482	2.117	2.511	2.691	2.708	2.613	2.446	2.229	1.974	1.684
3121	31.20	1.365	1.022	0.653	0.249	-0.202	-0.706	-1.244	-1.765	-2.186	-2.415
3131	31.30	-2.386	-2.086	-1.575	-0.966	-0.397	0.018	0.224	0.235	0.114	-0.061
3141	31.40	-0.238	-0.614	-0.626	-0.926	-1.339	-1.843	-2.361	-2.791	-3.032	-3.025
3151	31.50	-2.760	-2.275	-1.638	-0.925	-0.209	0.440	0.956	1.276	1.359	1.202
3161	31.60	0.857	0.428	0.046	-0.178	-0.192	-0.028	0.210	0.385	0.384	0.167
3171	31.70	-0.223	-0.679	-1.073	-1.310	-1.357	-1.244	-1.042	-0.828	-0.659	-0.613
3181	31.80	-0.696	-0.953	-1.411	-2.068	-2.865	-3.676	-4.323	-4.632	-4.492	-3.912
3191	31.90	-3.029	-2.072	-1.276	-0.798	-0.657	-0.738	-0.850	-0.813	-0.540	-0.075
3201	32.00	0.430	0.784	0.843	0.572	0.057	-0.526	-0.981	-1.161	-1.015	-0.594
3211	32.10	-0.026	0.526	0.911	1.032	0.857	0.431	-0.140	-0.709	-1.124	-1.272
3221	32.20	-1.107	-0.674	-0.096	0.469	0.881	1.074	1.076	0.990	0.948	1.047
3231	32.30	1.306	1.460	2.003	2.231	2.323	2.327	2.349	2.288	2.279	2.159
3241	32.40	3.686	3.602	3.397	2.865	2.112	1.313	0.643	0.215	0.048	0.074
3251	32.50	0.190	0.306	0.388	0.462	0.586	0.812	1.152	1.565	1.973	2.294
3261	32.60	2.465	2.472	2.338	2.120	1.878	1.665	1.514	1.436	1.423	1.456
3271	32.70	1.503	1.537	1.532	1.479	1.380	1.250	1.100	0.936	0.747	0.514
3281	32.80	0.225	-0.111	-0.454	-0.748	-0.935	-0.989	-0.929	-0.817	-0.735	-0.749
3291	32.99	-0.875	-1.071	-1.255	-1.342	-1.286	-1.106	-0.879	-0.708	-0.674	-0.805
3301	33.00	-1.057	-1.344	-1.573	-1.688	-1.690	-1.634	-1.592	-1.618	-1.719	-1.845
3311	33.10	-1.913	-1.839	-1.572	-1.116	-0.525	0.113	0.698	1.145	1.395	1.420
3321	33.20	1.224	0.841	0.331	-0.222	-0.722	-1.077	-1.214	-1.102	-0.758	-0.242
3331	33.30	0.355	0.936	1.413	1.729	1.860	1.819	1.642	1.385	1.110	0.869
3341	33.40	0.697	0.602	0.567	0.561	0.552	0.532	0.520	0.556	0.682	0.913
3351	33.50	1.217	1.515	1.708	1.714	1.510	1.145	0.726	0.369	0.147	0.048
3361	33.60	-0.025	-0.216	-0.642	-1.333	-2.201	-3.061	-3.697	-3.942	-3.744	-3.178
3371	33.70	-2.412	-1.631	-0.966	-0.455	-0.047	0.346	0.788	1.276	1.739	2.067
3381	33.80	2.173	2.030	1.692	1.264	0.857	0.545	0.345	0.229	0.156	0.101
3391	33.90	0.065	0.065	0.101	0.141	0.121	-0.030	-0.345	-0.791	-1.270	-1.655
3401	34.00	-1.846	-1.818	-1.640	-1.443	-1.366	-1.486	-1.785	-2.151	-2.429	-2.486
3411	34.10	-2.258	-1.770	-1.110	-0.386	0.322	0.974	1.558	2.062	2.444	2.629
3421	34.20	2.540	2.336	1.466	0.585	-0.281	-0.982	-1.401	-1.501	-1.329	-0.983
3431	34.30	-0.572	-0.177	0.156	0.409	0.527	0.469	0.411	0.461	0.224	-0.042
3441	34.40	-0.255	-0.331	-0.215	0.102	0.587	1.179	1.810	2.419	2.960	3.395
3451	34.50	3.686	3.794	3.686	3.353	2.820	2.150	1.425	0.723	0.098	-0.431
3461	34.60	-0.877	-1.260	-1.593	-1.866	-2.056	-2.136	-2.097	-1.954	-1.738	-1.484
3471	34.70	-1.213	-0.927	-0.618	-0.287	0.063	0.321	0.481	0.466	0.257	-0.115
3481	34.80	-0.572	-1.016	-1.353	-1.527	-1.522	-1.364	-1.100	-0.786	-0.474	-0.214
3491	34.90	-0.054	-0.034	-0.179	-0.483	-0.903	-1.356	-1.745	-1.988	-2.049	-1.949

Table 7—28—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OMIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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)
3501	35.00	-1.760	-1.571	-1.450	-1.415	-1.423	-1.400	-1.276	-1.023	-0.681	-0.340
3511	35.10	-0.109	-0.064	-0.215	-0.500	-0.809	-1.030	-1.096	-1.014	-0.858	-0.734
3521	35.20	-0.732	-0.887	-1.162	-1.468	-1.701	-1.783	-1.698	-1.487	-1.229	-1.001
3531	35.30	-0.852	-0.783	-0.758	-0.733	-0.679	-0.600	-0.523	-0.487	-0.509	-0.573
3541	35.40	-0.635	-0.643	-0.566	-0.409	-0.216	-0.045	0.065	0.120	0.181	0.335
3551	35.50	0.660	1.177	1.826	2.477	2.973	3.192	3.102	2.776	2.377	2.094
3561	35.60	2.069	2.339	2.818	3.326	3.658	3.658	3.279	2.594	1.764	0.976
3571	35.70	0.370	0.052	-0.240	-0.240	-0.318	-0.466	-0.675	-0.892	-1.034	-1.046
3581	35.80	-0.922	-0.706	-0.473	-0.288	-0.178	-0.123	-0.071	0.031	0.206	0.436
3591	35.90	0.667	0.836	0.897	0.845	0.709	0.540	0.386	0.272	0.195	0.140
3601	36.00	0.090	0.045	0.020	0.035	0.100	0.206	0.325	0.426	0.497	0.551
3611	36.10	0.628	0.774	1.015	1.339	1.689	1.975	2.106	2.016	1.683	1.133
3621	36.20	0.429	-0.348	-1.118	-1.801	-2.330	-2.644	-2.697	-2.476	-2.012	-1.387
3631	36.30	-0.728	-0.176	0.150	0.197	-0.009	-0.365	-0.726	-0.951	-0.950	-0.703
3641	36.40	-0.263	0.272	0.799	1.226	1.591	1.858	2.107	2.355	2.650	2.961
3651	36.50	3.229	3.383	3.359	3.127	2.701	2.136	1.512	0.912	0.397	-0.003
3661	36.60	-0.293	-0.499	-0.654	-0.777	-0.868	-0.910	-0.880	-0.764	-0.573	-0.344
3671	36.70	-0.129	0.015	0.053	-0.025	-0.194	-0.407	-0.610	-0.760	-0.839	-0.858
3681	36.80	-0.850	-0.854	-0.899	-0.989	-1.097	-1.170	-1.148	-0.989	-0.687	-0.286
3691	36.90	0.128	0.452	0.593	0.505	0.200	-0.255	-0.761	-1.224	-1.586	-1.836
3701	37.00	-2.006	-2.145	-2.289	-2.447	-2.591	-2.675	-2.653	-2.502	-2.229	-1.861
3711	37.10	-1.431	-0.972	-0.506	-0.054	0.355	0.686	0.901	0.978	0.931	0.811
3721	37.20	0.699	0.675	0.785	1.023	1.329	1.612	1.787	1.807	1.675	1.434
3731	37.30	1.143	0.844	0.546	0.234	-0.119	-0.518	-0.938	-1.329	-1.635	-1.828
3741	37.40	-1.920	-1.958	-2.006	-2.113	-2.282	-2.473	-2.611	-2.620	-2.453	-2.110
3751	37.50	-1.632	-1.087	-0.544	-0.047	0.384	0.760	1.100	1.427	1.749	2.065
3761	37.60	2.358	2.608	2.790	2.882	2.871	2.756	2.552	2.290	2.006	1.735
3771	37.70	1.492	1.269	1.042	0.780	0.470	0.123	-0.214	-0.481	-0.619	-0.599
3781	37.80	-0.439	-0.228	0.043	0.201	0.228	0.219	-0.079	-0.298	-0.461	-0.509
3791	37.90	-0.419	-0.207	0.080	0.379	0.629	0.788	0.842	0.804	0.708	0.598
3801	38.00	0.512	0.469	0.472	0.503	0.537	0.550	0.529	0.475	0.400	0.315
3811	38.10	0.233	0.157	0.088	0.029	-0.010	-0.013	0.035	0.142	0.296	0.467
3821	38.20	0.611	0.684	0.655	0.517	0.291	0.019	-0.248	-0.464	-0.599	-0.647
3831	38.30	-0.620	-0.546	-0.459	-0.387	-0.343	-0.326	-0.318	-0.294	-0.237	-0.145
3841	38.40	-0.040	0.032	0.020	-0.121	-0.405	-0.806	-1.264	-1.698	-2.035	-2.225
3851	38.50	-2.261	-2.170	-1.996	-1.788	-1.576	-1.373	-1.177	-0.985	-0.799	-0.633
3861	38.60	-0.501	-0.408	-0.343	-0.278	-0.176	-0.002	0.262	0.611	1.018	1.445
3871	38.70	1.846	2.177	2.396	2.469	2.372	2.097	1.664	1.119	0.537	0.004
3881	38.80	-0.402	-0.633	-0.679	-0.577	-0.388	-0.184	-0.026	0.050	0.030	-0.080
3891	38.90	-0.267	-0.516	-0.811	-1.139	-1.485	-1.829	-2.152	-2.432	-2.648	-2.780
3901	39.00	-2.804	-2.696	-2.445	-2.061	-1.585	-1.093	-0.674	-0.415	-0.360	-0.493
3911	39.10	-0.736	-0.970	-1.073	-0.965	-0.635	-0.169	0.375	0.803	1.036	1.032
3921	39.20	0.818	0.674	0.106	-0.192	-0.359	-0.378	-0.274	-0.100	0.081	0.217
3931	39.30	0.280	0.267	0.205	0.133	0.085	0.079	0.100	0.112	0.068	-0.058
3941	39.40	-0.256	-0.472	-0.625	-0.636	-0.469	-0.154	0.221	0.535	0.683	0.619
3951	39.50	0.374	0.047	-0.239	-0.381	-0.340	-0.139	0.153	0.464	0.756	1.039
3961	39.60	1.352	1.728	2.156	2.559	2.813	2.786	2.397	1.658	0.685	-0.327
3971	39.70	-1.164	-1.658	-1.735	-1.437	-0.901	-0.308	0.174	0.443	0.482	0.356
3981	39.80	0.173	0.037	0.007	0.072	0.161	0.176	0.032	-0.297	-0.763	-1.256
3991	39.90	-1.639	-1.804	-1.710	-1.398	-0.971	-0.552	-0.225	-0.008	0.159	0.378

Table 7—28—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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)
4001	40.00	0.748	1.311	2.032	2.802	3.479	3.934	4.093	3.958	3.595	3.105
4011	40.10	2.589	2.124	1.750	1.479	1.302	1.202	1.162	1.162	1.182	1.200
4021	40.20	1.202	1.177	1.123	1.041	0.930	0.780	0.581	0.323	0.012	-0.326
4031	40.30	-0.649	-0.904	-1.051	-1.067	-0.957	-0.753	-0.497	-0.239	-0.032	0.079
4041	40.40	0.052	-0.140	-0.492	-0.962	-1.465	-1.890	-2.128	-2.115	-1.855	-1.426
4051	40.50	-0.956	-0.573	-0.363	-0.339	-0.406	-0.482	-0.460	-0.294	-0.009	0.314
4061	40.60	0.579	0.717	0.720	0.638	0.556	0.558	0.692	0.955	1.302	1.664
4071	40.70	1.974	2.188	2.287	2.276	2.178	2.019	1.829	1.633	1.464	1.266
4081	40.80	1.088	0.891	0.655	0.375	0.064	-0.245	-0.516	-0.723	-0.864	-0.964
4091	40.90	-1.058	-1.179	-1.334	-1.497	-1.623	-1.665	-1.595	-1.416	-1.165	-0.890
4101	41.00	-0.638	-0.440	-0.311	-0.256	-0.278	-0.379	-0.534	-0.779	-1.009	-1.182
4111	41.10	-1.243	-1.163	-0.958	-0.683	-0.414	-0.212	-0.106	-0.079	-0.094	-0.118
4121	41.20	-0.149	-0.220	-0.382	-0.670	-1.075	-1.529	-1.932	-2.186	-2.239	-2.106
4131	41.30	-1.861	-1.601	-1.402	-1.287	-1.225	-1.153	-1.016	-0.796	-0.517	-0.233
4141	41.40	0.005	0.178	0.304	0.424	0.575	0.765	0.969	1.145	1.259	1.311
4151	41.50	1.342	1.413	1.575	1.837	2.157	2.454	2.637	2.647	2.475	2.159
4161	41.60	1.764	1.369	0.943	0.545	0.129	-0.323	-0.805	-1.277	-1.682	-1.958
4171	41.70	-2.067	-2.005	-1.802	-1.509	-1.187	-0.898	-0.696	-0.623	-0.708	-0.956
4181	41.80	-1.327	-1.760	-2.152	-2.405	-2.450	-2.278	-1.955	-1.599	-1.342	-1.284
4191	41.90	-1.446	-1.767	-2.121	-2.369	-2.414	-2.236	-1.897	-1.517	-1.222	-1.094
4201	42.00	-1.148	-1.334	-1.565	-1.762	-1.876	-1.904	-1.871	-1.806	-1.718	-1.592
4211	42.10	-1.396	-1.108	-0.736	-0.320	0.080	0.406	0.632	0.768	0.852	0.925
4221	42.20	1.010	1.099	1.163	1.171	1.116	1.028	0.962	0.973	1.089	1.290
4231	42.30	1.513	1.682	1.761	1.683	1.553	1.431	1.392	1.477	1.671	1.909
4241	42.40	2.108	2.193	2.132	1.935	1.650	1.339	1.058	0.849	0.738	0.739
4251	42.50	0.857	1.086	1.402	1.762	2.106	2.357	2.511	2.528	2.450	2.333
4261	42.60	2.228	2.162	2.123	2.064	1.927	1.675	1.308	0.868	0.427	0.059
4271	42.70	-0.184	-0.288	-0.278	-0.203	-0.117	-0.068	-0.089	-0.196	-0.392	-0.665
4281	42.80	-0.987	-1.318	-1.603	-1.790	-1.861	-1.767	-1.535	-1.257	-0.975	-0.740
4291	42.90	-0.572	-0.456	-0.359	-0.244	-0.090	0.095	0.278	0.419	0.483	0.459
4301	43.00	0.357	0.206	0.036	-0.139	-0.306	-0.465	-0.623	-0.776	-0.912	-1.014
4311	43.10	-1.069	-1.070	-1.022	-0.935	-0.818	-0.681	-0.526	-0.363	-0.202	-0.066
4321	43.20	0.026	0.057	0.031	-0.033	-0.104	-0.156	-0.175	-0.182	-0.216	-0.320
4331	43.30	-0.522	-0.820	-1.174	-1.521	-1.792	-1.933	-1.919	-1.758	-1.474	-1.101
4341	43.40	-0.669	-0.206	0.260	0.698	1.076	1.364	1.562	1.691	1.792	1.931
4351	43.50	2.121	2.356	2.583	2.723	2.708	2.511	2.164	1.751	1.378	1.133
4361	43.60	1.053	1.116	1.253	1.381	1.434	1.383	1.240	1.040	0.825	0.629
4371	43.70	0.474	0.374	0.337	0.357	0.411	0.443	0.377	0.136	-0.324	-0.983
4381	43.80	-1.747	-2.465	-2.983	-3.191	-3.069	-2.688	-2.178	-1.671	-1.246	-0.909
4391	43.90	-0.608	-0.281	0.099	0.492	0.802	0.928	0.815	0.493	0.075	-0.286
4401	44.00	-0.458	-0.385	-0.103	0.281	0.644	0.895	1.011	1.027	1.001	0.978
4411	44.10	0.962	0.920	0.814	0.627	0.383	0.136	-0.066	-0.210	-0.334	-0.510
4421	44.20	-0.798	-1.207	-1.669	-2.056	-2.233	-2.119	-1.732	-1.185	-0.648	-0.272
4431	44.30	-0.131	-0.191	-0.334	-0.422	-0.363	-0.154	0.116	0.316	0.361	0.166
4441	44.40	-0.139	-0.440	-0.597	-0.534	-0.266	0.108	0.451	0.654	0.681	0.574
4451	44.50	0.430	0.365	0.368	0.680	0.607	0.661	0.579	0.355	0.035	-0.307
4461	44.60	-0.604	-0.818	-0.949	-1.014	-1.031	-0.992	-0.875	-0.652	-0.318	0.095
4471	44.70	0.521	0.880	1.110	1.191	1.151	1.051	0.960	0.923	0.969	1.010
4481	44.80	1.052	1.026	0.896	0.655	0.323	-0.057	-0.426	-0.715	-0.858	-0.805
4491	44.90	-0.548	-0.128	0.357	0.777	1.008	0.975	0.686	0.230	-0.255	-0.635

Table 7—28—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1175 206-GR-1-47 U-D (U-D) OHIGAWA BRIDGE MAX. ACC. = 10.068 (GAL) T= 9.25 (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)
4501	45.00	-0.835	-0.864	-0.806	-0.772	-0.842	-1.030	-1.275	-1.481	-1.569	-1.523
4511	45.10	-1.401	-1.307	-1.334	-1.512	-1.786	-2.038	-2.144	-2.033	-1.724	-1.315
4521	45.20	-0.934	-0.678	-0.566	-0.542	-0.508	-0.388	-0.173	0.066	0.218	0.189
4531	45.30	-0.044	-0.408	-0.759	-0.947	-0.877	-0.550	-0.059	0.452	0.852	1.072
4541	45.40	1.117	1.050	0.954	0.891	0.887	0.941	1.041	1.183	1.371	1.600
4551	45.50	1.860	2.027	2.080	1.939	1.600	1.134	0.667	0.339	0.240	0.369
4561	45.60	0.635	0.888	0.991	0.871	0.557	0.156	-0.191	-0.377	-0.373	-0.232
4571	45.70	-0.064	0.020	-0.040	-0.238	-0.502	-0.739	-0.866	-0.849	-0.701	-0.474
4581	45.80	-0.233	-0.033	0.088	0.110	0.031	-0.141	-0.383	-0.658	-0.918	-1.122
4591	45.90	-1.250	-1.321	-1.386	-1.512	-1.747	-2.088	-2.470	-2.775	-2.875	-2.677
4601	46.00	-2.162	-1.396	-0.507	0.358	1.084	1.614	1.958	2.166	2.292	2.368
4611	46.10	2.391	2.330	2.153	1.843	1.415	0.914	0.394	-0.090	-0.594	-0.790
4621	46.20	-0.966	-1.016	-0.951	-0.794	-0.582	-0.363	-0.176	-0.038	0.063	0.167
4631	46.30	0.319	0.548	0.865	1.160	1.416	1.538	1.484	1.261	0.919	0.531
4641	46.40	0.163	-0.148	-0.393	-0.584	-0.729	-0.820	-0.831	-0.735	-0.521	-0.213
4651	46.50	0.129	0.431	0.629	0.693	0.630	0.480	0.288	0.085	-0.122	-0.342
4661	46.60	-0.579	-0.815	-1.000	-1.070	-0.968	-0.678	-0.235	0.272	0.735	1.060
4671	46.70	1.198	1.157	0.996	0.793	0.516	0.508	0.474	0.500	0.568	0.672
4681	46.80	0.820	1.023	1.277	1.557	1.812	1.982	2.055	1.931	1.738	1.518
4691	46.90	1.353	1.298	1.363	1.501	1.627	1.648	1.496	1.159	0.686	0.166

Table 7—29—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	-5.823	-6.199	-9.324	-9.205	-8.163	-6.679	-5.212	-4.064	-3.338	-2.977
11	0.10	-2.856	-2.859	-2.918	-3.007	-3.103	-3.175	-3.186	-3.132	-3.068	-3.109
21	0.20	-3.380	-3.950	-4.771	-5.671	-6.404	-6.750	-6.609	-6.050	-5.286	-4.585
31	0.30	-4.153	-4.059	-4.216	-4.439	-4.549	-4.452	-4.179	-3.855	-3.611	-3.506
41	0.40	-3.486	-3.404	-3.104	-2.515	-1.710	-0.904	-0.380	-0.374	-0.972	-2.059
51	0.50	-3.349	-4.480	-5.142	-5.183	-4.658	-3.800	-2.933	-2.355	-2.242	-2.610
61	0.60	-3.327	-4.180	-4.952	-5.484	-5.683	-5.516	-4.969	-4.031	-2.706	-1.052
71	0.70	0.768	2.476	3.715	4.155	3.618	2.175	0.178	-1.826	-3.253	-3.681
81	0.80	-2.990	-1.402	0.602	2.665	3.755	4.302	4.227	3.850	3.534	3.517
91	0.90	3.825	4.278	4.584	4.472	3.803	2.624	1.142	-0.348	-1.551	-2.246
101	1.00	-2.328	-1.821	-0.864	0.310	1.412	2.155	2.323	1.839	0.803	-0.518
111	1.10	-1.776	-2.651	-2.974	-2.787	-2.316	-1.870	-1.692	-1.850	-2.197	-2.438
121	1.20	-2.266	-1.510	-0.216	1.358	2.844	3.911	4.385	4.305	3.881	3.398
131	1.30	3.102	3.120	3.434	3.845	4.452	4.782	4.778	4.333	3.601	2.624
141	1.40	0.353	-1.700	-2.804	-3.693	-3.871	-3.377	-2.551	-1.451	-0.721	-0.461
151	1.50	-0.659	-1.122	-1.587	-1.857	-1.899	-1.831	-1.841	-2.041	-2.376	-2.617
161	1.60	-2.464	-1.708	-0.367	1.276	2.763	3.667	3.682	2.926	1.710	0.479
171	1.70	-0.406	-0.820	-0.904	-0.955	-1.239	-1.633	-2.559	-3.065	-2.990	-2.160
181	1.80	-0.686	1.063	2.608	3.553	3.742	3.299	2.544	1.835	1.410	1.305
191	1.90	1.381	1.430	1.305	0.995	0.623	0.359	0.305	0.421	0.522	0.363
201	2.00	-0.234	-1.279	-2.572	-3.772	-4.524	-4.603	-4.014	-2.997	-1.935	-1.216
211	2.10	-1.085	-1.557	-2.428	-3.358	-4.004	-4.141	-3.723	-2.878	-1.827	-0.787
221	2.20	0.109	0.835	1.450	2.024	2.577	3.041	3.281	3.152	2.577	1.599
231	2.30	0.390	-0.780	-1.623	-1.907	-1.519	-0.492	1.002	2.685	4.227	5.308
241	2.40	5.688	5.280	4.193	2.738	1.366	0.539	0.568	1.464	2.888	4.221
251	2.50	4.764	4.009	1.861	-1.267	-4.562	-7.079	-8.085	-7.336	-5.172	-2.377
261	2.60	0.122	1.620	1.887	1.221	0.288	-0.195	0.236	1.608	3.526	5.371
271	2.70	6.515	6.851	6.332	5.397	4.278	4.277	5.623	5.440	6.330	6.852
281	2.80	6.685	5.734	4.155	2.284	0.527	-0.767	-1.398	-1.372	-0.890	-0.280
291	2.90	0.094	-0.038	-0.761	-1.931	-3.201	-4.137	-4.356	-3.674	-2.174	-0.184
301	3.00	1.833	3.429	4.314	4.419	3.892	2.959	1.917	0.958	0.191	-0.355
311	3.10	-0.686	-0.834	-0.850	-0.824	-0.885	-1.161	-1.710	-2.453	-3.159	-3.501
321	3.20	-3.189	-2.119	-0.465	1.332	2.708	3.180	2.547	0.974	-1.065	-2.971
331	3.30	-4.254	-4.706	-4.440	-3.798	-3.142	-2.776	-2.459	-2.639	-2.477	-2.019
341	3.40	-1.275	-0.414	0.334	0.807	0.984	0.975	0.937	0.955	0.964	0.763
351	3.50	0.114	-1.122	-2.864	-4.793	-6.424	-7.259	-6.957	-5.437	-2.912	0.190
361	3.60	3.344	6.061	7.991	8.963	8.987	8.220	6.921	5.392	3.929	2.758
371	3.70	1.986	1.576	1.358	1.085	0.520	-0.473	-1.873	-3.497	-5.056	-6.249
381	3.80	-6.858	-6.813	-6.204	-5.241	-4.187	-3.282	-2.691	-2.477	-2.604	-2.958
391	3.90	-3.378	-3.687	-3.732	-3.416	-2.728	-1.748	-0.634	0.418	1.236	1.717
401	4.00	1.856	1.734	1.470	1.165	0.853	0.496	0.008	-0.686	-1.587	-2.595
411	4.10	-3.516	-4.115	-4.198	-3.675	-2.600	-1.162	0.375	1.744	2.755	3.339
421	4.20	3.555	3.552	3.505	3.548	3.720	3.954	4.102	3.994	3.512	2.643
431	4.30	1.504	0.307	-0.703	-1.331	-1.498	-1.261	-0.784	-0.270	0.118	0.308
441	4.40	0.320	0.221	0.065	-0.161	-0.537	-1.166	-2.090	-3.225	-4.344	-5.134
451	4.50	-5.305	-4.711	-3.424	-1.721	0.010	1.425	2.353	2.855	3.174	3.601
461	4.60	4.309	5.233	6.064	6.351	5.685	3.892	1.141	-2.073	-5.068	-7.193
471	4.70	-8.028	-7.511	-5.926	-3.777	-1.595	0.232	1.561	2.480	3.198	3.901
481	4.80	4.629	5.232	5.430	4.934	3.598	1.512	-0.985	-3.391	-5.202	-6.072
491	4.90	-5.925	-4.968	-3.612	-2.318	-1.441	-1.118	-1.248	-1.547	-1.669	-1.334

Table 7—29—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	-0.418	1.011	2.726	4.401	5.695	6.325	6.124	5.076	3.333	1.204
511	5.10	-0.893	-2.517	-3.310	-3.116	-2.032	-0.414	1.237	2.429	2.860	2.427
521	5.20	1.421	0.223	-0.765	-1.301	-1.384	-1.226	-1.130	-1.343	-1.936	-2.783
531	5.30	-3.628	-4.204	-4.356	-4.083	-3.520	-2.849	-2.207	-1.636	-1.097	-0.522
541	5.40	0.115	0.765	1.388	1.708	1.595	1.893	1.937	2.083	2.195	2.195
551	5.50	2.043	1.372	0.006	-2.060	-4.622	-7.297	-9.610	-11.093	-11.399	-10.368
561	5.60	-8.071	-4.802	-1.027	2.706	5.888	8.165	9.428	9.827	9.702	9.445
571	5.70	9.340	9.450	9.602	9.479	8.790	7.426	5.546	3.524	1.803	0.699
581	5.80	0.267	0.284	0.366	0.158	-0.487	-1.446	-2.384	-2.931	-2.867	-2.237
591	5.90	-1.331	-0.551	-0.224	-0.460	-1.118	-1.895	-2.483	-2.715	-2.626	-2.411
601	6.00	-2.302	-2.445	-2.825	-3.288	-3.630	-3.706	-3.488	-3.062	-2.554	-2.052
611	6.10	-1.547	-0.957	-0.188	0.783	1.868	2.890	3.650	4.024	4.009	3.726
621	6.20	3.349	3.022	2.804	2.657	2.495	2.259	1.962	1.690	1.555	1.620
631	6.30	1.848	2.103	2.202	2.001	1.458	0.657	-0.229	-1.011	-1.561	-1.842
641	6.40	-1.900	-1.819	-1.666	-1.467	-1.217	-0.917	-0.602	-0.349	-0.241	-0.314
651	6.50	-0.524	-0.744	-0.819	-0.640	-0.214	0.330	0.788	0.985	0.874	0.584
661	6.60	0.385	0.574	1.325	2.583	4.041	5.224	5.663	5.071	3.469	1.199
671	6.70	-1.194	-3.143	-4.259	-4.453	-3.951	-3.189	-2.636	-2.624	-3.229	-4.257
681	6.80	-5.331	-6.025	-6.012	-5.158	-3.542	-1.411	0.513	3.123	5.339	6.398
691	6.90	7.304	7.732	7.734	7.376	6.741	5.926	5.033	4.149	3.309	2.482
701	7.00	1.573	0.470	-0.897	-2.491	-4.149	-5.605	-6.573	-6.858	-6.442	-5.518
711	7.10	-4.441	-3.617	-3.356	-3.758	-4.674	-5.757	-6.593	-6.846	-6.383	-5.306
721	7.20	-3.900	-2.511	-1.412	-0.708	-0.315	-0.019	0.422	1.175	2.271	3.610
731	7.30	5.014	6.302	7.351	8.110	8.579	8.763	8.663	8.177	7.329	6.120
741	7.40	4.659	3.126	1.711	0.534	-0.425	-1.378	-2.193	-2.912	-3.439	-8.001
751	7.50	-9.971	-11.223	-11.308	-10.031	-7.555	-4.372	-1.163	1.410	2.902	3.210
761	7.60	2.563	1.413	0.258	-0.522	-0.766	-0.541	-0.071	0.368	0.552	0.364
771	7.70	-0.194	-1.022	-1.967	-2.648	-3.483	-3.706	-3.383	-2.446	-0.915	1.089
781	7.80	3.346	5.580	7.502	8.868	9.517	9.394	8.546	7.110	5.291	3.328
791	7.90	1.454	-0.152	-1.411	-2.364	-3.158	-3.989	-5.011	-6.255	-7.585	-8.724
801	8.00	-9.362	-9.184	-8.174	-6.455	-4.355	-2.270	-0.544	0.631	1.237	1.388
811	8.10	1.251	0.969	0.631	0.294	0.020	-0.095	0.064	0.580	1.432	2.463
821	8.20	3.398	3.930	3.824	3.014	1.620	-0.089	-1.792	-3.218	-4.201	-4.688
831	8.30	-4.704	-4.301	-3.528	-2.439	-1.114	0.316	1.678	2.794	3.526	3.813
841	8.40	3.672	3.167	2.379	1.398	0.343	-0.596	-1.144	-1.001	0.057	2.027
851	8.50	4.581	7.080	8.735	8.871	7.207	4.009	0.064	-3.561	-5.883	-6.341
861	8.60	-4.988	-2.644	0.345	2.467	3.348	2.901	1.484	-0.312	-1.908	-2.936
871	8.70	-3.305	-3.147	-2.683	-2.106	-1.516	-0.933	-0.347	0.228	0.750	1.183
881	8.80	1.546	1.943	2.535	3.464	4.769	6.321	7.831	8.930	9.291	8.756
891	8.90	7.403	5.542	3.628	2.127	1.370	1.458	2.228	3.303	4.206	4.503
901	9.00	3.931	2.479	0.380	-1.963	-4.112	-5.737	-6.710	-7.130	-7.257	-7.394
911	9.10	-7.756	-8.382	-9.124	-9.715	-9.880	-9.462	-8.386	-6.856	-5.080	-3.312
921	9.20	-1.732	-0.628	0.601	1.416	2.103	2.753	3.447	4.256	5.217	6.305
931	9.30	7.413	8.345	8.855	8.724	7.847	6.297	4.344	2.390	0.859	0.067
941	9.40	0.121	0.884	2.018	3.087	3.679	3.511	2.489	0.705	-1.602	-4.122
951	9.50	-6.531	-8.555	-9.990	-10.727	-10.755	-10.157	-9.103	-7.828	-6.592	-5.629
961	9.60	-5.097	-5.022	-5.294	-5.679	-5.886	-5.657	-4.856	-3.525	-1.887	-0.281
971	9.70	0.945	1.559	1.520	0.999	0.308	-0.215	-0.338	-0.011	0.634	1.358
981	9.80	1.937	2.266	2.408	2.555	2.928	3.664	4.733	5.939	6.980	7.558
991	9.90	7.480	6.707	5.352	3.623	1.763	0.001	-1.468	-2.482	-2.927	-2.755

Table 7—29—3 TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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)
1001	10.00	-2.027	-0.962	0.181	0.971	1.126	0.531	-0.683	-2.161	-3.448	-4.163
1011	10.10	-4.147	-3.532	-2.683	-2.039	-1.922	-2.389	-3.195	-3.890	-3.993	-3.199
1021	10.20	-1.500	0.796	3.174	5.092	6.168	6.289	5.625	4.536	3.423	2.582
1031	10.30	2.118	1.936	1.823	1.562	1.043	0.329	-0.362	-0.732	-0.524	0.372
1041	10.40	1.861	3.654	5.359	6.604	7.155	6.984	6.258	5.261	4.270	3.455
1051	10.50	2.818	2.218	1.447	0.338	-1.157	-2.940	-4.803	-4.505	-7.852	-8.746
1061	10.60	-9.179	-9.199	-8.852	-8.156	-7.110	-5.735	-4.120	-2.442	-0.942	0.150
1071	10.70	0.693	0.697	0.325	-0.169	-0.536	-0.619	-0.621	-0.072	0.235	0.367
1081	10.80	0.223	-0.037	-0.231	-0.133	0.420	1.476	2.951	4.665	6.392	7.906
1091	10.90	9.016	9.565	9.443	8.596	7.056	4.976	2.636	0.421	-1.262	-2.088
1101	11.00	-1.915	-0.864	0.798	2.561	3.909	4.543	4.290	3.220	1.572	-0.341
1111	11.10	-2.227	-3.883	-5.227	-6.271	-7.076	-7.700	-8.154	-8.381	-8.265	-7.660
1121	11.20	-6.442	-4.564	-2.107	0.707	3.531	5.973	7.682	8.455	8.287	7.273
1131	11.30	6.036	4.623	3.398	2.483	1.866	1.460	1.180	0.996	0.938	1.040
1141	11.40	1.283	1.545	1.628	1.326	0.525	-0.721	-2.188	-3.548	-4.488	-4.818
1151	11.50	-4.536	-3.804	-2.872	-1.978	-1.278	-0.837	-0.663	-0.756	-1.135	-1.811
1161	11.60	-2.740	-3.765	-4.615	-4.962	-4.536	-3.232	-1.171	1.324	3.824	5.925
1171	11.70	7.357	8.014	7.929	7.193	5.897	4.112	1.930	-0.485	-2.863	-4.868
1181	11.80	-6.191	-6.669	-6.367	-5.532	-4.561	-3.934	-3.568	-3.407	-3.115	-2.320
1191	11.90	-0.801	1.371	3.819	5.975	7.287	7.429	6.440	4.724	2.934	1.754
1201	12.00	1.681	2.864	5.030	7.702	10.068	11.486	11.510	10.048	7.342	3.889
1211	12.10	0.274	-3.009	-5.681	-7.713	-9.267	-10.553	-11.683	-12.585	-13.009	-12.648
1221	12.20	-11.308	-9.056	-6.265	-3.526	-1.448	-0.420	-0.446	-1.125	-1.794	-1.786
1231	12.30	-0.696	1.443	4.170	6.759	8.488	8.893	7.914	5.874	3.322	0.810
1241	12.40	-1.298	-2.871	-4.355	-5.035	-5.180	-6.896	-7.949	-8.040	-7.910	-7.231
1251	12.50	-6.122	-4.798	-3.489	-2.353	-1.450	-0.752	-0.211	0.191	0.415	0.387
1261	12.60	0.056	-0.554	-1.318	-2.032	-2.486	-2.542	-2.193	-1.567	-0.885	-0.371
1271	12.70	-0.166	-0.267	-0.521	-0.672	-0.443	0.375	1.853	3.897	6.265	8.622
1281	12.80	10.620	11.976	12.513	12.202	11.120	9.415	7.244	4.734	1.976	-0.953
1291	12.90	-3.934	-6.770	-9.176	-10.828	-11.459	-10.963	-9.480	-7.397	-5.267	-3.662
1301	13.00	-2.990	-5.371	-6.593	-6.180	-7.549	-8.197	-7.857	-6.566	-6.634	-2.533
1311	13.10	-0.737	0.410	0.781	0.469	-0.258	-1.950	-3.570	-4.571	-0.935	0.314
1321	13.20	2.030	3.983	5.909	7.558	8.737	9.339	9.361	8.895	8.104	7.189
1331	13.30	6.364	5.708	5.331	5.157	5.036	4.768	4.173	3.169	1.840	0.444
1341	13.40	-0.625	-0.952	-0.240	1.560	4.180	7.064	9.491	10.766	10.414	8.333
1351	13.50	4.821	0.511	-3.799	-7.351	-9.611	-10.386	-9.834	-8.383	-6.587	-4.951
1361	13.60	-3.793	-3.168	-2.886	-2.614	-2.026	-0.955	0.508	2.017	3.075	3.212
1371	13.70	2.165	0.002	-2.878	-5.870	-8.358	-9.918	-10.433	-10.082	-9.203	-8.106
1381	13.80	-6.917	-5.528	-3.680	-1.133	2.148	5.894	9.574	12.552	14.318	14.668
1391	13.90	13.777	12.115	10.251	8.630	7.619	6.475	5.464	4.054	2.110	-0.198
1401	14.00	-2.422	-3.985	-4.390	-3.415	-1.209	1.737	4.742	7.140	8.474	8.611
1411	14.10	7.739	6.251	4.585	3.061	1.799	0.728	-0.314	-1.443	-2.632	-3.689
1421	14.20	-4.348	-4.409	-3.884	-3.056	-2.408	-2.448	-3.471	-5.389	-7.700	-9.625
1431	14.30	-10.393	-9.547	-7.149	-3.798	-0.431	2.023	2.985	2.449	0.972	-0.562
1441	14.40	-1.295	-0.750	0.984	3.285	5.250	6.052	5.262	3.008	-0.071	-3.075
1451	14.50	-5.167	-5.858	-5.155	-3.517	-1.657	-0.273	0.189	-0.334	-1.545	-2.915
1461	14.60	-3.883	-4.030	-3.180	-1.411	1.020	3.775	6.535	9.039	11.086	12.501
1471	14.70	13.108	12.743	11.302	8.813	5.501	1.795	-1.732	-4.489	-6.017	-6.111
1481	14.80	-4.869	-2.662	-0.015	2.530	4.542	5.760	6.097	5.585	4.318	2.416
1491	14.90	0.020	-2.680	-5.431	-7.923	-9.848	-10.973	-11.210	-10.639	-9.461	-7.911

Table 7—29—4 TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	-6.156	-4.235	-2.074	0.426	3.273	6.283	9.066	11.117	11.984	11.446
1511	15.10	9.643	7.063	4.399	2.312	1.185	0.960	1.157	1.049	-0.038	-2.423
1521	15.20	-5.891	-9.200	-12.821	-14.298	-13.926	-10.981	-7.558	-3.567	-1.309	-1.245
1531	15.30	-3.682	-7.413	-11.982	-16.101	-19.048	-20.681	-21.384	-21.757	-22.214	-22.665
1541	15.40	-22.447	-20.549	-16.065	-8.669	1.080	11.756	21.429	28.240	30.991	29.516
1551	15.50	24.700	18.162	11.700	6.734	3.921	3.067	3.337	3.652	3.114	1.311
1561	15.60	-1.575	-4.889	-7.750	-9.368	-9.186	-7.185	-3.673	0.756	5.419	9.715
1571	15.70	13.237	15.791	17.340	17.903	17.458	15.910	13.127	9.052	3.841	-2.053
1581	15.80	-7.884	-12.736	-15.743	-16.317	-14.318	-10.098	-4.403	1.826	7.671	12.405
1591	15.90	15.564	16.931	16.457	14.201	10.306	5.014	-1.299	-8.128	-14.886	-21.000
1601	16.00	-26.003	-29.588	-31.587	-31.904	-30.444	-27.101	-21.822	-14.737	-6.292	2.710
1611	16.10	11.200	18.060	22.411	23.850	22.549	19.174	14.657	9.911	5.612	2.105
1621	16.20	-0.527	-2.316	-3.261	-3.258	-2.159	0.095	3.333	7.095	10.705	13.444
1631	16.30	14.769	14.480	12.760	10.077	7.001	3.994	1.286	-1.156	-3.522	-6.036
1641	16.40	-8.814	-11.802	-14.786	-17.449	-19.457	-20.507	-20.351	-18.814	-15.807	-11.388
1651	16.50	-5.828	-0.340	4.345	11.304	14.434	15.297	13.923	11.098	7.714	4.976
1661	16.60	3.794	4.556	7.017	10.405	13.706	16.014	16.820	16.139	14.430	12.364
1671	16.70	10.530	9.221	8.350	7.541	6.336	4.393	1.659	-1.665	-5.107	-8.299
1681	16.80	-10.915	-12.839	-14.107	-14.803	-14.956	-14.483	-13.229	-11.073	-8.051	-4.430
1691	16.90	-0.691	2.588	4.899	5.966	5.818	4.756	3.223	1.637	0.252	-0.886
1701	17.00	-1.886	-2.886	-3.918	-4.841	-5.360	-5.144	-3.978	-1.887	0.818	3.615
1711	17.10	5.914	7.241	7.368	6.371	4.583	2.475	0.523	-0.924	-1.706	-1.866
1721	17.20	-1.629	-1.285	-1.215	-1.704	-2.912	-4.796	-7.080	-9.284	-10.823	-11.164
1731	17.30	-9.992	-7.338	-3.616	0.463	4.078	6.514	7.954	6.576	4.521	1.270
1741	17.40	-1.023	-3.291	-4.643	-4.890	-4.022	-2.166	0.443	3.478	6.538	9.190
1751	17.50	11.042	11.833	11.515	10.273	8.478	6.578	4.956	3.818	3.147	2.731
1761	17.60	2.273	1.507	0.309	-1.256	-2.947	-4.419	-5.315	-5.361	-4.438	-2.609
1771	17.70	-0.109	2.702	5.418	7.671	9.197	9.873	9.696	8.733	7.055	4.685
1781	17.80	1.614	-2.146	-6.468	-11.044	-15.377	-18.872	-20.986	-21.395	-20.103	-17.644
1791	17.90	-13.961	-10.230	-6.683	-3.515	-0.703	1.877	4.318	6.583	8.512	9.908
1801	18.00	10.659	10.818	10.591	10.238	9.927	9.631	9.127	8.106	6.351	3.901
1811	18.10	1.097	-1.497	-3.297	-3.929	-3.384	-2.043	-0.543	0.442	0.427	-0.748
1821	18.20	-2.910	-5.651	-8.493	-11.033	-13.019	-14.361	-15.077	-15.237	-14.922	-14.206
1831	18.30	-13.162	-11.854	-10.328	-8.585	-6.579	-4.238	-1.513	1.567	4.861	8.135
1841	18.40	11.123	13.605	15.466	16.685	17.295	17.281	16.540	14.893	12.188	8.436
1851	18.50	3.931	-0.725	-4.731	-7.295	-7.877	-6.375	-3.176	0.946	5.051	8.280
1861	18.60	10.054	10.156	8.607	6.010	2.526	-1.318	-5.111	-8.472	-11.057	-12.594
1871	18.70	-12.948	-12.187	-10.604	-8.661	-6.870	-5.629	-5.095	-5.133	-5.372	-5.346
1881	18.80	-4.662	-3.141	-0.866	1.856	4.607	6.989	8.718	9.666	9.840	9.329
1891	18.90	8.251	6.729	4.895	2.905	0.954	-0.743	-1.995	-2.697	-2.867	-2.665
1901	19.00	-2.345	-2.186	-2.400	-3.072	-4.131	-5.388	-6.608	-7.593	-8.251	-8.618
1911	19.10	-8.820	-9.007	-9.268	-9.570	-9.752	-9.566	-8.754	-7.163	-4.702	-1.563
1921	19.20	2.019	5.724	9.239	12.307	14.761	16.413	17.244	17.198	16.302	14.674
1931	19.30	12.542	10.226	8.084	6.417	5.381	4.981	4.877	4.863	4.580	3.827
1941	19.40	2.586	1.020	-0.590	-1.943	-2.801	-3.068	-2.686	-1.815	-0.524	0.832
1951	19.50	2.246	3.459	4.263	4.477	3.981	2.772	0.976	-1.175	-3.404	-5.482
1961	19.60	-7.288	-8.826	-10.182	-11.432	-12.559	-13.402	-13.696	-13.171	-11.681	-9.306
1971	19.70	-6.382	-3.421	-0.962	0.601	1.147	0.863	0.170	-0.422	-0.486	0.201
1981	19.80	1.620	3.559	5.721	7.842	9.770	11.483	13.043	14.528	15.962	17.280
1991	19.90	18.337	18.953	18.960	18.256	16.821	14.718	12.071	9.037	5.783	2.459

Table 7—29—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	-9.810	-3.933	-6.848	-9.505	-11.853	-13.817	-15.299	-16.191	-16.404	-15.914
2011	20.10	-14.792	-13.202	-11.378	-9.556	-7.910	-6.504	-5.286	-4.132	-2.916	-1.590
2021	20.20	-0.228	0.978	1.771	1.919	1.259	-0.050	-1.918	-3.978	-5.866	-7.268
2031	20.30	-7.990	-7.985	-7.342	-6.230	-4.835	-3.294	-1.661	0.093	2.037	4.215
2041	20.40	6.578	8.948	11.027	12.467	12.922	12.404	10.851	8.624	6.173	3.960
2051	20.50	2.322	1.374	0.994	0.887	0.700	0.144	-0.923	-2.476	-4.357	-6.352
2061	20.60	-8.254	-9.910	-11.224	-12.150	-12.689	-12.788	-12.532	-11.956	-11.124	-10.085
2071	20.70	-8.839	-7.319	-5.406	-2.987	-0.023	3.398	7.008	10.506	13.556	15.967
2081	20.80	17.666	18.783	19.571	20.173	20.600	20.666	20.042	18.388	15.506	11.465
2091	20.90	6.623	1.556	-3.094	-6.794	-9.255	-10.479	-10.709	-10.318	-9.670	-9.011
2101	21.00	-8.429	-7.876	-7.251	-6.482	-5.599	-4.745	-4.141	-4.010	-4.487	-5.560
2111	21.10	-7.044	-8.623	-9.925	-10.620	-10.506	-9.552	-7.895	-5.788	-3.518	-1.361
2121	21.20	0.577	2.157	3.393	4.301	4.888	5.139	5.030	4.554	3.753	2.723
2131	21.30	1.606	0.553	-0.312	-0.923	-1.280	-1.440	-1.498	-1.546	-1.749	-2.138
2141	21.40	-2.790	-3.710	-4.832	-6.002	-6.988	-7.512	-7.312	-6.218	-4.209	-1.435
2151	21.50	1.804	5.135	8.189	10.689	12.485	13.557	13.973	13.838	13.253	12.296
2161	21.60	11.030	9.520	7.842	6.089	4.344	2.663	1.060	-0.488	-2.025	-3.599
2171	21.70	-5.245	-6.994	-8.869	-10.892	-13.053	-15.272	-17.357	-18.994	-19.786	-19.338
2181	21.80	-17.403	-13.972	-9.327	-3.991	1.406	6.297	10.327	13.415	15.705	17.441
2191	21.90	18.814	19.855	20.422	20.286	19.260	17.326	14.680	11.680	8.719	6.081
2201	22.00	3.846	1.887	-0.039	-2.160	-4.559	-7.124	-9.577	-11.582	-12.863	-13.300
2211	22.10	-12.955	-12.031	-10.788	-9.460	-8.202	-7.077	-6.080	-5.182	-4.351	-3.569
2221	22.20	-2.815	-2.051	-1.215	-0.221	1.017	2.564	4.429	6.554	8.790	10.913
2231	22.30	12.642	13.686	13.809	12.897	11.007	8.379	5.387	2.454	-0.066	-1.976
2241	22.40	-3.273	-4.120	-4.752	-5.367	-6.048	-6.744	-7.313	-7.621	-7.618	-7.387
2251	22.50	-7.115	-7.007	-7.195	-7.662	-8.235	-8.646	-8.620	-7.973	-6.663	-4.780
2261	22.60	-2.498	0.005	2.603	5.239	7.908	10.613	13.315	15.915	18.254	20.139
2271	22.70	21.384	21.840	21.422	20.123	18.024	15.286	12.141	8.857	5.693	2.849
2281	22.80	0.426	-1.582	-3.254	-4.689	-5.929	-6.920	-7.512	-7.509	-6.767	-5.277
2291	22.90	-3.218	-0.949	1.066	2.372	2.636	1.721	-0.287	-3.125	-6.424	-9.792
2301	23.00	-12.880	-15.416	-17.222	-18.207	-18.362	-17.756	-16.532	-14.891	-13.065	-11.279
2311	23.10	-9.707	-8.445	-7.502	-6.819	-6.301	-5.850	-5.383	-4.842	-4.179	-3.352
2321	23.20	-2.318	-1.051	0.439	2.087	3.770	5.333	6.622	7.537	8.060	8.258
2331	23.30	8.267	8.237	8.291	8.487	8.805	9.164	9.446	9.509	9.257	8.611
2341	23.40	7.539	6.066	4.276	2.324	0.413	-1.229	-2.403	-2.990	-2.999	-2.565
2351	23.50	-1.925	-1.345	-1.040	-1.117	-1.545	-2.184	-2.860	-3.335	-3.563	-3.497
2361	23.60	-3.181	-2.687	-2.085	-1.429	-0.768	-0.167	0.282	0.475	0.340	-0.116
2371	23.70	-0.765	-1.376	-1.668	-1.611	-0.518	0.898	2.532	3.975	4.841	4.895
2381	23.80	4.145	2.843	1.411	0.311	-0.103	0.304	1.400	2.824	4.089	4.724
2391	23.90	4.407	3.054	0.842	-1.848	-4.543	-6.815	-8.400	-9.257	-9.552	-9.565
2401	24.00	-9.563	-9.655	-9.880	-9.934	-9.565	-8.557	-6.862	-4.636	-2.172	0.220
2411	24.10	2.351	4.228	6.033	8.003	10.268	12.710	14.929	16.339	16.360	14.641
2421	24.20	11.229	6.594	1.514	-3.147	-6.696	-8.785	-9.472	-9.139	-8.320	-7.504
2431	24.30	-6.995	-6.857	-6.951	-7.034	-6.867	-6.295	-5.287	-3.917	-2.335	-0.716
2441	24.40	0.779	2.034	3.001	3.710	4.264	4.817	5.529	6.512	7.789	9.273
2451	24.50	10.776	12.061	12.899	13.123	12.660	11.561	9.880	7.854	5.680	3.589
2461	24.60	1.799	0.474	-0.316	-0.633	-0.675	-0.725	-1.046	-1.797	-2.926	-4.165
2471	24.70	-5.110	-5.372	-4.741	-3.299	-1.618	0.355	1.495	1.692	0.958	-0.395
2481	24.80	-1.901	-3.139	-3.902	-4.253	-4.451	-4.776	-5.354	-6.048	-6.497	-6.267
2491	24.90	-5.064	-2.897	-0.126	2.646	4.782	5.846	5.746	4.752	3.366	2.119

Table 7—29—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	1.377	1.239	1.556	2.041	2.418	2.531	2.369	2.014	1.551	0.994
2511	25.10	0.269	-0.740	-2.111	-3.818	-5.716	-7.577	-9.170	-10.321	-10.949	-11.035
2521	25.20	-10.573	-9.523	-7.809	-5.361	-2.188	1.563	5.598	9.531	12.981	15.677
2531	25.30	17.507	18.503	18.771	18.393	17.366	15.599	12.975	9.449	5.119	0.250
2541	25.40	-4.774	-9.545	-13.734	-17.152	-19.759	-21.617	-22.828	-23.477	-23.605	-23.221
2551	25.50	-22.316	-20.882	-18.904	-16.357	-13.205	-9.424	-5.052	-0.239	4.737	9.495
2561	25.60	13.631	16.822	18.911	19.931	20.070	19.573	18.650	17.418	15.902	14.101
2571	25.70	12.061	9.922	7.906	6.239	5.064	4.365	3.972	3.620	3.067	2.183
2581	25.80	0.997	-0.340	-1.638	-2.770	-3.723	-4.585	-5.475	-6.449	-7.434	-8.238
2591	25.90	-8.607	-8.338	-7.366	-5.808	-3.938	-2.106	-0.641	0.220	0.379	-0.138
2601	26.00	-1.205	-2.636	-4.206	-5.702	-6.933	-7.786	-8.250	-8.453	-8.612	-8.965
2611	26.10	-9.661	-10.662	-11.710	-12.372	-12.176	-10.780	-8.111	-4.424	-0.243	3.794
2621	26.20	7.123	9.400	10.570	10.812	10.428	9.698	8.791	7.745	6.515	5.068
2631	26.30	3.452	1.829	0.443	-0.452	-0.668	-0.139	1.058	2.732	4.618	6.432
2641	26.40	7.914	8.873	9.211	8.947	8.209	7.210	6.197	5.381	4.884	4.712
2651	26.50	4.776	4.951	5.135	5.290	5.438	5.604	5.757	5.758	5.386	4.408
2661	26.60	2.690	0.290	-2.524	-5.333	-7.705	-9.341	-10.173	-10.381	-10.306	-10.311
2671	26.70	-10.654	-11.407	-12.463	-13.607	-14.600	-15.253	-15.439	-15.065	-14.055	-12.331
2681	26.80	-9.851	-6.665	-2.973	0.883	4.473	7.396	9.598	10.448	10.736	10.597
2691	26.90	10.393	10.394	10.712	11.308	12.036	12.727	13.242	13.495	13.445	13.062
2701	27.00	12.305	11.111	9.612	7.157	4.334	0.985	-2.786	-6.796	-10.788	-14.426
2711	27.10	-17.339	-19.178	-19.708	-18.895	-16.946	-14.289	-11.468	-8.996	-7.197	-6.141
2721	27.20	-5.625	-5.289	-4.764	-3.815	-2.418	-0.736	0.977	2.506	3.778	4.889
2731	27.30	6.061	7.438	9.172	11.154	13.130	14.764	15.756	15.947	15.369	14.231
2741	27.40	12.844	11.519	10.479	9.814	9.476	9.323	9.140	8.890	8.354	7.535
2751	27.50	6.445	5.129	3.637	2.016	0.305	-1.466	-3.272	-5.098	-6.944	-8.827
2761	27.60	-10.776	-12.815	-14.942	-17.092	-19.130	-20.857	-22.060	-22.471	-22.028	-20.716
2771	27.70	-18.679	-16.160	-13.434	-10.726	-8.148	-5.677	-3.183	-0.507	2.454	5.679
2781	27.80	9.008	12.176	14.899	16.972	18.334	19.081	19.405	19.504	19.465	19.213
2791	27.90	18.509	17.042	14.558	10.990	6.536	1.646	-3.084	-7.074	-9.913	-11.464
2801	28.00	-11.871	-11.469	-10.645	-9.699	-8.760	-7.788	-6.653	-5.247	-3.582	-1.816
2811	28.10	-0.221	0.926	1.447	1.336	0.767	0.026	-0.603	-0.935	-0.943	-0.748
2821	28.20	-0.546	-0.508	-0.702	-1.053	-1.384	-1.486	-1.215	-0.552	0.380	1.362
2831	28.30	2.160	2.609	2.672	2.442	2.101	1.844	1.798	1.982	2.294	2.556
2841	28.40	2.569	2.181	1.322	0.016	-1.641	-3.513	-5.457	-7.345	-9.068	-10.531
2851	28.50	-11.653	-12.362	-12.610	-12.378	-11.680	-10.559	-9.077	-7.301	-5.295	-3.130
2861	28.60	-0.885	1.348	3.469	5.393	7.081	8.553	9.881	11.139	12.440	13.685
2871	28.70	14.739	15.346	15.223	14.151	12.071	9.128	5.662	2.132	-0.996	-3.361
2881	28.80	-4.789	-5.315	-5.140	-4.566	-3.897	-3.375	-3.136	-3.191	-3.469	-3.824
2891	28.90	-4.081	-4.069	-3.651	-2.757	-1.403	0.290	2.111	3.786	5.033	5.623
2901	29.00	5.431	4.461	2.835	0.759	-1.543	-3.872	-6.085	-8.095	-9.842	-11.259
2911	29.10	-12.247	-12.675	-12.613	-11.376	-9.566	-7.095	-4.175	-1.080	1.909	4.541
2921	29.20	6.630	8.058	8.765	8.730	7.990	6.626	4.786	2.669	0.521	-1.428
2931	29.30	-3.007	-4.132	-4.820	-5.152	-5.228	-5.120	-4.850	-4.399	-3.749	-2.910
2941	29.40	-1.944	-0.966	-0.003	0.841	1.602	2.337	3.090	3.864	4.503	4.922
2951	29.50	4.978	4.669	4.050	3.411	2.992	2.963	3.315	3.865	4.227	4.166
2961	29.60	3.438	2.175	0.646	-0.767	-1.660	-1.862	-1.388	-0.699	0.518	1.405
2971	29.70	2.028	2.399	2.619	2.802	3.009	3.230	3.406	3.486	3.460	3.368
2981	29.80	3.263	3.179	3.100	2.972	2.739	2.386	1.950	1.508	1.116	0.769
2991	29.90	0.385	-0.159	-0.948	-1.954	-3.007	-3.834	-4.169	-3.875	-3.034	-1.953

Table 7—29—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) I= 16.04 (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)
3001	30.00	-1.068	-0.791	-1.347	-2.690	-4.502	-6.311	-7.645	-8.187	-7.855	-6.797
3011	30.10	-5.307	-3.792	-2.219	-0.961	0.103	1.081	2.090	3.197	4.387	5.565
3021	30.20	6.583	7.285	7.552	7.338	6.695	5.764	4.758	3.869	3.292	3.095
3031	30.30	3.250	3.640	4.111	4.533	4.841	5.044	5.192	5.321	5.402	5.321
3041	30.40	4.901	3.976	2.458	0.401	-1.987	-4.381	-6.426	-7.822	-8.407	-8.189
3051	30.50	-7.330	-6.096	-4.784	-3.643	-2.836	-2.410	-2.324	-2.477	-2.762	-3.104
3061	30.60	-3.484	-3.927	-4.483	-5.183	-6.008	-6.877	-7.659	-8.211	-8.418	-8.223
3071	30.70	-7.632	-6.701	-5.501	-4.091	-2.506	-0.768	1.089	2.994	4.844	6.514
3081	30.80	7.902	8.960	9.719	10.270	10.735	11.213	11.741	12.279	12.720	12.919
3091	30.90	12.733	12.055	10.836	9.095	6.916	4.450	1.894	-0.527	-2.594	-4.136
3101	31.00	-5.066	-5.401	-5.254	-4.800	-4.221	-3.658	-3.179	-2.779	-2.397	-1.961
3111	31.10	-1.421	-0.772	-0.054	0.655	1.261	1.673	1.818	1.652	1.166	0.389
3121	31.20	-0.618	-1.775	-3.003	-4.240	-5.452	-6.623	-7.739	-8.754	-9.582	-10.106
3131	31.30	-10.210	-9.829	-8.984	-7.801	-6.473	-5.211	-4.171	-3.409	-2.869	-2.419
3141	31.40	-1.911	-1.236	-0.365	0.447	1.087	2.623	3.336	3.744	3.806	3.523
3151	31.50	2.943	2.166	1.341	0.469	0.265	0.300	0.758	1.518	2.365	3.063
3161	31.60	3.440	3.463	3.252	3.032	3.044	3.438	4.292	5.154	6.002	6.469
3171	31.70	6.352	5.635	4.464	3.095	1.801	0.782	0.121	-0.227	-0.382	-0.491
3181	31.80	-0.666	-0.956	-1.363	-1.861	-2.337	-2.802	-3.206	-3.538	-3.806	-4.042
3191	31.90	-4.307	-4.679	-5.248	-6.074	-7.165	-8.448	-9.774	-10.947	-11.775	-12.121
3201	32.00	-11.961	-11.286	-10.270	-9.023	-7.649	-6.203	-4.707	-3.185	-1.699	-0.372
3211	32.10	0.638	1.185	1.198	0.726	-0.055	-0.883	-1.483	-1.647	-1.292	-0.474
3221	32.20	0.639	1.827	2.884	3.672	4.144	4.350	4.416	4.507	4.788	5.377
3231	32.30	6.310	7.511	8.793	9.904	10.598	10.722	10.287	9.483	8.633	8.070
3241	32.40	8.009	8.440	9.104	9.566	9.365	8.182	5.958	2.923	-0.487	-3.789
3251	32.50	-6.608	-8.777	-10.369	-11.503	-12.416	-13.169	-13.678	-13.771	-13.272	-12.117
3261	32.60	-10.408	-8.386	-6.340	-4.480	-2.855	-1.333	0.328	2.358	4.842	7.654
3271	32.70	10.667	12.852	14.621	14.960	14.496	13.288	11.730	10.222	9.040	8.275
3281	32.80	7.829	7.487	7.024	6.294	5.289	4.137	3.045	2.220	1.793	1.771
3291	32.90	2.035	2.372	2.536	2.309	1.551	0.225	-1.600	-3.767	-6.062	-8.250
3301	33.00	-10.120	-11.512	-12.347	-12.625	-12.415	-11.819	-10.937	-9.834	-8.531	-7.016
3311	33.10	-5.279	-3.347	-1.308	0.691	2.474	3.880	4.800	5.201	5.117	4.625
3321	33.20	3.811	2.760	1.550	0.275	-0.943	-1.949	-2.589	-2.745	-2.387	-1.594
3331	33.30	-0.540	0.558	1.502	2.174	2.559	2.727	2.788	2.839	2.924	3.041
3341	33.40	3.165	3.292	3.470	3.791	4.360	5.236	6.391	7.686	8.898	9.776
3351	33.50	10.107	9.791	8.761	7.166	5.133	2.818	0.354	-2.152	-4.604	-6.893
3361	33.60	-8.874	-10.371	-11.207	-11.250	-10.662	-8.931	-6.868	-4.573	-2.369	-0.534
3371	33.70	0.758	1.464	1.652	1.459	1.020	0.422	-0.324	-1.259	-2.428	-3.818
3381	33.80	-5.309	-6.680	-7.651	-7.968	-7.491	-6.254	-4.467	-2.462	-0.593	0.873
3391	33.90	1.827	2.335	2.589	2.821	3.203	3.783	4.477	5.106	5.482	5.481
3401	34.00	5.097	4.437	3.681	3.013	2.556	2.337	2.295	2.313	2.276	2.115
3411	34.10	1.827	1.465	1.106	0.810	0.597	0.434	0.252	-0.032	-0.482	-1.127
3421	34.20	-1.952	-2.901	-3.884	-4.790	-5.490	-5.860	-5.794	-5.233	-4.186	-2.747
3431	34.30	-1.084	0.590	2.064	3.176	3.865	4.067	3.892	3.381	2.581	1.516
3441	34.40	0.215	-1.242	-2.696	-3.903	-4.591	-4.538	-3.665	-2.087	-0.108	1.863
3451	34.50	3.429	4.326	4.492	4.059	3.279	2.405	1.591	0.867	0.062	-0.917
3461	34.60	-2.189	-3.730	-5.382	-6.907	-8.069	-8.716	-8.824	-8.489	-7.879	-7.160
3471	34.70	-6.448	-5.776	-5.113	-4.400	-3.581	-2.635	-1.581	-0.462	0.667	1.757
3481	34.80	2.769	3.678	4.469	5.135	5.683	6.136	6.518	6.871	7.221	7.579
3491	34.90	7.933	8.249	8.471	8.534	8.372	7.938	7.211	6.225	5.066	3.877

Table 7—29—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) I= 16.04 (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)
3501	35.00	2.822	2.052	1.647	1.581	1.714	1.824	1.474	1.089	0.022	-1.430
3511	35.10	-3.054	-4.599	-5.862	-6.757	-7.335	-7.756	-8.216	-8.865	-9.743	-10.763
3521	35.20	-11.739	-12.436	-12.645	-12.231	-11.159	-9.488	-7.344	-4.893	-2.306	0.257
3531	35.30	2.656	4.781	6.548	7.905	8.827	9.311	9.369	9.017	8.278	7.180
3541	35.40	5.772	4.137	2.392	0.680	-0.858	-2.115	-3.055	-3.720	-4.216	-4.684
3551	35.50	-5.148	-5.664	-6.110	-6.310	-6.088	-5.345	-4.121	-2.610	-1.106	0.088
3561	35.60	0.763	0.879	0.567	0.072	-0.357	-0.571	-0.571	-0.488	-0.502	-0.726
3571	35.70	-1.126	-1.515	-1.623	-1.212	-0.199	1.295	2.995	4.480	5.525	6.003
3581	35.80	6.014	5.801	5.633	5.681	5.958	6.330	6.602	6.625	6.327	5.946
3591	35.90	5.515	5.212	5.050	4.893	4.502	3.638	2.177	0.178	-2.109	-4.314
3601	36.00	-6.062	-7.081	-7.277	-6.740	-5.696	-4.426	-3.185	-2.141	-1.358	-0.807
3611	36.10	-0.405	-0.057	0.309	0.719	1.153	1.552	1.849	1.985	1.941	1.743
3621	36.20	1.462	1.193	1.031	1.042	1.251	1.644	2.172	2.779	3.408	4.012
3631	36.30	4.546	4.961	5.200	5.205	4.929	4.360	3.529	2.508	1.396	0.293
3641	36.40	-0.723	-1.608	-2.347	-2.944	-3.403	-3.718	-3.875	-3.871	-3.724	-3.494
3651	36.50	-3.270	-3.153	-3.224	-3.513	-3.980	-4.524	-5.007	-5.297	-5.307	-5.022
3661	36.60	-4.503	-3.857	-3.204	-2.625	-2.135	-1.679	-1.155	-0.461	0.454	1.559
3671	36.70	2.730	3.781	4.523	4.820	4.638	4.063	3.274	2.484	1.880	1.566
3681	36.80	1.541	1.714	1.951	2.135	2.214	2.212	2.220	2.361	2.640	3.101
3691	36.90	3.616	4.016	4.123	3.813	3.063	1.963	0.690	-0.546	-1.570	-2.288
3701	37.00	-2.706	-2.913	-3.034	-3.183	-3.421	-3.745	-4.103	-4.425	-4.654	-4.765
3711	37.10	-4.761	-4.659	-4.473	-4.204	-3.846	-3.406	-2.914	-2.435	-2.045	-1.812
3721	37.20	-1.758	-1.850	-1.999	-2.100	-2.059	-1.836	-1.445	-0.945	-0.397	0.164
3731	37.30	0.753	1.423	2.240	3.237	4.388	5.606	6.764	7.741	8.456	8.893
3741	37.40	9.087	9.094	8.950	8.638	8.095	7.229	5.972	4.319	2.353	0.232
3751	37.50	-1.848	-3.709	-5.237	-6.407	-7.276	-7.939	-8.486	-8.954	-9.310	-9.461
3761	37.60	-9.292	-8.716	-7.714	-6.356	-4.788	-3.199	-1.763	-0.591	0.302	1.003
3771	37.70	1.665	2.460	3.513	4.851	6.379	7.894	9.127	9.820	9.798	9.021
3781	37.80	7.599	5.768	3.822	2.033	0.587	-0.455	-1.152	-1.632	-2.035	-2.454
3791	37.90	-2.907	-3.348	-3.702	-3.912	-3.972	-3.925	-3.836	-3.753	-3.864	-3.498
3801	38.00	-3.150	-2.532	-1.635	-0.550	0.544	1.434	1.951	2.035	1.759	1.307
3811	38.10	0.905	0.740	0.894	1.323	1.890	2.423	2.785	2.920	2.857	2.675
3821	38.20	2.455	2.237	2.000	1.686	1.234	0.623	0.108	-0.872	-1.568	-2.119
3831	38.30	-2.508	-2.779	-3.016	-3.306	-3.706	-4.217	-4.790	-5.340	-5.766	-5.979
3841	38.40	-5.908	-5.514	-4.791	-3.781	-2.578	-1.325	-0.198	0.633	1.051	1.034
3851	38.50	0.668	0.131	-0.359	-0.611	-0.522	-0.097	0.564	1.314	2.021	2.617
3861	38.60	3.102	3.522	3.918	4.281	4.532	4.544	4.194	3.424	2.285	0.944
3871	38.70	-0.357	-1.369	-1.915	-1.963	-1.536	-0.879	-0.195	0.327	0.590	0.602
3881	38.80	0.453	0.266	0.136	0.087	0.061	-0.066	-0.423	-1.100	-2.091	-3.293
3891	38.90	-4.517	-5.542	-6.173	-6.291	-5.881	-5.022	-3.861	-2.565	-1.282	-0.120
3901	39.00	0.861	1.640	2.212	2.581	2.754	2.741	2.565	2.261	1.876	1.457
3911	39.10	1.043	0.662	0.329	0.052	-0.157	-0.283	-0.310	-0.224	-0.027	0.263
3921	39.20	0.612	0.978	1.318	1.597	1.786	1.863	1.807	1.603	1.245	0.747
3931	39.30	0.149	-0.485	-1.071	-1.529	-1.801	-1.864	-1.735	-1.454	-1.069	-0.609
3941	39.40	-0.076	0.552	1.300	2.171	3.127	4.084	4.934	5.581	5.968	6.107
3951	39.50	6.070	5.957	5.851	5.778	5.688	5.476	5.018	4.245	3.167	1.890
3961	39.60	0.583	-0.579	-1.475	-2.073	-2.427	-2.642	-2.820	-3.014	-3.218	-3.386
3971	39.70	-3.470	-3.461	-3.401	-3.360	-3.403	-3.540	-3.713	-3.812	-3.720	-3.365
3981	39.80	-2.755	-1.980	-1.171	-0.454	0.102	0.497	0.788	1.050	1.337	1.656
3991	39.90	1.978	2.255	2.459	2.590	2.680	2.767	2.873	2.988	3.073	3.074

Table 7—29—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1176 206-GR-1-67 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	2.945	2.866	2.226	1.665	0.932	0.101	-0.831	-1.828	-2.829	-3.757
4011	40.10	-4.534	-5.114	-5.699	-5.743	-5.932	-6.149	-6.437	-6.788	-7.134	-7.379
4021	40.20	-7.433	-7.237	-6.787	-6.126	-5.333	-4.496	-3.691	-2.959	-2.302	-1.677
4031	40.30	-1.010	-0.217	0.769	1.971	3.344	4.782	6.136	7.257	8.040	8.452
4041	40.40	8.530	8.358	8.019	7.554	6.944	6.128	5.048	3.697	2.153	0.582
4051	40.50	-0.805	-1.806	-2.293	-2.268	-1.761	-0.998	-0.156	0.592	1.125	1.387
4061	40.60	1.378	1.138	0.733	0.245	-0.233	-0.607	-0.793	-0.737	-0.425	0.100
4071	40.70	0.750	1.405	1.967	2.284	2.380	2.263	2.019	1.763	1.611	1.637
4081	40.80	1.849	2.183	2.519	2.719	2.676	2.357	1.818	1.194	0.655	0.344
4091	40.90	0.328	0.568	0.924	1.204	1.217	0.838	0.039	-1.103	-2.436	-3.770
4101	41.00	-4.934	-5.809	-6.351	-6.592	-6.622	-6.557	-6.502	-6.519	-6.599	-6.656
4111	41.10	-6.551	-6.123	-5.250	-3.889	-2.097	-0.025	2.123	4.149	5.913	7.352
4121	41.20	8.478	9.339	9.977	10.389	10.526	10.313	9.689	8.642	7.224	5.546
4131	41.30	3.742	1.938	0.223	-1.363	-2.813	-4.139	-5.369	-6.436	-7.377	-8.135
4141	41.40	-8.670	-8.946	-8.931	-8.610	-7.996	-7.126	-6.084	-4.993	-3.894	-2.932
4151	41.50	-2.077	-1.325	-0.592	0.188	1.034	1.891	2.633	3.102	3.172	2.798
4161	41.60	2.046	1.084	0.124	-0.640	-1.091	-1.218	-1.099	-0.856	-0.596	-0.371
4171	41.70	-0.164	0.088	0.448	0.939	1.514	2.064	2.447	2.538	2.264	1.638
4181	41.80	0.750	-0.250	-1.192	-1.923	-2.339	-2.404	-2.154	-1.689	-1.152	-0.695
4191	41.90	-0.444	-0.465	-0.742	-1.178	-1.617	-1.891	-1.876	-1.530	-0.914	-0.172
4201	42.00	0.519	1.009	1.229	1.209	1.067	0.951	0.987	1.223	1.621	2.071
4211	42.10	2.461	2.631	2.604	2.396	2.091	1.781	1.531	1.359	1.238	1.116
4221	42.20	0.938	0.668	0.292	-0.181	-0.725	-1.293	-1.818	-2.212	-2.375	-2.225
4231	42.30	-1.727	-0.927	0.047	1.006	1.754	2.149	2.148	1.826	1.337	0.857
4241	42.40	0.518	0.359	0.323	0.290	0.136	-0.207	-0.730	-1.337	-1.890	-2.248
4251	42.50	-2.313	-2.047	-1.473	-0.665	0.277	1.243	2.128	2.854	3.380	3.720
4261	42.60	3.936	4.120	4.354	4.670	5.018	5.272	5.265	4.861	4.020	2.831
4271	42.70	1.471	0.230	-0.603	-1.037	-1.057	-0.815	-0.513	-0.327	-0.349	-0.575
4281	42.80	-0.936	-1.358	-1.800	-2.273	-2.813	-3.436	-4.101	-4.710	-5.130	-5.257
4291	42.90	-5.059	-4.600	-4.021	-3.484	-3.114	-2.956	-2.969	-3.057	-3.107	-3.037
4301	43.00	-2.808	-2.423	-1.904	-1.270	-0.530	0.308	1.217	2.144	3.003	3.700
4311	43.10	4.158	4.361	4.271	4.018	3.684	3.368	3.141	3.028	2.997	2.964
4321	43.20	2.820	2.459	1.816	0.903	-0.176	-1.243	-2.086	-2.529	-2.493	-2.032
4331	43.30	-1.324	-0.610	-0.107	0.066	-0.068	-0.371	-0.653	-0.767	-0.676	-0.467
4341	43.40	-0.305	-0.351	-0.575	-1.219	-1.804	-2.213	-2.277	-1.955	-1.350	-0.670
4351	43.50	-0.144	0.064	-0.082	-0.486	-0.970	-1.342	-1.477	-1.353	-1.048	-0.708
4361	43.60	-0.478	-0.454	-0.641	-0.956	-1.251	-1.361	-1.159	-0.598	0.271	1.302
4371	43.70	2.299	3.068	3.475	3.489	3.181	2.698	2.203	1.820	1.596	1.506
4381	43.80	1.490	1.501	1.548	1.694	2.021	2.566	3.272	3.968	4.419	4.405
4391	43.90	3.817	2.716	1.323	-0.052	-1.132	-1.775	-2.035	-2.131	-2.357	-2.953
4401	44.00	-3.998	-5.373	-6.798	-7.934	-8.506	-8.386	-7.624	-6.409	-4.985	-3.561
4411	44.10	-2.256	-1.089	-0.016	1.017	2.025	2.965	3.749	4.284	4.507	4.415
4421	44.20	4.064	3.549	2.973	2.418	1.928	1.508	1.129	0.748	0.320	-0.180
4431	44.30	-0.751	-1.353	-1.915	-2.337	-2.519	-2.382	-1.902	-1.117	-0.133	0.902
4441	44.40	1.839	2.562	3.021	3.234	3.279	3.249	3.220	3.216	3.200	3.089
4451	44.50	2.778	2.186	1.282	0.106	-1.260	-2.613	-3.865	-4.878	-5.592	-6.009
4461	44.60	-6.182	-6.194	-6.118	-5.998	-5.833	-5.588	-5.217	-4.693	-4.029	-3.287
4471	44.70	-2.544	-1.952	-1.507	-1.214	-0.986	-0.686	-0.175	0.630	1.721	2.984
4481	44.80	4.223	5.220	5.803	5.896	5.546	4.901	4.155	3.482	2.979	2.666
4491	44.90	2.406	2.154	1.821	1.414	1.023	0.787	0.833	1.218	1.892	2.714

Table 7—29—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1176 206-GR-1-67 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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	3.491	4.051	4.302	4.255	4.014	3.725	3.512	3.430	3.444	3.453
4511	45.10	3.328	2.967	2.331	1.456	0.442	-0.583	-1.491	-2.179	-2.585	-2.687
4521	45.20	-2.499	-2.063	-1.437	-0.694	0.097	0.869	1.569	2.158	2.605	2.885
4531	45.30	2.976	2.862	2.562	2.036	1.387	0.668	-0.133	-0.932	-1.753	-2.618
4541	45.40	-3.543	-4.501	-5.409	-6.135	-6.529	-6.475	-5.937	-4.982	-3.766	-2.483
4551	45.50	-1.323	-0.406	0.234	0.639	0.888	1.062	1.210	1.337	1.418	1.418
4561	45.60	1.303	1.057	0.681	0.194	-0.362	-0.920	-1.386	-1.652	-1.621	-1.248
4571	45.70	-0.562	0.315	1.202	1.904	2.275	2.264	1.931	1.419	0.906	0.539
4581	45.80	0.398	0.487	0.752	1.119	1.524	1.925	2.289	2.580	2.737	2.685
4591	45.90	2.360	1.740	0.867	-0.151	-1.172	-2.063	-2.748	-3.232	-3.592	-3.950
4601	46.00	-4.414	-5.038	-5.792	-6.568	-7.204	-7.534	-7.429	-6.861	-5.812	-4.470
4611	46.10	-3.006	-1.622	-0.488	0.300	0.739	0.916	0.962	1.006	1.118	1.281
4621	46.20	1.398	1.333	0.975	0.300	-0.603	-1.544	-2.290	-2.661	-2.493	-1.878
4631	46.30	-0.941	0.108	1.061	1.767	2.159	2.235	2.036	1.597	0.954	0.133
4641	46.40	-0.822	-1.826	-2.751	-3.453	-3.807	-3.746	-3.280	-2.486	-1.473	-0.344
4651	46.50	0.830	2.011	3.175	4.279	5.246	5.970	6.351	6.339	5.961	5.327
4661	46.60	4.597	3.923	3.405	3.057	2.819	2.594	2.298	1.895	1.405	0.889
4671	46.70	0.417	0.039	-0.224	-0.377	-0.429	-0.391	-0.276	-0.113	0.035	0.077
4681	46.80	-0.081	-0.503	-1.162	-1.950	-2.693	-3.203	-3.350	-3.104	-2.546	-1.829
4691	46.90	-1.115	-0.515	-0.057	0.301	0.633	0.994	1.383	1.742	1.986	2.043
4701	47.00	1.882	1.523	1.018	0.431	-0.185	-0.783	-1.308	-1.684	-1.816	-1.613
4711	47.10	-1.028	-0.097	1.048	2.212	3.183	3.801	4.000	3.817	3.362	2.769
4721	47.20	2.142	1.537	0.963	0.413	-0.109	-0.579	-0.956	-1.210	-1.342	-1.391
4731	47.30	-1.413	-1.457	-1.534	-1.611	-1.631	-1.542	-1.333	-1.043	-0.756	-0.551
4741	47.40	-0.488	-0.557	-0.690	-0.778	-0.709	-0.507	0.147	0.906	1.777	2.636
4751	47.50	3.365	3.843	4.018	3.866	3.416	2.838	1.977	0.963	0.263	-0.475
4761	47.60	-1.129	-1.705	-2.207	-2.625	-2.932	-3.111	-3.171	-3.165	-3.185	-3.326
4771	47.70	-3.647	-4.132	-4.679	-5.125	-5.301	-5.093	-4.490	-3.592	-2.578	-1.643
4781	47.80	-0.934	-0.504	-0.308	-0.227	-0.126	0.099	0.488	1.014	1.602	2.166
4791	47.90	2.641	3.001	3.252	3.418	3.518	3.541	3.448	3.178	2.675	1.914
4801	48.00	0.926	-0.198	-1.325	-2.313	-3.052	-3.499	-3.685	-3.705	-3.669	-3.660
4811	48.10	-3.695	-3.714	-3.605	-3.252	-2.586	-1.620	-0.461	0.725	1.757	2.487
4821	48.20	2.847	2.848	2.577	2.165	1.757	1.481	1.450	1.644	2.103	2.726
4831	48.30	3.385	3.926	4.215	4.173	3.805	3.196	2.488	1.925	1.301	0.935
4841	48.40	0.669	0.410	0.077	-0.356	-0.844	-1.296	-1.614	-1.740	-1.676	-1.479
4851	48.50	-1.225	-0.968	-0.718	-0.441	-0.092	0.349	0.855	1.354	1.757	2.001
4861	48.60	2.079	2.039	1.963	1.920	1.933	1.970	1.967	1.868	1.664	1.408
4871	48.70	1.197	1.120	1.218	1.449	1.702	1.837	1.745	1.392	0.833	0.187
4881	48.80	-0.412	-0.870	-1.159	-1.320	-1.428	-1.558	-1.751	-2.006	-2.295	-2.580
4891	48.90	-2.833	-3.038	-3.173	-3.206	-3.081	-2.740	-2.150	-1.328	-0.357	0.633
4901	49.00	1.505	2.155	2.552	2.735	2.785	2.783	2.763	2.704	2.544	2.218
4911	49.10	1.704	1.043	0.330	-0.328	-0.851	-1.223	-1.490	-1.733	-2.018	-2.363
4921	49.20	-2.721	-3.004	-3.122	-3.026	-2.726	-2.291	-1.810	-1.359	-0.970	-0.630
4931	49.30	-0.301	0.052	0.437	0.829	1.179	1.441	1.582	1.597	1.493	1.281
4941	49.40	0.967	0.553	0.056	-0.486	-1.001	-1.403	-1.608	-1.566	-1.272	-0.769
4951	49.50	-0.126	0.582	1.288	1.963	2.497	2.898	3.084	3.001	2.630	2.005
4961	49.60	1.216	0.389	-0.357	-0.955	-1.415	-1.814	-2.257	-2.824	-3.527	-4.296
4971	49.70	-5.006	-5.523	-5.754	-5.672	-5.307	-4.718	-3.953	-3.027	-1.939	-0.697
4981	49.80	0.641	1.950	3.060	3.808	4.093	3.928	3.434	2.803	2.223	1.807
4991	49.90	1.560	1.384	1.134	0.684	-0.011	-0.901	-1.856	-2.724	-3.386	-3.796

Table 7—29—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1176 206-GR-1-47 HB. (HD.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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)
5001	50.00	-3.981	-4.017	-3.987	-3.941	-3.883	-3.778	-3.586	-3.289	-2.908	-2.502
5011	50.10	-2.140	-1.873	-1.703	-1.573	-1.388	-1.038	-0.441	0.425	1.513	2.714
5021	50.20	3.889	4.907	5.674	6.159	6.385	6.413	6.310	6.124	5.870	5.532
5031	50.30	5.080	4.489	3.756	2.907	1.984	1.035	0.100	-0.793	-1.625	-2.374
5041	50.40	-3.003	-3.463	-3.698	-3.668	-3.368	-2.839	-2.169	-1.468	-0.865	-0.374
5051	50.50	-0.078	0.075	0.151	0.228	0.366	0.586	0.866	1.151	1.386	1.526
5061	50.60	1.576	1.573	1.582	1.667	1.865	2.167	2.523	2.860	3.107	3.226
5071	50.70	3.218	3.115	2.958	2.760	2.498	2.114	1.539	0.759	-0.262	-1.368
5081	50.80	-2.434	-3.313	-3.897	-4.155	-4.132	-3.928	-3.652	-3.384	-3.158	-2.967
5091	50.90	-2.786	-2.604	-2.434	-2.305	-2.246	-2.256	-2.291	-2.282	-2.149	-1.861
5101	51.00	-1.368	-0.699	0.052	0.851	1.666	2.477	3.269	4.007	4.639	5.059
5111	51.10	5.226	5.101	4.707	4.113	3.403	2.643	1.855	1.024	0.119	-0.858
5121	51.20	-1.846	-2.724	-3.340	-3.568	-3.361	-2.772	-1.967	-1.075	-0.331	0.171
5131	51.30	0.402	0.402	0.249	0.024	-0.209	-0.407	-0.539	-0.580	-0.517	-0.362
5141	51.40	-0.167	-0.027	-0.054	-0.333	-0.875	-1.596	-2.328	-2.872	-3.070	-2.867
5151	51.50	-2.335	-1.645	-0.999	-0.553	-0.354	-0.337	-0.359	-0.273	0.004	0.458
5161	51.60	0.984	1.442	1.719	1.782	1.690	1.567	1.551	1.737	2.149	2.732
5171	51.70	3.383	3.987	4.448	4.704	4.725	4.501	4.034	3.332	2.422	1.357
5181	51.80	0.219	-0.890	-1.872	-2.656	-3.218	-3.588	-3.835	-4.046	-4.295	-4.626
5191	51.90	-5.033	-5.468	-5.849	-6.083	-6.084	-5.794	-5.197	-4.326	-3.257	-2.095
5201	52.00	-0.954	0.073	0.928	1.598	2.110	2.517	2.874	3.221	3.575	3.929
5211	52.10	4.258	4.533	4.724	4.807	4.765	4.593	4.292	3.882	3.394	2.871
5221	52.20	2.355	1.880	1.456	1.075	0.714	0.350	-0.024	-0.395	-0.735	-1.014
5231	52.30	-1.221	-1.372	-1.513	-1.698	-1.967	-2.323	-2.724	-3.086	-3.314	-3.331
5241	52.40	-3.101	-2.666	-2.036	-1.365	-0.725	-0.180	0.249	0.577	0.845	1.099
5251	52.50	1.370	1.667	1.974	2.256	2.478	2.613	2.651	2.601	2.487	2.335
5261	52.60	2.163	1.976	1.766	1.515	1.206	0.834	0.407	-0.059	-0.541	-1.028
5271	52.70	-1.520	-2.027	-2.563	-3.128	-3.702	-4.241	-4.686	-4.970	-5.053	-4.917
5281	52.80	-4.573	-4.054	-3.404	-2.666	-1.874	-1.059	-0.250	0.520	1.213	1.796
5291	52.90	2.252	2.585	2.821	3.002	3.167	3.335	3.498	3.622	3.659	3.563
5301	53.00	3.307	2.890	2.337	1.684	0.977	0.256	-0.441	-1.079	-1.620	-2.035
5311	53.10	-2.306	-2.441	-2.471	-2.449	-2.427	-2.433	-2.453	-2.430	-2.280	-1.929
5321	53.20	-1.345	-0.566	0.304	1.121	1.748	2.099	2.169	2.030	1.799	1.595
5331	53.30	1.492	1.505	1.586	1.664	1.678	1.609	1.487	1.374	1.335	1.404
5341	53.40	1.566	1.757	1.891	1.892	1.723	1.396	0.973	0.533	0.147	-0.155
5351	53.50	-0.393	-0.635	-0.970	-1.478	-2.198	-3.103	-4.100	-5.050	-5.801	-6.228
5361	53.60	-6.270	-5.946	-5.339	-4.573	-3.764	-2.989	-2.265	-1.559	-0.816	0.004
5371	53.70	0.889	1.773	2.553	3.124	3.427	3.472	3.341	3.162	3.060	3.115
5381	53.80	3.327	3.619	3.864	3.929	3.724	3.228	2.497	1.644	0.797	0.060
5391	53.90	-0.512	-0.924	-1.230	-1.501	-1.798	-2.147	-2.529	-2.891	-3.165	-3.291
5401	54.00	-3.244	-3.037	-2.716	-2.349	-1.999	-1.711	-1.501	-1.360	-1.261	-1.172
5411	54.10	-1.072	-0.947	-0.798	-0.626	-0.428	-0.194	0.093	0.454	0.900	1.431
5421	54.20	2.029	2.661	3.279	3.835	4.283	4.589	4.736	4.719	4.552	4.252
5431	54.30	3.841	3.337	2.750	2.084	1.341	0.524	-0.352	-1.258	-2.148	-2.962
5441	54.40	-3.636	-4.111	-4.346	-4.327	-4.071	-3.625	-3.054	-2.427	-1.800	-1.203
5451	54.50	-0.642	-0.099	0.449	1.017	1.564	2.165	2.616	2.953	3.117	3.104
5461	54.60	2.943	2.689	2.402	2.134	1.905	1.707	1.506	1.255	0.915	0.470
5471	54.70	-0.068	-0.658	-1.236	-1.734	-2.092	-2.278	-2.294	-2.177	-1.990	-1.802
5481	54.80	-1.663	-1.590	-1.560	-1.522	-1.420	-1.228	-0.971	-0.728	-0.617	-0.750
5491	54.90	-1.196	-1.940	-2.878	-3.840	-4.634	-5.107	-5.182	-4.885	-4.322	-3.642

Table 7—29—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1176 206-GR-1-47 HB. (HB.) OMIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) T= 16.04 (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)
5501	55.00	-2.985	-2.436	-2.002	-1.628	-1.221	-0.701	-0.034	0.752	1.570	2.311
5511	55.10	2.874	3.207	3.316	3.261	3.131	3.011	2.958	2.985	3.069	3.166
5521	55.20	3.236	3.094	3.224	3.353	3.054	2.931	2.779	2.593	2.385	2.189
5531	55.30	2.057	2.041	2.164	2.400	2.664	2.832	2.771	2.383	1.639	0.588
5541	55.40	-0.654	-1.940	-3.133	-4.139	-4.918	-5.475	-5.839	-6.035	-6.069	-5.926
5551	55.50	-5.584	-5.035	-4.297	-3.424	-2.491	-1.578	-0.753	-0.052	0.518	0.978
5561	55.60	1.360	1.694	2.000	2.284	2.539	2.751	2.905	2.993	3.016	2.988
5571	55.70	2.930	2.869	2.829	2.820	2.832	2.832	2.771	2.594	2.268	1.790
5581	55.80	1.204	0.583	0.017	-0.425	-0.717	-0.890	-1.019	-1.191	-1.474	-1.878
5591	55.90	-2.353	-2.801	-3.120	-3.242	-3.165	-2.953	-2.708	-2.528	-2.460	-2.485
5601	56.00	-2.524	-2.474	-2.260	-1.870	-1.359	-0.832	-0.396	-0.117	0.008	0.044
5611	56.10	0.087	0.215	0.458	0.778	1.093	1.310	1.371	1.279	1.098	0.935
5621	56.20	0.895	1.047	1.401	1.901	2.453	2.951	3.307	3.482	3.485	3.369
5631	56.30	3.211	3.083	3.031	3.061	3.139	3.202	3.183	3.039	2.767	2.410
5641	56.40	2.041	1.736	1.540	1.447	1.398	1.301	1.064	0.639	0.044	-0.632
5651	56.50	-1.252	-1.676	-1.797	-1.580	-1.069	-0.379	0.340	0.940	1.309	1.401
5661	56.60	1.240	0.905	0.514	0.179	-0.018	-0.058	0.017	0.315	0.126	-0.031
5671	56.70	-0.384	-0.883	-1.428	-1.896	-2.195	-2.300	-2.261	-2.186	-2.190	-2.348
5681	56.80	-2.658	-3.036	-3.350	-3.472	-3.324	-2.914	-2.333	-1.717	-1.207	-0.899
5691	56.90	-0.824	-0.949	-1.204	-1.512	-1.816	-2.086	-2.318	-2.515	-2.672	-2.770
5701	57.00	-2.776	-2.658	-2.399	-2.001	-1.498	-0.937	-0.373	0.152	0.621	1.049
5711	57.10	1.472	1.932	2.453	3.021	3.578	4.029	4.274	4.244	3.931	3.400
5721	57.20	2.769	2.170	1.693	1.358	1.106	0.830	0.431	-0.126	-0.792	-1.444
5731	57.30	-1.936	-2.169	-2.138	-1.941	-1.741	-1.692	-1.868	-2.225	-2.604	-2.802
5741	57.40	-2.641	-2.053	-1.097	0.052	1.176	2.083	2.671	2.947	2.999	2.953
5751	57.50	2.914	2.928	2.981	3.012	2.950	2.741	2.371	1.861	1.256	0.612
5761	57.60	-0.027	-0.629	-1.179	-1.677	-2.124	-2.523	-2.863	-3.128	-3.289	-3.322
5771	57.70	-3.217	-2.990	-2.688	-2.382	-2.143	-2.024	-2.029	-2.114	-2.195	-2.174
5781	57.80	-1.971	-1.556	-0.947	-0.208	0.581	1.350	2.057	2.687	3.240	3.711
5791	57.90	4.073	4.279	4.271	4.004	3.466	2.694	1.770	0.801	-0.104	-0.865
5801	58.00	-1.445	-1.858	-2.156	-2.407	-2.674	-2.989	-3.347	-3.708	-4.008	-4.189
5811	58.10	-4.209	-4.064	-3.787	-3.434	-3.068	-2.740	-2.473	-2.244	-2.085	-1.899
5821	58.20	-1.672	-1.380	-1.018	-0.600	-0.154	0.276	0.642	0.901	1.025	1.015
5831	58.30	0.908	0.772	0.689	0.730	0.924	1.247	1.620	1.932	2.080	2.002
5841	58.40	1.703	1.253	0.764	0.354	0.108	0.051	0.150	0.327	0.493	0.576
5851	58.50	0.545	0.414	0.228	0.045	-0.091	-0.165	-0.196	-0.230	-0.319	-0.497
5861	58.60	-0.762	-1.067	-1.323	-1.430	-1.305	-0.916	-0.303	0.429	1.134	1.671
5871	58.70	1.949	1.956	1.760	1.492	1.290	1.252	1.403	1.690	2.003	2.226
5881	58.80	2.277	2.149	1.907	1.662	1.533	1.594	1.846	2.220	2.597	2.853
5891	58.90	2.906	2.736	2.390	1.954	1.521	1.149	0.849	0.586	0.309	-0.019
5901	59.00	-0.397	-0.784	-1.111	-1.319	-1.379	-1.309	-1.161	-0.996	-0.852	-0.731
5911	59.10	-0.600	-0.421	-0.182	0.084	0.295	0.355	0.196	-0.185	-0.712	-1.250
5921	59.20	-1.654	-1.821	-1.735	-1.465	-1.140	-0.888	-0.782	-0.808	-0.869	-0.826
5931	59.30	-0.562	-0.026	0.733	1.585	2.356	2.881	3.069	2.911	2.478	1.898
5941	59.40	1.300	0.789	0.411	0.158	-0.016	-0.171	-0.355	-0.587	-0.855	-1.122
5951	59.50	-1.342	-1.482	-1.529	-1.496	-1.420	-1.348	-1.318	-1.350	-1.436	-1.540
5961	59.60	-1.609	-1.588	-1.442	-1.162	-0.777	-0.342	0.073	0.404	0.611	0.691
5971	59.70	0.673	0.609	0.560	0.575	0.685	0.898	1.202	1.581	2.012	2.471
5981	59.80	2.926	3.333	3.637	3.781	3.723	3.453	3.006	2.457	1.902	1.433
5991	59.90	1.109	0.940	0.890	0.893	0.882	0.810	0.663	0.459	0.236	0.028

Table 7—29—13 TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1175 206-GR-1-47 HB. (HB.) OHIGAWA BRIDGE MAX. ACC. = -31.904 (GAL) I= 16.04 (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)
6001	60.00	-0.126	-0.204	-0.194	-0.086	0.121	0.418	0.778	1.157	1.500	1.756
6011	60.10	1.895	1.917	1.852	1.739	1.612	1.481	1.327	1.119	0.835	0.478
6021	60.20	0.085	-0.287	-0.583	-0.780	-0.899	-0.998	-1.146	-1.386	-1.716	-2.075
6031	60.30	-2.376	-2.528	-2.695	-2.300	-2.026	-1.786	-1.673	-1.722	-1.900	-2.110
6041	60.40	-2.237	-2.192	-1.945	-1.531	-1.038	-0.561	-0.170	0.114	0.316	0.480
6051	60.50	0.636	0.772	0.836	0.757	0.484	0.029	-0.524	-1.031	-1.333	-1.310
6061	60.60	-0.927	-0.253	0.560	1.324	1.868	2.080	1.974	1.580	1.019	0.406
6071	60.70	-0.165	-0.643	-1.012	-1.291	-1.509	-1.700	-1.886	-2.077	-2.265	-2.422
6081	60.80	-2.513	-2.504	-2.388	-2.191	-1.976	-1.829	-1.823	-1.987	-2.286	-2.625
6091	60.90	-2.884	-2.962	-2.827	-2.530	-2.194	-1.960	-1.934	-2.138	-2.503	-2.898
6101	61.00	-3.184	-3.271	-3.152	-2.898	-2.623	-2.427	-2.355	-2.376	-2.408	-2.352
6111	61.10	-2.138	-1.753	-1.245	-0.699	-0.206	0.166	0.389	0.468	0.428	0.295
6121	61.20	0.089	-0.176	-0.481	-0.792	-1.060	-1.225	-1.241	-1.093	-0.812	-0.472
6131	61.30	-0.179	-0.034	-0.102	-0.390	-0.838	-1.339	-1.772	-2.068	-2.138	-2.080
6141	61.40	-1.960	-1.868	-1.852	-1.893	-1.900	-1.751	-1.342	-0.642	0.285	1.293

Table 7—30—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-0.798	-0.219	1.175	2.921	4.259	4.446	3.103	0.427	-2.825	-5.605
11	0.10	-6.970	-6.457	-4.267	-1.189	1.709	3.477	3.623	2.264	0.033	-2.191
21	0.20	-5.621	-3.841	-2.913	-1.319	0.261	1.214	1.221	0.358	-0.940	-2.061
31	0.30	-2.451	-1.835	-0.329	1.587	3.244	4.037	3.666	2.265	0.358	-1.339
41	0.40	-2.195	-1.916	-0.659	1.038	2.480	3.102	2.685	1.436	-0.126	-1.375
51	0.50	-1.868	-1.400	-0.239	1.186	2.359	2.896	2.637	1.667	0.252	-1.275
61	0.60	-2.608	-3.537	-3.971	-3.928	-3.509	-2.867	-2.157	-1.509	-0.990	-0.602
71	0.70	-0.295	-0.006	0.295	0.586	0.786	0.811	0.606	0.188	-0.349	-0.866
81	0.80	-1.226	-1.361	-1.190	-0.813	-0.286	0.298	0.842	1.250	1.438	1.359
91	0.90	1.040	0.603	0.253	0.204	0.584	1.350	2.260	2.952	3.090	2.525
101	1.00	1.391	0.076	-0.936	-1.278	-0.872	0.025	0.941	1.413	1.204	0.415
111	1.10	-0.576	-1.319	-1.532	-1.244	-0.787	-0.608	-1.022	-2.012	-3.206	-4.030
121	1.20	-3.976	-2.861	-0.935	1.197	2.820	3.403	2.804	1.316	-0.480	-1.952
131	1.30	-2.668	-2.524	-1.745	-0.744	0.063	0.418	0.303	-0.083	-0.416	-0.378
141	1.40	0.229	1.399	2.911	4.373	5.331	5.405	4.436	2.568	0.253	-1.873
151	1.50	-3.178	-3.267	-2.130	-0.172	1.921	3.423	3.828	3.026	1.320	-0.716
161	1.60	-2.466	-3.503	-3.712	-3.277	-2.546	-1.854	-1.393	-1.173	-1.074	-0.953
171	1.70	-0.733	-0.427	-0.105	0.182	0.439	0.732	1.130	1.638	2.159	2.524
181	1.80	2.576	2.261	1.676	1.035	0.574	0.422	0.528	0.678	0.596	0.101
191	1.90	-0.789	-1.833	-2.660	-2.933	-2.501	-1.471	-0.155	1.061	1.875	2.174
201	2.00	2.028	1.607	1.064	0.466	-0.190	-0.895	-1.539	-1.885	-1.651	-0.668
211	2.10	0.972	2.857	4.369	4.919	4.214	2.429	0.163	-1.787	-2.777	-2.601
221	2.20	-1.586	-0.427	0.154	-0.227	-1.408	-2.738	-3.385	-2.739	-0.736	2.069
231	2.30	4.718	6.243	6.080	4.292	1.525	-1.274	-3.248	-3.938	-3.398	-2.083
241	2.40	-0.602	0.546	1.116	1.116	0.700	0.027	-0.803	-1.732	-2.668	-3.427
251	2.50	-3.751	-3.415	-2.363	-0.794	0.862	2.095	2.557	2.083	1.033	-0.110
261	2.60	-0.869	-0.850	-0.150	0.914	1.870	2.333	2.184	1.605	0.977	0.683
271	2.70	0.911	1.559	2.277	2.623	2.262	1.119	-0.581	-2.399	-3.850	-4.577
281	2.80	-4.464	-3.652	-2.445	-1.177	-0.087	0.745	1.365	1.864	2.267	2.480
291	2.90	2.303	1.529	0.075	-1.909	-4.024	-5.716	-6.457	-5.955	-4.286	-1.904
301	3.00	0.509	2.282	3.011	2.703	1.758	0.779	0.294	0.517	1.244	1.967
311	3.10	2.031	1.135	-0.649	-2.754	-4.333	-4.594	-3.138	-0.166	3.562	6.975
321	3.20	9.071	9.270	7.594	4.626	1.262	-1.627	-3.674	-4.148	-3.856	-3.129
331	3.30	-2.219	-1.329	-0.415	0.656	1.928	3.229	4.167	4.266	3.183	0.923
341	3.40	-2.074	-5.013	-6.983	-7.262	-5.689	-2.595	1.090	4.220	5.791	5.295
351	3.50	2.912	-0.562	-3.860	-5.956	-6.062	-4.182	-0.987	2.404	4.827	5.489
361	3.60	4.224	1.523	-1.691	-4.622	-5.944	-6.009	-4.816	-2.822	-0.483	1.917
371	3.70	4.277	6.550	8.448	9.550	9.209	6.941	2.756	-2.630	-7.881	-11.444
381	3.80	-12.146	-9.723	-5.024	0.246	4.162	5.359	3.591	-0.163	-4.136	-6.546
391	3.90	-6.369	-3.766	0.033	3.318	4.691	3.679	0.897	-2.293	-4.460	-4.762
401	4.00	-3.286	-0.922	1.132	1.982	1.434	0.009	-1.409	-2.079	-1.788	-0.904
411	4.10	-0.092	0.137	-0.227	-0.653	-0.377	1.101	3.608	6.228	7.644	6.763
421	4.20	3.321	-1.837	-6.982	-10.157	-9.995	-6.334	-0.341	5.918	10.283	11.340
431	4.30	8.933	4.156	-1.161	-5.217	-6.922	-6.224	-3.971	-1.426	0.332	0.826
441	4.40	0.276	-0.662	-1.212	-1.054	-0.276	0.636	1.122	0.866	-0.027	-1.088
451	4.50	-1.725	-1.528	-0.477	1.039	2.404	3.055	2.732	1.575	0.036	-1.369
461	4.60	-2.178	-2.341	-2.004	-1.463	-0.964	-0.579	-0.203	0.323	1.058	1.856
471	4.70	2.387	2.294	1.386	-0.203	-2.016	-3.425	-3.896	-3.226	-1.643	0.286
481	4.80	1.900	2.734	2.704	2.107	1.429	1.063	1.087	1.212	0.947	-0.102
491	4.90	-1.959	-4.163	-5.901	-6.337	-4.988	-1.980	1.961	5.767	8.438	9.416

Table 7—30—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	8.755	7.023	5.005	3.345	2.308	1.759	1.338	0.724	-0.172	-1.171
511	5.10	-1.971	-2.356	-2.356	-2.223	-2.284	-2.684	-3.237	-3.455	-2.778	-0.900
521	5.20	1.980	5.124	7.491	8.158	6.740	3.613	-0.169	-3.265	-4.453	-3.251
531	5.30	0.098	4.653	9.161	12.492	13.972	13.518	11.566	8.731	5.773	3.195
541	5.40	1.285	0.122	-0.352	-0.271	0.205	0.903	1.655	2.319	2.802	3.073
551	5.50	3.152	3.093	2.958	2.816	2.740	2.814	3.102	3.598	4.169	4.541
561	5.60	4.366	3.364	1.502	-0.890	-3.147	-4.461	-4.188	-2.144	1.257	5.091
571	5.70	8.235	9.751	9.197	6.715	2.876	-1.625	-6.249	-10.730	-14.979	-18.853
581	5.80	-21.960	-23.656	-23.266	-20.478	-15.665	-9.943	-4.917	-2.147	-2.594	-6.287
591	5.90	-12.375	-19.537	-26.530	-32.615	-37.630	-41.715	-44.838	-46.445	-45.455	-40.662
601	6.00	-31.387	-18.041	-2.299	13.274	26.006	34.003	36.731	35.047	30.683	25.444
611	6.10	20.507	16.140	11.950	7.486	2.833	-1.137	-3.033	-1.609	3.479	11.252
621	6.20	19.540	25.691	27.542	24.264	16.699	7.040	-1.993	-8.131	-10.286	-8.743
631	6.30	-4.799	-0.042	4.373	8.137	11.732	15.966	21.351	27.608	33.541	37.335
641	6.40	37.166	31.875	21.453	7.196	-8.792	-23.789	-35.517	-42.480	-44.220	-41.217
651	6.50	-34.525	-25.343	-14.689	-3.298	8.239	19.225	28.640	35.135	37.284	34.057
661	6.60	25.282	11.945	-3.879	-19.470	-32.144	-39.963	-42.190	-39.368	-32.986	-24.901
671	6.70	-16.725	-9.404	-3.104	2.603	8.359	14.613	21.323	27.861	33.119	35.793
681	6.80	34.744	29.383	19.953	7.650	-5.510	-17.066	-24.678	-26.736	-22.824	-13.880
691	6.90	-1.979	10.205	20.072	25.699	26.204	21.800	13.601	3.310	-7.115	-15.735
701	7.00	-20.903	-21.538	-17.420	-9.406	0.587	9.917	15.883	16.536	11.325	1.324
711	7.10	-11.116	-23.142	-32.315	-37.251	-37.768	-34.524	-28.391	-19.963	-9.444	3.017
721	7.20	16.796	30.426	41.683	48.181	48.209	41.415	28.960	13.075	-3.774	-19.647
731	7.30	-33.458	-44.703	-52.836	-56.740	-54.714	-45.120	-27.433	-5.139	24.074	49.084
741	7.40	66.851	74.057	70.160	57.389	39.702	21.211	4.813	-8.383	-18.669	-26.726
751	7.50	-32.631	-35.459	-33.732	-26.431	-14.007	1.227	15.621	25.438	28.274	23.972
761	7.60	14.610	3.584	-5.772	-11.408	-13.077	-12.040	-10.172	-8.979	-8.995	-9.783
771	7.70	-10.427	-10.185	-8.925	-7.153	-5.669	-5.091	-5.541	-6.636	-7.765	-8.451
781	7.80	-8.587	-8.308	-8.424	-8.572	-8.231	-6.783	-3.806	0.743	6.516	
791	7.90	12.915	19.276	24.975	29.400	31.858	31.536	27.610	19.560	7.559	-7.218
801	8.00	-22.572	-35.628	-43.508	-44.125	-36.837	-22.737	-4.444	14.515	30.573	40.958
811	8.10	44.266	40.639	31.546	19.281	6.358	-5.035	-13.394	-18.040	-19.083	-17.249
821	8.20	-13.671	-9.645	-6.398	-4.854	-5.442	-7.972	-11.652	-15.258	-17.455	-17.174
831	8.30	-13.925	-7.936	-0.053	8.528	16.632	23.375	28.270	31.131	31.877	30.368
841	8.40	26.402	19.888	11.124	1.011	-8.950	-16.954	-21.399	-21.438	-17.333	-10.453
851	8.50	-2.887	3.200	6.239	5.720	2.268	-2.651	-7.301	-10.280	-10.974	-9.691
861	8.60	-7.479	-5.695	-5.493	-7.410	-11.169	-15.768	-19.794	-21.861	-21.018	-16.997
871	8.70	-10.227	-1.644	7.605	16.447	24.026	29.709	32.988	33.402	30.590	24.480
881	8.80	15.551	4.999	-5.340	-13.380	-17.386	-16.580	-11.689	-5.849	3.932	9.575
891	8.90	11.672	10.081	5.835	0.613	-3.962	-6.901	-8.063	-7.967	-7.345	-6.681
901	9.00	-5.987	-4.893	-2.974	-0.121	3.270	6.397	8.394	8.735	7.486	5.280
911	9.10	3.003	1.366	0.556	0.148	-0.655	-2.601	-5.937	-10.169	-14.133	-16.360
921	9.20	-15.601	-11.292	-3.800	5.641	15.251	23.163	27.875	28.544	25.108	18.227
931	9.30	9.111	-0.705	-9.598	-16.103	-19.155	-18.321	-13.947	-7.178	0.222	6.262
941	9.40	9.105	7.766	2.111	-6.816	-17.255	-27.109	-34.446	-37.890	-36.804	-31.263
951	9.50	-21.904	-9.765	3.824	17.290	28.900	36.941	40.030	37.497	29.674	17.946
961	9.60	4.470	-8.373	-18.618	-25.177	-27.967	-27.644	-25.097	-20.968	-15.412	-8.245
971	9.70	0.641	10.804	21.008	29.387	33.962	33.346	27.295	16.895	4.260	-7.985
981	9.80	-17.609	-23.112	-24.031	-20.811	-14.497	-6.416	2.055	9.606	15.083	17.620
991	9.90	16.823	12.951	6.963	0.327	-5.378	-8.962	-10.006	-8.960	-6.892	-5.004

Table 7—30—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1177 S03-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-4.122	-4.390	-5.506	-6.061	-5.996	-4.949	-3.326	-1.863	-1.227	-1.652
1011	10.10	-2.805	-3.933	-4.243	-3.262	-1.062	1.789	4.504	6.431	7.319	7.361
1021	10.20	7.040	6.849	7.056	7.617	8.267	8.713	8.822	8.679	8.504	8.463
1031	10.30	8.507	8.319	7.436	5.479	2.395	-1.411	-5.145	-7.858	-8.774	-7.569
1041	10.40	-4.495	-0.303	3.991	7.410	9.251	9.216	7.383	4.102	-0.131	-4.763
1051	10.50	-9.215	-12.880	-15.165	-15.573	-13.857	-10.156	-5.063	0.536	5.504	8.961
1061	10.60	10.439	10.035	8.363	6.213	4.433	3.673	3.378	3.851	4.666	4.885
1071	10.70	5.019	4.988	4.967	5.097	5.160	4.804	3.609	1.333	-1.902	-5.573
1081	10.80	-8.893	-11.073	-11.596	-10.389	-7.832	-4.596	-1.403	1.195	2.932	3.808
1091	10.90	3.978	3.616	2.834	1.679	0.191	-1.532	-3.316	-4.959	-6.311	-7.340
1101	11.00	-8.134	-8.826	-9.477	-9.979	-10.051	-9.323	-7.510	-4.571	-0.794	3.248
1111	11.10	6.846	9.353	10.356	9.740	7.664	4.463	0.566	-3.649	-7.666	-10.995
1121	11.20	-13.106	-13.520	-11.950	-8.451	-3.489	2.112	7.352	11.314	13.398	13.454
1131	11.30	11.768	8.926	5.821	2.475	-0.055	-1.700	-2.351	-2.020	-0.824	1.022
1141	11.40	3.216	5.415	7.203	8.669	9.423	9.564	9.086	7.901	5.823	2.662
1151	11.50	-1.600	-6.642	-11.724	-15.799	-17.788	-16.938	-13.132	-7.008	0.166	6.837
1161	11.60	11.602	13.591	12.667	9.394	4.816	0.122	-3.672	-5.970	-6.698	-6.272
1171	11.70	-5.451	-5.095	-5.877	-8.022	-11.149	-14.287	-16.117	-15.376	-11.327	-4.108
1181	11.80	5.175	14.684	22.353	26.481	26.202	21.678	13.951	4.566	-4.881	-13.075
1191	11.90	-19.118	-22.486	-22.922	-20.384	-15.094	-7.659	0.880	9.145	15.725	19.563
1201	12.00	20.274	18.234	14.364	9.714	5.037	0.574	-3.846	-8.445	-13.071	-16.982
1211	12.10	-18.982	-17.908	-13.253	-5.610	3.303	11.112	15.590	15.472	10.926	3.492
1221	12.20	-4.489	-10.711	-13.641	-12.895	-9.145	-3.665	2.218	7.516	11.667	14.379
1231	12.30	15.384	14.316	10.822	4.859	-3.004	-11.486	-18.811	-23.221	-23.572	-19.756
1241	12.40	-12.759	-4.311	3.735	10.005	13.958	15.846	16.336	16.010	14.992	12.902
1251	12.50	9.132	3.317	-4.255	-12.502	-19.779	-24.380	-25.122	-21.767	-14.999	-6.351
1261	12.60	2.488	10.066	15.514	18.591	19.514	18.678	16.441	13.039	8.668	5.613
1271	12.70	-1.663	-6.144	-10.099	-12.087	-12.216	-10.684	-7.991	-4.777	-1.629	1.035
1281	12.80	3.005	4.230	4.768	4.640	4.019	3.056	1.993	1.118	0.693	0.862
1291	12.90	1.580	2.614	3.618	4.249	4.295	3.745	2.786	1.734	0.927	0.629
1301	13.00	0.975	1.953	3.429	5.181	6.936	8.402	9.310	9.457	8.757	7.276
1311	13.10	5.236	2.972	0.860	-0.777	-1.735	-1.965	-1.553	-0.683	0.425	1.544
1321	13.20	2.472	3.033	3.094	2.581	1.511	0.011	-1.486	-3.276	-4.455	-4.989
1331	13.30	-4.777	-3.878	-2.193	-0.875	0.585	1.593	1.913	1.437	0.211	-1.560
1341	13.40	-3.538	-5.335	-6.612	-7.185	-7.084	-6.541	-5.896	-5.456	-5.364	-5.544
1351	13.50	-5.738	-5.647	-5.089	-4.115	-3.010	-2.183	-1.976	-2.498	-3.548	-4.683
1361	13.60	-5.391	-5.307	-4.357	-2.787	-1.046	0.394	1.228	1.406	1.111	0.642
1371	13.70	0.269	0.137	0.244	0.497	0.799	1.113	1.464	1.893	2.390	2.853
1381	13.80	3.095	2.902	2.109	0.652	-1.415	-3.941	-6.717	-9.502	-12.029	-14.004
1391	13.90	-15.117	-15.096	-13.777	-11.185	-7.564	-3.345	0.964	4.904	8.174	10.658
1401	14.00	12.370	13.356	13.598	12.992	11.612	8.832	5.447	1.713	-1.724	-4.192
1411	14.10	-5.196	-4.577	-2.569	0.375	3.558	6.420	8.575	9.873	10.349	10.136
1421	14.20	9.374	8.168	6.592	4.732	2.722	0.757	-0.963	-2.180	-2.843	-2.950
1431	14.30	-2.644	-2.163	-1.775	-1.696	-2.025	-2.701	-3.512	-4.150	-4.316	-3.830
1441	14.40	-2.720	-1.242	0.180	1.098	1.200	0.445	-0.902	-2.346	-3.326	-3.410
1451	14.50	-2.445	-0.600	1.713	3.987	5.802	6.944	7.432	7.455	7.258	7.021
1461	14.60	6.793	6.496	5.972	5.086	3.780	2.142	0.384	-1.192	-2.264	-2.585
1471	14.70	-2.061	-0.808	0.842	2.408	3.383	3.390	2.323	0.409	-1.836	-3.766
1481	14.80	-4.809	-4.672	-3.437	-1.534	0.417	1.821	2.300	1.796	0.546	-1.032
1491	14.90	-2.505	-3.550	-4.020	-3.928	-3.392	-2.569	-1.622	-0.709	0.015	0.417

Table 7—30—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1177 S03-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	0.425	0.078	-0.446	-0.855	-0.838	-0.186	1.093	2.735	4.280	5.220
1511	15.10	5.181	4.067	2.104	-0.233	-2.384	-3.895	-4.557	-4.452	-3.891	-3.283
1521	15.20	-2.986	-3.198	-3.922	-4.996	-6.170	-7.185	-7.835	-7.996	-7.621	-6.734
1531	15.30	-5.422	-3.830	-2.155	-0.630	0.512	1.085	1.090	0.293	-0.860	-2.180
1541	15.40	-3.338	-4.026	-4.035	-3.313	-1.992	-0.376	1.117	2.059	2.125	1.192
1551	15.50	-0.598	-2.867	-5.095	-6.773	-7.559	-7.381	-6.444	-5.141	-3.895	-2.991
1561	15.60	-2.482	-2.187	-1.799	-1.047	0.158	1.664	3.122	4.133	4.416	3.942
1571	15.70	2.963	1.933	1.350	1.578	2.730	4.635	6.914	9.099	10.776	11.681
1581	15.80	11.735	11.026	9.751	8.150	6.460	4.880	3.552	2.555	1.904	1.548
1591	15.90	1.390	1.318	1.237	1.103	0.929	0.777	0.719	0.790	0.958	1.109
1601	16.00	1.080	0.707	-0.107	-1.332	-2.787	-4.162	-5.084	-5.221	-4.392	-2.645
1611	16.10	-0.269	2.268	4.448	5.856	6.294	5.868	4.818	3.598	2.516	1.722
1621	16.20	1.160	0.637	-0.042	-0.946	-1.959	-2.821	-3.247	-3.075	-2.356	-1.347
1631	16.30	-0.400	0.186	0.294	0.022	-0.381	-0.659	-0.677	-0.482	-0.260	-0.219
1641	16.40	-0.463	-0.921	-1.390	-1.644	-1.569	-1.241	-0.891	-0.784	-1.065	-1.646
1651	16.50	-2.224	-2.400	-1.877	-0.614	1.118	2.824	3.975	4.213	3.480	2.014
1661	16.60	0.224	-1.487	-2.878	-3.915	-4.717	-5.421	-6.071	-6.560	-6.686	-6.266
1671	16.70	-5.254	-3.799	-2.206	-0.826	0.078	0.422	0.268	0.004	-0.321	-0.511
1681	16.80	-0.550	-0.503	-0.438	-0.361	-0.203	0.141	0.729	1.512	2.324	2.934
1691	16.90	3.149	2.904	2.294	1.539	0.878	0.459	0.266	0.131	-0.185	-0.863
1701	17.00	-1.925	-3.195	-4.355	-5.058	-5.070	-4.359	-3.109	-1.652	-0.346	0.544
1711	17.10	0.926	0.882	0.610	0.325	0.177	0.201	0.328	0.435	0.419	0.248
1721	17.20	-0.007	-0.199	-0.155	0.264	1.102	2.287	3.638	4.901	5.805	6.121
1731	17.30	5.707	4.540	2.727	0.498	-1.816	-3.827	-5.146	-5.460	-4.614	-2.672
1741	17.40	0.056	3.053	5.703	7.440	7.910	7.079	5.249	2.963	0.838	-0.639
1751	17.50	-1.252	-1.096	-0.501	0.131	0.502	0.533	0.367	0.275	0.506	1.151
1761	17.60	2.098	3.076	3.781	4.010	3.739	3.120	2.385	1.734	1.242	0.847
1771	17.70	0.410	-0.183	-0.941	-1.743	-2.393	-2.718	-2.655	-2.287	-1.809	-1.430
1781	17.80	-1.284	-1.372	-1.580	-1.744	-1.744	-1.553	-1.238	-0.899	-0.596	-0.293
1791	17.90	0.128	0.804	1.804	3.054	4.340	5.369	5.880	5.749	5.042	3.992
1801	18.00	2.904	2.037	1.513	1.283	1.169	0.953	0.481	-0.270	-1.181	-2.046
1811	18.10	-2.638	-2.819	-2.567	-1.995	-1.306	-0.729	-0.449	-0.556	-1.029	-1.752
1821	18.20	-2.553	-3.254	-3.717	-3.869	-3.713	-3.313	-2.773	-2.214	-1.750	-1.473
1831	18.30	-1.447	-1.693	-2.190	-2.865	-3.605	-4.272	-4.740	-4.928	-4.825	-4.499
1841	18.40	-4.072	-3.673	-3.385	-3.217	-3.093	-2.888	-2.480	-1.804	-0.889	0.142
1851	18.50	1.099	1.775	1.988	1.621	0.640	-0.893	-2.821	-4.895	-6.803	-8.210
1861	18.60	-8.838	-8.540	-7.368	-5.582	-3.592	-1.840	-0.661	-0.175	-0.250	-0.571
1871	18.70	-0.774	-0.596	0.018	0.908	1.779	2.350	2.477	2.225	1.826	1.571
1881	18.80	1.671	2.163	2.895	3.598	4.004	3.957	3.467	2.686	1.826	1.072
1891	18.90	0.515	0.148	-0.096	-0.277	-0.408	-0.444	-0.321	0.003	0.509	1.119
1901	19.00	1.723	2.228	2.595	2.868	3.052	3.281	3.578	3.938	4.323	4.677
1911	19.10	4.952	5.123	5.179	5.118	4.937	4.629	4.194	3.648	3.028	2.385
1921	19.20	1.771	1.228	0.780	0.443	0.236	0.186	0.327	0.681	1.234	1.925
1931	19.30	2.643	3.253	3.627	3.685	3.406	2.832	2.048	1.158	0.260	-0.562
1941	19.40	-1.237	-1.710	-1.941	-1.911	-1.638	-1.173	-0.604	-0.026	0.476	0.852
1951	19.50	1.090	1.209	1.241	1.216	1.151	1.059	0.956	0.870	0.833	0.865
1961	19.60	0.956	1.051	1.060	0.893	0.501	-0.092	-0.774	-1.370	-1.698	-1.426
1971	19.70	-1.126	-0.290	0.694	1.595	2.203	2.388	2.122	1.675	0.578	-0.424
1981	19.80	-1.408	-2.297	-3.059	-3.689	-4.186	-4.540	-4.729	-4.732	-4.547	-4.209
1991	19.90	-3.793	-3.600	-3.128	-3.035	-3.112	-3.268	-3.358	-3.219	-2.727	-1.850

Table 7—30—5

TABLE OF CORRECTED ACCELERATION RECORD

NO. 5

INDEX NO. 1177 S03-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-0.670	0.621	1.774	2.551	2.798	2.498	1.778	0.875	0.063	-0.431
2011	20.10	-0.497	-0.175	0.369	0.900	1.204	1.158	0.774	0.190	-0.376	-0.710
2021	20.20	-0.661	-0.196	0.602	1.565	2.487	3.178	3.491	3.337	2.679	1.523
2031	20.30	-0.079	-2.023	-4.162	-6.215	-7.984	-9.206	-9.705	-9.412	-8.385	-6.789
2041	20.40	-4.852	-2.811	-0.869	0.823	2.163	3.086	3.552	3.548	3.103	2.311
2051	20.50	1.325	0.340	-0.450	-0.914	-1.018	-0.838	-0.531	-0.282	-0.233	-0.442
2061	20.60	-0.857	-1.341	-1.712	-1.801	-1.503	-0.807	0.198	1.367	2.432	3.249
2071	20.70	3.655	3.594	3.122	2.390	1.609	0.993	0.702	0.804	1.266	1.967
2081	20.80	2.760	3.495	4.061	4.392	4.460	4.257	3.791	3.092	2.223	1.291
2091	20.90	0.437	-0.196	-0.511	-0.492	-0.221	0.161	0.413	0.444	0.168	-0.390
2101	21.00	-1.132	-1.930	-2.667	-3.261	-3.669	-3.865	-3.836	-3.574	-3.093	-2.451
2111	21.10	-1.747	-1.111	-0.661	-0.461	-0.490	-0.656	-0.836	-0.921	-0.885	-0.769
2121	21.20	-0.657	-0.614	-0.635	-0.623	-0.422	0.106	1.001	2.161	3.367	4.254
2131	21.30	4.617	4.302	3.363	2.020	0.595	-0.594	-1.311	-1.457	-1.067	-0.272
2141	21.40	0.753	1.832	2.812	3.577	4.045	4.168	3.944	3.418	2.723	1.820
2151	21.50	0.968	0.201	-0.423	-0.867	-1.092	-1.048	-0.684	0.015	0.982	2.037
2161	21.60	2.905	3.278	2.922	1.775	0.002	-2.038	-3.892	-5.170	-5.674	-5.455
2171	21.70	-4.777	-3.993	-3.396	-3.101	-3.022	-2.941	-2.629	-1.977	-1.053	-0.078
2181	21.80	0.677	1.009	0.868	0.368	-0.285	-0.882	-1.303	-1.534	-1.635	-1.667
2191	21.90	-1.634	-1.481	-1.136	-0.581	0.100	0.742	1.165	1.284	1.178	1.080
2201	22.00	1.285	2.005	3.242	4.747	6.096	6.840	6.709	5.701	4.097	2.361
2211	22.10	0.857	-0.104	-0.535	-0.630	-0.652	-0.805	-1.147	-1.601	-2.041	-2.392
2221	22.20	-2.693	-3.076	-3.677	-4.535	-5.525	-6.382	-6.797	-6.556	-5.640	-4.244
2231	22.30	-2.709	-1.391	-0.527	-0.164	-0.176	-0.343	-0.464	-0.429	-0.244	0.018
2241	22.40	0.279	0.509	0.743	1.036	1.414	1.829	2.163	2.272	2.054	1.502
2251	22.50	0.722	-0.106	-0.797	-1.226	-1.372	-1.308	-1.163	-1.060	-1.068	-1.187
2261	22.60	-1.357	-1.490	-1.498	-1.314	-0.892	-0.212	0.724	1.858	3.095	4.261
2271	22.70	5.169	5.553	5.339	4.500	3.177	1.637	0.204	-0.832	-1.297	-1.166
2281	22.80	-0.561	0.312	1.231	2.026	2.605	2.957	3.116	3.131	3.066	2.892
2291	22.90	2.699	2.498	2.318	2.164	2.004	1.773	1.391	0.822	0.109	-0.603
2301	23.00	-1.103	-1.183	-0.734	0.188	1.356	2.437	3.109	3.183	2.675	1.793
2311	23.10	0.844	0.100	-0.317	-0.482	-0.618	-0.976	-1.702	-2.748	-3.882	-4.771
2321	23.20	-5.128	-4.829	-3.966	-2.803	-1.664	-0.806	-0.326	-0.154	-0.120	-0.058
2331	23.30	0.104	0.314	0.436	0.329	-0.049	-0.616	-1.180	-1.523	-1.497	-1.097
2341	23.40	-0.467	0.150	0.509	0.455	-0.027	-0.816	-1.715	-2.526	-3.106	-3.409
2351	23.50	-3.454	-3.292	-2.972	-2.523	-1.969	-1.360	-0.787	-0.380	-0.261	-0.494
2361	23.60	-1.025	-1.678	-2.193	-2.304	-1.836	-0.780	0.697	2.294	3.675	4.574
2371	23.70	4.872	4.620	4.002	3.258	2.601	2.167	1.992	2.034	2.210	2.432
2381	23.80	2.620	2.713	2.660	2.428	2.013	1.456	0.840	0.272	-0.159	-0.424
2391	23.90	-0.572	-0.712	-0.966	-1.403	-1.997	-2.627	-3.130	-3.378	-3.341	-3.105
2401	24.00	-2.834	-2.686	-2.736	-2.940	-3.159	-3.241	-3.110	-2.813	-2.499	-2.342
2411	24.10	-2.436	-2.736	-3.065	-3.198	-2.976	-2.391	-1.591	-0.801	-0.197	0.202
2421	24.20	0.555	1.130	2.153	3.668	5.476	7.182	8.353	8.689	8.157	6.996
2431	24.30	5.608	4.385	3.552	3.104	2.850	2.569	2.052	1.380	0.711	0.273
2441	24.40	0.214	0.517	0.992	1.360	1.375	0.928	0.086	-0.962	-1.896	-2.556
2451	24.50	-2.804	-2.633	-2.125	-1.402	-0.602	0.141	0.700	0.973	0.907	0.527
2461	24.60	-0.055	-0.658	-1.096	-1.238	-1.068	-0.675	-0.211	0.190	0.477	0.693
2471	24.70	0.933	1.263	1.647	1.929	1.883	1.318	0.184	-1.376	-3.048	-4.452
2481	24.80	-5.267	-5.336	-4.706	-3.584	-2.247	-0.957	0.104	0.835	1.192	1.158
2491	24.90	0.733	-0.046	-1.077	-2.181	-3.135	-3.734	-3.868	-3.558	-2.944	-2.217

Table 7—30—6

TABLE OF CORRECTED ACCELERATION RECORD

NO. 6

INDEX NO. 1177 S03-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-1.533	-0.952	-0.428	0.129	0.765	1.412	1.879	1.914	1.319	0.053
2511	25.10	-1.712	-3.629	-5.283	-6.327	-6.591	-6.109	-5.085	-3.791	-2.470	-1.280
2521	25.20	-0.291	0.481	1.020	1.294	1.268	0.950	0.423	-0.148	-0.563	-0.660
2531	25.30	-0.390	0.165	0.816	1.356	1.657	1.725	1.705	1.802	2.207	2.955
2541	25.40	3.945	4.949	5.705	6.020	5.831	5.210	4.314	3.305	2.296	1.332
2551	25.50	0.424	-0.402	-1.070	-1.468	-1.497	-1.144	-0.525	0.134	0.567	0.581
2561	25.60	0.145	-0.582	-1.302	-1.695	-1.544	-0.816	0.325	1.595	2.692	3.398
2571	25.70	3.615	3.359	2.697	1.699	0.421	-1.071	-2.654	-4.121	-5.196	-5.611
2581	25.80	-5.202	-3.987	-2.188	-0.167	1.680	3.051	3.816	4.028	3.866	3.541
2591	25.90	3.214	2.957	2.760	2.582	2.394	2.210	2.079	2.056	2.172	2.413
2601	26.00	2.724	3.022	3.224	3.252	3.051	2.590	1.883	0.998	0.064	-0.738
2611	26.10	-1.222	-1.250	-0.782	0.099	1.209	2.315	3.212	3.766	3.937	3.752
2621	26.20	3.261	2.505	1.510	0.312	-1.001	-2.272	-3.292	-3.859	-3.852	-3.283
2631	26.30	-2.312	-1.194	-0.200	0.467	0.723	0.598	0.199	-0.347	-0.938	-1.504
2641	26.40	-2.001	-2.385	-2.609	-2.637	-2.476	-2.189	-1.899	-1.752	-1.866	-2.281
2651	26.50	-2.951	-3.754	-4.343	-5.191	-5.621	-5.807	-5.751	-5.463	-4.954	-4.244
2661	26.60	-3.390	-2.496	-1.709	-1.176	-0.999	-1.192	-1.674	-2.292	-2.871	-3.267
2671	26.70	-3.394	-3.229	-2.796	-2.141	-1.320	-0.409	0.492	1.258	1.765	1.929
2681	26.80	1.747	1.316	0.806	0.401	0.225	0.293	0.507	0.711	0.763	0.615
2691	26.90	0.336	0.083	0.023	0.254	0.746	1.351	1.864	2.103	1.984	1.551
2701	27.00	0.942	0.351	-0.147	-0.427	-0.523	-0.490	-0.377	-0.206	0.030	0.341
2711	27.10	0.705	1.058	1.303	1.356	1.185	0.839	0.442	0.153	0.104	0.357
2721	27.20	0.868	1.511	2.113	2.514	2.618	2.418	1.995	1.487	1.048	0.793
2731	27.30	0.773	0.947	1.206	1.393	1.367	1.042	0.430	-0.355	-1.128	-1.692
2741	27.40	-1.897	-1.694	-1.148	-0.412	0.326	0.906	1.237	1.311	1.172	0.909
2751	27.50	0.567	0.183	-0.229	-0.659	-1.080	-1.443	-1.694	-1.789	-1.710	-1.464
2761	27.60	-1.065	-0.525	0.148	0.940	1.799	2.622	3.266	3.588	3.501	3.027
2771	27.70	2.298	1.522	0.898	0.538	0.421	0.412	0.336	0.069	-0.392	-0.925
2781	27.80	-1.349	-1.516	-1.396	-1.095	-0.799	-0.668	-0.741	-0.897	-0.904	-0.539
2791	27.90	0.291	1.670	2.697	3.603	3.905	3.527	2.635	1.566	0.683	0.231
2801	28.00	0.252	0.595	1.012	1.283	1.308	1.133	0.891	0.717	0.670	0.711
2811	28.10	0.733	0.642	0.408	0.090	-0.199	-0.357	-0.353	-0.241	-0.128	-0.119
2821	28.20	-0.253	-0.490	-0.731	-0.880	-0.896	-0.812	-0.717	-0.691	-0.759	-0.864
2831	28.30	-0.893	-0.743	-0.381	0.122	0.607	0.891	0.847	0.462	-0.160	-0.839
2841	28.40	-1.395	-1.717	-1.796	-1.706	-1.561	-1.446	-1.384	-1.362	-1.263	-1.123
2851	28.50	-0.955	-0.869	-0.914	-1.215	-1.730	-2.337	-2.844	-3.052	-2.830	-2.159
2861	28.60	-1.147	0.009	1.077	1.862	2.251	2.231	1.872	1.296	0.629	-0.022
2871	28.70	-0.590	-1.040	-1.354	-1.519	-1.520	-1.335	-0.950	-0.375	0.369	1.143
2881	28.80	1.903	2.519	2.903	3.008	2.846	2.482	2.015	1.549	1.167	0.910
2891	28.90	0.781	0.756	0.808	0.920	1.088	1.312	1.576	1.823	1.977	1.942
2901	29.00	1.663	1.056	0.216	-0.776	-1.801	-2.746	-3.532	-4.124	-4.509	-4.675
2911	29.10	-4.590	-4.212	-3.512	-2.512	-1.313	-0.092	0.942	1.605	1.807	1.580
2921	29.20	1.072	0.689	0.020	-0.231	-0.268	-0.189	-0.131	-0.197	-0.419	-0.742
2931	29.30	-1.061	-1.271	-1.318	-1.217	-1.045	-0.893	-0.828	-0.859	-0.941	-1.002
2941	29.40	-0.981	-0.862	-0.681	-0.507	-0.411	-0.426	-0.538	-0.682	-0.781	-0.775
2951	29.50	-0.649	-0.440	-0.222	-0.077	-0.055	-0.163	-0.352	-0.561	-0.637	-0.566
2961	29.60	-0.287	0.185	0.796	1.455	2.055	2.486	2.659	2.524	2.080	1.388
2971	29.70	0.552	-0.294	-1.020	-1.535	-1.800	-1.833	-1.689	-1.436	-1.123	-0.770
2981	29.80	-0.369	0.094	0.820	1.182	1.729	2.201	2.554	2.774	2.874	2.883
2991	29.90	2.820	2.683	2.448	2.088	1.599	1.012	0.401	-0.146	-0.552	-0.779

Table 7—30—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-0.837	-0.769	-0.625	-0.436	-0.204	0.086	0.437	0.818	1.151	1.334
3011	30.10	1.277	0.946	0.382	-0.304	-0.969	-1.489	-1.800	-1.913	-1.897	-1.834
3021	30.20	-1.781	-1.740	-1.663	-1.479	-1.135	-0.637	-0.055	0.484	0.836	0.880
3031	30.30	0.558	-0.103	-0.990	-1.931	-2.727	-3.197	-3.285	-2.788	-1.961	-0.910
3041	30.40	0.155	1.032	1.579	1.768	1.588	1.218	0.782	0.396	0.118	-0.059
3051	30.50	-0.187	-0.329	-0.525	-0.775	-1.041	-1.270	-1.415	-1.468	-1.366	-1.177
3061	30.60	-0.888	-0.495	0.010	0.620	1.302	1.981	2.555	2.916	2.989	2.759
3071	30.70	2.262	1.673	1.069	0.589	0.295	0.181	0.187	0.225	0.227	0.166
3081	30.80	0.070	0.006	0.047	0.244	0.600	1.077	1.605	2.113	2.561	2.856
3091	30.90	3.034	3.059	2.906	2.547	1.968	1.188	0.270	-0.678	-1.525	-2.149
3101	31.00	-2.465	-2.440	-2.097	-1.499	-0.732	0.102	0.893	1.522	1.870	1.841
3111	31.10	1.393	0.574	-0.468	-1.501	-2.268	-2.554	-2.261	-1.444	-0.295	0.913
3121	31.20	1.911	2.514	2.665	2.436	1.981	1.473	1.041	0.741	0.553	0.412
3131	31.30	0.242	-0.002	-0.327	-0.698	-1.060	-1.363	-1.572	-1.684	-1.715	-1.693
3141	31.40	-1.639	-1.560	-1.442	-1.258	-0.976	-0.582	-0.094	0.442	0.955	1.369
3151	31.50	1.635	1.742	1.722	1.637	1.555	1.514	1.526	1.562	1.582	1.560
3161	31.60	1.504	1.453	1.460	1.564	1.757	1.982	2.140	2.131	1.892	1.426
3171	31.70	0.811	0.170	-0.371	-0.729	-0.902	-0.970	-1.065	-1.321	-1.813	-2.521
3181	31.80	-3.319	-4.004	-4.361	-4.228	-3.558	-2.442	-1.087	0.241	1.294	1.906
3191	31.90	2.037	1.767	1.255	0.677	0.171	-0.199	-0.448	-0.641	-0.858	-1.156
3201	32.00	-1.550	-2.014	-2.496	-2.938	-3.295	-3.543	-3.682	-3.726	-3.700	-3.621
3211	32.10	-3.498	-3.325	-3.085	-2.761	-2.345	-1.861	-1.358	-0.912	-0.593	-0.444
3221	32.20	-0.456	-0.568	-0.688	-0.729	-0.653	-0.484	-0.297	-0.178	-0.172	-0.254
3231	32.30	-0.326	-0.280	0.044	0.602	1.327	2.056	2.618	2.898	2.891	2.693
3241	32.40	2.455	2.313	2.323	2.441	2.542	2.581	2.453	1.537	0.698	-0.248
3251	32.50	-1.171	-1.973	-2.594	-3.008	-3.196	-3.142	-2.829	-2.259	-1.477	-0.577
3261	32.60	0.313	1.063	1.574	1.807	1.778	1.542	1.159	0.674	0.110	-0.516
3271	32.70	-1.169	-1.780	-2.252	-2.484	-2.407	-2.016	-1.385	-0.640	0.068	0.621
3281	32.80	0.960	1.098	1.108	1.085	1.104	1.210	1.395	1.618	1.826	1.977
3291	32.90	2.048	2.037	1.949	1.788	1.550	1.233	0.846	0.425	0.032	-0.256
3301	33.00	-0.374	-0.291	-0.030	0.335	0.704	0.983	1.119	1.115	1.020	0.900
3311	33.10	0.804	0.739	0.670	0.538	0.294	-0.069	-0.510	-0.955	-1.325	-1.571
3321	33.20	-1.696	-1.740	-1.759	-1.788	-1.818	-1.794	-1.643	-1.308	-0.783	-0.122
3331	33.30	0.573	1.184	1.619	1.843	1.880	1.806	1.716	1.692	1.781	1.984
3341	33.40	2.266	2.568	2.829	3.005	3.073	3.037	2.919	2.744	2.526	2.264
3351	33.50	1.935	1.512	0.982	0.366	-0.273	-0.837	-1.221	-1.348	-1.200	-0.832
3361	33.60	-0.360	-0.078	0.362	0.433	0.304	0.050	-0.221	-0.416	-0.483	-0.425
3371	33.70	-0.288	-0.134	-0.017	0.040	0.045	0.028	0.021	0.046	0.099	0.154
3381	33.80	0.176	0.133	0.010	-0.181	-0.408	-0.618	-0.762	-0.804	-0.737	-0.583
3391	33.90	-0.388	-0.209	-0.094	-0.067	-0.128	-0.252	-0.402	-0.544	-0.655	-0.725
3401	34.00	-0.754	-0.745	-0.701	-0.623	-0.515	-0.386	-0.247	-0.115	-0.002	0.081
3411	34.10	0.129	0.127	0.055	-0.110	-0.386	-0.763	-1.188	-1.567	-1.779	-1.715
3421	34.20	-1.324	-0.638	0.216	1.047	1.655	1.891	1.703	1.152	0.387	-0.402
3431	34.30	-1.046	-1.439	-1.555	-1.433	-1.167	-0.767	-0.341	0.106	0.560	0.991
3441	34.40	1.346	1.552	1.545	1.299	0.852	0.309	-0.189	-0.505	-0.561	-0.370
3451	34.50	-0.038	0.267	0.378	0.188	-0.310	-1.018	-1.768	-2.378	-2.714	-2.727
3461	34.60	-2.453	-1.989	-1.442	-0.897	-0.402	0.026	0.373	0.600	0.649	0.452
3471	34.70	-0.025	-0.755	-1.636	-2.515	-3.228	-3.658	-3.767	-3.604	-3.274	-2.897
3481	34.80	-2.562	-2.301	-2.094	-1.900	-1.686	-1.654	-1.239	-1.094	-1.058	-1.132
3491	34.90	-1.269	-1.387	-1.391	-1.206	-0.798	-0.186	0.560	1.339	2.032	2.534

Table 7—30—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	2.768	2.708	2.385	1.882	1.319	0.818	0.480	0.354	0.432	0.660
3511	35.10	0.964	1.278	1.565	1.820	2.055	2.283	2.494	2.663	2.751	2.733
3521	35.20	2.607	2.398	2.146	1.878	1.598	1.284	0.912	0.479	0.032	-0.339
3531	35.30	-0.524	-0.441	-0.081	0.473	1.065	1.516	1.693	1.558	1.183	0.716
3541	35.40	0.315	0.087	0.043	0.109	0.165	0.118	-0.058	-0.306	-0.508	-0.563
3551	35.50	-0.420	-0.111	0.262	0.579	0.755	0.772	0.681	0.565	0.488	0.465
3561	35.60	0.454	0.386	0.209	-0.078	-0.417	-0.718	-0.900	-0.933	-0.848	-0.718
3571	35.70	-0.620	-0.595	-0.626	-0.650	-0.594	-0.414	-0.120	0.232	0.566	0.823
3581	35.80	0.990	1.099	1.213	1.384	1.635	1.943	2.249	2.481	2.578	2.502
3591	35.90	2.243	1.814	1.250	0.601	-0.068	-0.683	-1.174	-1.496	-1.639	-1.633
3601	36.00	-1.538	-1.413	-1.295	-1.180	-1.037	-0.827	-0.538	-0.205	0.096	0.270
3611	36.10	0.242	-0.016	-0.476	-1.068	-1.709	-2.328	-2.875	-3.314	-3.607	-3.705
3621	36.20	-3.562	-3.153	-2.509	-1.728	-0.959	-0.357	-0.032	-0.008	-0.219	-0.537
3631	36.30	-0.828	-1.006	-1.047	-0.998	-0.920	-0.849	-0.776	-0.645	-0.396	-0.000
3641	36.40	0.507	1.033	1.458	1.682	1.666	1.441	1.095	0.738	0.460	0.310
3651	36.50	0.288	0.359	0.476	0.594	0.686	0.746	0.785	0.823	0.885	0.982
3661	36.60	1.106	1.212	1.229	1.080	0.714	0.146	-0.523	-1.125	-1.470	-1.420
3671	36.70	-0.947	-0.162	0.715	1.426	1.773	1.685	1.246	0.649	0.117	-0.186
3681	36.80	-0.214	-0.040	0.192	0.344	0.346	0.218	0.050	-0.061	-0.058	0.040
3691	36.90	0.158	0.203	0.120	-0.074	-0.298	-0.436	-0.396	-0.149	0.260	0.725
3701	37.00	1.126	1.372	1.425	1.307	1.075	0.793	0.509	0.265	0.004	-0.214
3711	37.10	-0.398	-0.523	-0.556	-0.479	-0.293	-0.033	0.240	0.457	0.562	0.529
3721	37.20	0.370	0.137	-0.103	-0.281	-0.356	-0.326	-0.229	-0.129	-0.096	-0.174
3731	37.30	-0.370	-0.648	-0.940	-1.174	-1.301	-1.305	-1.213	-1.071	-0.926	-0.806
3741	37.40	-0.706	-0.601	-0.458	-0.263	-0.028	0.210	0.402	0.512	0.526	0.471
3751	37.50	0.380	0.300	0.259	0.263	0.304	0.365	0.438	0.527	0.645	0.799
3761	37.60	0.977	1.142	1.242	1.228	1.077	0.805	0.473	0.168	-0.026	-0.056
3771	37.70	0.027	0.324	0.598	0.810	0.896	0.834	0.651	0.402	0.150	-0.061
3781	37.80	-0.216	-0.432	-0.438	-0.538	-0.598	-0.618	-0.580	-0.570	-0.909	-0.765
3791	37.90	-0.571	-0.368	-0.190	-0.050	0.065	0.183	0.329	0.512	0.716	0.900
3801	38.00	1.016	1.026	0.914	0.688	0.381	0.029	-0.338	-0.701	-1.058	-1.410
3811	38.10	-1.751	-2.069	-2.338	-2.526	-2.607	-2.568	-2.414	-2.165	-1.855	-1.523
3821	38.20	-1.207	-0.937	-0.734	-0.606	-0.567	-0.537	-0.548	-0.546	-0.501	-0.393
3831	38.30	-0.219	0.007	0.258	0.502	0.709	0.861	0.957	1.002	1.009	0.980
3841	38.40	0.908	0.769	0.541	0.205	-0.225	-0.706	-1.106	-1.520	-1.713	-1.728
3851	38.50	-1.600	-1.406	-1.233	-1.136	-1.116	-1.116	-1.039	-0.813	-0.613	-0.107
3861	38.60	0.629	1.013	1.157	1.034	0.711	0.315	-0.015	-0.180	-0.155	0.017
3871	38.70	0.259	0.498	0.700	0.872	1.040	1.219	1.387	1.485	1.450	1.240
3881	38.80	0.871	0.413	-0.030	-0.361	-0.522	-0.511	-0.372	-0.169	0.039	0.218
3891	38.90	0.359	0.463	0.534	0.577	0.598	0.617	0.663	0.761	0.917	1.105
3901	39.00	1.266	1.336	1.273	1.086	0.831	0.587	0.415	0.324	0.263	0.152
3911	39.10	-0.071	-0.408	-0.784	-1.078	-1.187	-1.081	-0.832	-0.587	-0.501	-0.653
3921	39.20	-1.006	-1.409	-1.666	-1.631	-1.278	-0.714	-0.132	0.283	0.446	0.406
3931	39.30	0.323	0.379	0.679	1.196	1.771	2.190	2.281	2.006	1.469	0.897
3941	39.40	0.524	0.503	0.847	1.435	2.063	2.540	2.748	2.676	2.398	2.019
3951	39.50	1.629	1.270	0.944	0.641	0.376	0.198	0.178	0.372	0.777	1.319
3961	39.60	1.855	2.228	2.316	2.083	1.595	0.996	0.456	0.109	0.008	0.113
3971	39.70	0.318	0.503	0.584	0.546	0.438	0.336	0.297	0.316	0.324	0.211
3981	39.80	-0.118	-0.689	-1.432	-2.193	-2.788	-3.066	-2.974	-2.572	-2.010	-1.470
3991	39.90	-1.094	-0.957	-0.958	-1.049	-1.096	-1.028	-0.845	-0.612	-0.419	-0.332

Table 7—30—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-0.364	-0.470	-0.569	-0.591	-0.505	-0.340	-0.163	-0.047	-0.032	-0.102
4011	40.10	-0.189	-0.204	-0.081	0.190	0.551	0.892	1.093	1.073	0.821	0.399
4021	40.20	-0.084	-0.515	-0.821	-0.994	-1.084	-1.166	-1.305	-1.516	-1.771	-2.010
4031	40.30	-2.183	-2.280	-2.334	-2.402	-2.528	-2.702	-2.854	-2.879	-2.684	-2.245
4041	40.40	-1.634	-1.005	-0.541	-0.380	-0.559	-0.999	-1.542	-2.011	-2.286	-2.338
4051	40.50	-2.221	-2.024	-1.819	-1.614	-1.360	-0.992	-0.478	0.139	0.749	1.215
4061	40.60	1.444	1.430	1.273	1.134	1.165	1.442	1.925	2.479	2.929	3.139
4071	40.70	3.065	2.769	2.383	2.046	1.850	1.807	1.859	1.921	1.925	1.853
4081	40.80	1.737	1.634	1.595	1.633	1.719	1.801	1.825	1.762	1.616	1.419
4091	40.90	1.212	1.026	0.870	0.732	0.585	0.398	0.151	-0.166	-0.540	-0.940
4101	41.00	-1.320	-1.623	-1.794	-1.801	-1.647	-1.378	-1.075	-0.832	-0.726	-0.788
4111	41.10	-0.994	-1.272	-1.534	-1.707	-1.761	-1.713	-1.612	-1.514	-1.450	-1.421
4121	41.20	-1.405	-1.374	-1.327	-1.288	-1.301	-1.398	-1.578	-1.785	-1.928	-1.910
4131	41.30	-1.673	-1.229	-0.663	-0.109	0.300	0.476	0.406	0.152	-0.181	-0.480
4141	41.40	-0.666	-0.706	-0.611	-0.614	-0.449	0.161	0.505	0.861	1.207	1.495
4151	41.50	1.678	1.719	1.610	1.380	1.079	0.772	0.513	0.341	0.276	0.325
4161	41.60	0.491	0.768	1.141	1.577	2.023	2.419	2.711	2.872	2.872	2.852
4171	41.70	2.750	2.637	2.519	2.379	2.190	1.938	1.638	1.337	1.095	0.959
4181	41.80	0.945	1.025	1.143	1.233	1.250	1.177	1.027	0.827	0.600	0.358
4191	41.90	0.100	-0.170	-0.438	-0.674	-0.842	-0.918	-0.905	-0.835	-0.760	-0.730
4201	42.00	-0.774	-0.887	-1.038	-1.184	-1.295	-1.360	-1.391	-1.405	-1.415	-1.414
4211	42.10	-1.388	-1.321	-1.211	-1.078	-0.956	-0.875	-0.851	-0.870	-0.902	-0.912
4221	42.20	-0.878	-0.809	-0.732	-0.682	-0.679	-0.716	-0.758	-0.760	-0.688	-0.537
4231	42.30	-0.334	-0.128	0.029	0.106	0.102	0.042	-0.038	-0.107	-0.150	-0.168
4241	42.40	-0.188	-0.153	-0.111	-0.017	0.152	0.401	0.709	1.027	1.289	1.438
4251	42.50	1.443	1.319	1.116	0.910	0.769	0.733	0.799	0.924	1.041	1.089
4261	42.60	1.037	0.892	0.699	0.517	0.392	0.339	0.330	0.309	0.214	0.004
4271	42.70	-0.323	-0.722	-1.119	-1.437	-1.618	-1.665	-1.539	-1.350	-1.132	-0.927
4281	42.80	-0.754	-0.606	-0.466	-0.309	-0.136	0.068	0.222	0.361	0.451	0.490
4291	42.90	0.495	0.490	0.505	0.561	0.665	0.807	0.962	1.101	1.192	1.216
4301	43.00	1.167	1.052	0.886	0.688	0.473	0.256	0.047	-0.139	-0.291	-0.401
4311	43.10	-0.471	-0.516	-0.565	-0.645	-0.771	-0.934	-1.099	-1.220	-1.259	-1.214
4321	43.20	-1.121	-1.057	-1.102	-1.305	-1.659	-2.086	-2.466	-2.672	-2.623	-2.314
4331	43.30	-1.814	-1.245	-0.729	-0.352	-0.135	-0.044	-0.014	0.018	0.081	0.171
4341	43.40	0.262	0.328	0.368	0.398	0.450	0.546	0.682	0.831	0.949	1.000
4351	43.50	0.970	0.875	0.752	0.640	0.566	0.531	0.522	0.516	0.498	0.465
4361	43.60	0.427	0.397	0.383	0.385	0.393	0.399	0.396	0.388	0.384	0.392
4371	43.70	0.415	0.452	0.499	0.552	0.609	0.664	0.709	0.728	0.700	0.609
4381	43.80	0.452	0.245	0.022	-0.181	-0.339	-0.449	-0.530	-0.613	-0.721	-0.859
4391	43.90	-1.007	-1.131	-1.201	-1.213	-1.191	-1.178	-1.216	-1.323	-1.481	-1.635
4401	44.00	-1.725	-1.701	-1.553	-1.310	-1.028	-0.764	-0.553	-0.398	-0.275	-0.152
4411	44.10	-0.006	0.158	0.318	0.440	0.502	0.502	0.462	0.413	0.383	0.385
4421	44.20	0.415	0.460	0.511	0.568	0.643	0.748	0.886	1.040	1.178	1.261
4431	44.30	1.265	1.187	1.054	0.907	0.790	0.727	0.716	0.737	0.762	0.774
4441	44.40	0.775	0.786	0.830	0.913	1.016	1.087	1.065	0.902	0.591	0.175
4451	44.50	-0.260	-0.616	-0.815	-0.831	-0.700	-0.500	-0.324	-0.240	-0.264	-0.363
4461	44.60	-0.472	-0.530	-0.512	-0.437	-0.359	-0.337	-0.401	-0.535	-0.682	-0.775
4471	44.70	-0.771	-0.678	-0.560	-0.508	-0.594	-0.836	-1.174	-1.492	-1.653	-1.558
4481	44.80	-1.185	-0.599	0.072	0.682	1.116	1.329	1.345	1.235	1.082	0.949
4491	44.90	0.862	0.811	0.772	0.723	0.659	0.589	0.527	0.483	0.452	0.424

Table 7—30—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	0.385	0.336	0.287	0.258	0.268	0.323	0.414	0.520	0.617	0.687
4511	45.10	0.726	0.743	0.752	0.771	0.806	0.859	0.924	0.992	1.056	1.102
4521	45.20	1.129	1.129	1.099	1.039	0.957	0.864	0.777	0.707	0.658	0.626
4531	45.30	0.601	0.572	0.531	0.479	0.421	0.367	0.320	0.279	0.241	0.198
4541	45.40	0.148	0.094	0.045	0.010	-0.006	-0.002	0.014	0.033	0.047	0.052
4551	45.50	0.048	0.037	0.022	0.007	-0.008	-0.016	-0.008	0.028	0.097	0.194
4561	45.60	0.294	0.354	0.326	0.168	-0.133	-0.552	-1.024	-1.462	-1.781	-1.929
4571	45.70	-1.900	-1.742	-1.534	-1.357	-1.253	-1.255	-1.288	-1.300	-1.239	-1.095
4581	45.80	-0.915	-0.782	-0.782	-0.962	-1.304	-1.719	-2.082	-2.272	-2.219	-1.931
4591	45.90	-1.484	-0.993	-0.562	-0.251	-0.061	0.050	0.139	0.241	0.358	0.463
4601	46.00	0.525	0.535	0.516	0.516	0.579	0.719	0.898	1.044	1.071	0.926
4611	46.10	0.614	0.198	-0.219	-0.541	-0.711	-0.735	-0.669	-0.590	-0.562	-0.603
4621	46.20	-0.690	-0.771	-0.798	-0.750	-0.639	-0.507	-0.396	-0.329	-0.304	-0.293
4631	46.30	-0.264	-0.200	-0.107	-0.014	0.044	0.040	-0.024	-0.125	-0.221	-0.272
4641	46.40	-0.252	-0.161	-0.022	0.129	0.251	0.314	0.316	0.245	0.128	-0.009
4651	46.50	-0.141	-0.244	-0.304	-0.319	-0.297	-0.256	-0.214	-0.186	-0.182	-0.202
4661	46.60	-0.284	-0.304	-0.381	-0.473	-0.580	-0.697	-0.812	-0.910	-0.975	-1.001
4671	46.70	-0.992	-0.963	-0.935	-0.922	-0.925	-0.931	-0.916	-0.856	-0.741	-0.582
4681	46.80	-0.404	-0.241	-0.118	-0.041	0.004	0.050	0.125	0.247	0.403	0.563
4691	46.90	0.680	0.719	0.666	0.537	0.374	0.227	0.139	0.128	0.188	0.292
4701	47.00	0.405	0.496	0.549	0.559	0.532	0.476	0.399	0.309	0.219	0.169
4711	47.10	0.121	0.153	0.248	0.393	0.557	0.703	0.805	0.856	0.873	0.888
4721	47.20	0.929	1.009	1.119	1.230	1.312	1.352	1.356	1.355	1.381	1.453
4731	47.30	1.564	1.686	1.780	1.822	1.818	1.799	1.812	1.888	2.029	2.196
4741	47.40	2.327	2.362	2.270	2.067	1.804	1.553	1.371	1.281	1.269	1.294
4751	47.50	1.357	1.276	1.186	1.041	0.852	0.625	0.358	0.055	-0.271	-0.589
4761	47.60	-0.854	-1.027	-1.086	-1.060	-0.927	-0.797	-0.696	-0.647	-0.646	-0.675
4771	47.70	-0.713	-0.752	-0.795	-0.854	-0.934	-1.024	-1.104	-1.156	-1.167	-1.159
4781	47.80	-1.159	-1.199	-1.289	-1.412	-1.528	-1.595	-1.586	-1.513	-1.416	-1.322
4791	47.90	-1.273	-1.252	-1.215	-1.112	-0.921	-0.671	-0.442	-0.335	-0.424	-0.714
4801	48.00	-1.121	-1.500	-1.695	-1.600	-1.210	-0.624	-0.007	0.470	0.699	0.669
4811	48.10	0.467	0.231	0.098	0.144	0.363	0.678	0.983	1.184	1.237	1.160
4821	48.20	1.010	0.858	0.755	0.714	0.714	0.718	0.690	0.621	0.523	0.429
4831	48.30	0.370	0.366	0.417	0.502	0.595	0.672	0.724	0.752	0.768	0.781
4841	48.40	0.792	0.789	0.751	0.660	0.510	0.313	0.131	0.081	-0.195	-0.219
4851	48.50	-0.161	-0.058	0.033	0.052	-0.042	-0.256	-0.556	-0.888	-1.182	-1.379
4861	48.60	-1.452	-1.403	-1.268	-1.090	-0.911	-0.752	-0.619	-0.502	-0.395	-0.303
4871	48.70	-0.242	-0.237	-0.299	-0.418	-0.560	-0.671	-0.700	-0.619	-0.438	-0.202
4881	48.80	0.021	0.172	0.216	0.156	0.030	-0.114	-0.237	-0.325	-0.391	-0.460
4891	48.90	-0.549	-0.656	-0.755	-0.806	-0.781	-0.678	-0.524	-0.366	-0.247	-0.189
4901	49.00	-0.178	-0.176	-0.141	-0.051	0.085	0.226	0.325	0.368	0.296	0.201
4911	49.10	0.115	0.080	0.105	0.169	0.227	0.237	0.185	0.092	0.009	-0.012
4921	49.20	0.055	0.198	0.371	0.513	0.576	0.568	0.453	0.339	0.248	0.197
4931	49.30	0.169	0.123	0.021	-0.151	-0.367	-0.573	-0.704	-0.713	-0.595	-0.389
4941	49.40	-0.162	0.012	0.084	0.044	-0.080	-0.229	-0.339	-0.362	-0.271	-0.074
4951	49.50	0.204	0.518	0.823	1.077	1.248	1.318	1.288	1.175	1.007	0.819
4961	49.60	0.645	0.500	0.387	0.290	0.182	0.062	-0.142	-0.359	-0.588	-0.787
4971	49.70	-0.931	-1.002	-1.003	-0.956	-0.896	-0.857	-0.860	-0.931	-0.996	-1.090
4981	49.80	-1.164	-1.200	-1.190	-1.143	-1.075	-1.002	-0.933	-0.864	-0.782	-0.676
4991	49.90	-0.539	-0.378	-0.215	-0.077	0.011	0.039	0.014	-0.044	-0.107	-0.152

Table 7—30—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1177 503-GR-1-60 HA. (HA.) KANNONZAKI MAX. ACC. = 74.057 (GAL) T= 7.42 (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	-0.170	-0.164	-0.145	-0.126	-0.115	-0.109	-0.098	-0.073	-0.029	0.029
5011	50.10	0.091	0.148	0.197	0.243	0.296	0.366	0.454	0.551	0.641	0.705
5021	50.20	0.731	0.718	0.678	0.632	0.599	0.590	0.607	0.640	0.675	0.699
5031	50.30	0.706	0.696	0.680	0.668	0.673	0.697	0.738	0.780	0.802	0.781
5041	50.40	0.696	0.544	0.335	0.104	-0.107	-0.248	-0.285	-0.201	-0.009	0.256
5051	50.50	0.567	0.811	1.007	1.106	1.099	0.992	0.803	0.564	0.310	0.084
5061	50.60	-0.080	-0.157	-0.160	-0.048	0.082	0.205	0.282	0.289	0.225	0.112
5071	50.70	-0.020	-0.141	-0.232	-0.290	-0.322	-0.339	-0.349	-0.350	-0.334	-0.288
5081	50.80	-0.204	-0.081	0.068	0.222	0.354	0.433	0.437	0.355	0.195	-0.020
5091	50.90	-0.254	-0.469	-0.639	-0.753	-0.820	-0.856	-0.877	-0.884	-0.863	-0.792
5101	51.00	-0.656	-0.468	-0.269	-0.120	-0.075	-0.157	-0.339	-0.563	-0.674	-0.649
5111	51.10	-0.440	-0.084	0.326	0.681	0.893	0.934	0.835	0.672	0.526	0.454
5121	51.20	0.465	0.531	0.607	0.660	0.678	0.678	0.682	0.700	0.724	0.724
5131	51.30	0.671	0.552	0.383	0.203	0.059	-0.015	-0.011	0.053	0.142	0.223
5141	51.40	0.281	0.319	0.353	0.402	0.471	0.550	0.623	0.668	0.675	0.644
5151	51.50	0.583	0.505	0.420	0.337	0.263	0.209	0.185	0.199	0.253	0.340
5161	51.60	0.442	0.561	0.621	0.674	0.702	0.710	0.704	0.686	0.653	0.608
5171	51.70	0.556	0.508	0.476	0.465	0.465	0.459	0.422	0.343	0.227	0.099
5181	51.80	-0.006	-0.062	-0.063	-0.033	-0.013	-0.066	-0.159	-0.345	-0.570	-0.785
5191	51.90	-0.944	-1.027	-1.040	-1.012	-0.980	-0.972	-0.997	-1.045	-1.099	-1.139
5201	52.00	-1.156	-1.151	-1.132	-1.108	-1.085	-1.061	-1.034	-1.000	-0.958	-0.910
5211	52.10	-0.860	-0.808	-0.757	-0.705	-0.651	-0.594	-0.533	-0.469	-0.406	-0.349
5221	52.20	-0.309	-0.298	-0.324	-0.385	-0.464	-0.532	-0.548	-0.481	-0.320	-0.085
5231	52.30	0.176	0.400	0.530	0.536	0.428	0.252	0.069	-0.043	-0.113	-0.084
5241	52.40	-0.009	0.071	0.120	0.124	0.095	0.056	0.033	0.039	0.069	0.108
5251	52.50	0.134	0.138	0.119	0.092	0.071	0.070	0.090	0.120	0.147	0.158
5261	52.60	0.149	0.127	0.103	0.091	0.100	0.126	0.161	0.189	0.197	0.175
5271	52.70	0.118	0.030	-0.084	-0.217	-0.363	-0.513	-0.660	-0.800	-0.927	-1.041
5281	52.80	-1.147	-1.251	-1.358	-1.472	-1.590	-1.704	-1.805	-1.887	-1.950	-1.995
5291	52.90	-2.027	-2.044	-2.034	-1.951	-1.868	-1.688	-1.452	-1.188	-0.932	-0.713
5301	53.00	-0.541	-0.400	-0.259	-0.085	0.132	0.374	0.593	0.733	0.756	0.663
5311	53.10	0.500	0.341	0.263	0.310	0.474	0.703	0.922	1.066	1.110	1.078
5321	53.20	1.027	1.020	1.093	1.238	1.406	1.529	1.551	1.452	1.249	0.994
5331	53.30	0.742	0.536	0.384	0.276	0.186	0.091	-0.017	-0.126	-0.216	-0.268
5341	53.40	-0.274	-0.236	-0.172	-0.105	-0.061	-0.060	-0.113	-0.217	-0.354	-0.491
5351	53.50	-0.587	-0.607	-0.535	-0.388	-0.211	-0.066	-0.006	-0.052	-0.178	-0.317
5361	53.60	-0.385	-0.314	-0.083	0.276	0.685	1.051	1.302	1.407	1.385	1.284
5371	53.70	1.158	1.066	0.962	0.899	0.855	0.838	0.871	0.986	1.196	1.488
5381	53.80	1.815	2.111	2.315	2.393	2.348	2.214	2.036	1.855	1.689	1.535
5391	53.90	1.382	1.224	1.066	0.920	0.799	0.701	0.607	0.492	0.338	0.150
5401	54.00	-0.043	-0.197	-0.269	-0.245	-0.140	0.005	0.139	0.227	0.258	0.243
5411	54.10	0.202	0.148	0.079	-0.014	-0.136	-0.269	-0.375	-0.410	-0.346	-0.197
5421	54.20	-0.018	0.106	0.101	-0.062	-0.349	-0.674	-0.932	-1.044	-0.994	-0.833
5431	54.30	-0.652	-0.510	-0.546	-0.657	-0.812	-0.938	-0.987	-0.954	-0.879	-0.813
5441	54.40	-0.787	-0.791	-0.776	-0.684	-0.478	-0.175	0.156	0.417	0.523	0.435
5451	54.50	0.182	-0.153	-0.465	-0.663	-0.709	-0.618	-0.451	-0.286	-0.183	-0.166
5461	54.60	-0.215	-0.282	-0.309	-0.259	-0.130	0.042	0.196	0.273	0.238	0.099
5471	54.70	-0.092	-0.259	-0.334	-0.288	-0.144	0.034	0.170	0.220	0.196	0.165
5481	54.80	0.215	0.407	0.732	1.102	1.384	1.468	1.328	1.052	0.817	0.808
5491	54.90	1.121	1.698	2.327	2.712	2.599	1.891	0.708	-0.648	-1.802	-2.450

Table 7—31—1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.979	-2.697	-1.936	-0.503	0.094	0.797	1.037	0.818	0.297	-0.278
11	0.10	-0.663	-0.706	-0.395	0.149	0.735	1.182	1.396	1.397	1.296	1.235
21	0.20	1.309	1.516	1.756	1.876	1.751	1.344	0.743	0.132	-0.283	-0.358
31	0.30	-0.072	0.456	1.016	1.386	1.415	1.074	0.454	-0.275	-0.935	-1.400
41	0.40	-1.623	-1.630	-1.488	-1.268	-1.019	-0.770	-0.537	-0.338	-0.199	-0.147
51	0.50	-0.194	-0.323	-0.497	-0.668	-0.797	-0.866	-0.879	-0.844	-0.765	-0.626
61	0.60	-0.606	-0.099	0.264	0.607	0.829	0.842	0.617	0.209	-0.249	-0.586
71	0.70	-0.661	-0.424	0.058	0.619	1.052	1.186	0.960	0.440	-0.200	-0.747
81	0.80	-1.028	-0.975	-0.641	-0.179	0.229	0.441	0.406	0.183	-0.100	-0.295
91	0.90	-0.306	-0.117	0.194	0.498	0.662	0.603	0.319	-0.115	-0.575	-0.932
101	1.00	-1.091	-1.012	-0.716	-0.264	0.264	0.786	1.231	1.548	1.698	1.666
111	1.10	1.458	1.108	0.674	0.230	-0.146	-0.394	-0.478	-0.396	-0.170	0.161
121	1.20	0.546	0.934	1.271	1.509	1.612	1.568	1.396	1.144	0.881	0.669
131	1.30	0.538	0.480	0.467	0.382	0.248	0.055	-0.141	-0.262	-0.252	-0.111
141	1.40	0.089	0.228	0.190	-0.081	-0.541	-1.056	-1.452	-1.582	-1.396	-0.967
151	1.50	-0.462	-0.074	0.056	-0.099	-0.450	-0.829	-1.070	-1.078	-0.868	-0.549
161	1.60	-0.269	-0.144	-0.209	-0.404	-0.611	-0.712	-0.642	-0.416	-0.119	0.145
171	1.70	0.291	0.294	0.181	0.012	-0.159	-0.305	-0.425	-0.531	-0.622	-0.674
181	1.80	-0.659	-0.567	-0.436	-0.356	-0.430	-0.730	-1.236	-1.822	-2.291	-2.444
191	1.90	-2.175	-1.525	-0.680	0.101	0.595	0.712	0.535	0.273	0.156	0.313
201	2.00	0.701	1.116	1.293	1.062	0.362	-0.539	-1.316	-1.636	-1.327	-0.462
211	2.10	0.665	1.666	2.220	2.203	1.727	1.065	0.521	0.287	0.371	0.618
221	2.20	0.812	0.793	0.545	0.192	-0.072	-0.090	0.173	0.609	1.027	1.266
231	2.30	1.183	0.885	0.502	0.204	0.097	0.185	0.382	0.574	0.688	0.732
241	2.40	0.775	0.899	1.129	1.396	1.556	1.469	0.982	0.184	-0.788	-1.700
251	2.50	-2.325	-2.520	-2.273	-1.686	-0.930	-0.174	0.456	0.896	1.127	1.149
261	2.60	0.964	0.582	0.044	-0.557	-1.078	-1.362	-1.288	-0.832	-0.090	0.740
271	2.70	1.423	1.769	1.700	1.276	0.663	0.065	-0.357	-0.540	-0.527	-0.430
281	2.80	-0.365	-0.395	-0.508	-0.627	-0.668	-0.583	-0.395	-0.203	-0.111	-0.205
291	2.90	-0.495	-0.909	-1.316	-1.580	-1.605	-1.371	-0.933	-0.397	0.119	0.514
301	3.00	0.721	0.711	0.490	0.092	-0.417	-0.942	-1.362	-1.557	-1.441	-0.995
311	3.10	-0.284	0.547	1.316	1.855	2.055	1.892	1.413	0.712	-0.109	-0.958
321	3.20	-1.753	-2.402	-2.797	-2.822	-2.397	-1.532	-0.362	0.858	1.813	2.236
331	3.30	2.011	1.235	0.198	-0.714	-1.166	-0.993	-0.284	0.679	1.521	1.937
341	3.40	1.801	1.210	0.423	-0.261	-0.632	-0.647	-0.421	-0.154	-0.018	-0.076
351	3.50	-0.269	-0.469	-0.568	-0.552	-0.517	-0.610	-0.931	-1.446	-1.964	-2.203
361	3.60	-1.919	-1.040	0.259	1.595	2.515	2.684	2.041	0.861	-0.432	-1.261
371	3.70	-1.306	-0.552	0.690	1.918	2.651	2.637	1.944	0.918	0.011	-0.421
381	3.80	-0.275	0.276	0.885	1.206	1.063	0.522	-0.161	-0.679	-0.836	-0.644
391	3.90	-0.299	-0.069	-0.139	-0.505	-0.977	-1.284	-1.238	-0.852	-0.357	-0.088
401	4.00	-0.295	-0.969	-1.792	-2.237	-1.799	-0.254	2.177	4.841	6.875	7.524
411	4.10	6.455	3.910	0.641	-2.359	-4.219	-4.492	-3.291	-1.198	0.987	2.561
421	4.20	3.156	2.809	1.866	0.777	-0.111	-0.679	-1.016	-1.316	-1.718	-2.219
431	4.30	-2.660	-2.819	-2.540	-1.824	-0.856	0.073	0.684	0.830	0.550	0.039
441	4.40	-0.442	-0.681	-0.592	-0.230	0.252	0.684	0.951	1.019	0.931	0.758
451	4.50	0.568	0.395	0.249	0.134	0.063	0.057	0.130	0.263	0.405	0.481
461	4.60	0.432	0.241	-0.048	-0.349	-0.575	-0.680	-0.678	-0.634	-0.616	-0.650
471	4.70	-0.692	-0.638	-0.381	0.129	0.833	1.571	2.127	2.316	2.062	1.435
481	4.80	0.626	-0.126	-0.621	-0.770	-0.614	-0.288	0.046	0.270	0.346	0.312
491	4.90	0.243	0.203	0.208	0.231	0.223	0.151	0.018	-0.133	-0.251	-0.304

Table 7—31—2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.299	-0.279	-0.291	-0.355	-0.441	-0.475	-0.377	-0.106	0.306	0.745
511	5.10	1.054	1.090	0.783	0.169	-0.614	-1.379	-1.954	-2.244	-2.252	-2.071
521	5.20	-1.829	-1.634	-1.530	-1.486	-1.425	-1.269	-0.987	-0.613	-0.236	0.039
531	5.30	0.139	0.064	-0.115	-0.280	-0.322	-0.184	0.106	0.449	0.708	0.771
541	5.40	0.595	0.227	-0.218	-0.595	-0.795	-0.773	-0.568	-0.278	-0.013	0.146
551	5.50	0.174	0.103	-0.007	-0.101	-0.156	-0.174	-0.188	-0.209	-0.219	-0.166
561	5.60	0.005	0.325	0.760	1.215	1.552	1.666	1.433	0.943	0.294	-0.355
571	5.70	-0.860	-1.143	-1.213	-1.148	-1.040	-0.954	-0.897	-0.831	-0.708	-0.521
581	5.80	-0.323	-0.212	-0.285	-0.574	-1.015	-1.458	-1.724	-1.691	-1.359	-0.857
591	5.90	-0.399	-0.179	-0.279	-0.611	-0.947	-1.015	-0.625	0.229	1.349	2.391
601	6.00	3.005	2.967	2.273	1.138	-0.091	-1.072	-1.593	-1.636	-1.354	-0.991
611	6.10	-0.764	-0.781	-1.014	-1.331	-1.573	-1.621	-1.447	-1.108	-0.715	-0.383
621	6.20	-0.190	-0.160	-0.267	-0.449	-0.628	-0.723	-0.669	-0.425	0.003	0.558
631	6.30	1.136	1.601	1.849	1.829	1.576	1.206	0.868	0.690	0.726	0.937
641	6.40	1.216	1.442	1.540	1.516	1.452	1.463	1.629	1.956	2.355	2.698
651	6.50	2.864	2.800	2.551	2.237	1.996	1.922	2.025	2.226	2.603	2.653
661	6.60	2.337	2.109	1.881	1.778	1.878	2.176	2.590	2.992	3.261	3.324
671	6.70	3.178	2.873	2.480	2.058	1.623	1.150	0.597	-0.069	-0.846	-1.682
681	6.80	-2.489	-3.166	-3.652	-3.856	-3.864	-3.738	-3.591	-3.528	-3.613	-3.842
691	6.90	-4.135	-4.356	-4.342	-3.976	-3.207	-2.092	-0.780	0.520	1.601	2.314
701	7.00	2.605	2.521	2.182	1.731	1.288	0.917	0.624	0.376	0.128	-0.144
711	7.10	-0.443	-0.755	-1.067	-1.373	-1.678	-1.982	-2.262	-2.468	-2.533	-2.397
721	7.20	-2.038	-1.484	-0.807	-0.096	0.580	1.196	1.762	2.295	2.776	3.120
731	7.30	3.184	2.809	1.893	0.455	-1.334	-3.181	-4.744	-5.743	-6.040	-5.684
741	7.40	-4.882	-3.930	-3.104	-2.582	-2.394	-2.432	-2.499	-2.383	-1.922	-1.054
751	7.50	0.166	1.583	2.976	4.108	4.786	4.908	4.492	3.677	2.688	1.771
761	7.60	1.118	0.613	0.809	0.955	1.067	0.998	0.706	0.260	-0.185	-0.466
771	7.70	-0.474	-0.208	0.232	0.687	1.004	1.093	0.962	0.695	0.419	0.244
781	7.80	0.222	0.336	0.514	0.665	0.717	0.646	0.481	0.293	0.160	0.140
791	7.90	0.244	0.427	0.602	0.662	0.527	0.168	-0.370	-0.979	-1.520	-1.868
801	8.00	-1.955	-1.782	-1.617	-0.949	-0.449	0.059	0.603	1.228	1.953	2.729
811	8.10	3.436	3.911	4.010	3.666	2.933	1.969	0.990	0.193	-0.310	-0.520
821	8.20	-0.535	-0.499	-0.536	-0.704	-0.984	-1.302	-1.577	-1.758	-1.849	-1.900
831	8.30	-1.975	-2.119	-2.334	-2.576	-2.771	-2.850	-2.768	-2.525	-2.158	-1.732
841	8.40	-1.317	-0.970	-0.724	-0.582	-0.520	-0.491	-0.436	-0.298	-0.034	0.369
851	8.50	0.890	1.474	2.043	2.522	2.853	3.020	3.045	2.978	2.872	2.758
861	8.60	2.628	2.439	2.131	1.660	1.027	0.292	-0.444	-1.062	-1.475	-1.654
871	8.70	-1.640	-1.518	-1.385	-1.300	-1.268	-1.241	-1.156	-0.974	-0.716	-0.460
881	8.80	-0.315	-0.368	-0.641	-1.071	-1.534	-1.889	-2.037	-1.957	-1.707	-1.391
891	8.90	-1.115	-0.940	-0.871	-0.867	-0.875	-0.862	-0.825	-0.788	-0.777	-0.803
901	9.00	-0.862	-0.943	-1.048	-1.200	-1.425	-1.733	-2.087	-2.396	-2.544	-2.438
911	9.10	-2.054	-1.466	-0.822	-0.293	-0.002	0.027	-0.127	-0.326	-0.443	-0.412
921	9.20	-0.255	-0.047	0.139	0.292	0.472	0.783	1.305	2.036	2.867	3.614
931	9.30	4.100	4.224	4.015	3.607	3.178	2.861	2.690	2.597	2.484	2.203
941	9.40	1.809	1.376	1.039	0.899	0.954	1.080	1.079	0.769	0.069	-0.952
951	9.50	-2.094	-3.100	-3.752	-3.947	-3.718	-3.210	-2.605	-2.063	-1.672	-1.448
961	9.60	-1.351	-1.323	-1.305	-1.249	-1.112	-0.855	-0.444	0.133	0.853	1.655
971	9.70	2.452	3.149	3.673	3.980	4.063	3.937	3.632	3.186	2.654	2.107
981	9.80	1.632	1.312	1.198	1.290	1.533	1.838	2.121	2.334	2.482	2.597
991	9.90	2.699	2.752	2.654	2.276	1.527	0.429	-0.845	-2.004	-2.726	-2.779

Table 7—31—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-2.121	-0.934	0.431	1.574	2.182	2.124	1.476	0.464	-0.643	-1.635
1011	10.10	-2.413	-2.986	-3.412	-3.732	-3.927	-3.927	-3.655	-3.085	-2.280	-1.383
1021	10.20	-0.570	0.022	0.317	0.524	0.662	0.969	1.428	1.912	2.230	2.230
1031	10.30	2.200	1.717	0.806	-0.373	-1.566	-2.594	-2.944	-2.834	-2.241	-1.382
1041	10.40	-0.530	0.075	0.319	0.259	0.091	0.074	0.405	1.126	2.085	2.976
1051	10.50	3.456	3.276	2.387	0.965	-0.646	-2.064	-2.994	-3.323	-3.125	-2.601
1061	10.60	-1.976	-1.410	-0.957	-0.586	-0.239	0.109	0.428	0.650	0.721	0.665
1071	10.70	0.499	0.398	0.434	0.621	0.874	1.069	1.010	0.704	0.200	-0.332
1081	10.80	-0.695	-0.750	-0.478	0.007	0.519	0.879	0.990	0.869	0.626	0.393
1091	10.90	0.258	0.225	0.218	0.136	-0.094	-0.471	-0.925	-1.353	-1.674	-1.866
1101	11.00	-1.970	-2.054	-2.163	-2.282	-2.330	-2.201	-1.820	-1.193	-0.422	0.329
1111	11.10	0.895	1.181	1.198	1.052	0.898	0.861	0.986	1.217	1.431	1.499
1121	11.20	1.369	0.998	0.542	0.109	-0.201	-0.360	-0.419	-0.476	-0.621	-0.887
1131	11.30	-1.226	-1.531	-1.684	-1.608	-1.308	-0.871	-0.429	-0.108	0.021	-0.037
1141	11.40	-0.205	-0.382	-0.482	-0.468	-0.358	-0.206	-0.063	0.051	0.160	0.315
1151	11.50	0.561	0.906	1.286	1.597	1.710	1.526	1.025	0.281	-0.550	-1.278
1161	11.60	-1.737	-1.843	-1.616	-1.171	-0.670	-0.262	-0.030	0.033	0.009	0.009
1171	11.70	0.121	0.370	0.709	1.050	1.306	1.461	1.479	1.493	1.558	1.700
1181	11.80	1.876	1.975	1.888	1.548	0.980	0.306	-0.308	-0.723	-0.893	-0.892
1191	11.90	-0.884	-1.047	-1.483	-2.158	-2.906	-3.484	-3.679	-3.390	-2.682	-1.755
1201	12.00	-0.869	-0.244	0.020	-0.037	-0.266	-0.486	-0.560	-0.445	-0.189	0.107
1211	12.10	0.344	0.471	0.497	0.473	0.459	0.493	0.576	0.678	0.759	0.781
1221	12.20	0.725	0.575	0.327	-0.024	-0.479	-0.979	-1.481	-1.877	-2.062	-1.958
1231	12.30	-1.569	-0.693	-0.116	0.631	1.209	1.531	1.578	1.387	1.028	0.570
1241	12.40	0.068	-0.445	-0.940	-1.387	-1.741	-1.951	-1.976	-1.802	-1.453	-0.992
1251	12.50	-0.504	-0.076	0.228	0.380	0.395	0.326	0.247	0.235	0.349	0.614
1261	12.60	1.011	1.480	1.939	2.306	2.530	2.603	2.563	2.482	2.428	2.440
1271	12.70	2.510	2.588	2.601	2.492	2.242	1.884	1.484	1.123	0.857	0.703
1281	12.80	0.639	0.618	0.596	0.567	0.469	0.375	0.281	0.192	0.101	-0.003
1291	12.90	-0.124	-0.251	-0.364	-0.439	-0.469	-0.464	-0.449	-0.452	-0.488	-0.552
1301	13.00	-0.621	-0.672	-0.693	-0.692	-0.694	-0.724	-0.791	-0.883	-0.970	-1.021
1311	13.10	-1.022	-0.987	-0.948	-0.942	-0.984	-1.052	-1.089	-1.023	-0.786	-0.346
1321	13.20	0.287	1.066	1.916	2.759	3.522	4.145	4.577	4.787	4.761	4.512
1331	13.30	4.082	3.534	2.936	2.340	1.766	1.204	0.627	0.022	-0.596	-1.176
1341	13.40	-1.666	-1.949	-2.067	-2.035	-1.930	-1.835	-1.801	-1.830	-1.869	-1.847
1351	13.50	-1.709	-1.448	-1.110	-0.771	-0.503	-0.338	-0.256	-0.199	-0.103	0.064
1361	13.60	0.294	0.538	0.736	0.850	0.877	0.853	0.821	0.812	0.821	0.812
1371	13.70	0.737	0.566	0.308	0.010	-0.260	-0.443	-0.514	-0.491	-0.424	-0.368
1381	13.80	-0.360	-0.404	-0.476	-0.540	-0.570	-0.561	-0.534	-0.520	-0.543	-0.608
1391	13.90	-0.700	-0.792	-0.864	-0.914	-0.961	-1.035	-1.163	-1.348	-1.565	-1.767
1401	14.00	-1.897	-1.914	-1.807	-1.597	-1.335	-1.076	-0.870	-0.742	-0.696	-0.723
1411	14.10	-0.812	-0.955	-1.144	-1.367	-1.593	-1.775	-1.859	-1.809	-1.630	-1.370
1421	14.20	-1.114	-0.909	-0.929	-1.042	-1.215	-1.346	-1.367	-1.196	-0.947	-0.715
1431	14.30	-0.615	-0.709	-0.958	-1.238	-1.380	-1.252	-0.818	-0.163	0.541	1.101
1441	14.40	1.385	1.371	1.146	0.862	0.663	0.625	0.736	0.912	1.049	1.072
1451	14.50	0.960	0.746	0.480	0.207	-0.053	-0.292	-0.493	-0.618	-0.605	-0.406
1461	14.60	-0.018	0.490	0.988	1.327	1.399	1.186	0.772	0.308	-0.045	-0.187
1471	14.70	-0.112	0.098	0.322	0.456	0.461	0.365	0.244	0.167	0.167	0.224
1481	14.80	0.290	0.320	0.306	0.285	0.315	0.441	0.665	0.935	1.163	1.268
1491	14.90	1.206	0.996	0.708	0.435	0.252	0.186	0.210	0.256	0.244	0.114

Table 7—31—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.152	-0.524	-0.937	-1.308	-1.558	-1.630	-1.507	-1.208	-0.790	-0.326
1511	15.10	0.110	0.462	0.706	0.848	0.915	0.941	0.951	0.955	0.955	0.954
1521	15.20	0.967	1.014	1.117	1.281	1.482	1.674	1.806	1.844	1.794	1.693
1531	15.30	1.594	1.528	1.480	1.385	1.155	0.729	0.122	-0.555	-1.120	-1.377
1541	15.40	-1.198	-0.583	0.326	1.280	2.006	2.302	2.102	1.490	0.666	-0.137
1551	15.50	-0.727	-1.015	-1.017	-0.832	-0.582	-0.366	-0.232	-0.176	-0.165	-0.168
1561	15.60	-0.173	-0.191	-0.229	-0.329	-0.452	-0.583	-0.688	-0.748	-0.765	-0.761
1571	15.70	-0.770	-0.819	-0.913	-1.034	-1.148	-1.215	-1.211	-1.133	-1.001	-0.847
1581	15.80	-0.705	-0.595	-0.519	-0.467	-0.420	-0.363	-0.290	-0.204	-0.117	-0.039
1591	15.90	0.028	0.086	0.143	0.209	0.287	0.377	0.470	0.559	0.638	0.707
1601	16.00	0.765	0.812	0.844	0.853	0.832	0.780	0.708	0.639	0.603	0.625
1611	16.10	0.717	0.885	1.033	1.168	1.215	1.129	0.891	0.510	0.017	-0.537
1621	16.20	-1.099	-1.618	-2.056	-2.386	-2.589	-2.699	-2.702	-2.629	-2.503	-2.338
1631	16.30	-2.140	-1.901	-1.613	-1.272	-0.891	-0.503	-0.143	0.146	0.356	0.510
1641	16.40	0.661	0.870	1.175	1.559	1.965	2.214	2.265	1.965	1.391	0.636
1651	16.50	-0.126	-0.716	-1.004	-0.980	-0.728	-0.402	-0.158	-0.093	-0.207	-0.413
1661	16.60	-0.581	-0.597	-0.612	-0.053	0.395	0.836	1.210	1.513	1.785	2.084
1671	16.70	2.440	2.839	3.224	3.525	3.694	3.721	3.642	3.504	3.337	3.136
1681	16.80	2.860	2.665	1.930	1.288	0.621	0.029	-0.403	-0.647	-0.726	-0.701
1691	16.90	-0.629	-0.530	-0.384	-0.152	0.181	0.571	0.906	1.039	0.846	0.287
1701	17.00	-0.562	-1.521	-2.367	-2.911	-3.063	-2.863	-2.454	-2.022	-1.723	-1.633
1711	17.10	-1.732	-1.934	-2.133	-2.256	-2.281	-2.238	-2.180	-2.152	-2.173	-2.229
1721	17.20	-2.289	-2.322	-2.314	-2.262	-2.175	-2.061	-1.922	-1.755	-1.560	-1.344
1731	17.30	-1.122	-0.910	-0.721	-0.556	-0.401	-0.254	-0.109	0.023	0.128	0.191
1741	17.40	0.211	0.200	0.181	0.174	0.185	0.207	0.219	0.205	0.162	0.105
1751	17.50	0.062	0.052	0.080	0.127	0.162	0.158	0.109	0.038	-0.017	-0.016
1761	17.60	0.054	0.175	0.293	0.361	0.345	0.248	0.112	0.001	-0.028	0.051
1771	17.70	0.232	0.479	0.729	0.954	1.128	1.229	1.325	1.384	1.364	1.325
1781	17.80	1.248	1.143	1.032	0.937	0.873	0.838	0.812	0.772	0.693	0.567
1791	17.90	0.400	0.211	0.021	-0.147	-0.277	-0.357	-0.376	-0.335	-0.243	-0.127
1801	18.00	-0.028	0.017	-0.017	-0.121	-0.257	-0.373	-0.426	-0.407	-0.351	-0.317
1811	18.10	-0.360	-0.495	-0.677	-0.819	-0.830	-0.665	-0.360	-0.032	0.166	0.109
1821	18.20	-0.239	-0.796	-1.386	-1.808	-1.906	-1.636	-1.072	-0.388	0.229	0.635
1831	18.30	0.781	0.712	0.539	0.384	0.334	0.420	0.612	0.846	1.049	1.169
1841	18.40	1.182	1.098	0.953	0.799	0.683	0.637	0.660	0.719	0.762	0.718
1851	18.50	0.629	0.466	0.322	0.284	0.407	0.675	0.992	1.212	1.198	0.893
1861	18.60	0.353	-0.260	-0.743	-0.938	-0.806	-0.450	-0.070	0.121	0.001	-0.405
1871	18.70	-0.933	-1.349	-1.453	-1.166	-0.564	0.161	0.783	1.137	1.185	1.016
1881	18.80	0.793	0.679	0.764	1.036	1.399	1.727	1.918	1.938	1.821	1.644
1891	18.90	1.486	1.397	1.377	1.384	1.359	1.245	1.016	0.678	0.274	-0.131
1901	19.00	-0.468	-0.679	-0.734	-0.643	-0.452	-0.225	-0.025	0.110	0.184	0.230
1911	19.10	0.298	0.422	0.600	0.795	0.954	1.036	1.039	1.005	0.997	1.063
1921	19.20	1.199	1.337	1.366	1.179	0.728	0.053	-0.719	-1.425	-1.929	-2.177
1931	19.30	-2.217	-2.173	-2.180	-2.320	-2.582	-2.867	-3.035	-2.974	-2.660	-2.171
1941	19.40	-1.657	-1.286	-1.161	-1.302	-1.624	-1.989	-2.265	-2.371	-2.309	-2.142
1951	19.50	-1.955	-1.819	-1.753	-1.731	-1.699	-1.611	-1.453	-1.246	-1.035	-0.860
1961	19.60	-0.740	-0.663	-0.597	-0.508	-0.379	-0.220	-0.056	0.086	0.194	0.280
1971	19.70	0.368	0.485	0.638	0.810	0.964	1.058	1.069	0.998	0.878	0.755
1981	19.80	0.670	0.642	0.663	0.702	0.727	0.715	0.669	0.608	0.560	0.545
1991	19.90	0.564	0.600	0.622	0.604	0.534	0.425	0.307	0.219	0.197	0.260

Table 7—31—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.407	0.616	0.855	1.086	1.279	1.414	1.487	1.507	1.490	1.457
2011	20.10	1.423	1.394	1.370	1.338	1.290	1.219	1.125	1.016	0.903	0.795
2021	20.20	0.695	0.602	0.514	0.429	0.369	0.279	0.222	0.175	0.131	0.078
2031	20.30	0.012	-0.065	-0.140	-0.199	-0.238	-0.267	-0.317	-0.419	-0.592	-0.824
2041	20.40	-1.068	-1.252	-1.306	-1.184	-0.902	-0.518	-0.122	0.205	0.419	0.533
2051	20.50	0.601	0.693	0.860	1.110	1.402	1.668	1.842	1.890	1.815	1.654
2061	20.60	1.450	1.236	1.021	0.798	0.556	0.305	0.063	-0.142	-0.294	-0.403
2071	20.70	-0.506	-0.651	-0.868	-1.146	-1.434	-1.654	-1.735	-1.650	-1.426	-1.136
2081	20.80	-0.869	-0.693	-0.628	-0.644	-0.682	-0.689	-0.661	-0.552	-0.458	-0.394
2091	20.90	-0.369	-0.365	-0.346	-0.284	-0.178	-0.059	0.029	0.049	-0.003	-0.101
2101	21.00	-0.203	-0.278	-0.331	-0.398	-0.531	-0.760	-1.067	-1.384	-1.611	-1.664
2111	21.10	-1.516	-1.212	-0.855	-0.566	-0.430	-0.468	-0.628	-0.821	-0.961	-1.003
2121	21.20	-0.956	-0.865	-0.778	-0.718	-0.668	-0.589	-0.446	-0.237	-0.004	0.187
2131	21.30	0.276	0.240	0.108	-0.058	-0.187	-0.235	-0.202	-0.130	-0.066	-0.041
2141	21.40	-0.047	-0.042	0.020	0.164	0.365	0.560	0.668	0.634	0.453	0.177
2151	21.50	-0.104	-0.298	-0.350	-0.260	-0.079	0.119	0.268	0.334	0.327	0.283
2161	21.60	0.247	0.247	0.289	0.357	0.425	0.472	0.494	0.498	0.501	0.517
2171	21.70	0.551	0.599	0.647	0.683	0.693	0.677	0.637	0.586	0.539	0.512
2181	21.80	0.515	0.546	0.592	0.627	0.623	0.555	0.415	0.218	-0.001	-0.199
2191	21.90	-0.334	-0.384	-0.355	-0.274	-0.181	-0.114	-0.093	-0.116	-0.162	-0.203
2201	22.00	-0.215	-0.188	-0.130	-0.061	-0.001	0.033	0.041	0.033	0.027	0.042
2211	22.10	0.083	0.144	0.205	0.239	0.224	0.147	0.013	-0.150	-0.306	-0.413
2221	22.20	-0.459	-0.369	-0.215	-0.008	0.208	0.390	0.510	0.559	0.551	0.516
2231	22.30	0.480	0.472	0.495	0.541	0.587	0.611	0.603	0.564	0.515	0.478
2241	22.40	0.474	0.511	0.576	0.642	0.678	0.652	0.550	0.379	0.163	-0.058
2251	22.50	-0.236	-0.328	-0.304	-0.155	0.100	0.418	0.735	0.980	1.095	1.051
2261	22.60	0.864	0.584	0.290	0.058	-0.062	-0.062	0.028	0.155	0.274	0.365
2271	22.70	0.443	0.543	0.693	0.888	1.082	1.197	1.156	0.921	0.511	0.007
2281	22.80	-0.482	-0.856	-1.062	-1.110	-1.055	-0.971	-0.906	-0.874	-0.850	-0.799
2291	22.90	-0.707	-0.592	-0.504	-0.493	-0.580	-0.740	-0.913	-1.029	-1.051	-1.002
2301	23.00	-0.954	-1.000	-1.203	-1.558	-1.989	-2.367	-2.571	-2.536	-2.281	-1.902
2311	23.10	-1.526	-1.259	-1.143	-1.167	-1.185	-1.167	-1.036	-0.796	-0.501	-0.224
2321	23.20	-0.023	0.085	0.128	0.155	0.215	0.325	0.471	0.613	0.710	0.742
2331	23.30	0.717	0.667	0.630	0.634	0.685	0.766	0.850	0.913	0.968	0.964
2341	23.40	0.979	1.013	1.074	1.155	1.236	1.298	1.329	1.336	1.336	1.355
2351	23.50	1.410	1.503	1.613	1.707	1.747	1.709	1.587	1.402	1.186	0.977
2361	23.60	0.798	0.657	0.544	0.439	0.327	0.203	0.071	-0.058	-0.176	-0.286
2371	23.70	-0.399	-0.528	-0.677	-0.840	-0.995	-1.116	-1.178	-1.175	-1.114	-1.016
2381	23.80	-0.909	-0.816	-0.752	-0.720	-0.718	-0.735	-0.755	-0.754	-0.707	-0.590
2391	23.90	-0.396	-0.135	0.153	0.414	0.596	0.665	0.625	0.517	0.396	0.312
2401	24.00	0.288	0.307	0.332	0.326	0.277	0.213	0.187	0.255	0.434	0.691
2411	24.10	0.946	1.096	1.065	0.831	0.436	-0.026	-0.451	-0.763	-0.939	-1.008
2421	24.20	-1.025	-1.044	-1.091	-1.153	-1.199	-1.194	-1.122	-0.993	-0.834	-0.675
2431	24.30	-0.539	-0.427	-0.334	-0.252	-0.181	-0.133	-0.118	-0.143	-0.200	-0.269
2441	24.40	-0.329	-0.363	-0.370	-0.362	-0.354	-0.356	-0.369	-0.386	-0.400	-0.408
2451	24.50	-0.414	-0.427	-0.450	-0.479	-0.501	-0.504	-0.483	-0.455	-0.444	-0.477
2461	24.60	-0.565	-0.692	-0.818	-0.894	-0.882	-0.773	-0.591	-0.386	-0.198	-0.066
2471	24.70	0.015	0.066	0.120	0.200	0.305	0.420	0.522	0.600	0.665	0.741
2481	24.80	0.857	1.022	1.218	1.402	1.523	1.544	1.459	1.296	1.107	0.945
2491	24.90	0.844	0.805	0.802	0.795	0.754	0.666	0.546	0.421	0.318	0.252

Table 7—31—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.216	0.191	0.152	0.086	-0.012	-0.123	-0.225	-0.304	-0.353	-0.384
2511	25.10	-0.416	-0.470	-0.557	-0.671	-0.794	-0.899	-0.958	-0.956	-0.890	-0.776
2521	25.20	-0.636	-0.495	-0.374	-0.283	-0.222	-0.182	-0.152	-0.120	-0.079	-0.026
2531	25.30	0.038	0.108	0.179	0.245	0.303	0.352	0.396	0.440	0.490	0.552
2541	25.40	0.624	0.700	0.770	0.826	0.865	0.895	0.931	0.987	1.073	1.179
2551	25.50	1.282	1.366	1.338	1.239	1.056	0.818	0.569	0.352	0.191	0.086
2561	25.60	0.014	-0.059	-0.164	-0.312	-0.491	-0.673	-0.818	-0.895	-0.892	-0.814
2571	25.70	-0.688	-0.550	-0.438	-0.382	-0.395	-0.477	-0.609	-0.763	-0.908	-1.020
2581	25.80	-1.090	-1.124	-1.147	-1.186	-1.257	-1.367	-1.496	-1.600	-1.645	-1.598
2591	25.90	-1.452	-1.224	-0.950	-0.668	-0.409	-0.191	-0.011	0.138	0.267	0.382
2601	26.00	0.484	0.573	0.656	0.741	0.839	0.954	1.075	1.181	1.243	1.236
2611	26.10	1.156	1.018	0.856	0.708	0.605	0.557	0.552	0.565	0.569	0.547
2621	26.20	0.499	0.437	0.378	0.337	0.315	0.304	0.290	0.262	0.218	0.162
2631	26.30	0.108	0.066	0.039	0.027	0.022	0.017	0.007	-0.007	-0.020	-0.032
2641	26.40	-0.042	-0.055	-0.074	-0.098	-0.117	-0.111	-0.056	0.068	0.266	0.521
2651	26.50	0.790	1.014	1.132	1.098	0.898	0.560	0.147	-0.257	-0.569	-0.735
2661	26.60	-0.742	-0.618	-0.424	-0.230	-0.093	-0.040	-0.067	-0.145	-0.237	-0.316
2671	26.70	-0.369	-0.401	-0.425	-0.456	-0.501	-0.555	-0.611	-0.658	-0.691	-0.708
2681	26.80	-0.706	-0.685	-0.642	-0.575	-0.492	-0.409	-0.349	-0.332	-0.366	-0.428
2691	26.90	-0.491	-0.507	-0.442	-0.285	-0.057	0.193	0.412	0.556	0.613	0.605
2701	27.00	0.574	0.567	0.610	0.707	0.832	0.953	1.043	1.096	1.130	1.170
2711	27.10	1.240	1.343	1.461	1.559	1.606	1.578	1.488	1.361	1.233	1.134
2721	27.20	1.077	1.055	1.047	1.034	1.001	0.950	0.888	0.825	0.762	0.692
2731	27.30	0.602	0.484	0.340	0.183	0.034	-0.090	-0.187	-0.270	-0.366	-0.502
2741	27.40	-0.691	-0.924	-1.172	-1.391	-1.546	-1.620	-1.624	-1.591	-1.566	-1.577
2751	27.50	-1.644	-1.751	-1.866	-1.950	-1.976	-1.934	-1.839	-1.716	-1.598	-1.506
2761	27.60	-1.447	-1.414	-1.391	-1.363	-1.321	-1.266	-1.204	-1.144	-1.090	-1.045
2771	27.70	-1.006	-0.966	-0.921	-0.871	-0.817	-0.762	-0.710	-0.662	-0.618	-0.575
2781	27.80	-0.531	-0.486	-0.433	-0.378	-0.323	-0.272	-0.230	-0.201	-0.187	-0.183
2791	27.90	-0.184	-0.179	-0.162	-0.132	-0.092	-0.053	-0.024	-0.012	-0.018	-0.031
2801	28.00	-0.040	-0.030	0.005	0.064	0.140	0.219	0.292	0.353	0.403	0.447
2811	28.10	0.491	0.538	0.587	0.636	0.684	0.733	0.785	0.842	0.905	0.966
2821	28.20	1.016	1.043	1.043	1.016	0.971	0.923	0.883	0.858	0.849	0.849
2831	28.30	0.851	0.848	0.837	0.821	0.802	0.785	0.770	0.757	0.748	0.740
2841	28.40	0.735	0.730	0.719	0.696	0.655	0.595	0.522	0.445	0.375	0.321
2851	28.50	0.281	0.248	0.210	0.158	0.095	0.029	-0.022	-0.046	-0.041	-0.015
2861	28.60	0.012	0.024	0.011	-0.022	-0.062	-0.092	-0.101	-0.091	-0.073	-0.061
2871	28.70	-0.063	-0.073	-0.081	-0.073	-0.046	-0.009	0.021	0.027	0.005	-0.031
2881	28.80	-0.057	-0.050	-0.007	0.054	0.097	0.085	0.003	-0.128	-0.256	-0.310
2891	28.90	-0.238	-0.024	0.297	0.655	0.968	1.177	1.264	1.253	1.193	1.130
2901	29.00	1.087	1.055	1.004	0.906	0.750	0.553	0.353	0.186	0.072	-0.000
2911	29.10	-0.060	-0.142	-0.264	-0.417	-0.564	-0.664	-0.687	-0.630	-0.521	-0.403
2921	29.20	-0.317	-0.286	-0.303	-0.343	-0.373	-0.372	-0.338	-0.285	-0.238	-0.216
2931	29.30	-0.227	-0.264	-0.314	-0.360	-0.394	-0.415	-0.428	-0.439	-0.453	-0.473
2941	29.40	-0.499	-0.531	-0.565	-0.592	-0.616	-0.610	-0.567	-0.486	-0.370	-0.244
2951	29.50	-0.131	-0.049	-0.000	0.032	0.077	0.161	0.301	0.485	0.685	0.858
2961	29.60	0.973	1.014	0.996	0.952	0.917	0.916	0.949	0.994	1.013	0.975
2971	29.70	0.864	0.689	0.478	0.265	0.079	-0.068	-0.184	-0.287	-0.398	-0.525
2981	29.80	-0.666	-0.803	-0.914	-0.976	-0.979	-0.926	-0.831	-0.712	-0.587	-0.469
2991	29.90	-0.359	-0.249	-0.131	0.005	0.157	0.316	0.460	0.564	0.604	0.570

Table 7—31—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.466	0.305	0.126	-0.042	-0.172	-0.255	-0.296	-0.318	-0.348	-0.408
3011	30.10	-0.508	-0.482	-0.785	-0.909	-0.985	-0.998	-0.946	-0.866	-0.721	-0.539
3021	30.20	-0.499	-0.427	-0.374	-0.342	-0.306	-0.264	-0.210	-0.183	-0.161	-0.160
3031	30.30	-0.174	-0.194	-0.204	-0.196	-0.168	-0.127	-0.088	-0.062	-0.055	-0.065
3041	30.40	-0.084	-0.106	-0.128	-0.154	-0.190	-0.240	-0.299	-0.356	-0.397	-0.413
3051	30.50	-0.408	-0.396	-0.399	-0.430	-0.490	-0.562	-0.618	-0.635	-0.608	-0.556
3061	30.60	-0.523	-0.553	-0.673	-0.880	-1.131	-1.362	-1.508	-1.529	-1.424	-1.231
3071	30.70	-1.007	-0.811	-0.676	-0.605	-0.574	-0.565	-0.486	-0.382	-0.240	-0.081
3081	30.80	0.069	0.188	0.261	0.283	0.256	0.186	0.082	-0.036	-0.146	-0.219
3091	30.90	-0.234	-0.178	-0.057	0.105	0.277	0.425	0.527	0.574	0.569	0.525
3101	31.00	0.453	0.365	0.267	0.168	0.078	0.011	-0.022	-0.017	0.024	0.086
3111	31.10	0.154	0.212	0.257	0.292	0.328	0.377	0.441	0.518	0.597	0.666
3121	31.20	0.720	0.759	0.788	0.816	0.845	0.873	0.896	0.909	0.909	0.900
3131	31.30	0.889	0.882	0.883	0.890	0.899	0.905	0.909	0.912	0.920	0.933
3141	31.40	0.950	0.967	0.979	0.985	0.990	0.998	1.014	1.036	1.058	1.071
3151	31.50	1.070	1.059	1.051	1.065	1.112	1.191	1.283	1.360	1.394	1.371
3161	31.60	1.297	1.195	1.100	1.036	1.010	1.009	1.003	0.970	0.895	0.788
3171	31.70	0.669	0.564	0.486	0.429	0.378	0.312	0.221	0.114	0.012	-0.060
3181	31.80	-0.091	-0.086	-0.068	-0.060	-0.070	-0.083	-0.062	0.033	0.222	0.489
3191	31.90	0.776	1.003	1.097	1.022	0.793	0.476	0.158	-0.089	-0.231	-0.286
3201	32.00	-0.310	-0.369	-0.509	-0.732	-0.999	-1.249	-1.423	-1.494	-1.471	-1.392
3211	32.10	-1.308	-1.254	-1.245	-1.268	-1.300	-1.320	-1.321	-1.311	-1.307	-1.321
3221	32.20	-1.356	-1.392	-1.420	-1.421	-1.393	-1.342	-1.283	-1.227	-1.180	-1.136
3231	32.30	-1.089	-1.032	-0.969	-0.909	-0.866	-0.849	-0.861	-0.897	-0.948	-1.010
3241	32.40	-1.082	-1.169	-1.269	-1.375	-1.462	-1.500	-1.459	-1.323	-1.097	-0.811
3251	32.50	-0.508	-0.234	-0.025	0.100	0.144	0.123	0.062	-0.011	-0.068	-0.084
3261	32.60	-0.033	0.084	0.286	0.552	0.852	1.146	1.391	1.558	1.637	1.638
3271	32.70	1.585	1.506	1.423	1.344	1.268	1.188	1.100	1.006	0.912	0.828
3281	32.80	0.755	0.687	0.614	0.521	0.405	0.271	0.132	0.007	-0.090	-0.154
3291	32.90	-0.190	-0.214	-0.239	-0.278	-0.334	-0.405	-0.485	-0.568	-0.647	-0.714
3301	33.00	-0.763	-0.785	-0.772	-0.724	-0.648	-0.556	-0.468	-0.400	-0.360	-0.344
3311	33.10	-0.339	-0.330	-0.304	-0.259	-0.201	-0.143	-0.098	-0.069	-0.052	-0.037
3321	33.20	-0.012	0.028	0.081	0.136	0.184	0.217	0.238	0.254	0.275	0.309
3331	33.30	0.356	0.414	0.476	0.540	0.610	0.695	0.802	0.932	1.072	1.199
3341	33.40	1.284	1.306	1.257	1.148	1.007	0.865	0.751	0.677	0.639	0.618
3351	33.50	0.592	0.553	0.484	0.358	0.236	0.109	-0.014	-0.129	-0.237	-0.340
3361	33.60	-0.438	-0.532	-0.623	-0.712	-0.807	-0.911	-1.028	-1.152	-1.271	-1.369
3371	33.70	-1.432	-1.453	-1.437	-1.399	-1.359	-1.331	-1.324	-1.335	-1.357	-1.378
3381	33.80	-1.395	-1.407	-1.418	-1.431	-1.444	-1.449	-1.433	-1.385	-1.304	-1.195
3391	33.90	-1.074	-0.956	-0.859	-0.782	-0.723	-0.672	-0.623	-0.573	-0.524	-0.485
3401	34.00	-0.460	-0.452	-0.456	-0.457	-0.453	-0.434	-0.398	-0.343	-0.268	-0.169
3411	34.10	-0.040	0.120	0.309	0.514	0.712	0.880	0.997	1.057	1.066	1.036
3421	34.20	0.998	0.968	0.957	0.966	0.988	1.013	1.035	1.055	1.076	1.101
3431	34.30	1.131	1.159	1.176	1.173	1.143	1.089	1.018	0.942	0.872	0.814
3441	34.40	0.768	0.734	0.707	0.688	0.676	0.676	0.685	0.701	0.719	0.729
3451	34.50	0.728	0.716	0.701	0.694	0.706	0.740	0.795	0.859	0.919	0.961
3461	34.60	0.979	0.975	0.957	0.939	0.931	0.938	0.962	0.998	1.041	1.091
3471	34.70	1.145	1.204	1.263	1.313	1.341	1.335	1.284	1.190	1.066	0.931
3481	34.80	0.806	0.707	0.638	0.591	0.553	0.507	0.443	0.361	0.267	0.173
3491	34.90	0.090	0.023	-0.026	-0.058	-0.075	-0.077	-0.062	-0.032	0.007	0.043

Table 7—31—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.065	0.060	0.027	-0.026	-0.085	-0.133	-0.160	-0.168	-0.169	-0.180
3511	35.10	-0.218	-0.288	-0.384	-0.495	-0.607	-0.712	-0.812	-0.915	-1.026	-1.143
3521	35.20	-1.255	-1.342	-1.384	-1.369	-1.303	-1.206	-1.098	-1.010	-0.952	-0.924
3531	35.30	-0.913	-0.903	-0.885	-0.855	-0.822	-0.795	-0.781	-0.779	-0.782	-0.780
3541	35.40	-0.766	-0.741	-0.712	-0.687	-0.674	-0.672	-0.672	-0.662	-0.633	-0.580
3551	35.50	-0.510	-0.431	-0.354	-0.286	-0.225	-0.169	-0.113	-0.057	-0.005	0.032
3561	35.60	-0.067	0.007	0.077	0.145	-0.067	-0.086	-0.085	-0.075	-0.065	-0.069
3571	35.70	-0.096	-0.146	-0.211	-0.280	-0.338	-0.374	-0.384	-0.365	-0.322	-0.258
3581	35.80	-0.179	-0.092	-0.004	0.078	0.145	0.194	0.225	0.242	0.256	0.279
3591	35.90	0.317	0.372	0.435	0.493	0.529	0.531	0.493	0.422	0.330	0.236
3601	36.00	0.154	0.094	0.053	0.024	-0.005	-0.043	-0.093	-0.153	-0.214	-0.267
3611	36.10	-0.305	-0.328	-0.338	-0.343	-0.350	-0.364	-0.385	-0.411	-0.438	-0.464
3621	36.20	-0.488	-0.511	-0.536	-0.562	-0.585	-0.599	-0.599	-0.581	-0.546	-0.504
3631	36.30	-0.452	-0.433	-0.420	-0.423	-0.431	-0.434	-0.423	-0.391	-0.342	-0.284
3641	36.40	-0.228	-0.181	-0.144	-0.113	-0.080	-0.040	0.012	0.069	0.124	0.166
3651	36.50	0.187	0.185	0.165	0.134	0.101	0.072	0.049	0.029	0.009	-0.014
3661	36.60	-0.042	-0.073	-0.104	-0.131	-0.154	-0.174	-0.193	-0.216	-0.244	-0.277
3671	36.70	-0.309	-0.334	-0.341	-0.324	-0.281	-0.215	-0.136	-0.059	0.003	0.043
3681	36.80	0.060	0.064	0.070	0.091	0.135	0.201	0.285	0.377	0.473	0.575
3691	36.90	0.691	0.827	0.980	1.137	1.274	1.364	1.386	1.332	1.218	1.069
3701	37.00	0.919	0.793	0.702	0.643	0.600	0.558	0.505	0.441	0.371	0.300
3711	37.10	0.231	0.163	0.092	0.014	-0.063	-0.128	-0.169	-0.176	-0.151	-0.106
3721	37.20	-0.058	-0.021	-0.005	-0.006	-0.015	-0.020	-0.017	-0.006	0.007	0.014
3731	37.30	0.012	0.007	0.007	0.019	0.049	0.095	0.152	0.217	0.287	0.366
3741	37.40	0.453	0.543	0.621	0.666	0.658	0.586	0.457	0.293	0.123	-0.027
3751	37.50	-0.144	-0.231	-0.303	-0.377	-0.461	-0.549	-0.624	-0.669	-0.671	-0.636
3761	37.60	-0.580	-0.528	-0.501	-0.506	-0.537	-0.579	-0.613	-0.630	-0.625	-0.606
3771	37.70	-0.577	-0.543	-0.500	-0.446	-0.378	-0.302	-0.227	-0.165	-0.134	-0.099
3781	37.80	-0.080	-0.049	0.005	0.086	0.186	0.288	0.379	0.450	0.505	0.559
3791	37.90	0.623	0.705	0.802	0.899	0.978	1.026	1.039	1.025	1.000	0.981
3801	38.00	0.976	0.986	1.004	1.024	1.039	1.052	1.066	1.086	1.109	1.127
3811	38.10	1.126	1.096	1.032	0.943	0.846	0.759	0.697	0.661	0.643	0.625
3821	38.20	0.587	0.520	0.424	0.312	0.199	0.096	0.009	-0.067	-0.145	-0.232
3831	38.30	-0.330	-0.431	-0.522	-0.587	-0.618	-0.616	-0.594	-0.567	-0.553	-0.558
3841	38.40	-0.585	-0.619	-0.655	-0.682	-0.697	-0.705	-0.711	-0.721	-0.739	-0.761
3851	38.50	-0.782	-0.796	-0.802	-0.802	-0.801	-0.807	-0.821	-0.842	-0.866	-0.883
3861	38.60	-0.891	-0.886	-0.874	-0.861	-0.856	-0.856	-0.865	-0.876	-0.881	-0.876
3871	38.70	-0.864	-0.852	-0.848	-0.857	-0.878	-0.901	-0.908	-0.883	-0.815	-0.707
3881	38.80	-0.574	-0.436	-0.314	-0.221	-0.153	-0.100	-0.043	0.030	0.123	0.228
3891	38.90	0.330	0.416	0.482	0.536	0.594	0.672	0.776	0.898	1.016	1.100
3901	39.00	1.130	1.096	1.008	0.891	0.772	0.675	0.609	0.570	0.565	0.520
3911	39.10	0.487	0.446	0.403	0.368	0.344	0.332	0.324	0.313	0.293	0.263
3921	39.20	0.228	0.191	0.158	0.131	0.108	0.090	0.075	0.066	0.065	0.072
3931	39.30	0.085	0.099	0.109	0.111	0.105	0.094	0.084	0.079	0.080	0.086
3941	39.40	0.093	0.095	0.091	0.084	0.075	0.070	0.068	0.070	0.074	0.081
3951	39.50	0.091	0.109	0.138	0.176	0.219	0.258	0.284	0.295	0.295	0.296
3961	39.60	0.311	0.366	0.399	0.452	0.482	0.468	0.396	0.273	0.118	-0.040
3971	39.70	-0.176	-0.276	-0.344	-0.395	-0.452	-0.531	-0.634	-0.752	-0.866	-0.957
3981	39.80	-1.012	-1.032	-1.025	-1.008	-0.994	-0.992	-1.003	-1.026	-1.053	-1.082
3991	39.90	-1.110	-1.135	-1.157	-1.173	-1.186	-1.196	-1.209	-1.231	-1.264	-1.305

Table 7—31—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1178 S03-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.526 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.345	-1.368	-1.358	-1.307	-1.218	-1.104	-0.986	-0.882	-0.802	-0.747
4011	40.10	-0.706	-0.662	-0.607	-0.536	-0.457	-0.380	-0.312	-0.257	-0.207	-0.153
4021	40.20	-0.087	-0.009	0.074	0.146	0.195	0.213	0.204	0.180	0.155	0.143
4031	40.30	0.148	0.167	0.193	0.216	0.231	0.237	0.240	0.244	0.253	0.267
4041	40.40	0.286	0.300	0.312	0.321	0.328	0.336	0.366	0.358	0.372	0.386
4051	40.50	0.395	0.405	0.413	0.422	0.431	0.441	0.450	0.461	0.473	0.486
4061	40.60	0.499	0.511	0.519	0.523	0.524	0.529	0.544	0.576	0.626	0.692
4071	40.70	0.765	0.835	0.892	0.934	0.965	0.995	1.033	1.086	1.147	1.211
4081	40.80	1.264	1.292	1.289	1.259	1.212	1.163	1.125	1.106	1.103	1.111
4091	40.90	1.117	1.113	1.097	1.073	1.049	1.033	1.029	1.036	1.044	1.040
4101	41.00	1.014	0.961	0.883	0.793	0.702	0.623	0.561	0.514	0.472	0.426
4111	41.10	0.370	0.304	0.233	0.166	0.108	0.061	0.019	-0.027	-0.084	-0.156
4121	41.20	-0.237	-0.313	-0.371	-0.396	-0.386	-0.345	-0.285	-0.224	-0.173	-0.140
4131	41.30	-0.123	-0.118	-0.114	-0.107	-0.091	-0.068	-0.039	-0.010	0.017	0.038
4141	41.40	0.051	0.055	0.069	0.033	0.009	-0.017	-0.042	-0.062	-0.074	-0.080
4151	41.50	-0.084	-0.088	-0.096	-0.109	-0.126	-0.139	-0.152	-0.161	-0.168	-0.175
4161	41.60	-0.183	-0.195	-0.208	-0.221	-0.233	-0.242	-0.249	-0.256	-0.266	-0.279
4171	41.70	-0.296	-0.311	-0.327	-0.341	-0.352	-0.363	-0.373	-0.386	-0.399	-0.414
4181	41.80	-0.428	-0.441	-0.452	-0.463	-0.474	-0.486	-0.499	-0.513	-0.527	-0.540
4191	41.90	-0.551	-0.561	-0.571	-0.583	-0.596	-0.611	-0.626	-0.641	-0.652	-0.658
4201	42.00	-0.660	-0.658	-0.652	-0.645	-0.639	-0.635	-0.634	-0.636	-0.639	-0.643
4211	42.10	-0.644	-0.643	-0.639	-0.635	-0.633	-0.633	-0.636	-0.641	-0.645	-0.644
4221	42.20	-0.638	-0.625	-0.607	-0.586	-0.566	-0.548	-0.533	-0.520	-0.508	-0.497
4231	42.30	-0.484	-0.471	-0.457	-0.443	-0.429	-0.416	-0.403	-0.389	-0.376	-0.363
4241	42.40	-0.349	-0.336	-0.323	-0.310	-0.297	-0.283	-0.269	-0.256	-0.243	-0.231
4251	42.50	-0.219	-0.206	-0.192	-0.178	-0.164	-0.151	-0.139	-0.127	-0.115	-0.103
4261	42.60	-0.089	-0.074	-0.060	-0.048	-0.037	-0.026	-0.014	-0.001	0.013	0.028
4271	42.70	0.042	0.052	0.061	0.071	0.085	0.104	0.122	0.132	0.121	0.079
4281	42.80	0.003	-0.095	-0.191	-0.250	-0.242	-0.147	0.033	0.272	0.526	0.768
4291	42.90	0.900	0.965	0.951	0.888	0.812	0.754	0.731	0.742	0.773	0.804
4301	43.00	0.822	0.824	0.816	0.809	0.813	0.829	0.850	0.859	0.877	0.873
4311	43.10	0.863	0.858	0.866	0.889	0.920	0.945	0.950	0.924	0.865	0.779
4321	43.20	0.677	0.574	0.479	0.398	0.330	0.273	0.221	0.169	0.113	0.049
4331	43.30	-0.025	-0.107	-0.193	-0.272	-0.334	-0.369	-0.372	-0.345	-0.299	-0.247
4341	43.40	-0.205	-0.180	-0.174	-0.181	-0.191	-0.195	-0.188	-0.173	-0.153	-0.137
4351	43.50	-0.128	-0.126	-0.127	-0.126	-0.120	-0.108	-0.095	-0.082	-0.073	-0.069
4361	43.60	-0.067	-0.065	-0.059	-0.049	-0.038	-0.027	-0.019	-0.014	-0.011	-0.008
4371	43.70	-0.002	0.006	0.016	0.025	0.033	0.038	0.042	0.045	0.051	0.058
4381	43.80	0.067	0.076	0.084	0.089	0.093	0.097	0.102	0.109	0.117	0.125
4391	43.90	0.133	0.138	0.142	0.145	0.150	0.156	0.166	0.173	0.180	0.185
4401	44.00	0.189	0.192	0.196	0.202	0.210	0.218	0.225	0.231	0.234	0.237
4411	44.10	0.241	0.246	0.254	0.262	0.270	0.275	0.278	0.280	0.283	0.289
4421	44.20	0.297	0.306	0.314	0.319	0.321	0.322	0.325	0.330	0.339	0.350
4431	44.30	0.359	0.363	0.363	0.362	0.363	0.370	0.382	0.396	0.406	0.408
4441	44.40	0.403	0.395	0.394	0.407	0.433	0.462	0.477	0.456	0.386	0.266
4451	44.50	0.113	-0.049	-0.192	-0.299	-0.360	-0.419	-0.473	-0.551	-0.663	-0.798
4461	44.60	-0.930	-1.030	-1.073	-1.054	-0.984	-0.887	-0.793	-0.722	-0.683	-0.668
4471	44.70	-0.665	-0.659	-0.641	-0.611	-0.574	-0.536	-0.507	-0.482	-0.459	-0.436
4481	44.80	-0.413	-0.391	-0.377	-0.372	-0.378	-0.389	-0.400	-0.405	-0.409	-0.389
4491	44.90	-0.374	-0.363	-0.357	-0.357	-0.359	-0.360	-0.356	-0.348	-0.357	-0.328

Table 7—31—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1178 S03-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.526 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.322	-0.320	-0.320	-0.318	-0.314	-0.307	-0.298	-0.290	-0.284	-0.281
4511	45.10	-0.278	-0.276	-0.271	-0.265	-0.257	-0.249	-0.243	-0.239	-0.236	-0.232
4521	45.20	-0.224	-0.221	-0.213	-0.206	-0.200	-0.195	-0.191	-0.187	-0.181	-0.175
4531	45.30	-0.168	-0.161	-0.155	-0.149	-0.144	-0.139	-0.134	-0.128	-0.121	-0.114
4541	45.40	-0.107	-0.102	-0.096	-0.091	-0.085	-0.079	-0.072	-0.065	-0.058	-0.052
4551	45.50	-0.046	-0.040	-0.034	-0.028	-0.021	-0.014	-0.007	-0.001	0.006	0.012
4561	45.60	0.018	0.025	0.032	0.039	0.045	0.052	0.059	0.066	0.072	0.079
4571	45.70	0.086	0.093	0.100	0.107	0.113	0.120	0.127	0.134	0.141	0.148
4581	45.80	0.155	0.162	0.169	0.176	0.184	0.191	0.198	0.205	0.212	0.219
4591	45.90	0.226	0.233	0.241	0.248	0.256	0.263	0.269	0.276	0.283	0.290
4601	46.00	0.298	0.306	0.314	0.321	0.328	0.334	0.340	0.348	0.356	0.365
4611	46.10	0.373	0.380	0.386	0.392	0.398	0.405	0.414	0.424	0.433	0.440
4621	46.20	0.445	0.449	0.454	0.461	0.472	0.485	0.498	0.505	0.504	0.494
4631	46.30	0.475	0.452	0.428	0.408	0.393	0.381	0.372	0.364	0.353	0.340
4641	46.40	0.326	0.312	0.299	0.286	0.274	0.262	0.250	0.238	0.225	0.212
4651	46.50	0.200	0.187	0.174	0.160	0.147	0.135	0.123	0.112	0.100	0.087
4661	46.60	0.072	0.057	0.043	0.030	0.020	0.010	-0.001	-0.014	-0.031	-0.049
4671	46.70	-0.067	-0.080	-0.085	-0.081	-0.070	-0.054	-0.038	-0.025	-0.016	-0.011
4681	46.80	-0.008	-0.006	-0.002	0.003	0.009	0.016	0.022	0.028	0.034	0.039
4691	46.90	0.044	0.048	0.052	0.056	0.061	0.068	0.075	0.082	0.088	0.091
4701	47.00	0.093	0.094	0.096	0.103	0.113	0.126	0.136	0.139	0.131	0.110
4711	47.10	0.077	0.038	-0.004	-0.043	-0.078	-0.103	-0.125	-0.145	-0.165	-0.186
4721	47.20	-0.210	-0.238	-0.269	-0.302	-0.336	-0.366	-0.388	-0.397	-0.388	-0.363
4731	47.30	-0.324	-0.279	-0.237	-0.203	-0.183	-0.173	-0.170	-0.165	-0.152	-0.129
4741	47.40	-0.100	-0.069	-0.043	-0.028	-0.021	-0.018	-0.010	0.009	0.040	0.079
4751	47.50	0.113	0.132	0.125	0.090	0.052	-0.037	-0.104	-0.161	-0.204	-0.235
4761	47.60	-0.263	-0.294	-0.331	-0.373	-0.415	-0.453	-0.487	-0.519	-0.554	-0.586
4771	47.70	-0.644	-0.694	-0.735	-0.756	-0.753	-0.727	-0.685	-0.640	-0.604	-0.582
4781	47.80	-0.575	-0.576	-0.577	-0.571	-0.558	-0.538	-0.518	-0.502	-0.491	-0.485
4791	47.90	-0.479	-0.471	-0.459	-0.443	-0.426	-0.412	-0.401	-0.393	-0.385	-0.376
4801	48.00	-0.364	-0.350	-0.335	-0.322	-0.311	-0.302	-0.293	-0.284	-0.272	-0.259
4811	48.10	-0.245	-0.232	-0.221	-0.212	-0.203	-0.193	-0.181	-0.169	-0.156	-0.145
4821	48.20	-0.134	-0.125	-0.115	-0.105	-0.094	-0.082	-0.070	-0.059	-0.048	-0.038
4831	48.30	-0.029	-0.019	-0.008	0.004	0.016	0.027	0.037	0.047	0.057	0.068
4841	48.40	0.079	0.090	0.101	0.112	0.123	0.133	0.143	0.154	0.164	0.175
4851	48.50	0.186	0.197	0.208	0.219	0.229	0.240	0.250	0.261	0.272	0.283
4861	48.60	0.293	0.304	0.315	0.326	0.337	0.347	0.357	0.368	0.379	0.392
4871	48.70	0.404	0.415	0.424	0.429	0.432	0.433	0.434	0.436	0.440	0.445
4881	48.80	0.451	0.458	0.463	0.468	0.472	0.476	0.481	0.486	0.491	0.495
4891	48.90	0.501	0.506	0.513	0.519	0.524	0.527	0.527	0.527	0.531	0.547
4901	49.00	0.579	0.632	0.701	0.779	0.855	0.917	0.961	0.988	1.008	1.037
4911	49.10	1.084	1.152	1.234	1.311	1.359	1.359	1.304	1.199	1.062	0.921
4921	49.20	0.796	0.702	0.640	0.596	0.556	0.503	0.431	0.344	0.251	0.166
4931	49.30	0.096	0.040	-0.009	-0.063	-0.133	-0.219	-0.316	-0.408	-0.480	-0.520
4941	49.40	-0.525	-0.501	-0.463	-0.426	-0.402	-0.395	-0.402	-0.417	-0.429	-0.435
4951	49.50	-0.433	-0.428	-0.422	-0.421	-0.425	-0.431	-0.436	-0.438	-0.436	-0.433
4961	49.60	-0.431	-0.431	-0.435	-0.440	-0.443	-0.442	-0.440	-0.436	-0.435	-0.437
4971	49.70	-0.442	-0.447	-0.449	-0.446	-0.441	-0.436	-0.436	-0.439	-0.448	-0.457
4981	49.80	-0.459	-0.449	-0.425	-0.389	-0.347	-0.308	-0.274	-0.248	-0.226	-0.204
4991	49.90	-0.180	-0.153	-0.124	-0.098	-0.075	-0.055	-0.033	-0.005	0.030	0.070

Table 7—31—11

TABLE OF CORRECTED ACCELERATION RECORD

NO.11

INDEX NO. 1178 503-GR-1-60 U-D (U-D) KANNONZAKI MAX. ACC. = 7.524 (GAL) T= 4.10 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	0.104	0.122	0.112	0.067	-0.011	-0.110	-0.216	-0.311	-0.383	-0.425
5011	50.10	-0.438	-0.428	-0.405	-0.377	-0.354	-0.337	-0.328	-0.326	-0.328	-0.330
5021	50.20	-0.332	-0.332	-0.329	-0.325	-0.320	-0.315	-0.312	-0.311	-0.310	-0.310
5031	50.30	-0.308	-0.305	-0.301	-0.297	-0.293	-0.291	-0.290	-0.289	-0.287	-0.286
5041	50.40	-0.280	-0.276	-0.272	-0.270	-0.268	-0.267	-0.265	-0.261	-0.257	-0.254
5051	50.50	-0.250	-0.248	-0.246	-0.245	-0.242	-0.239	-0.234	-0.230	-0.227	-0.225
5061	50.60	-0.224	-0.224	-0.221	-0.215	-0.205	-0.192	-0.177	-0.161	-0.147	-0.136
5071	50.70	-0.124	-0.115	-0.106	-0.096	-0.085	-0.073	-0.061	-0.049	-0.038	-0.028
5081	50.80	-0.018	-0.008	0.003	0.014	0.025	0.037	0.048	0.059	0.069	0.079
5091	50.90	0.090	0.100	0.112	0.123	0.135	0.146	0.156	0.166	0.176	0.186
5101	51.00	0.198	0.209	0.221	0.233	0.243	0.253	0.262	0.272	0.283	0.295
5111	51.10	0.307	0.319	0.330	0.338	0.346	0.355	0.366	0.379	0.394	0.409
5121	51.20	0.419	0.424	0.421	0.411	0.398	0.385	0.373	0.366	0.362	0.360
5131	51.30	0.359	0.356	0.351	0.344	0.338	0.332	0.327	0.323	0.319	0.315
5141	51.40	0.310	0.304	0.298	0.293	0.288	0.283	0.279	0.274	0.269	0.266
5151	51.50	0.258	0.252	0.247	0.242	0.238	0.233	0.227	0.222	0.216	0.211
5161	51.60	0.206	0.201	0.196	0.190	0.185	0.180	0.174	0.168	0.163	0.158
5171	51.70	0.153	0.147	0.142	0.136	0.131	0.125	0.119	0.114	0.109	0.103
5181	51.80	0.098	0.092	0.087	0.081	0.075	0.069	0.063	0.059	0.055	0.052
5191	51.90	0.050	0.048	0.047	0.044	0.041	0.038	0.033	0.030	0.026	0.023
5201	52.00	0.021	0.018	0.015	0.012	0.008	0.004	0.000	-0.003	-0.006	-0.008
5211	52.10	-0.011	-0.014	-0.018	-0.022	-0.026	-0.029	-0.032	-0.035	-0.037	-0.041
5221	52.20	-0.044	-0.048	-0.052	-0.055	-0.058	-0.061	-0.063	-0.066	-0.070	-0.074
5231	52.30	-0.077	-0.081	-0.084	-0.087	-0.089	-0.092	-0.095	-0.099	-0.102	-0.106
5241	52.40	-0.109	-0.112	-0.114	-0.117	-0.120	-0.123	-0.127	-0.130	-0.133	-0.136
5251	52.50	-0.139	-0.141	-0.144	-0.147	-0.150	-0.153	-0.157	-0.159	-0.162	-0.164
5261	52.60	-0.167	-0.169	-0.172	-0.175	-0.178	-0.181	-0.184	-0.186	-0.188	-0.190
5271	52.70	-0.193	-0.195	-0.199	-0.202	-0.204	-0.206	-0.208	-0.209	-0.211	-0.214
5281	52.80	-0.217	-0.220	-0.222	-0.224	-0.226	-0.226	-0.228	-0.230	-0.233	-0.236
5291	52.90	-0.239	-0.241	-0.241	-0.242	-0.242	-0.244	-0.247	-0.250	-0.253	-0.255
5301	53.00	-0.255	-0.254	-0.254	-0.255	-0.258	-0.262	-0.265	-0.267	-0.266	-0.265
5311	53.10	-0.263	-0.263	-0.266	-0.271	-0.275	-0.277	-0.275	-0.272	-0.269	-0.269
5321	53.20	-0.272	-0.277	-0.282	-0.284	-0.282	-0.277	-0.272	-0.270	-0.274	-0.281
5331	53.30	-0.287	-0.290	-0.286	-0.278	-0.270	-0.268	-0.272	-0.283	-0.292	-0.295
5341	53.40	-0.288	-0.274	-0.260	-0.256	-0.266	-0.288	-0.310	-0.315	-0.290	-0.227
5351	53.50	-0.134	-0.025	0.081	0.168	0.234	0.286	0.338	0.401	0.478	0.563
5361	53.60	0.639	0.688	0.700	0.677	0.632	0.583	0.548	0.535	0.543	0.562
5371	53.70	0.579	0.586	0.581	0.569	0.558	0.553	0.556	0.565	0.573	0.576
5381	53.80	0.572	0.564	0.557	0.553	0.555	0.560	0.566	0.569	0.567	0.562
5391	53.90	0.556	0.553	0.553	0.557	0.563	0.567	0.568	0.565	0.560	0.555
5401	54.00	0.553	0.557	0.565	0.575	0.583	0.582	0.566	0.533	0.482	0.420
5411	54.10	0.352	0.289	0.236	0.196	0.166	0.139	0.109	0.068	0.017	-0.042
5421	54.20	-0.103	-0.161	-0.214	-0.263	-0.312	-0.363	-0.419	-0.477	-0.532	-0.581
5431	54.30	-0.624	-0.666	-0.714	-0.773	-0.843	-0.915	-0.972	-0.996	-0.975	-0.908
5441	54.40	-0.808	-0.698	-0.602	-0.537	-0.505	-0.495	-0.487	-0.461	-0.411	-0.362
5451	54.50	-0.271	-0.213	-0.178	-0.161	-0.146	-0.117	-0.063	0.009	0.081	0.134
5461	54.60	0.161	0.170	0.190	0.251	0.370	0.533	0.698	0.802	0.795	0.659
5471	54.70	0.423	0.155	-0.061	-0.162	-0.130	0.003	0.168	0.293	0.333	0.292
5481	54.80	0.210	0.166	0.142	0.203	0.295	0.368	0.380	0.326	0.242	0.184
5491	54.90	0.200	0.300	0.442	0.553	0.554	0.404	0.122	-0.221	-0.524	-0.701

Table 7—32—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	-1.409	-2.506	-2.850	-2.268	-1.029	0.252	0.899	0.504	-0.844	-2.571
11	0.10	-3.856	-4.004	-2.768	-0.479	2.083	4.020	4.691	3.958	2.219	0.207
21	0.20	-1.327	-1.901	-1.453	-0.292	1.078	2.177	2.720	2.661	2.149	1.425
31	0.30	0.727	0.228	0.018	0.102	0.402	0.763	0.983	0.874	0.343	-0.539
41	0.40	-1.530	-2.282	-2.490	-2.036	-1.069	0.037	0.833	1.005	0.522	-0.362
51	0.50	-1.138	-1.465	-1.174	-0.652	0.269	0.527	0.076	-0.973	-2.188	-3.011
61	0.60	-3.025	-2.155	-0.705	0.787	1.802	2.096	1.762	1.192	0.843	0.992
71	0.70	1.596	2.310	2.684	2.388	1.397	0.020	-1.245	-1.942	-1.868	-1.162
81	0.80	-0.220	0.507	0.731	0.463	-0.016	-0.315	-0.148	0.505	1.386	2.080
91	0.90	2.227	1.707	0.706	-0.365	-1.069	-1.150	-0.656	0.100	0.679	0.747
101	1.00	0.226	-0.675	-1.575	-2.115	-2.135	-1.751	-1.280	-1.072	-1.322	-1.958
111	1.10	-2.669	-3.055	-2.814	-1.900	-0.545	0.830	1.801	2.110	1.757	0.979
121	1.20	0.133	-0.456	-0.609	-0.336	0.212	0.817	1.288	1.506	1.442	1.142
131	1.30	0.702	0.252	-0.072	-0.156	0.041	0.453	0.896	1.117	0.889	0.126
141	1.40	-1.047	-2.296	-3.187	-3.353	-2.648	-1.221	0.535	2.135	3.185	3.524
151	1.50	3.236	2.569	1.779	1.005	0.230	-0.643	-1.671	-2.761	-3.659	-4.041
161	1.60	-3.676	-2.568	-0.990	0.598	1.735	2.149	1.860	1.148	0.402	-0.071
171	1.70	-0.175	-0.066	0.053	-0.102	-0.568	-1.200	-1.732	-1.920	-1.675	-1.103
181	1.80	-0.453	0.020	0.177	0.057	-0.165	-0.285	-0.108	0.095	0.415	0.597
191	1.90	0.551	0.322	0.066	-0.038	0.107	0.466	0.895	1.230	1.387	1.411
201	2.00	1.442	1.620	1.972	2.361	2.529	2.213	1.303	-0.079	-1.590	-2.800
211	2.10	-3.368	-3.190	-2.435	-1.457	-0.620	-0.130	0.040	0.100	0.295	0.735
221	2.20	1.302	1.694	1.576	0.777	-0.576	-2.071	-3.168	-3.426	-2.713	-1.271
231	2.30	0.379	1.662	2.196	1.942	1.197	0.434	0.068	0.269	0.900	1.612
241	2.40	2.032	1.957	1.447	0.791	0.356	0.396	0.946	1.787	2.561	2.920
251	2.50	2.674	1.883	0.683	-0.528	-1.488	-2.015	-2.064	-1.702	-1.071	-0.338
261	2.60	0.328	0.783	0.930	0.746	0.300	-0.252	-0.706	-0.892	-0.738	-0.311
271	2.70	0.203	0.585	0.675	0.454	0.049	-0.329	-0.496	-0.379	-0.059	0.278
281	2.80	0.435	0.303	-0.082	-0.568	-0.965	-1.134	-1.053	-0.803	-0.515	-0.293
291	2.90	-0.169	-0.112	-0.082	-0.075	-0.147	-0.376	-0.784	-1.284	-1.675	-1.714
301	3.00	-1.233	-0.250	1.004	2.152	2.821	2.805	2.157	1.166	0.226	-0.343
311	3.10	-0.433	-0.078	0.139	0.242	0.019	-0.424	-0.824	-0.911	-0.562	0.111
321	3.20	0.804	1.160	0.942	0.157	-0.938	-1.952	-2.529	-2.507	-1.977	-1.231
331	3.30	-0.609	-0.350	-0.481	-0.826	-1.096	-1.035	-0.537	0.301	1.223	1.910
341	3.40	2.107	1.708	0.787	-0.434	-1.661	-2.612	-3.091	-3.024	-2.463	-1.559
351	3.50	-0.508	0.502	1.338	1.944	2.336	2.568	2.683	2.685	2.534	2.180
361	3.60	1.610	0.893	0.173	-0.372	-0.610	-0.526	-0.240	0.039	0.109	-0.114
371	3.70	-0.551	-0.982	-1.163	-0.955	-0.416	0.204	0.577	0.459	-0.178	-1.111
381	3.80	-1.962	-2.375	-2.191	-1.528	-0.722	-0.151	-0.037	-0.322	-0.693	-0.749
391	3.90	-0.222	0.859	2.147	3.126	3.351	2.667	1.299	-0.244	-1.401	-1.806
401	4.00	-1.450	-0.657	0.092	0.410	0.192	-0.342	-0.768	-0.688	0.062	1.317
411	4.10	2.647	3.551	3.677	2.965	1.662	0.195	-1.020	-1.736	-1.945	-1.831
421	4.20	-1.633	-1.517	-1.492	-1.434	-1.174	-0.623	0.150	0.913	1.362	1.251
431	4.30	0.521	-0.664	-1.861	-2.678	-2.757	-2.019	-0.706	0.688	1.599	1.622
441	4.40	0.696	-0.843	-2.357	-3.156	-2.779	-1.205	1.101	3.348	4.709	4.648
451	4.50	3.125	0.609	-2.115	-4.251	-5.290	-5.157	-4.181	-2.896	-1.792	-1.125
461	4.60	-0.862	-0.769	-0.577	-0.123	0.527	1.376	2.089	2.588	2.850	2.919
471	4.70	2.853	2.675	2.373	1.948	1.461	1.051	0.878	1.040	1.492	2.038
481	4.80	2.402	2.358	1.844	1.007	0.133	-0.493	-0.726	-0.636	-0.458	-0.462
491	4.90	-0.804	-1.439	-2.150	-2.669	-2.823	-2.614	-2.196	-1.758	-1.386	-0.983

Table 7—32—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	-0.325	0.804	2.428	4.289	5.890	6.669	6.245	4.596	2.104	-0.576
511	5.10	-2.755	-3.957	-4.065	-3.314	-2.148	-1.021	-0.233	0.142	0.207	0.140
521	5.20	0.083	0.076	0.065	-0.052	-0.363	-0.894	-1.602	-2.388	-3.116	-3.636
531	5.30	-3.039	-3.527	-2.745	-1.510	0.036	1.578	2.320	2.554	5.098	5.410
541	5.40	5.359	5.031	4.507	3.855	3.170	2.594	2.320	2.532	3.308	4.566
551	5.50	5.938	7.054	7.490	7.039	5.790	4.104	2.470	1.292	0.719	0.585
561	5.60	0.505	0.083	-0.887	-2.300	-3.780	-4.856	-5.191	-4.740	-3.774	-2.764
571	5.70	-2.057	-1.885	-2.090	-2.319	-2.227	-1.700	-0.985	-0.629	-1.264	-3.294
581	5.80	-6.659	-10.762	-14.610	-17.135	-17.558	-15.660	-11.856	-7.047	-2.320	1.393
591	5.90	3.551	4.077	3.253	1.515	-0.750	-3.308	-6.064	-8.946	-11.776	-14.213
601	6.00	-15.801	-16.118	-14.952	-12.416	-8.950	-5.187	-1.749	0.948	2.808	4.029
611	6.10	4.991	6.075	7.526	9.389	11.532	13.729	15.754	17.442	18.694	19.457
621	6.20	19.684	19.317	18.296	16.597	14.275	11.498	8.560	5.865	3.873	3.009
631	6.30	3.552	5.512	8.550	11.985	14.910	16.424	15.900	13.203	8.755	3.405
641	6.40	-1.864	-6.279	-9.531	-11.815	-13.653	-15.569	-17.788	-20.106	-22.006	-22.957
651	6.50	-22.754	-21.692	-20.472	-19.851	-20.205	-21.219	-21.885	-20.866	-17.062	-10.183
661	6.60	-0.989	8.869	17.401	22.996	24.991	23.855	20.910	17.715	15.382	14.137
671	6.70	13.300	11.697	8.310	2.867	-3.589	-10.372	-14.774	-15.472	-12.194	-5.624
681	6.80	2.543	10.236	15.695	17.994	17.213	14.231	10.258	6.325	2.953	0.113
691	6.90	-2.539	-5.302	-8.142	-10.633	-12.144	-12.193	-10.748	-8.341	-5.889	-4.307
701	7.00	-4.087	-5.059	-6.450	-7.224	-6.555	-4.209	-0.643	3.191	6.266	7.877
711	7.10	7.851	6.473	4.198	1.336	-2.107	-6.329	-11.445	-17.171	-22.698	-26.841
721	7.20	-28.442	-26.804	-21.983	-14.729	-6.173	2.621	10.973	18.629	25.506	31.336
731	7.30	35.429	36.756	34.346	27.821	17.786	5.830	-5.893	-15.352	-21.275	-23.427
741	7.40	-22.432	-19.238	-14.540	-8.490	-2.687	8.507	18.974	28.576	36.206	38.380
751	7.50	34.180	23.932	9.700	-5.317	-17.848	-25.622	-28.015	-25.999	-21.515	-16.525
761	7.60	-12.254	-8.899	-5.881	-2.454	1.702	6.200	10.101	12.402	12.560	10.787
771	7.70	7.961	5.217	3.444	2.937	3.375	4.086	4.445	4.176	3.416	2.533
781	7.80	1.830	1.335	0.786	-0.170	-1.699	-3.598	-5.324	-6.234	-5.913	-4.402
791	7.90	-2.205	-0.053	1.435	2.026	1.918	1.535	1.200	0.865	0.072	-1.805
801	8.00	-5.159	-9.796	-14.838	-18.958	-20.882	-19.915	-16.243	-10.871	-5.196	-0.426
811	8.10	2.882	4.963	6.597	8.605	11.353	14.505	17.150	18.243	17.132	13.928
821	8.20	9.517	5.218	2.238	1.186	1.852	3.347	4.527	4.483	2.891	0.072
831	8.30	-3.226	-6.196	-8.293	-9.370	-9.590	-9.203	-8.326	-6.874	-4.670	-1.657
841	8.40	1.839	5.157	7.372	7.667	5.676	1.687	-3.390	-8.308	-11.896	-13.417
851	8.50	-12.750	-10.318	-6.821	-2.928	0.944	4.650	8.169	11.386	13.949	15.302
861	8.60	14.904	12.534	8.518	3.745	-0.580	-3.372	-4.116	-3.123	-1.473	-0.619
871	8.70	-11.813	-5.561	-11.333	-17.666	-22.626	-24.458	-22.209	-16.074	-7.357	1.932
881	8.80	9.692	14.341	15.222	12.686	7.847	2.252	-2.780	-6.298	-7.533	-7.783
891	8.90	-6.177	-3.439	0.244	4.780	9.997	15.436	20.240	23.246	23.302	19.697
901	9.00	12.565	3.052	-6.863	-14.676	-19.052	-18.451	-13.454	-5.648	2.690	9.326
911	9.10	12.727	12.433	9.004	3.640	-2.348	-7.969	-12.718	-16.474	-19.226	-20.836
921	9.20	-20.972	-19.247	-15.498	-10.000	-3.512	2.916	8.288	11.991	13.952	14.549
931	9.30	14.329	13.684	12.655	10.975	8.307	4.565	0.135	-4.135	-7.184	-8.134
941	9.40	-6.669	-3.105	1.503	5.871	8.796	9.507	7.832	4.154	-0.785	-6.118
951	9.50	-11.048	-14.947	-17.362	-17.992	-16.667	-13.376	-8.323	-1.979	4.912	11.421
961	9.60	16.587	19.621	20.091	18.033	13.944	8.663	3.170	-1.634	-5.091	-6.858
971	9.70	-6.877	-5.293	-2.364	1.570	6.062	10.514	14.176	16.259	16.141	13.623
981	9.80	9.097	3.518	-1.847	-5.839	-7.822	-7.914	-6.918	-5.949	-5.931	-7.180
991	9.90	-9.270	-11.250	-12.117	-11.300	-8.937	-5.798	-2.902	-1.012	-0.284	-0.223

Table 7—32—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	0.016	1.148	3.352	6.134	8.543	9.623	8.869	6.477	3.251	0.242
1011	10.10	-1.709	-2.288	-1.771	-0.804	-0.055	0.087	-0.371	-1.122	-1.787	-2.132
1021	10.20	-2.164	-2.213	-2.115	-2.386	-2.841	-3.293	-3.531	-3.618	-2.939	-2.184
1031	10.30	-1.297	-0.451	0.163	0.329	-0.160	-1.523	-3.383	-5.698	-7.802	-9.073
1041	10.40	-9.071	-7.745	-5.469	-2.900	-0.670	0.904	1.960	2.980	4.479	6.641
1051	10.50	9.108	11.049	11.503	9.842	6.120	1.140	-3.816	-7.462	-8.981	-8.263
1061	10.60	-5.833	-2.524	0.904	4.007	6.656	8.828	10.367	10.880	9.871	7.055
1071	10.70	2.675	-2.389	-6.812	-9.296	-9.091	-6.338	-2.057	2.249	5.181	5.977
1081	10.80	4.747	2.323	-0.186	-1.906	-2.556	-2.461	-2.274	-2.557	-3.434	-4.490
1091	10.90	-4.963	-4.128	-1.680	2.057	6.183	9.531	11.066	10.240	7.157	2.504
1101	11.00	-2.694	-7.391	-10.797	-12.530	-12.618	-11.399	-9.350	-6.931	-4.480	-2.172
1111	11.10	-0.030	2.011	4.036	6.072	8.073	9.887	11.299	12.082	12.052	11.125
1121	11.20	9.332	6.817	3.797	0.523	-2.759	-5.623	-8.459	-10.450	-11.565	-11.570
1131	11.30	-10.279	-7.631	-3.769	0.915	5.808	10.176	13.335	14.831	14.574	12.864
1141	11.40	10.293	7.554	5.222	3.586	2.604	1.990	1.386	0.548	-0.546	-1.702
1151	11.50	-2.627	-3.093	-3.055	-2.682	-2.259	-2.098	-2.306	-2.835	-3.494	-4.075
1161	11.60	-4.488	-4.812	-5.259	-5.944	-6.929	-7.934	-8.568	-7.968	-6.912	-2.527
1171	11.70	2.116	7.142	11.557	14.406	15.030	13.247	9.391	6.231	1.230	-6.000
1181	11.80	-9.322	-10.814	-10.496	-8.705	-5.937	-2.679	0.694	3.934	6.866	9.188
1191	11.90	10.610	10.699	9.128	5.649	1.250	-3.844	-8.336	-11.167	-11.648	-9.688
1201	12.00	-5.816	-0.991	3.710	7.411	9.620	10.250	9.687	7.621	4.938	1.711
1211	12.10	-1.732	-4.949	-7.408	-8.634	-8.415	-6.956	-4.873	-3.027	-2.197	-2.787
1221	12.20	-4.672	-7.275	-9.822	-11.663	-12.493	-12.380	-11.604	-10.419	-8.881	-6.840
1231	12.30	-4.110	-0.700	3.040	6.455	8.825	9.672	9.000	7.306	5.356	3.810
1241	12.40	2.937	2.486	1.882	0.581	-1.561	-4.111	-6.182	-6.807	-5.393	-2.044
1251	12.50	2.415	6.717	9.619	10.355	8.871	5.779	2.060	-1.324	-3.744	-5.024
1261	12.60	-5.357	-5.099	-4.554	-3.849	-2.947	-1.747	-0.212	1.544	3.252	4.546
1271	12.70	5.065	4.552	2.932	0.349	-2.827	-6.048	-8.683	-10.164	-10.148	-8.645
1281	12.80	-6.057	-3.077	-0.491	1.086	1.412	0.686	-0.546	-1.621	-2.017	-1.536
1291	12.90	-0.337	1.188	2.607	3.636	4.217	4.470	4.562	4.571	4.424	3.937
1301	13.00	2.938	1.397	-0.511	-2.439	-3.986	-4.840	-4.883	-4.213	-3.081	-1.791
1311	13.10	-0.606	0.298	0.829	0.954	0.682	0.070	-0.750	-1.558	-2.074	-2.028
1321	13.20	-1.266	0.180	2.070	4.023	5.639	6.634	6.930	6.665	6.119	5.598
1331	13.30	5.321	5.350	5.600	5.888	6.015	5.829	5.262	4.332	3.120	1.756
1341	13.40	0.393	-0.804	-1.681	-2.129	-2.115	-1.700	-1.029	-0.292	0.344	0.790
1351	13.50	1.059	1.247	1.466	1.777	2.140	2.418	2.441	2.100	1.426	0.620
1361	13.60	0.006	-0.089	0.534	1.837	3.524	5.118	6.120	6.177	5.217	3.481
1371	13.70	1.441	-0.358	-1.476	-1.711	-1.131	-0.006	1.318	2.551	3.587	4.405
1381	13.80	5.104	5.747	6.304	6.639	6.567	5.947	4.762	3.169	1.356	-0.345
1391	13.90	-1.750	-2.786	-3.502	-4.022	-4.466	-4.891	-5.280	-5.559	-5.650	-5.505
1401	14.00	-5.116	-4.506	-3.700	-2.728	-1.633	-0.505	0.503	1.190	1.365	0.927
1411	14.10	-0.071	-1.418	-2.799	-3.906	-4.565	-4.702	-4.529	-4.253	-4.070	-4.050
1421	14.20	-4.127	-4.242	-4.037	-3.754	-3.451	-3.343	-3.608	-4.278	-5.189	-6.025
1431	14.30	-6.443	-6.215	-5.334	-4.019	-2.635	-1.543	-0.986	-0.920	-1.233	-1.639
1441	14.40	-1.900	-1.894	-1.637	-1.246	-0.853	-0.538	-0.295	-0.050	0.287	0.768
1451	14.50	1.375	2.033	2.635	3.086	3.324	3.331	3.116	2.706	2.143	1.484
1461	14.60	0.804	0.187	-0.299	-0.636	-0.861	-1.080	-1.399	-1.877	-2.469	-3.020
1471	14.70	-3.306	-3.120	-2.363	-1.105	0.424	1.901	3.026	3.615	3.658	3.301
1481	14.80	2.743	2.248	1.872	1.646	1.511	1.404	1.313	1.287	1.406	1.723
1491	14.90	2.206	2.731	3.112	3.168	2.787	1.965	0.797	-0.572	-1.997	-3.368

Table 7—32—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	-4.605	-5.635	-6.360	-6.657	-6.408	-5.572	-4.233	-2.624	-1.079	0.060
1511	15.10	0.563	0.395	-0.262	-1.075	-1.673	-1.776	-1.286	-0.307	0.913	2.081
1521	15.20	2.962	3.445	3.556	3.418	3.185	2.982	2.867	2.828	2.808	2.742
1531	15.30	2.586	2.337	2.039	1.768	1.613	1.648	1.900	2.322	2.794	3.137
1541	15.40	3.167	2.772	1.975	0.968	0.082	-0.309	0.087	1.348	3.275	5.425
1551	15.50	7.233	8.109	8.056	6.863	4.981	2.929	1.195	0.066	-0.459	-0.608
1561	15.60	-0.720	-1.160	-1.710	-2.567	-3.327	-3.828	-3.972	-3.861	-3.718	-3.761
1571	15.70	-4.070	-4.531	-4.883	-4.838	-4.231	-3.108	-1.707	-0.352	0.693	1.334
1581	15.80	1.659	1.859	2.088	2.366	2.546	2.420	1.836	0.818	-0.612	-1.530
1591	15.90	-2.271	-2.571	-2.610	-2.730	-3.244	-4.253	-5.548	-6.680	-7.146	-6.628
1601	16.00	-5.158	-3.124	-1.122	0.297	0.838	0.565	-0.173	-0.936	-1.398	-1.481
1611	16.10	-1.341	-1.233	-1.335	-1.628	-1.893	-1.834	-1.242	-0.127	1.259	2.526
1621	16.20	3.312	3.402	2.997	2.259	1.578	1.217	1.253	1.576	1.972	2.247
1631	16.30	2.321	2.255	2.204	2.328	2.711	3.319	4.059	4.661	5.044	5.169
1641	16.40	5.025	4.676	4.189	3.600	2.901	2.058	1.043	-0.131	-1.385	-2.576
1651	16.50	-3.518	-4.026	-3.961	-3.289	-2.094	-0.571	1.012	2.378	3.317	3.735
1661	16.60	3.666	3.250	2.675	2.115	1.673	1.365	1.127	0.866	0.406	-0.280
1671	16.70	-1.234	-2.404	-3.655	-4.786	-5.566	-5.785	-5.323	-4.205	-2.620	-0.896
1681	16.80	0.586	1.506	1.689	1.178	0.194	-0.965	-1.942	-2.616	-2.947	-3.045
1691	16.90	-3.069	-3.156	-3.261	-3.356	-3.283	-2.932	-2.284	-1.433	-0.557	0.156
1701	17.00	0.572	0.665	0.516	0.271	0.083	0.049	0.181	0.407	0.609	0.683
1711	17.10	0.586	0.365	0.148	0.098	0.348	0.936	1.779	2.682	3.400	3.724
1721	17.20	3.557	2.956	2.106	1.256	0.623	0.325	0.354	0.605	0.945	1.267
1731	17.30	1.525	1.708	1.801	1.747	1.447	0.812	-0.165	-1.352	-2.484	-3.234
1741	17.40	-3.340	-2.714	-1.497	-0.011	1.360	2.319	2.762	2.787	2.621	2.485
1751	17.50	2.484	2.563	2.555	2.288	1.686	0.822	-0.125	-0.964	-1.589	-2.038
1761	17.60	-2.455	-2.980	-3.236	-4.576	-5.298	-5.645	-5.452	-4.735	-3.700	-2.665
1771	17.70	-1.934	-1.679	-1.886	-2.384	-2.940	-3.370	-3.605	-3.700	-3.773	-3.922
1781	17.80	-4.158	-4.388	-4.450	-4.195	-3.549	-2.558	-1.371	-0.190	0.806	1.516
1791	17.90	1.942	2.179	2.362	2.612	2.988	3.460	3.926	4.264	4.296	4.031
1801	18.00	3.493	2.814	2.172	1.731	1.584	1.727	2.066	2.481	2.787	2.981
1811	18.10	3.053	3.071	3.109	3.205	3.339	3.461	3.435	3.270	2.954	2.540
1821	18.20	2.101	1.697	1.351	1.058	0.808	0.612	0.509	0.544	0.730	1.022
1831	18.30	1.312	1.466	1.581	1.638	0.518	-0.458	-0.498	-0.682	-0.725	-0.691
1841	18.40	-0.705	-0.835	-1.046	-1.212	-1.190	-0.899	-0.590	-0.159	0.513	0.489
1851	18.50	0.048	-0.676	-1.423	-1.916	-1.979	-1.608	-0.964	-0.291	0.188	0.362
1861	18.60	0.263	0.020	-0.216	-0.347	-0.365	-0.334	-0.334	-0.411	-0.549	-0.697
1871	18.70	-0.809	-0.887	-0.985	-1.178	-1.508	-1.935	-2.334	-2.539	-2.417	-1.942
1881	18.80	-1.213	-0.431	0.187	0.491	0.458	0.190	-0.141	-0.378	-0.444	-0.367
1891	18.90	-0.249	-0.204	-0.294	-0.492	-0.704	-0.814	-0.745	-0.494	-0.128	0.250
1901	19.00	0.552	0.741	0.829	0.868	0.807	0.659	0.316	-0.313	-1.253	-2.417
1911	19.10	-3.596	-4.512	-4.910	-4.661	-3.825	-2.669	-1.488	-0.683	-0.433	-0.722
1921	19.20	-1.332	-1.938	-2.239	-2.087	-1.542	-0.839	-0.275	-0.072	-0.270	-0.704
1931	19.30	-1.079	-1.095	-0.588	0.396	1.615	2.730	3.447	3.630	3.346	2.821
1941	19.40	2.334	2.092	2.162	2.456	2.798	3.016	3.020	2.830	2.543	2.273
1951	19.50	2.084	1.954	1.793	1.494	0.991	0.303	-0.463	-1.143	-1.573	-1.645
1961	19.60	-1.334	-0.716	0.060	0.807	1.348	1.558	1.397	0.922	0.270	-0.378
1971	19.70	-0.849	-1.027	-0.882	-0.446	0.135	0.825	1.562	2.349	3.209	4.133
1981	19.80	5.034	5.743	6.052	5.789	4.903	3.511	1.880	0.355	-0.753	-1.262
1991	19.90	-1.171	-0.644	0.065	0.698	1.082	1.160	0.991	0.698	0.419	0.255

Table 7—32—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1179 S03-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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)
2091	20.00	0.243	0.350	0.487	0.535	0.380	-0.044	-0.731	-1.588	-2.458	-3.169
2011	20.10	-3.599	-3.725	-3.639	-3.507	-3.494	-3.688	-4.053	-4.454	-4.728	-4.784
2021	20.20	-4.658	-4.509	-4.537	-4.860	-5.428	-6.010	-6.288	-6.001	-5.090	-3.759
2031	20.30	-2.367	-1.340	-0.906	-1.013	-1.341	-1.449	-0.997	0.078	1.515	2.831
2041	20.40	3.548	3.418	2.554	1.396	0.520	0.388	1.138	2.528	4.040	5.106
2051	20.50	5.348	4.725	3.534	2.271	1.416	1.253	1.777	2.737	3.764	4.525
2061	20.60	4.837	4.201	4.252	3.673	3.107	2.612	2.166	1.703	1.166	0.539
2071	20.70	-0.138	-0.785	-1.309	-1.626	-1.692	-1.516	-1.160	-0.735	-0.377	-0.203
2081	20.80	-0.281	-0.596	-1.054	-1.512	-1.828	-1.917	-1.784	-1.517	-1.248	-1.096
2091	20.90	-1.123	-1.316	-1.612	-1.937	-2.244	-2.524	-2.784	-3.013	-3.151	-3.096
2101	21.00	-2.748	-2.068	-1.132	-0.134	0.668	1.045	0.893	0.289	-0.525	-1.230
2111	21.10	-1.566	-1.340	-0.669	0.251	1.133	1.730	1.920	1.727	1.292	0.794
2121	21.20	0.382	0.124	0.009	-0.022	-0.029	-0.041	-0.046	-0.008	0.110	0.317
2131	21.30	0.589	0.870	1.090	1.184	1.105	0.834	0.384	-0.196	-0.832	-1.435
2141	21.40	-1.916	-2.216	-2.312	-2.228	-2.022	-1.763	-1.515	-1.334	-1.222	-1.250
2151	21.50	-1.609	-1.757	-2.275	-2.894	-3.463	-3.774	-3.622	-2.884	-1.594	0.034
2161	21.60	1.653	2.886	3.458	3.292	2.546	1.563	0.668	0.215	0.299	0.838
2171	21.70	1.618	2.397	3.011	3.421	3.695	3.941	4.223	4.520	4.734	4.765
2181	21.80	4.491	4.005	3.414	2.881	2.533	2.404	2.425	2.466	2.409	2.202
2191	21.90	1.881	1.542	1.280	1.134	1.072	1.009	0.871	0.643	0.388	0.213
2201	22.00	0.202	0.357	0.564	0.630	0.366	-0.325	-1.382	-2.596	-3.680	-4.373
2211	22.10	-4.541	-4.213	-3.557	-2.797	-2.120	-1.611	-1.247	-0.939	-0.602	-0.209
2221	22.20	0.192	0.508	0.657	0.612	0.420	0.174	-0.027	-0.125	-0.121	-0.062
2231	22.30	-0.006	0.015	0.008	0.015	0.085	0.243	0.478	0.744	0.985	1.152
2241	22.40	1.218	1.178	1.039	0.821	0.554	0.283	0.065	-0.044	-0.018	0.112
2251	22.50	0.254	0.276	0.061	-0.434	-1.139	-1.882	-2.445	-2.654	-2.456	-1.944
2261	22.60	-1.328	-0.845	-0.457	-0.794	-1.145	-1.526	-1.768	-1.798	-1.661	-1.482
2271	22.70	-1.392	-1.447	-1.599	-1.715	-1.652	-1.326	-0.763	-0.094	0.501	0.860
2281	22.80	0.904	0.650	0.192	-0.345	-0.849	-1.245	-1.494	-1.583	-1.510	-1.285
2291	22.90	-0.938	-0.524	-0.116	0.217	0.441	0.575	0.684	0.846	1.111	1.466
2301	23.00	1.831	2.091	2.145	1.954	1.565	1.087	0.652	0.359	0.237	0.249
2311	23.10	0.316	0.359	0.337	0.255	0.154	0.085	0.083	0.159	0.392	0.497
2321	23.20	0.729	0.989	1.259	1.502	1.654	1.642	1.402	0.913	0.212	-0.602
2331	23.30	-1.391	-2.022	-2.403	-2.517	-2.425	-2.258	-2.115	-2.117	-2.263	-2.471
2341	23.40	-2.596	-2.489	-2.068	-1.370	-0.556	0.134	0.667	0.315	-0.287	-1.144
2351	23.50	-1.969	-2.496	-2.581	-2.252	-1.679	-1.086	-0.536	-0.362	-0.160	-0.140
2361	23.60	0.665	1.412	2.224	2.855	3.077	2.788	2.068	1.139	0.272	-0.334
2371	23.70	-0.624	-0.690	-0.696	-0.780	-0.973	-1.189	-1.278	-1.112	-0.664	-0.025
2381	23.80	0.634	1.145	1.411	1.433	1.284	1.047	0.759	0.404	-0.064	-0.655
2391	23.90	-1.302	-1.862	-2.174	-2.132	-1.753	-1.177	-0.613	-0.238	-0.108	-0.126
2401	24.00	-0.089	0.215	0.892	1.877	2.954	3.839	4.307	4.289	3.903	3.398
2411	24.10	3.051	3.055	3.443	4.095	4.802	5.360	5.650	5.673	5.523	5.328
2421	24.20	5.178	5.084	4.983	4.774	4.379	3.784	3.049	2.287	1.606	1.066
2431	24.30	0.645	0.249	-0.240	-0.911	-1.772	-2.737	-3.648	-4.342	-4.707	-4.736
2441	24.40	-4.523	-4.225	-3.995	-3.916	-3.972	-4.065	-4.070	-3.903	-3.569	-3.162
2451	24.50	-2.822	-2.661	-2.704	-2.869	-2.996	-2.917	-2.533	-1.854	-1.000	-0.151
2461	24.60	0.527	0.937	1.075	1.009	0.832	0.618	0.395	0.158	-0.103	-0.378
2471	24.70	-0.618	-0.757	-0.737	-0.541	-0.202	0.207	0.605	0.929	1.149	1.268
2481	24.80	1.296	1.238	1.083	0.818	0.442	-0.013	-0.484	-0.893	-1.171	-1.283
2491	24.90	-1.232	-1.054	-0.799	-0.513	-0.230	0.021	0.212	0.506	0.263	0.061

Table 7—32—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1179 S03-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	-0.292	-0.747	-1.219	-1.611	-1.836	-1.845	-1.635	-1.239	-0.719	-0.145
2511	25.10	0.412	0.892	1.247	1.451	1.508	1.453	1.345	1.253	1.229	1.295
2521	25.20	1.436	1.614	1.795	1.962	2.121	2.283	2.437	2.535	2.494	2.227
2531	25.30	1.697	0.946	0.098	-0.675	-1.224	-1.489	-1.518	-1.453	-1.457	-1.636
2541	25.40	-1.994	-2.432	-2.804	-2.993	-2.966	-2.789	-2.579	-2.439	-2.405	-2.431
2551	25.50	-2.398	-2.372	-2.253	-2.198	-2.316	-2.667	-3.127	-3.538	-3.782	-3.399
2561	25.60	-2.453	-1.123	0.242	1.256	1.649	1.370	0.611	-0.282	-0.952	-1.165
2571	25.70	-0.890	-0.276	0.434	1.020	1.375	1.522	1.575	1.663	1.855	2.136
2581	25.80	2.423	2.612	2.636	2.486	2.214	1.892	1.582	1.310	1.065	0.814
2591	25.90	0.529	0.194	-0.183	-0.583	-0.982	-1.357	-1.687	-1.947	-2.109	-2.142
2601	26.00	-2.022	-1.739	-1.307	-0.761	-0.158	0.431	0.930	1.266	1.392	1.293
2611	26.10	1.000	0.582	0.138	-0.232	-0.455	-0.495	-0.354	-0.052	0.392	0.977
2621	26.20	1.704	2.555	3.458	4.280	4.842	4.977	4.596	3.730	2.568	1.376
2631	26.30	0.455	0.022	0.162	0.810	1.786	2.865	3.837	4.551	4.921	4.911
2641	26.40	4.514	3.747	2.664	1.364	0.001	-1.243	-2.201	-2.770	-2.946	-2.819
2651	26.50	-2.541	-2.263	-2.086	-2.034	-2.063	-2.097	-2.070	-1.956	-1.769	-1.567
2661	26.60	-1.406	-1.326	-1.337	-1.615	-1.508	-1.548	-1.458	-1.178	-0.682	-0.006
2671	26.70	0.761	1.396	1.782	1.771	1.341	0.601	-0.233	-0.906	-1.213	-1.073
2681	26.80	-0.553	0.168	0.881	1.429	1.768	1.959	2.120	2.345	2.642	2.927
2691	26.90	3.084	2.936	2.514	1.882	1.208	0.671	0.385	0.350	0.463	0.570
2701	27.00	0.545	0.347	0.032	-0.281	-0.478	-0.507	-0.408	-0.280	-0.230	-0.308
2711	27.10	-0.477	-0.631	-0.656	-0.496	-0.201	0.084	0.181	-0.041	-0.590	-1.336
2721	27.20	-2.054	-2.524	-2.621	-2.370	-1.937	-1.546	-1.369	-1.453	-1.692	-1.893
2731	27.30	-1.873	-1.561	-1.039	-0.509	-0.188	-0.195	-0.483	-0.851	-1.041	-0.869
2741	27.40	-0.328	0.390	0.965	1.096	0.634	-0.339	-1.540	-2.598	-3.211	-3.255
2751	27.50	-2.821	-2.146	-1.498	-1.056	-0.854	-0.806	-0.784	-0.711	-0.610	-0.584
2761	27.60	-0.747	-1.141	-1.684	-2.195	-2.459	-2.228	-1.785	-0.956	-0.051	0.717
2771	27.70	1.216	1.426	1.427	1.336	1.248	1.200	1.170	1.109	0.981	0.786
2781	27.80	0.558	0.346	0.187	0.090	0.044	0.028	0.031	0.050	0.084	0.121
2791	27.90	0.131	0.075	-0.072	-0.304	-0.578	-0.826	-0.986	-1.030	-0.970	-0.856
2801	28.00	-0.739	-0.651	-0.589	-0.531	-0.463	-0.402	-0.398	-0.514	-0.775	-1.145
2811	28.10	-1.512	-1.730	-1.676	-1.308	-0.697	0.000	0.601	0.971	1.077	0.991
2821	28.20	0.840	0.735	0.710	0.711	0.628	0.345	-0.095	-0.665	-1.184	-1.490
2831	28.30	-1.689	-1.203	-0.753	-0.296	0.052	0.271	0.440	0.682	1.087	1.649
2841	28.40	2.249	2.702	2.838	2.580	1.988	1.232	0.526	0.043	-0.152	-0.105
2851	28.50	0.064	0.230	0.320	0.339	0.341	0.388	0.501	0.646	0.753	0.764
2861	28.60	0.667	0.511	0.387	0.376	0.507	0.742	0.990	1.159	1.197	1.118
2871	28.70	0.990	0.889	0.855	0.865	0.842	0.700	0.393	-0.047	-0.518	-0.891
2881	28.80	-1.060	-0.996	-0.755	-0.449	-0.195	-0.060	-0.043	-0.082	-0.100	-0.046
2891	28.90	0.078	0.217	0.297	0.269	0.129	-0.077	-0.275	-0.406	-0.443	-0.405
2901	29.00	-0.339	-0.288	-0.272	-0.277	-0.273	-0.228	-0.134	-0.005	0.126	0.233
2911	29.10	0.310	0.373	0.455	0.575	0.745	0.944	1.142	1.314	1.452	1.568
2921	29.20	1.685	1.816	1.954	2.068	2.112	2.047	1.854	1.548	1.174	0.787
2931	29.30	0.443	0.181	0.021	-0.037	-0.007	0.087	0.213	0.340	0.444	0.520
2941	29.40	0.590	0.702	0.913	1.263	1.742	2.279	2.750	3.011	2.957	2.563
2951	29.50	1.908	1.153	0.490	0.075	-0.028	0.133	0.429	0.699	0.821	0.768
2961	29.60	0.515	0.210	-0.076	-0.290	-0.436	-0.556	-0.703	-0.899	-1.129	-1.347
2971	29.70	-1.503	-1.572	-1.564	-1.521	-1.481	-1.443	-1.447	-1.387	-1.238	-0.980
2981	29.80	-0.635	-0.241	0.072	0.313	0.446	0.495	0.504	0.517	0.561	0.640
2991	29.90	0.740	0.843	0.935	1.001	1.029	1.003	0.909	0.750	0.556	0.381

Table 7—32—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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	0.281	0.287	0.376	0.459	0.413	0.125	-0.457	-1.283	-2.221	-3.098
3011	30.10	-3.768	-4.169	-4.336	-4.370	-4.374	-4.395	-4.400	-4.298	-4.003	-3.498
3021	30.20	-2.865	-2.264	-1.870	-1.789	-2.010	-2.403	-2.773	-2.945	-2.838	-2.481
3031	30.30	-1.991	-1.506	-1.122	-0.860	-0.681	-0.533	-0.401	-0.323	-0.367	-0.584
3041	30.40	-0.958	-1.389	-1.727	-1.832	-1.642	-1.206	-0.666	-0.195	0.079	0.122
3051	30.50	0.007	-0.132	-0.167	-0.033	0.250	0.598	0.908	1.110	1.190	1.181
3061	30.60	1.138	1.099	1.070	1.028	0.950	0.830	0.690	0.564	0.480	0.431
3071	30.70	0.382	0.279	0.082	-0.214	-0.570	-0.923	-1.206	-1.381	-1.447	-1.432
3081	30.80	-1.374	-1.298	-1.208	-1.089	-0.929	-0.728	-0.507	-0.297	-0.127	-0.006
3091	30.90	0.081	0.162	0.266	0.398	0.557	0.717	0.857	0.964	1.043	1.110
3101	31.00	1.179	1.262	1.357	1.459	1.561	1.660	1.756	1.852	1.944	2.029
3111	31.10	2.107	2.187	2.287	2.430	2.626	2.861	3.095	3.266	3.319	3.228
3121	31.20	3.008	2.717	2.437	2.238	2.158	2.185	2.273	2.355	2.377	2.307
3131	31.30	2.144	1.904	1.609	1.276	0.922	0.567	0.243	-0.005	-0.136	-0.117
3141	31.40	0.035	0.276	0.531	0.717	0.774	0.681	0.441	0.172	-0.121	-0.362
3151	31.50	-0.528	-0.627	-0.701	-0.796	-0.954	-1.183	-1.458	-1.721	-1.896	-1.922
3161	31.60	-1.773	-1.478	-1.113	-0.777	-0.555	-0.478	-0.512	-0.571	-0.559	-0.418
3171	31.70	-0.167	0.094	0.227	0.114	-0.281	-0.886	-1.536	-2.041	-2.255	-2.141
3181	31.80	-1.774	-1.311	-0.913	-0.680	-0.619	-0.649	-0.658	-0.560	-0.336	-0.030
3191	31.90	0.262	0.541	0.736	0.902	1.087	1.306	1.517	1.628	1.536	1.190
3201	32.00	0.624	-0.038	-0.626	-0.986	-1.046	-0.843	-0.499	-0.167	0.028	0.043
3211	32.10	-0.079	-0.241	-0.339	-0.311	-0.162	0.042	0.205	0.237	0.088	-0.237
3221	32.20	-0.681	-1.150	-1.538	-1.757	-1.753	-1.528	-1.142	-0.698	-0.314	-0.080
3231	32.30	-0.029	-0.122	-0.257	-0.317	-0.217	0.056	0.430	0.779	0.975	0.938
3241	32.40	0.677	0.276	-0.137	-0.449	-0.602	-0.611	-0.535	-0.446	-0.381	-0.328
3251	32.50	-0.238	-0.057	0.237	0.616	1.011	1.345	1.566	1.669	1.695	1.704
3261	32.60	1.744	1.821	1.901	1.928	1.855	1.671	1.408	1.131	0.906	0.772
3271	32.70	0.729	0.736	0.734	0.674	0.538	0.362	0.132	-0.042	-0.151	-0.195
3281	32.80	-0.209	-0.246	-0.359	-0.577	-0.895	-1.271	-1.660	-1.934	-2.098	-2.110
3291	32.90	-1.979	-1.741	-1.449	-1.151	-0.869	-0.688	-0.561	-0.512	-0.539	-0.633
3301	33.00	-0.772	-0.925	-1.048	-1.098	-1.044	-0.879	-0.622	-0.315	-0.009	0.252
3311	33.10	0.442	0.561	0.626	0.664	0.698	0.741	0.794	0.851	0.899	0.931
3321	33.20	0.939	0.924	0.889	0.843	0.799	0.769	0.758	0.763	0.771	0.764
3331	33.30	0.731	0.670	0.599	0.545	0.529	0.558	0.609	0.663	0.615	0.501
3341	33.40	0.309	0.074	-0.159	-0.363	-0.524	-0.753	-1.027	-1.295	-1.528	-1.650
3351	33.50	-2.565	-2.705	-2.673	-2.547	-2.458	-2.524	-2.790	-3.199	-3.600	-3.816
3361	33.60	-3.716	-3.274	-2.584	-1.818	-1.147	-0.676	-0.404	-0.244	-0.082	0.154
3371	33.70	0.451	0.712	0.807	0.639	0.199	-0.424	-1.069	-1.565	-1.789	-1.702
3381	33.80	-1.350	-0.833	-0.271	0.229	0.587	0.750	0.698	0.438	0.021	-0.469
3391	33.90	-0.923	-1.245	-1.385	-1.366	-1.280	-1.240	-1.332	-1.558	-1.824	-1.978
3401	34.00	-1.880	-1.674	-0.830	-0.127	0.417	0.640	0.513	0.154	-0.211	-0.349
3411	34.10	-0.111	0.506	1.364	2.246	2.967	3.348	3.448	3.346	3.175	3.045
3421	34.20	3.000	3.015	3.031	2.994	2.884	2.723	2.555	2.418	2.327	2.266
3431	34.30	2.210	2.137	2.046	1.954	1.883	1.847	1.839	1.840	1.829	1.799
3441	34.40	1.761	1.737	1.741	1.766	1.779	1.728	1.567	1.278	0.883	0.440
3451	34.50	0.023	-0.300	-0.493	-0.557	-0.521	-0.429	-0.319	-0.217	-0.133	-0.071
3461	34.60	-0.034	-0.027	-0.054	-0.110	-0.176	-0.224	-0.223	-0.153	-0.016	0.166
3471	34.70	0.355	0.514	0.624	0.690	0.735	0.791	0.877	0.993	1.111	1.196
3481	34.80	1.217	1.168	1.074	0.983	0.945	0.987	1.099	1.226	1.295	1.237
3491	34.90	1.023	0.677	0.271	-0.099	-0.352	-0.448	-0.402	-0.275	-0.142	-0.063

Table 7—32—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.360 (GAL) T= 7.50 (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)
3501	35.00	-0.059	-0.115	-0.195	-0.266	-0.317	-0.363	-0.429	-0.528	-0.645	-0.746
3511	35.10	-0.792	-0.771	-0.715	-0.697	-0.805	-1.098	-1.575	-2.163	-2.738	-3.170
3521	35.20	-3.376	-3.347	-3.147	-2.879	-2.642	-2.487	-2.409	-2.362	-2.292	-2.169
3531	35.30	-2.000	-1.818	-1.658	-1.533	-1.428	-1.312	-1.164	-0.988	-0.819	-0.699
3541	35.40	-0.644	-0.635	-0.600	-0.462	-0.179	0.227	0.661	0.986	1.083	0.902
3551	35.50	0.490	-0.017	-0.451	-0.681	-0.644	-0.378	0.016	0.381	0.647	0.765
3561	35.60	0.755	0.669	0.561	0.460	0.366	0.256	0.118	-0.052	-0.240	-0.418
3571	35.70	-0.561	-0.650	-0.677	-0.646	-0.569	-0.470	-0.384	-0.356	-0.419	-0.580
3581	35.80	-0.803	-1.006	-1.085	-0.953	-0.586	-0.044	0.537	0.990	1.181	1.059
3591	35.90	0.685	0.203	-0.219	-0.455	-0.473	-0.334	-0.163	-0.084	-0.166	-0.397
3601	36.00	-0.702	-0.979	-1.152	-1.195	-1.140	-1.044	-0.962	-0.918	-0.900	-0.877
3611	36.10	-0.816	-0.702	-0.535	-0.328	-0.085	0.195	0.513	0.859	1.195	1.465
3621	36.20	1.609	1.588	1.406	1.111	0.774	0.466	0.214	0.017	-0.165	-0.370
3631	36.30	-0.603	-0.828	-0.976	-0.976	-0.792	-0.449	-0.028	0.361	0.625	0.721
3641	36.40	0.677	0.575	0.516	0.584	0.807	1.157	1.560	1.928	2.192	2.319
3651	36.50	2.319	2.232	2.106	1.981	1.878	1.799	1.727	1.644	1.535	1.393
3661	36.60	1.220	1.026	0.827	0.639	0.477	0.352	0.270	0.230	0.226	0.248
3671	36.70	0.280	0.307	0.316	0.296	0.246	0.169	0.072	-0.033	-0.136	-0.231
3681	36.80	-0.319	-0.405	-0.495	-0.595	-0.701	-0.802	-0.880	-0.917	-0.903	-0.835
3691	36.90	-0.726	-0.597	-0.473	-0.379	-0.329	-0.325	-0.358	-0.407	-0.452	-0.470
3701	37.00	-0.450	-0.390	-0.301	-0.201	-0.108	-0.036	0.011	0.041	0.068	0.103
3711	37.10	0.153	0.208	0.251	0.261	0.227	0.152	0.057	-0.029	-0.081	-0.088
3721	37.20	-0.063	-0.036	-0.038	-0.089	-0.181	-0.278	-0.330	-0.289	-0.135	0.114
3731	37.30	0.403	0.656	0.804	0.801	0.647	0.377	0.056	-0.251	-0.491	-0.640
3741	37.40	-0.698	-0.689	-0.640	-0.579	-0.523	-0.484	-0.464	-0.464	-0.480	-0.507
3751	37.50	-0.536	-0.559	-0.567	-0.561	-0.546	-0.531	-0.529	-0.543	-0.571	-0.603
3761	37.60	-0.626	-0.611	-0.615	-0.581	-0.536	-0.485	-0.429	-0.363	-0.286	-0.202
3771	37.70	-0.123	-0.064	-0.034	-0.028	-0.019	0.032	0.161	0.387	0.694	1.034
3781	37.80	1.334	1.528	1.574	1.476	1.279	1.051	0.860	0.768	0.718	0.742
3791	37.90	0.778	0.788	0.756	0.692	0.619	0.563	0.539	0.543	0.563	0.584
3801	38.00	0.598	0.604	0.609	0.616	0.620	0.614	0.592	0.560	0.536	0.546
3811	38.10	0.608	0.708	0.813	0.856	0.769	0.508	0.074	-0.476	-1.045	-1.527
3821	38.20	-1.843	-1.965	-1.920	-1.780	-1.627	-1.521	-1.578	-1.669	-1.640	-1.336
3831	38.30	-1.128	-0.829	-0.483	-0.155	0.101	0.256	0.317	0.318	0.305	0.314
3841	38.40	0.363	0.445	0.534	0.603	0.630	0.612	0.563	0.504	0.456	0.432
3851	38.50	0.432	0.447	0.463	0.472	0.471	0.463	0.454	0.448	0.441	0.422
3861	38.60	0.381	0.309	0.208	0.090	-0.028	-0.128	-0.201	-0.250	-0.286	-0.327
3871	38.70	-0.388	-0.473	-0.575	-0.677	-0.766	-0.823	-0.851	-0.857	-0.851	-0.845
3881	38.80	-0.843	-0.845	-0.848	-0.851	-0.855	-0.867	-0.891	-0.926	-0.963	-0.984
3891	38.90	-0.972	-0.916	-0.819	-0.697	-0.574	-0.471	-0.398	-0.349	-0.308	-0.257
3901	39.00	-0.186	-0.100	-0.013	0.057	0.102	0.127	0.149	0.183	0.228	0.260
3911	39.10	0.234	0.102	-0.160	-0.537	-0.966	-1.354	-1.601	-1.640	-1.450	-1.061
3921	39.20	-0.540	0.037	0.606	1.122	1.553	1.866	2.017	1.962	1.676	1.183
3931	39.30	0.579	-0.023	-0.441	-0.569	-0.375	0.070	0.618	1.099	1.387	1.440
3941	39.40	1.306	1.090	0.892	0.758	0.672	0.570	0.400	0.167	-0.052	-0.138
3951	39.50	0.014	0.426	1.011	1.589	1.955	1.965	1.600	0.971	0.277	-0.282
3961	39.60	-0.583	-0.626	-0.508	-0.321	-0.321	-0.388	-0.526	-0.656	-0.728	-0.762
3971	39.70	-0.839	-1.054	-1.450	-1.967	-2.451	-2.707	-2.588	-2.069	-1.271	-0.422
3981	39.80	0.238	0.547	0.491	0.193	-0.144	-0.333	-0.284	-0.029	0.306	0.572
3991	39.90	0.673	0.602	0.442	0.304	0.274	0.366	0.521	0.641	0.651	0.530

Table 7—32—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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)
4001	40.00	0.328	0.135	0.032	0.053	0.170	0.308	0.387	0.362	0.243	0.083
4011	40.10	-0.048	-0.104	-0.080	-0.011	0.051	0.069	0.038	-0.019	-0.061	-0.060
4021	40.20	-0.017	0.042	0.081	0.075	0.026	-0.036	-0.072	-0.054	0.019	0.120
4031	40.30	0.212	0.266	0.284	0.297	0.352	0.484	0.697	0.957	1.198	1.355
4041	40.40	1.389	1.299	1.126	0.934	0.775	0.675	0.626	0.587	0.518	0.391
4051	40.50	0.212	0.014	-0.155	-0.255	-0.267	-0.200	-0.088	0.031	0.125	0.184
4061	40.60	0.214	0.236	0.265	0.309	0.360	0.397	0.400	0.356	0.262	0.136
4071	40.70	-0.003	-0.136	-0.253	-0.359	-0.464	-0.581	-0.713	-0.853	-0.981	-1.071
4081	40.80	-1.103	-1.068	-0.976	-0.849	-0.714	-0.597	-0.511	-0.455	-0.418	-0.386
4091	40.90	-0.348	-0.304	-0.260	-0.229	-0.221	-0.236	-0.270	-0.307	-0.335	-0.342
4101	41.00	-0.330	-0.306	-0.281	-0.265	-0.259	-0.253	-0.224	-0.148	-0.004	0.215
4111	41.10	0.495	0.805	1.097	1.327	1.461	1.493	1.443	1.351	1.264	1.218
4121	41.20	1.223	1.260	1.286	1.252	1.122	0.890	0.581	0.244	-0.044	-0.304
4131	41.30	-0.463	-0.557	-0.624	-0.701	-0.813	-0.959	-1.118	-1.256	-1.366	-1.381
4141	41.40	-1.372	-1.349	-1.344	-1.376	-1.444	-1.525	-1.585	-1.592	-1.528	-1.398
4151	41.50	-1.226	-1.046	-0.891	-0.780	-0.713	-0.674	-0.643	-0.601	-0.539	-0.460
4161	41.60	-0.375	-0.297	-0.230	-0.172	-0.112	-0.040	0.045	0.141	0.235	0.317
4171	41.70	0.384	0.442	0.506	0.590	0.700	0.826	0.949	1.042	1.087	1.082
4181	41.80	1.041	0.989	0.949	0.929	0.921	0.901	0.843	0.735	0.580	0.403
4191	41.90	0.234	0.100	0.008	-0.053	-0.110	-0.191	-0.311	-0.466	-0.634	-0.786
4201	42.00	-0.895	-0.950	-0.955	-0.925	-0.880	-0.836	-0.798	-0.766	-0.732	-0.694
4211	42.10	-0.652	-0.612	-0.581	-0.563	-0.554	-0.544	-0.519	-0.460	-0.357	-0.207
4221	42.20	-0.021	0.183	0.379	0.547	0.679	0.778	0.860	0.947	1.055	1.188
4231	42.30	1.336	1.479	1.598	1.685	1.744	1.789	1.833	1.875	1.898	1.868
4241	42.40	1.752	1.591	1.211	0.835	0.457	0.162	-0.061	-0.126	-0.056	0.136
4251	42.50	0.401	0.702	0.989	1.214	1.334	1.327	1.198	0.988	0.760	0.584
4261	42.60	0.503	0.520	0.588	0.637	0.602	0.463	0.258	0.071	-0.010	0.072
4271	42.70	0.300	0.593	0.833	0.917	0.804	0.528	0.185	-0.118	-0.304	-0.359
4281	42.80	-0.328	-0.280	-0.274	-0.325	-0.408	-0.481	-0.522	-0.543	-0.592	-0.718
4291	42.90	-0.940	-1.219	-1.468	-1.588	-1.513	-1.265	-0.859	-0.475	-0.205	-0.111
4301	43.00	-0.184	-0.359	-0.551	-0.701	-0.798	-0.872	-0.975	-1.140	-1.362	-1.600
4311	43.10	-1.797	-1.906	-1.917	-1.852	-1.751	-1.651	-1.564	-1.482	-1.385	-1.262
4321	43.20	-1.122	-0.990	-0.901	-0.877	-0.917	-0.998	-1.085	-1.147	-1.169	-1.150
4331	43.30	-1.104	-1.047	-0.994	-0.961	-0.963	-1.012	-1.116	-1.263	-1.414	-1.512
4341	43.40	-1.492	-1.314	-0.980	-0.547	-0.111	0.229	0.403	0.405	0.288	0.141
4351	43.50	0.053	0.072	0.192	0.362	0.514	0.602	0.619	0.600	0.597	0.648
4361	43.60	0.756	0.882	0.969	0.965	0.853	0.661	0.448	0.278	0.193	0.192
4371	43.70	0.235	0.263	0.222	0.094	-0.099	-0.296	-0.425	-0.427	-0.277	0.005
4381	43.80	0.363	0.720	1.005	1.171	1.210	1.148	1.036	0.929	0.871	0.880
4391	43.90	0.944	1.034	1.111	1.149	1.141	1.097	1.042	0.999	0.981	0.985
4401	44.00	1.000	1.007	0.995	0.967	0.932	0.905	0.896	0.907	0.925	0.938
4411	44.10	0.933	0.907	0.865	0.821	0.784	0.758	0.736	0.706	0.654	0.571
4421	44.20	0.456	0.315	0.156	-0.015	-0.196	-0.389	-0.593	-0.805	-1.008	-1.179
4431	44.30	-1.291	-1.320	-1.251	-1.086	-0.844	-0.557	-0.265	-0.010	0.174	0.269
4441	44.40	0.274	0.205	0.093	-0.028	-0.126	-0.186	-0.209	-0.213	-0.225	-0.271
4451	44.50	-0.363	-0.491	-0.628	-0.734	-0.770	-0.715	-0.569	-0.360	-0.127	0.085
4461	44.60	0.247	0.349	0.405	0.446	0.503	0.596	0.731	0.893	1.055	1.191
4471	44.70	1.260	1.317	1.308	1.270	1.220	1.173	1.137	1.116	1.110	1.115
4481	44.80	1.127	1.140	1.145	1.134	1.099	1.038	0.955	0.862	0.773	0.703
4491	44.90	0.657	0.634	0.620	0.599	0.557	0.484	0.379	0.247	0.097	-0.064

Table 7—32—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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)
4501	45.00	-0.231	-0.400	-0.569	-0.733	-0.885	-1.016	-1.126	-1.216	-1.298	-1.382
4511	45.10	-1.478	-1.584	-1.687	-1.768	-1.805	-1.790	-1.727	-1.637	-1.548	-1.484
4521	45.20	-1.454	-1.448	-1.441	-1.410	-1.363	-1.263	-1.177	-1.080	-1.031	-1.057
4531	45.30	-0.344	-0.244	-0.140	-0.021	0.108	0.226	0.309	0.341	0.325	0.281
4541	45.40	0.242	0.237	0.277	0.353	0.442	0.514	0.551	0.552	0.536	0.531
4551	45.50	0.558	0.623	0.713	0.803	0.862	0.867	0.810	0.698	0.543	0.364
4561	45.60	0.172	-0.020	-0.206	-0.369	-0.504	-0.599	-0.651	-0.664	-0.649	-0.623
4571	45.70	-0.598	-0.582	-0.578	-0.581	-0.591	-0.607	-0.634	-0.675	-0.730	-0.795
4581	45.80	-0.857	-0.906	-0.932	-0.932	-0.910	-0.871	-0.823	-0.768	-0.710	-0.651
4591	45.90	-0.598	-0.559	-0.538	-0.536	-0.542	-0.540	-0.514	-0.456	-0.374	-0.291
4601	46.00	-0.237	-0.237	-0.299	-0.407	-0.526	-0.612	-0.626	-0.545	-0.374	-0.134
4611	46.10	0.140	0.414	0.659	0.861	1.016	1.127	1.201	1.242	1.250	1.222
4621	46.20	1.148	1.021	0.837	0.607	0.361	0.143	0.006	-0.004	0.133	0.400
4631	46.30	0.744	1.092	1.369	1.527	1.557	1.485	1.360	1.229	1.120	1.030
4641	46.40	0.940	0.830	0.696	0.561	0.466	0.453	0.543	0.723	0.950	1.167
4651	46.50	1.322	1.390	1.376	1.309	1.221	1.132	1.038	0.916	0.735	0.470
4661	46.60	0.120	-0.292	-0.723	-1.124	-1.452	-1.682	-1.809	-1.852	-1.843	-1.820
4671	46.70	-1.821	-1.865	-1.953	-2.063	-2.157	-2.192	-2.140	-1.994	-1.781	-1.564
4681	46.80	-1.334	-1.183	-1.098	-1.054	-1.013	-0.936	-0.803	-0.620	-0.414	-0.219
4691	46.90	-0.061	0.069	0.118	0.162	0.193	0.217	0.232	0.239	0.244	0.260
4701	47.00	0.302	0.375	0.467	0.555	0.610	0.619	0.591	0.561	0.569	0.641
4711	47.10	0.768	0.903	0.974	0.917	0.702	0.356	-0.045	-0.401	-0.623	-0.668
4721	47.20	-0.553	-0.342	-0.120	0.044	0.116	0.108	0.054	0.008	0.001	0.040
4731	47.30	0.111	0.186	0.244	0.275	0.281	0.274	0.262	0.249	0.231	0.202
4741	47.40	0.159	0.104	0.047	-0.002	-0.035	-0.050	-0.054	-0.057	-0.069	-0.099
4751	47.50	-0.147	-0.206	-0.260	-0.291	-0.284	-0.229	-0.130	-0.003	0.126	0.234
4761	47.60	0.307	0.350	0.378	0.418	0.485	0.582	0.691	0.780	0.822	0.803
4771	47.70	0.733	0.640	0.558	0.511	0.503	0.516	0.523	0.505	0.460	0.403
4781	47.80	0.359	0.346	0.363	0.392	0.406	0.391	0.357	0.341	0.389	0.535
4791	47.90	0.774	1.061	1.315	1.452	1.418	1.200	0.852	0.452	0.086	-0.186
4801	48.00	-0.344	-0.410	-0.426	-0.435	-0.465	-0.521	-0.595	-0.675	-0.755	-0.836
4811	48.10	-0.922	-1.011	-1.091	-1.145	-1.155	-1.115	-1.036	-0.944	-0.866	-0.822
4821	48.20	-0.815	-0.831	-0.844	-0.833	-0.784	-0.702	-0.604	-0.509	-0.434	-0.381
4831	48.30	-0.344	-0.310	-0.268	-0.211	-0.143	-0.071	-0.003	0.054	0.101	0.144
4841	48.40	0.188	0.239	0.300	0.367	0.436	0.501	0.556	0.602	0.640	0.674
4851	48.50	0.708	0.745	0.784	0.822	0.857	0.887	0.913	0.942	0.978	1.024
4861	48.60	1.077	1.130	1.174	1.203	1.218	1.229	1.251	1.298	1.370	1.457
4871	48.70	1.532	1.561	1.516	1.384	1.170	0.897	0.602	0.318	0.073	-0.116
4881	48.80	-0.246	-0.320	-0.346	-0.331	-0.288	-0.232	-0.181	-0.152	-0.159	-0.205
4891	48.90	-0.284	-0.384	-0.492	-0.601	-0.710	-0.825	-0.951	-1.082	-1.203	-1.289
4901	49.00	-1.316	-1.270	-1.155	-0.993	-0.819	-0.665	-0.553	-0.483	-0.442	-0.409
4911	49.10	-0.364	-0.301	-0.228	-0.160	-0.112	-0.089	-0.085	-0.083	-0.064	-0.017
4921	49.20	0.056	0.141	0.214	0.255	0.250	0.201	0.121	0.028	-0.059	-0.129
4931	49.30	-0.181	-0.219	-0.253	-0.290	-0.333	-0.382	-0.432	-0.479	-0.523	-0.565
4941	49.40	-0.607	-0.652	-0.702	-0.753	-0.802	-0.848	-0.888	-0.924	-0.959	-0.996
4951	49.50	-1.033	-1.068	-1.099	-1.123	-1.145	-1.171	-1.207	-1.257	-1.317	-1.374
4961	49.60	-1.411	-1.410	-1.361	-1.268	-1.146	-1.018	-0.905	-0.820	-0.764	-0.725
4971	49.70	-0.687	-0.635	-0.567	-0.486	-0.403	-0.329	-0.268	-0.218	-0.168	-0.111
4981	49.80	-0.041	0.037	0.116	0.187	0.246	0.297	0.348	0.407	0.479	0.560
4991	49.90	0.639	0.708	0.762	0.807	0.853	0.913	0.994	1.089	1.183	1.253

Table 7—32—11 TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1179 503-GR-1-60 HB. (HB.) KANNONZAKI MAX. ACC. = 38.380 (GAL) T= 7.50 (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)
5001	50.00	1.279	1.255	1.188	1.097	1.004	0.931	0.884	0.861	0.848	0.833
5011	50.10	0.808	0.770	0.725	0.681	0.644	0.614	0.588	0.561	0.529	0.493
5021	50.20	0.456	0.416	0.382	0.352	0.322	0.291	0.257	0.220	0.184	0.169
5031	50.30	0.118	0.088	0.057	0.023	-0.015	-0.054	-0.089	-0.118	-0.140	-0.155
5041	50.40	-0.169	-0.184	-0.202	-0.224	-0.248	-0.270	-0.291	-0.310	-0.331	-0.353
5051	50.50	-0.378	-0.402	-0.424	-0.442	-0.458	-0.475	-0.496	-0.522	-0.551	-0.579
5061	50.60	-0.600	-0.613	-0.622	-0.632	-0.653	-0.668	-0.732	-0.773	-0.795	-0.783
5071	50.70	-0.729	-0.637	-0.521	-0.401	-0.294	-0.210	-0.149	-0.101	-0.054	0.002
5081	50.80	0.070	0.147	0.226	0.301	0.368	0.429	0.489	0.552	0.620	0.691
5091	50.90	0.761	0.830	0.896	0.964	1.036	1.111	1.183	1.238	1.265	1.258
5101	51.00	1.221	1.171	1.130	1.120	1.168	1.199	1.243	1.235	1.141	0.945
5111	51.10	0.665	0.350	0.065	-0.123	-0.174	-0.084	0.113	0.357	0.584	0.767
5121	51.20	0.835	0.866	0.884	0.928	1.024	1.162	1.308	1.415	1.443	1.374
5131	51.30	1.221	1.021	0.821	0.658	0.568	0.484	0.442	0.393	0.320	0.219
5141	51.40	0.102	-0.013	-0.110	-0.187	-0.250	-0.314	-0.394	-0.494	-0.608	-0.721
5151	51.50	-0.817	-0.881	-0.911	-0.913	-0.900	-0.890	-0.895	-0.920	-0.963	-1.013
5161	51.60	-1.059	-1.089	-1.096	-1.077	-1.038	-0.987	-0.934	-0.888	-0.855	-0.836
5171	51.70	-0.821	-0.811	-0.800	-0.785	-0.766	-0.747	-0.729	-0.714	-0.701	-0.688
5181	51.80	-0.673	-0.655	-0.635	-0.614	-0.596	-0.581	-0.568	-0.554	-0.538	-0.519
5191	51.90	-0.498	-0.479	-0.462	-0.447	-0.433	-0.418	-0.401	-0.381	-0.360	-0.340
5201	52.00	-0.324	-0.311	-0.298	-0.283	-0.263	-0.240	-0.218	-0.198	-0.185	-0.176
5211	52.10	-0.166	-0.151	-0.125	-0.086	-0.036	0.017	0.069	0.114	0.154	0.190
5221	52.20	0.226	0.265	0.306	0.348	0.388	0.426	0.462	0.498	0.538	0.582
5231	52.30	0.627	0.671	0.710	0.743	0.774	0.807	0.848	0.898	0.954	1.007
5241	52.40	1.046	1.063	1.052	1.019	0.971	0.922	0.882	0.855	0.841	0.836
5251	52.50	0.828	0.816	0.799	0.777	0.755	0.738	0.726	0.716	0.702	0.674
5261	52.60	0.626	0.554	0.463	0.361	0.261	0.174	0.107	0.058	0.020	-0.021
5271	52.70	-0.075	-0.150	-0.243	-0.344	-0.444	-0.537	-0.627	-0.723	-0.837	-0.977
5281	52.80	-1.132	-1.278	-1.382	-1.413	-1.353	-1.212	-1.021	-0.822	-0.657	-0.546
5291	52.90	-0.486	-0.451	-0.410	-0.361	-0.239	-0.119	-0.008	0.076	0.131	0.175
5301	53.00	0.236	0.336	0.469	0.613	0.720	0.742	0.651	0.454	0.189	-0.085
5311	53.10	-0.316	-0.474	-0.565	-0.620	-0.684	-0.790	-0.948	-1.139	-1.326	-1.467
5321	53.20	-1.534	-1.524	-1.455	-1.357	-1.265	-1.201	-1.175	-1.176	-1.193	-1.208
5331	53.30	-1.207	-1.188	-1.156	-1.123	-1.100	-1.094	-1.103	-1.116	-1.115	-1.084
5341	53.40	-1.012	-0.903	-0.771	-0.639	-0.525	-0.439	-0.377	-0.325	-0.264	-0.182
5351	53.50	-0.082	0.026	0.123	0.201	0.261	0.314	0.380	0.469	0.578	0.693
5361	53.60	0.793	0.866	0.907	0.941	0.994	1.087	1.222	1.375	1.506	1.572
5371	53.70	1.545	1.418	1.213	0.964	0.706	0.465	0.251	0.068	-0.083	-0.192
5381	53.80	-0.246	-0.231	-0.148	-0.013	0.141	0.279	0.373	0.416	0.424	0.424
5391	53.90	0.444	0.498	0.576	0.654	0.704	0.707	0.662	0.586	0.507	0.450
5401	54.00	0.425	0.429	0.445	0.453	0.442	0.411	0.371	0.334	0.311	0.305
5411	54.10	0.308	0.310	0.301	0.279	0.249	0.222	0.205	0.202	0.209	0.215
5421	54.20	0.211	0.193	0.166	0.133	0.109	0.101	0.107	0.120	0.132	0.136
5431	54.30	0.133	0.128	0.131	0.146	0.170	0.193	0.206	0.206	0.189	0.174
5441	54.40	0.173	0.191	0.221	0.244	0.238	0.192	0.110	0.015	-0.063	-0.102
5451	54.50	-0.102	-0.082	-0.073	-0.103	-0.174	-0.265	-0.341	-0.373	-0.357	-0.319
5461	54.60	-0.303	-0.346	-0.452	-0.583	-0.673	-0.654	-0.492	-0.205	0.145	0.477
5471	54.70	0.732	0.895	0.997	1.087	1.203	1.362	1.463	1.514	1.469	1.355
5481	54.80	1.242	1.214	1.319	1.536	1.772	1.921	1.910	1.752	1.549	1.446
5491	54.90	1.546	1.866	2.205	2.397	2.202	1.519	0.427	-0.823	-1.900	-2.522

Table 7—33—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	0.0	4.193	4.455	4.035	2.934	1.340	-0.426	-1.992	-3.064	-3.543
11	0.10	-3.558	-3.424	-3.503	-4.048	-5.089	-6.617	-7.689	-8.585	-8.961	-8.804
21	0.20	-8.602	-8.282	-7.950	-7.392	-6.256	-4.268	-1.444	1.815	4.829	6.901
31	0.30	7.633	7.117	5.905	4.748	4.241	4.535	5.280	5.837	5.637	4.507
41	0.40	2.781	1.130	0.193	0.221	0.920	1.604	1.572	0.525	-1.225	-2.875
51	0.50	-3.532	-2.697	-0.567	2.005	3.898	4.256	2.909	0.450	-2.057	-3.591
61	0.60	-3.651	-2.438	-0.688	0.749	1.340	1.068	0.320	-0.462	-1.122	-1.925
71	0.70	-3.366	-3.765	-8.917	-11.972	-13.727	-13.181	-10.087	-5.212	-0.123	3.440
81	0.80	4.304	2.405	-1.179	-4.685	-6.428	-5.510	-2.165	2.518	6.961	9.960
91	0.90	11.039	10.516	9.172	7.770	6.663	5.716	4.518	2.758	0.524	-1.652
101	1.00	-3.021	-3.007	-1.525	0.915	3.400	4.992	5.109	3.738	1.385	-1.174
111	1.10	-3.221	-4.334	-4.456	-3.793	-2.664	-1.349	-0.058	1.039	1.771	1.987
121	1.20	1.651	0.957	0.370	0.528	1.996	4.978	9.121	13.531	17.025	18.535
131	1.30	17.487	13.998	8.804	2.952	-2.578	-7.161	-10.599	-12.981	-14.450	-15.018
141	1.40	-14.558	-12.960	-10.350	-7.226	-4.373	-2.587	-2.320	-3.433	-5.205	-6.622
151	1.50	-6.823	-5.489	-2.996	-0.231	1.813	2.687	1.748	0.129	-1.559	-2.617
161	1.60	-2.732	-2.026	-0.863	0.422	1.713	3.094	4.669	6.330	7.674	8.146
171	1.70	7.361	5.417	3.004	1.186	0.929	2.600	5.707	9.046	11.227	11.323
181	1.80	9.327	6.160	3.221	1.672	1.849	3.077	4.018	3.359	0.506	-4.090
191	1.90	-9.132	-13.094	-14.934	-14.527	-12.596	-10.199	-8.069	-6.180	-3.801	-0.016
201	2.00	5.563	12.299	18.556	22.277	21.887	17.060	8.988	-0.021	-7.443	-11.536
211	2.10	-11.985	-9.927	-7.361	-6.230	-7.602	-11.283	-15.990	-19.951	-21.633	-20.293
221	2.20	-16.145	-10.155	-3.612	2.330	6.956	10.076	11.941	13.040	13.889	14.850
231	2.30	16.010	17.141	17.751	17.246	15.168	11.438	6.488	1.206	-3.333	-6.268
241	2.40	-7.293	-6.794	-5.668	-4.900	-5.077	-6.085	-7.158	-7.268	-5.693	-2.470
251	2.50	1.503	4.797	6.081	4.743	1.217	-3.186	-6.850	-8.585	-8.155	-6.344
261	2.60	-4.519	-3.903	-4.904	-6.862	-8.228	-7.478	-3.733	2.586	9.792	15.522
271	2.70	17.680	15.332	9.155	1.256	-5.405	-9.063	-8.054	-3.209	3.407	9.115
281	2.80	11.662	10.070	4.973	-1.687	-7.460	-10.358	-9.596	-5.832	-0.810	3.423
291	2.90	5.370	4.664	2.123	-0.723	-2.408	-2.239	-0.620	1.174	1.665	-0.048
301	3.00	-3.759	-8.171	-11.454	-12.106	-9.695	-5.147	-0.346	2.717	2.893	0.451
311	3.10	-3.014	-5.333	-4.823	-1.150	4.435	9.625	12.130	10.779	6.126	0.248
321	3.20	-4.195	-5.199	-2.378	2.821	7.756	9.782	7.460	1.196	-6.961	-14.147
331	3.30	-18.089	-17.332	-14.087	-8.720	-3.793	-0.647	0.559	0.688	0.975	2.295
341	3.40	4.712	7.518	9.701	10.526	9.909	8.395	6.771	5.577	4.807	3.975
351	3.50	2.508	0.212	-2.464	-4.563	-5.086	-3.561	-0.373	3.328	6.142	7.088
361	3.60	6.083	3.975	2.093	1.535	2.576	4.493	5.924	5.580	2.958	-1.316
371	3.70	-5.690	-8.357	-8.059	-4.660	0.777	6.428	10.442	11.616	9.739	5.498
381	3.80	0.086	-5.391	-10.041	-13.451	-15.452	-15.961	-14.924	-12.424	-8.869	-5.078
391	3.90	-2.152	-1.108	-2.442	-5.827	-10.142	-13.857	-15.627	-14.822	-11.750	-7.468
401	4.00	-3.272	-0.128	1.687	2.572	3.252	4.300	5.795	7.310	8.212	8.106
411	4.10	7.159	6.099	5.871	7.126	9.808	13.074	15.622	16.269	14.508	10.755
421	4.20	6.159	2.083	-0.510	-1.423	-1.209	-0.762	-0.777	-1.362	-2.021	-2.001
431	4.30	-0.815	1.378	3.765	5.265	5.136	3.628	1.059	-0.624	-0.566	1.360
441	4.40	4.159	6.119	5.662	2.236	-3.232	-8.599	-11.432	-10.180	-5.036	1.973
451	4.50	7.780	9.630	6.385	-0.839	-9.052	-14.660	-14.956	-9.527	-0.321	9.055
461	4.60	14.879	14.871	9.101	-0.129	-9.343	-15.370	-16.580	-13.347	-7.608	-1.810
471	4.70	2.224	3.964	4.135	4.069	4.856	6.744	9.067	10.706	10.762	9.079
481	4.80	6.328	3.627	1.933	1.569	1.997	2.329	-0.311	-3.243	-6.320	
491	4.90	-8.777	-10.324	-11.259	-12.196	-13.568	-15.193	-16.195	-15.368	-11.833	-5.652

Table 7—33—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	1.944	8.887	13.057	13.188	9.459	3.482	-2.335	-5.773	-5.710	-2.531
511	5.10	2.114	6.100	7.771	6.629	3.466	-0.077	-2.307	-2.224	0.098	3.642
521	5.20	6.998	9.020	9.299	8.235	6.720	5.616	5.304	5.518	5.526	4.541
531	5.30	2.150	-1.448	-5.512	-9.070	-11.327	-11.962	-11.192	-9.598	-7.819	-6.282
541	5.40	-5.084	-4.078	-3.074	-2.035	-1.154	-0.751	-1.041	-2.029	-3.225	-3.952
551	5.50	-3.506	-1.478	2.050	6.487	10.919	14.406	16.258	16.199	14.356	11.134
561	5.60	7.037	2.555	-1.882	-5.869	-9.004	-10.918	-11.373	-10.381	-8.263	-5.597
571	5.70	-3.036	-1.083	0.088	0.663	1.055	1.672	2.691	3.966	5.110	5.700
581	5.80	5.500	4.581	3.271	1.962	0.898	0.051	-0.845	-2.116	-3.931	-6.185
591	5.90	-8.528	-10.542	-11.953	-12.743	-13.104	-13.245	-13.188	-12.677	-11.284	-8.681
601	6.00	-4.923	-0.579	3.405	6.073	6.895	6.044	4.368	3.027	2.972	4.517
611	6.10	7.209	10.075	12.122	12.832	12.395	11.572	11.247	11.910	13.359	14.761
621	6.20	15.067	13.568	10.184	5.687	1.156	-2.472	-4.855	-6.370	-7.827	-9.954
631	6.30	-12.907	-16.097	-18.422	-18.801	-16.737	-12.615	-7.568	-2.973	0.167	1.651
641	6.40	2.103	2.576	3.946	6.416	9.382	11.734	12.423	11.025	7.971	4.357
651	6.50	1.406	-0.139	-0.366	-0.112	-0.490	-2.261	-5.376	-8.942	-11.632	-12.351
661	6.60	-10.821	-7.780	-4.686	-3.056	-3.738	-6.496	-10.078	-12.776	-13.188	-10.841
671	6.70	-6.378	-1.243	2.987	5.284	5.559	4.596	3.596	3.566	4.903	7.283
681	6.80	9.950	12.169	13.600	14.399	15.004	15.764	16.622	17.069	16.382	14.044
691	6.90	10.091	5.208	0.482	-3.047	-4.822	-4.977	-4.192	-3.313	-2.918	-3.077
701	7.00	-3.419	-3.444	-2.895	-1.960	-1.182	-1.125	-1.992	-3.417	-4.587	-4.663
711	7.10	-3.157	-0.435	2.543	4.531	4.575	2.457	-1.215	-5.303	-8.668	-10.658
721	7.20	-11.309	-11.178	-10.922	-10.867	-10.816	-10.206	-8.500	-5.608	-2.062	1.166
731	7.30	3.120	3.358	2.225	0.722	0.062	1.072	3.797	7.468	10.869	12.896
741	7.40	13.043	11.671	9.299	7.143	5.655	4.804	4.078	2.835	0.699	-2.238
751	7.50	-5.477	-8.414	-10.670	-12.269	-13.551	-14.886	-16.347	-17.558	-17.816	-16.442
761	7.60	-13.189	-8.674	-3.306	1.093	3.785	4.512	3.797	2.690	2.292	3.271
771	7.70	5.592	8.564	11.185	12.586	12.393	10.849	8.673	6.737	5.729	5.929
781	7.80	7.167	8.944	10.626	11.627	11.523	10.106	7.386	3.589	-0.862	-5.385
791	7.90	-9.337	-12.156	-13.516	-13.413	-12.185	-10.361	-8.475	-6.878	-5.636	-4.578
801	8.00	-3.416	-1.936	-0.103	1.935	3.941	5.718	7.190	8.390	9.360	10.051
811	8.10	10.283	9.824	8.554	6.625	4.511	2.878	2.310	3.003	4.584	6.181
821	8.20	6.725	5.398	2.020	-2.822	-7.955	-12.071	-14.237	-14.253	-12.681	-10.538
831	8.30	-8.814	-8.017	-7.980	-8.001	-7.252	-5.236	-2.083	1.479	4.438	5.966
841	8.40	5.796	4.331	2.441	1.046	0.699	1.367	2.503	3.370	3.437	2.659
851	8.50	1.486	0.626	0.676	1.813	3.709	5.693	7.083	7.508	7.049	6.142
861	8.60	5.290	4.737	4.306	3.457	1.607	-1.519	-5.621	-9.831	-13.013	-14.219
871	8.70	-13.116	-10.172	-6.503	-3.440	-1.989	-2.416	-4.150	-6.034	-6.813	-5.669
881	8.80	-2.552	1.804	6.196	9.430	10.770	10.181	8.257	5.926	4.043	3.071
891	8.90	2.970	3.309	3.522	3.185	2.172	0.657	-1.028	-2.579	-3.849	-4.865
901	9.00	-5.739	-6.536	-7.181	-7.465	-7.148	-6.102	-4.423	-2.444	-0.634	0.574
911	9.10	0.956	0.585	-0.188	-0.867	-0.990	-0.288	1.225	3.269	5.391	7.107
921	9.20	8.033	7.981	6.989	5.303	3.302	1.393	-0.092	-0.986	-1.332	-1.355
931	9.30	-1.380	-1.702	-2.461	-3.574	-4.742	-5.558	-5.656	-4.858	-3.255	-1.189
941	9.40	0.855	2.399	3.117	2.906	1.882	0.320	-1.462	-3.081	-4.330	-4.997
951	9.50	-4.973	-4.243	-2.902	-1.160	0.688	2.333	3.547	4.262	4.593	4.785
961	9.60	5.090	5.639	6.355	6.961	7.086	6.423	4.823	2.605	0.015	-2.420
971	9.70	-4.299	-5.424	-6.831	-5.733	-5.399	-5.052	-4.809	-4.694	-4.693	-4.809
981	9.80	-5.080	-5.545	-6.185	-6.880	-7.413	-7.562	-7.097	-6.062	-4.595	-2.957
991	9.90	-1.395	-0.012	1.290	2.772	4.714	7.242	10.193	13.085	15.237	15.996

Table 7—33—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
1001	10.00	14.984	12.280	8.447	4.383	1.035	-0.907	-1.247	-0.338	1.059	2.066
1011	10.10	2.027	0.750	-1.414	-3.713	-5.287	-5.507	-4.221	-1.825	0.885	3.005
1021	10.20	3.857	3.225	1.413	-0.896	-2.910	-4.023	-4.015	-3.082	-1.710	-0.446
1031	10.30	0.329	0.508	0.269	-0.073	-0.242	-0.140	0.107	0.227	-0.063	-0.793
1041	10.40	-1.850	-2.799	-3.117	-2.577	-0.434	2.666	8.541	10.159	10.159	10.114
1051	10.50	8.389	5.440	2.062	-0.863	-2.643	-3.003	-2.156	-0.726	0.486	0.780
1061	10.60	-0.202	-2.366	-5.217	-8.043	-10.168	-11.155	-10.912	-9.655	-7.780	-5.690
1071	10.70	-3.670	-1.850	-0.240	1.177	2.375	3.268	3.756	3.807	3.514	3.098
1081	10.80	2.844	2.981	3.583	4.522	5.503	6.182	6.297	5.787	4.817	3.732
1091	10.90	2.935	2.744	3.289	4.456	5.921	7.238	7.958	7.750	6.484	4.268
1101	11.00	1.420	-1.605	-4.336	-6.401	-7.618	-8.029	-7.859	-7.421	-6.993	-6.724
1111	11.10	-6.597	-6.478	-6.207	-5.703	-5.022	-4.335	-3.839	-3.646	-3.705	-3.808
1121	11.20	-3.687	-3.160	-2.253	-1.228	-0.500	-0.453	-1.246	-2.689	-4.266	-5.300
1131	11.30	-5.212	-3.751	-1.128	2.036	4.923	6.785	7.216	6.276	4.451	2.665
1141	11.40	1.026	0.586	1.219	2.627	4.272	5.579	6.115	5.714	4.495	2.790
1151	11.50	1.009	-0.499	-1.558	-2.191	-2.582	-2.975	-3.548	-4.322	-5.138	-5.709
1161	11.60	-5.744	-5.079	-3.776	-2.125	-0.555	0.519	0.858	0.486	-0.326	-1.183
1171	11.70	-1.730	-1.843	-1.582	-1.224	-1.052	-1.203	-1.564	-1.805	-1.510	-0.581
1181	11.80	1.603	4.137	6.672	8.617	9.548	9.360	8.295	6.826	5.463	4.564
1191	11.90	4.207	4.191	4.135	3.643	2.463	0.588	-1.729	-4.046	-5.849	-6.699
1201	12.00	-6.355	-4.851	-2.509	0.117	2.383	3.718	3.804	2.686	0.781	-1.239
1211	12.10	-2.663	-2.992	-2.124	-0.410	1.470	2.749	2.867	1.689	-0.437	-2.808
1221	12.20	-4.638	-5.346	-4.788	-3.286	-1.495	-0.151	0.210	-0.570	-2.236	-4.239
1231	12.30	-5.946	-6.845	-6.680	-5.472	-3.643	-0.901	1.865	4.633	7.238	9.529
1241	12.40	11.328	12.429	12.650	11.844	10.065	7.488	4.516	1.302	-1.554	-3.784
1251	12.50	-5.293	-6.051	-6.167	-5.824	-5.231	-4.577	-3.998	-3.563	-3.269	-3.055
1261	12.60	-2.833	-2.523	-2.082	-1.526	-0.929	-0.406	-0.083	-0.066	-0.405	-1.096
1271	12.70	-2.064	-3.173	-4.237	-5.041	-5.372	-5.065	-4.049	-2.390	-0.304	1.877
1281	12.80	3.775	5.063	5.561	5.283	4.432	3.321	2.272	1.508	1.095	0.951
1291	12.90	0.901	0.780	0.507	0.119	-0.245	-0.413	-0.255	0.256	1.038	1.928
1301	13.00	2.738	3.318	3.584	3.530	3.201	2.659	1.964	1.164	0.305	-0.554
1311	13.10	-1.332	-1.932	-2.265	-2.277	-1.975	-1.427	-0.750	-0.065	0.534	1.020
1321	13.20	1.435	1.868	2.412	3.112	3.921	4.697	5.228	5.294	4.731	3.694
1331	13.30	1.670	-0.534	-2.855	-5.035	-6.885	-8.310	-9.307	-9.936	-10.276	-10.397
1341	13.40	-10.333	-10.081	-9.603	-8.833	-7.691	-6.103	-4.033	-1.514	1.328	4.268
1351	13.50	7.020	9.300	10.897	11.736	11.884	11.514	10.823	9.950	8.924	7.673
1361	13.60	6.082	4.071	1.667	-0.977	-3.618	-5.994	-7.898	-9.215	-9.930	-10.087
1371	13.70	-9.753	-8.996	-7.888	-6.522	-5.015	-3.484	-2.004	-0.553	0.996	2.821
1381	13.80	5.059	7.688	10.462	12.938	14.591	15.005	14.032	11.872	9.019	6.096
1391	13.90	3.638	1.916	0.871	0.178	-0.592	-1.769	-3.464	-5.524	-7.608	-9.320
1401	14.00	-10.349	-10.552	-9.978	-8.817	-7.325	-5.758	-4.315	-3.127	-2.253	-1.685
1411	14.10	-1.365	-1.198	-1.076	-0.903	-0.620	-0.203	0.343	1.016	1.832	2.821
1421	14.20	3.995	5.301	6.587	7.615	8.111	7.862	6.799	5.038	2.852	0.584
1431	14.30	-1.467	-3.124	-4.358	-5.238	-5.854	-6.244	-6.373	-6.175	-5.617	-4.751
1441	14.40	-3.717	-2.681	-1.743	-0.878	0.054	1.225	2.697	4.335	5.781	6.571
1451	14.50	6.316	4.895	2.552	-0.160	-2.556	-4.076	-4.478	-3.918	-2.848	-1.813
1461	14.60	-1.220	-1.197	-1.578	-2.031	-2.235	-2.031	-1.470	-0.756	-0.119	0.304
1471	14.70	0.519	0.633	0.771	0.989	1.269	1.461	1.569	1.616	1.744	2.120
1481	14.80	2.834	3.809	4.809	5.531	5.743	5.407	4.707	3.964	3.471	3.334
1491	14.90	3.393	3.284	2.604	1.108	-1.148	-3.801	-6.313	-8.164	-9.049	-8.950

Table 7—33—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	-8.104	-6.858	-5.513	-4.226	-3.007	-1.799	-0.583	0.559	1.466	1.984
1511	15.10	2.065	1.830	1.743	1.512	1.966	2.879	4.141	5.431	6.432	6.924
1521	15.20	6.833	6.224	5.243	4.044	2.754	1.466	0.268	-0.824	-1.688	-2.313
1531	15.30	-2.725	-3.004	-3.247	-3.506	-3.748	-3.846	-3.638	-3.011	-1.985	-0.736
1541	15.40	0.448	1.274	1.558	1.291	0.631	-0.177	-0.908	-1.448	-1.800	-2.048
1551	15.50	-2.266	-2.460	-2.561	-2.469	-2.133	-1.599	-1.004	-0.511	-0.220	-0.109
1561	15.60	-0.044	0.145	0.554	1.131	1.678	1.937	1.729	1.063	0.170	-0.574
1571	15.70	-0.802	-0.313	0.836	2.345	3.785	4.760	5.037	4.601	3.611	2.311
1581	15.80	0.726	-0.333	-1.564	-2.529	-3.268	-3.700	-3.811	-3.691	-3.481	-3.413
1591	15.90	-3.678	-4.334	-5.256	-6.167	-6.747	-6.783	-6.281	-5.479	-4.748	-4.423
1601	16.00	-4.625	-5.185	-5.680	-5.602	-4.561	-2.459	0.461	3.704	6.704	9.033
1611	16.10	10.526	11.299	11.642	11.856	12.103	12.346	12.384	11.969	10.938	9.301
1621	16.20	7.242	5.044	2.976	1.195	-0.293	-1.599	-2.871	-4.211	-5.621	-7.007
1631	16.30	-8.233	-9.181	-9.796	-10.095	-10.120	-9.894	-9.378	-8.481	-7.107	-5.232
1641	16.40	-2.960	-0.538	1.691	3.391	4.340	4.508	4.075	3.352	2.722	2.413
1651	16.50	2.512	2.828	3.308	3.444	3.093	2.405	1.513	0.513	-1.755	-4.146
1661	16.60	-2.746	-2.367	-1.553	-0.526	0.680	1.278	1.762	1.917	1.808	1.549
1671	16.70	1.271	1.091	1.078	1.243	1.539	1.882	2.189	2.408	2.544	2.657
1681	16.80	2.826	3.107	3.487	3.870	4.094	3.991	3.451	2.475	1.181	-0.230
1691	16.90	-1.541	-2.591	-3.314	-3.733	-3.916	-3.918	-3.737	-3.316	-2.584	-1.523
1701	17.00	-0.211	1.157	2.321	3.031	3.126	2.566	1.532	0.173	-1.262	-2.587
1711	17.10	-3.694	-4.558	-5.113	-5.430	-5.489	-5.310	-4.914	-4.477	-4.012	-3.626
1721	17.20	-3.329	-3.038	-2.613	-1.911	-0.864	0.464	1.886	3.169	4.019	4.384
1731	17.30	4.290	3.913	3.480	3.170	3.030	2.969	2.801	2.342	1.504	0.343
1741	17.40	-0.948	-2.104	-2.879	-3.126	-2.829	-2.098	-1.116	-0.083	0.837	1.538
1751	17.50	1.975	2.157	2.125	1.947	1.705	1.479	1.328	1.266	1.260	1.231
1761	17.60	1.089	0.772	0.287	-0.282	-0.794	-1.101	-1.112	-0.829	-0.356	0.140
1771	17.70	0.491	0.596	0.462	0.198	-0.034	-0.082	0.132	0.584	1.168	1.737
1781	17.80	2.170	2.411	2.479	2.446	2.392	2.359	2.338	2.268	2.071	1.688
1791	17.90	1.104	0.349	-0.509	-1.389	-2.218	-2.933	-3.581	-3.813	-3.888	-3.688
1801	18.00	-3.236	-2.605	-1.915	-1.298	-0.864	-0.659	-0.658	-0.781	-0.939	-1.077
1811	18.10	-1.205	-1.381	-1.675	-2.107	-2.614	-3.054	-3.249	-3.067	-2.482	-1.607
1821	18.20	-0.657	0.129	0.579	0.658	0.466	0.190	-0.003	-0.048	-0.028	-0.139
1831	18.30	-0.593	-1.507	-2.809	-4.230	-5.374	-5.852	-5.428	-4.114	-2.179	-0.060
1841	18.40	1.792	3.066	3.693	3.850	3.873	4.099	4.228	5.728	6.848	7.723
1851	18.50	8.019	7.574	6.644	4.928	3.494	2.357	1.254	1.583	1.683	1.747
1861	18.60	1.536	0.969	0.035	-1.055	-2.166	-3.136	-4.007	-4.812	-5.617	-6.439
1871	18.70	-7.221	-7.850	-8.212	-8.244	-7.961	-7.438	-6.753	-5.933	-4.926	-3.618
1881	18.80	-1.906	0.233	2.680	5.187	7.431	9.114	10.050	10.218	9.748	8.855
1891	18.90	7.762	6.629	5.523	4.436	3.339	2.205	1.056	-0.069	-1.038	-1.849
1901	19.00	-2.451	-2.838	-3.015	-2.992	-2.773	-2.378	-1.851	-1.275	-0.756	-0.397
1911	19.10	-0.260	-0.335	-0.561	-0.769	-0.828	-0.701	-0.571	0.077	0.508	0.794
1921	19.20	0.843	0.722	0.455	0.180	-0.007	-0.076	-0.068	-0.092	-0.278	-0.678
1931	19.30	-1.281	-1.977	-2.604	-3.009	-3.109	-2.928	-2.590	-2.267	-2.110	-2.179
1941	19.40	-2.414	-2.652	-2.683	-2.523	-1.478	-0.171	1.473	3.270	5.026	6.578
1951	19.50	7.808	8.633	8.996	8.867	8.247	7.200	5.854	4.392	3.009	1.853
1961	19.60	0.966	0.276	-0.381	-1.186	-2.247	-3.554	-4.950	-6.192	-7.037	-7.334
1971	19.70	-7.083	-6.431	-5.609	-4.843	-4.268	-3.894	-3.620	-3.304	-2.833	-2.185
1981	19.80	-1.430	-0.690	-0.074	0.385	0.746	1.135	1.678	2.627	3.315	4.159
1991	19.90	4.722	4.797	4.292	3.276	1.966	0.662	-0.351	-0.885	-0.899	-0.492

Table 7—33—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	0.151	0.837	1.432	1.895	2.267	2.627	3.032	3.479	3.887	4.128
2011	20.10	4.070	3.626	2.787	1.623	0.256	-1.178	-2.568	-3.848	-4.996	-6.005
2021	20.20	-6.878	-7.588	-8.093	-8.361	-8.302	-7.976	-7.409	-6.670	-5.837	-4.960
2031	20.30	-4.050	-3.080	-2.000	-0.775	0.583	1.999	3.342	4.468	5.177	5.456
2041	20.40	5.312	4.874	4.337	3.909	3.741	3.882	4.260	4.715	5.051	5.108
2051	20.50	4.817	4.216	3.427	2.607	1.885	1.323	0.906	0.572	0.258	-0.061
2061	20.60	-0.362	-0.593	-0.715	-0.767	-0.772	-0.914	-1.274	-1.865	-2.585	-3.227
2071	20.70	-3.555	-3.396	-2.721	-1.670	-0.506	0.484	1.100	1.299	1.201	1.017
2081	20.80	0.946	1.074	1.345	1.587	1.611	1.301	0.679	-0.114	-0.891	-1.509
2091	20.90	-1.940	-2.268	-2.629	-3.115	-3.703	-4.245	-4.535	-4.414	-3.868	-3.050
2101	21.00	-2.231	-1.682	-1.551	-1.794	-2.205	-2.509	-2.495	-2.112	-1.474	-0.786
2111	21.10	-0.226	0.154	0.451	0.865	1.482	2.366	3.329	4.090	4.393	4.146
2121	21.20	3.481	2.720	2.233	2.272	2.867	3.717	4.497	4.823	4.519	3.663
2131	21.30	2.543	1.523	0.879	0.695	0.853	1.118	1.263	1.184	0.925	0.639
2141	21.40	0.487	0.555	0.611	1.137	1.401	1.524	1.505	1.398	1.245	1.029
2151	21.50	0.655	0.006	-0.989	-2.278	-3.678	-4.928	-5.789	-6.146	-6.061	-5.744
2161	21.60	-5.459	-5.308	-5.637	-6.017	-6.308	-6.264	-5.738	-4.743	-3.440	-2.068
2171	21.70	-0.852	0.070	0.676	1.034	1.252	1.228	1.616	1.832	2.067	2.313
2181	21.80	2.572	2.849	3.143	3.441	3.727	3.991	4.247	4.526	4.859	5.242
2191	21.90	5.618	5.876	5.881	5.531	4.802	3.775	2.616	1.519	0.636	0.019
2201	22.00	-0.396	-0.756	-1.221	-1.887	-2.741	-3.658	-4.449	-4.942	-5.069	-4.809
2211	22.10	-4.369	-3.924	-3.635	-3.565	-3.654	-3.746	-3.659	-3.267	-2.553	-1.626
2221	22.20	-0.676	0.102	0.586	0.778	0.800	0.842	1.086	1.633	2.460	3.439
2231	22.30	4.385	5.127	5.547	5.693	5.567	5.277	4.897	4.459	3.962	3.397
2241	22.40	2.768	2.108	1.463	0.864	0.305	-0.254	-0.876	-1.597	-2.405	-3.227
2251	22.50	-3.958	-4.503	-4.822	-4.964	-4.951	-4.929	-4.922	-4.912	-4.826	-4.580
2261	22.60	-4.129	-3.489	-2.726	-1.913	-1.085	-0.214	0.767	1.913	3.196	4.482
2271	22.70	5.547	6.155	6.148	5.516	4.404	3.053	1.700	0.490	-0.563	-1.548
2281	22.80	-2.573	-3.686	-4.819	-5.814	-6.493	-6.744	-6.574	-6.107	-5.513	-4.924
2291	22.90	-4.372	-3.786	-3.048	-2.076	-0.892	0.368	1.505	2.368	2.828	3.012
2301	23.00	3.068	3.182	3.479	3.970	4.566	5.129	5.562	5.754	5.780	5.670
2311	23.10	5.463	5.162	4.746	4.199	3.543	2.851	2.212	1.686	1.263	0.852
2321	23.20	0.348	-0.350	-1.231	-2.176	-3.000	-3.524	-3.669	-3.490	-3.157	-2.879
2331	23.30	-2.810	-2.978	-3.286	-3.564	-3.661	-3.512	-3.161	-2.728	-2.325	-1.994
2341	23.40	-1.675	-1.242	-0.574	0.367	1.498	2.635	3.561	4.116	4.260	4.084
2351	23.50	3.770	3.504	3.413	3.518	3.744	3.966	4.062	3.965	3.674	3.239
2361	23.60	2.735	2.228	1.757	1.336	0.947	0.573	0.177	-0.274	-0.812	-1.452
2371	23.70	-2.178	-2.938	-3.644	-4.196	-4.515	-4.575	-4.621	-4.161	-3.934	-3.859
2381	23.80	-3.997	-4.327	-4.754	-5.144	-5.373	-5.368	-5.119	-4.678	-4.122	-3.521
2391	23.90	-2.909	-2.279	-1.597	-0.827	0.043	0.991	1.966	2.905	3.757	4.496
2401	24.00	5.112	5.616	6.005	6.260	6.349	6.240	5.924	5.427	4.832	4.162
2411	24.10	3.553	3.036	2.620	2.286	1.992	1.710	1.414	1.089	0.714	0.257
2421	24.20	-0.324	-1.054	-1.918	-2.840	-3.687	-4.305	-4.574	-4.457	-4.024	-3.435
2431	24.30	-2.886	-2.535	-2.447	-2.579	-2.803	-2.975	-2.993	-2.841	-2.580	-2.311
2441	24.40	-2.111	-1.998	-1.919	-1.780	-1.495	-1.035	-0.639	0.196	0.758	1.164
2451	24.50	1.382	1.432	1.363	1.230	1.074	0.926	0.818	0.792	0.892	1.139
2461	24.60	1.507	1.910	2.221	2.316	2.133	1.716	1.213	0.822	0.717	0.962
2471	24.70	1.471	2.026	2.359	2.252	1.629	0.596	-0.609	-1.678	-2.365	-2.561
2481	24.80	-2.315	-1.807	-1.264	-0.879	-0.745	-0.848	-1.088	-1.336	-1.482	-1.466
2491	24.90	-1.280	-0.947	-0.503	0.020	0.601	1.219	1.850	2.466	3.041	3.558

Table 7—33—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	4.006	4.374	4.629	4.710	4.526	3.985	3.031	1.689	0.079	-1.593
2511	25.10	-3.095	-4.232	-4.916	-5.189	-5.208	-5.173	-5.241	-5.455	-5.727	-5.854
2521	25.20	-5.620	-4.880	-3.629	-2.020	-0.305	1.247	2.533	3.268	3.774	4.133
2531	25.30	4.473	4.838	5.150	5.256	5.006	4.344	3.369	2.221	1.209	0.509
2541	25.40	0.188	0.166	0.260	0.273	0.091	-0.275	-0.700	-1.020	-1.113	-0.969
2551	25.50	-0.685	-0.414	-0.278	-0.300	-0.387	-0.379	-0.137	0.373	1.040	1.642
2561	25.60	1.939	1.780	1.172	0.292	-0.586	-1.203	-1.409	-1.221	-0.795	-0.346
2571	25.70	-0.051	0.020	-0.080	-0.218	-0.256	-0.117	0.182	0.550	0.873	1.065
2581	25.80	1.102	1.017	0.868	0.700	0.513	0.273	-0.089	-0.536	-1.105	-1.702
2591	25.90	-2.231	-2.607	-2.787	-2.788	-2.674	-2.526	-2.414	-2.375	-2.399	-2.445
2601	26.00	-2.458	-2.395	-2.239	-2.004	-1.728	-1.455	-1.221	-1.033	-0.868	-0.682
2611	26.10	-0.424	-0.062	0.402	0.931	1.459	1.922	2.278	2.524	2.692	2.832
2621	26.20	2.984	3.153	3.313	3.412	3.404	3.268	3.020	2.699	2.342	1.965
2631	26.30	1.569	1.062	0.582	-0.167	-0.809	-1.329	-1.614	-1.602	-1.314	-0.856
2641	26.40	-0.382	-0.043	0.067	-0.059	-0.369	-0.691	-0.978	-1.150	-1.214	-1.222
2651	26.50	-1.250	-1.352	-1.545	-1.800	-2.054	-2.236	-2.285	-2.164	-1.865	-1.404
2661	26.60	-0.821	-0.175	0.468	1.035	1.464	1.714	1.776	1.679	1.478	1.245
2671	26.70	1.042	0.911	0.860	0.867	0.889	0.883	0.817	0.680	0.482	0.249
2681	26.80	0.003	-0.243	-0.490	-0.753	-1.039	-1.339	-1.617	-1.815	-1.875	-1.766
2691	26.90	-1.514	-1.204	-0.959	-0.897	-1.077	-1.459	-1.908	-2.228	-2.240	-1.854
2701	27.00	-1.117	-0.203	0.646	1.214	1.397	1.265	0.939	0.717	0.769	1.165
2711	27.10	1.823	2.552	3.132	3.405	3.334	3.002	2.562	2.166	1.895	1.737
2721	27.20	1.614	1.432	1.143	0.771	0.403	0.146	0.071	0.179	0.397	0.610
2731	27.30	0.712	0.645	0.423	0.116	-0.187	-0.409	-0.515	-0.512	-0.434	-0.319
2741	27.40	-0.197	-0.086	0.002	0.054	0.051	-0.017	-0.145	-0.301	-0.437	-0.508
2751	27.50	-0.501	-0.446	-0.413	-0.487	-0.720	-1.106	-1.564	-1.970	-2.200	-2.184
2761	27.60	-1.940	-1.569	-1.215	-1.004	-0.993	-1.147	-1.355	-1.484	-1.433	-1.181
2771	27.70	-0.783	-0.352	-0.002	0.193	0.227	0.152	0.050	-0.007	0.020	0.130
2781	27.80	0.291	0.458	0.592	0.664	0.657	0.559	0.374	0.122	-0.146	-0.360
2791	27.90	-0.445	-0.351	-0.087	0.273	0.600	0.758	0.651	0.265	-0.321	-0.963
2801	28.00	-1.502	-1.821	-1.879	-1.715	-1.418	-1.083	-0.781	-0.537	-0.345	-0.189
2811	28.10	-0.058	0.049	0.133	0.211	0.322	0.517	0.828	1.241	1.689	2.070
2821	28.20	2.289	2.304	2.156	1.959	1.852	1.939	2.238	2.664	3.064	3.276
2831	28.30	3.201	2.834	2.270	1.667	1.092	0.662	0.334	0.025	-0.353	-0.849
2841	28.40	-1.443	-2.057	-2.594	-2.995	-3.175	-3.222	-3.174	-3.091	-3.008	-2.930
2851	28.50	-2.847	-2.754	-2.646	-2.614	-2.631	-2.725	-2.870	-3.009	-3.076	-3.019
2861	28.60	-2.825	-2.514	-2.125	-1.685	-1.191	-0.609	0.103	0.968	1.956	2.981
2871	28.70	3.916	4.635	5.058	5.178	5.065	4.837	4.612	4.465	4.399	4.350
2881	28.80	4.215	3.899	3.350	2.584	1.678	0.746	-0.109	-0.805	-1.318	-1.671
2891	28.90	-1.911	-2.096	-2.283	-2.427	-2.581	-2.705	-2.780	-2.796	-2.753	-2.659
2901	29.00	-2.527	-2.362	-2.167	-1.937	-1.663	-1.329	-0.919	-0.416	0.189	0.891
2911	29.10	1.662	2.451	3.193	3.821	4.290	4.586	4.729	4.758	4.712	4.600
2921	29.20	4.392	4.050	3.455	2.642	1.851	0.528	-0.518	-1.360	-1.907	-2.151
2931	29.30	-2.174	-2.115	-2.119	-2.288	-2.652	-3.165	-3.732	-4.247	-4.625	-4.820
2941	29.40	-4.822	-4.646	-4.316	-3.860	-3.311	-2.711	-2.106	-1.561	-1.041	-0.597
2951	29.50	-0.172	0.286	0.813	1.402	1.997	2.498	2.803	2.844	2.616	2.187
2961	29.60	1.676	1.216	0.705	0.297	0.871	1.065	1.288	1.458	1.514	1.430
2971	29.70	1.215	0.909	0.570	0.268	0.060	-0.023	0.014	0.122	0.234	0.281
2981	29.80	0.231	0.100	-0.050	-0.135	-0.086	0.118	0.437	0.789	1.077	1.234
2991	29.90	1.241	1.129	0.957	0.778	0.618	0.475	0.328	0.160	-0.023	-0.205

Table 7—33—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
3001	30.00	-0.368	-0.521	-0.703	-0.974	-1.383	-1.934	-2.571	-3.186	-3.658	-3.891
3011	30.10	-3.852	-3.575	-3.132	-2.600	-2.023	-1.406	-0.738	-0.025	0.677	1.266
3021	30.20	1.626	1.674	1.416	0.956	0.470	0.141	0.087	0.312	0.700	1.065
3031	30.30	1.224	1.067	0.600	-0.069	-0.774	-1.360	-1.736	-1.896	-1.903	-1.869
3041	30.40	-1.803	-1.766	-1.670	-1.439	-1.035	-0.468	0.211	0.929	1.616	
3051	30.50	2.221	2.720	3.113	3.414	3.633	3.723	3.821	3.756	3.547	3.180
3061	30.60	2.653	1.987	1.229	0.444	-0.295	-0.912	-1.358	-1.608	-1.669	-1.527
3071	30.70	-1.390	-1.173	-0.987	-0.873	-0.851	-0.914	-1.031	-1.154	-1.227	-1.201
3081	30.80	-1.040	-0.736	-0.310	0.187	0.687	1.122	1.441	1.627	1.701	1.713
3091	30.90	1.722	1.771	1.868	1.980	2.045	2.002	1.819	1.510	1.140	0.795
3101	31.00	0.552	0.444	0.442	0.469	0.431	0.261	-0.052	-0.454	-0.854	-1.156
3111	31.10	-1.308	-1.316	-1.238	-1.155	-1.132	-1.192	-1.310	-1.438	-1.535	-1.593
3121	31.20	-1.646	-1.767	-1.942	-2.234	-2.581	-2.903	-3.121	-3.190	-3.119	-2.942
3131	31.30	-2.793	-2.670	-2.603	-2.553	-2.445	-2.205	-1.788	-1.198	-0.480	0.296
3141	31.40	1.062	1.776	2.424	3.012	3.547	4.026	4.424	4.706	4.836	4.801
3151	31.50	4.616	4.330	4.007	3.710	3.475	3.287	3.101	2.837	2.425	1.837
3161	31.60	1.105	0.326	-0.367	-0.854	-1.075	-1.063	-0.942	-0.887	-1.061	-1.553
3171	31.70	-2.338	-3.281	-4.187	-4.887	-5.201	-5.175	-4.871	-4.421	-3.969	-3.525
3181	31.80	-3.148	-2.767	-2.335	-1.746	-1.073	-0.348	0.356	0.968	1.447	1.779
3191	31.90	1.976	2.053	2.024	1.900	1.696	1.440	1.166	0.911	0.697	0.524
3201	32.00	0.375	0.227	0.070	-0.076	-0.171	-0.164	-0.025	0.238	0.576	0.912
3211	32.10	1.171	1.312	1.339	1.298	1.252	1.253	1.313	1.399	1.449	1.393
3221	32.20	1.185	0.818	0.325	-0.231	-0.781	-1.269	-1.661	-1.943	-2.116	-2.183
3231	32.30	-2.146	-2.003	-1.756	-1.421	-1.032	-0.641	-0.309	-0.089	-0.009	-0.058
3241	32.40	-0.184	-0.304	-0.439	-0.189	0.135	0.608	1.141	1.636	1.991	2.166
3251	32.50	2.179	2.104	2.040	2.071	2.232	2.490	2.760	2.931	2.905	2.631
3261	32.60	2.114	1.413	0.615	-0.191	-0.939	-1.588	-2.129	-2.570	-2.925	-3.211
3271	32.70	-3.443	-3.631	-3.781	-3.885	-3.922	-3.854	-3.638	-3.240	-2.657	-1.925
3281	32.80	-1.124	-0.358	0.271	0.699	0.916	0.977	0.982	1.041	1.233	1.585
3291	32.90	2.053	2.546	2.952	3.177	3.181	2.981	2.647	2.269	1.923	1.650
3301	33.00	1.438	1.241	0.994	0.652	0.202	-0.330	-0.886	-1.403	-1.832	-2.152
3311	33.10	-2.372	-2.517	-2.612	-2.667	-2.674	-2.607	-2.440	-2.153	-1.749	-1.244
3321	33.20	-0.670	-0.063	0.547	1.134	1.676	2.157	2.560	2.874	3.094	3.224
3331	33.30	3.279	3.276	3.233	3.159	3.054	2.909	2.713	2.456	2.140	1.772
3341	33.40	1.370	0.955	0.548	0.170	-0.161	-0.432	-0.636	-0.774	-0.856	-0.898
3351	33.50	-0.920	-0.940	-0.972	-1.023	-1.102	-1.214	-1.365	-1.557	-1.780	-2.006
3361	33.60	-2.193	-2.292	-2.266	-2.102	-1.833	-1.521	-1.241	-1.052	-0.972	-0.969
3371	33.70	-0.970	-0.888	-0.660	-0.269	0.244	0.800	1.309	1.700	1.963	2.050
3381	33.80	2.058	2.005	1.918	1.797	1.628	1.397	1.101	0.750	0.370	-0.019
3391	33.90	-0.403	-0.781	-1.154	-1.519	-1.856	-2.130	-2.298	-2.327	-2.203	-1.944
3401	34.00	-1.589	-1.197	-0.827	-0.527	-0.329	-0.246	-0.267	-0.365	-0.501	-0.627
3411	34.10	-0.702	-0.706	-0.648	-0.567	-0.523	-0.572	-0.740	-1.007	-1.300	-1.522
3421	34.20	-1.575	-1.405	-1.024	-0.505	0.036	0.485	0.763	0.854	0.802	0.688
3431	34.30	0.600	0.593	0.676	0.812	0.933	0.973	0.887	0.675	0.377	0.063
3441	34.40	-0.185	-0.299	-0.246	-0.033	0.287	0.637	0.939	1.136	1.212	1.191
3451	34.50	1.128	1.075	1.065	1.086	1.095	1.028	0.838	0.518	0.107	-0.319
3461	34.60	-0.677	-0.911	-1.005	-0.986	-0.902	-0.791	-0.667	-0.509	-0.282	0.035
3471	34.70	0.429	0.843	1.197	1.418	1.470	1.368	1.175	0.968	0.806	0.700
3481	34.80	0.615	0.483	0.245	-0.125	-0.600	-1.110	-1.566	-1.898	-2.073	-2.108
3491	34.90	-2.051	-1.962	-1.885	-1.833	-1.794	-1.736	-1.633	-1.471	-1.260	-1.023

Table 7—33—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
3501	35.00	-0.787	-0.570	-0.375	-0.188	0.016	0.258	0.552	0.893	1.262	1.626
3511	35.10	1.953	2.215	2.402	2.514	2.565	2.569	2.535	2.457	2.319	2.097
3521	35.20	1.771	1.333	0.797	0.197	-0.418	-0.992	-1.476	-1.830	-2.035	-2.091
3531	35.30	-2.022	-1.867	-1.680	-1.515	-1.416	-1.404	-1.467	-1.566	-1.643	-1.643
3541	35.40	-1.535	-1.324	-1.054	-0.787	-0.587	-0.491	-0.495	-0.560	-0.622	-0.620
3551	35.50	-0.515	-0.301	-0.007	0.319	0.628	0.880	1.059	1.167	1.220	1.244
3561	35.60	1.262	1.299	1.374	1.502	1.687	1.925	2.199	2.484	2.748	2.963
3571	35.70	3.107	3.169	3.146	3.044	2.868	2.627	2.328	1.982	1.603	1.215
3581	35.80	0.844	0.514	0.245	0.041	-0.111	-0.238	-0.381	-0.577	-0.847	-1.186
3591	35.90	-1.557	-1.892	-2.117	-2.165	-2.004	-1.651	-1.162	-0.624	-0.120	0.291
3601	36.00	0.591	0.799	0.952	1.086	1.209	1.304	1.333	1.265	1.086	0.818
3611	36.10	0.502	0.188	-0.093	-0.336	-0.565	-0.811	-1.097	-1.417	-1.735	-1.995
3621	36.20	-2.163	-2.149	-2.010	-1.759	-1.443	-1.116	-0.812	-0.560	-0.366	-0.224
3631	36.30	-0.122	-0.043	0.031	0.116	0.218	0.329	0.424	0.462	0.404	0.225
3641	36.40	-0.070	-0.448	-0.853	-1.227	-1.535	-1.776	-1.983	-2.206	-2.488	-2.843
3651	36.50	-3.246	-3.634	-3.935	-4.081	-4.034	-3.793	-3.387	-2.862	-2.262	-1.623
3661	36.60	-0.965	-0.298	0.366	1.009	1.607	2.129	2.550	2.858	3.061	3.186
3671	36.70	3.271	3.357	3.467	3.604	3.738	3.822	3.801	3.639	3.332	2.916
3681	36.80	2.463	2.050	1.738	1.546	1.443	1.362	1.224	0.972	0.594	0.123
3691	36.90	-0.373	-0.825	-1.187	-1.452	-1.650	-1.822	-1.997	-2.177	-2.332	-2.419
3701	37.00	-2.405	-2.289	-2.102	-1.899	-1.728	-1.611	-1.531	-1.439	-1.283	-1.032
3711	37.10	-0.696	-0.331	-0.011	0.198	0.267	0.221	0.126	0.089	0.122	0.318
3721	37.20	0.643	1.042	1.446	1.793	2.051	2.216	2.308	2.355	2.375	2.370
3731	37.30	2.326	2.225	2.050	1.800	1.485	1.128	0.750	0.365	-0.021	-0.411
3741	37.40	-0.803	-1.187	-1.539	-1.821	-1.995	-2.041	-1.967	-1.821	-1.680	-1.631
3751	37.50	-1.740	-2.027	-2.446	-2.899	-3.260	-3.412	-3.293	-2.913	-2.353	-1.735
3761	37.60	-1.179	-0.764	-0.501	-0.338	-0.190	0.020	0.331	0.727	1.144	1.504
3771	37.70	1.746	1.852	1.855	1.821	1.822	1.907	2.084	2.318	2.548	2.703
3781	37.80	2.731	2.609	2.344	1.971	1.541	1.105	0.705	0.366	0.090	-0.141
3791	37.90	-0.358	-0.591	-0.856	-1.144	-1.420	-1.629	-1.722	-1.670	-1.480	-1.196
3801	38.00	-0.884	-0.608	-0.413	-0.304	-0.256	-0.226	-0.179	-0.099	0.001	0.089
3811	38.10	0.127	0.093	-0.017	-0.189	-0.399	-0.622	-0.837	-1.028	-1.173	-1.244
3821	38.20	-1.211	-1.050	-0.759	-0.362	0.087	0.524	0.894	1.171	1.365	1.513
3831	38.30	1.664	1.852	2.079	2.315	2.504	2.590	2.537	2.335	1.999	1.562
3841	38.40	1.051	0.488	-0.117	-0.756	-1.431	-2.050	-2.629	-3.106	-3.456	-3.681
3851	38.50	-3.808	-3.876	-3.915	-3.929	-3.891	-3.744	-3.431	-2.919	-2.218	-1.387
3861	38.60	-0.524	0.279	0.907	1.353	1.616	1.747	1.809	1.856	1.918	1.987
3871	38.70	2.048	2.078	2.070	2.035	1.998	1.992	2.036	2.134	2.274	2.431
3881	38.80	2.580	2.698	2.772	2.790	2.748	2.642	2.479	2.274	2.053	1.845
3891	38.90	1.673	1.542	1.433	1.310	1.133	0.876	0.544	0.173	-0.179	-0.456
3901	39.00	-0.624	-0.692	-0.706	-0.736	-0.847	-1.077	-1.421	-1.833	-2.240	-2.571
3911	39.10	-2.775	-2.835	-2.768	-2.613	-2.413	-2.202	-1.998	-1.797	-1.588	-1.358
3921	39.20	-1.100	-0.819	-0.529	-0.244	0.026	0.285	0.540	0.801	1.063	1.303
3931	39.30	1.475	1.526	1.415	1.131	0.712	0.240	-0.185	-0.472	-0.576	-0.512
3941	39.40	-0.357	-0.213	-0.174	-0.285	-0.532	-0.848	-1.146	-1.354	-1.440	-1.417
3951	39.50	-1.326	-1.208	-1.080	-0.931	-0.738	-0.488	-0.196	0.086	0.297	0.391
3961	39.60	0.368	0.279	0.210	0.244	0.420	0.710	1.032	1.280	1.372	1.286
3971	39.70	1.072	0.826	0.669	0.607	0.699	0.870	1.032	1.107	1.054	0.880
3981	39.80	0.622	0.326	0.016	-0.297	-0.622	-0.960	-1.290	-1.568	-1.744	-1.784
3991	39.90	-1.694	-1.520	-1.339	-1.227	-1.227	-1.335	-1.498	-1.636	-1.670	-1.555

Table 7—33—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	-1.284	-0.893	-0.438	0.017	0.425	0.756	1.000	1.160	1.250	1.287
4011	40.10	1.291	1.279	1.264	1.248	1.219	1.162	1.063	0.919	0.743	0.563
4021	40.20	0.405	0.209	0.212	0.155	0.092	0.014	-0.068	-0.116	-0.084	0.059
4031	40.30	0.311	0.627	0.932	1.153	1.243	1.199	1.065	0.897	0.753	0.647
4041	40.40	0.559	0.445	0.262	0.000	-0.316	-0.634	-0.902	-1.092	-1.214	-1.303
4051	40.50	-1.398	-1.513	-1.622	-1.670	-1.597	-1.372	-1.011	-0.573	-0.136	0.236
4061	40.60	0.523	0.745	0.950	1.177	1.429	1.674	1.858	1.942	1.931	1.874
4071	40.70	1.848	1.907	2.050	2.206	2.254	2.080	1.625	0.928	0.109	-0.666
4081	40.80	-1.262	-1.623	-1.791	-1.880	-2.014	-2.270	-2.637	-3.028	-3.321	-3.426
4091	40.90	-3.322	-3.067	-2.766	-2.519	-2.371	-2.298	-2.228	-2.082	-1.821	-1.467
4101	41.00	-1.093	-0.775	-0.558	-0.422	-0.298	-0.102	0.216	0.645	1.109	1.508
4111	41.10	1.763	1.854	1.836	1.806	1.858	2.032	2.295	2.549	2.680	2.608
4121	41.20	2.324	1.893	1.430	1.045	0.804	0.702	0.674	0.633	0.504	0.261
4131	41.30	-0.066	-0.410	-0.692	-0.858	-0.895	-0.832	-0.724	-0.631	-0.594	-0.624
4141	41.40	-0.702	-0.785	-0.843	-0.836	-0.765	-0.654	-0.547	-0.492	-0.521	-0.630
4151	41.50	-0.781	-0.905	-0.925	-0.788	-0.480	-0.041	0.450	0.900	1.233	1.420
4161	41.60	1.479	1.471	1.465	1.515	1.635	1.799	1.949	2.024	1.983	1.818
4171	41.70	1.560	1.261	0.978	0.757	0.616	0.565	0.510	0.467	0.374	0.201
4181	41.80	-0.055	-0.376	-0.724	-1.054	-1.327	-1.522	-1.640	-1.705	-1.747	-1.797
4191	41.90	-1.866	-1.951	-2.032	-2.087	-2.100	-2.068	-2.000	-1.909	-1.809	-1.709
4201	42.00	-1.613	-1.525	-1.445	-1.375	-1.307	-1.229	-1.118	-0.954	-0.727	-0.447
4211	42.10	-0.148	0.130	0.352	0.513	0.637	0.774	0.968	1.237	1.552	1.846
4221	42.20	2.037	2.068	1.932	1.683	1.412	1.211	1.129	1.156	1.225	1.268
4231	42.30	1.157	0.960	0.643	0.353	0.156	0.101	0.180	0.338	0.498	0.596
4241	42.40	0.604	0.530	0.410	0.281	0.167	0.075	0.001	-0.052	-0.073	-0.044
4251	42.50	0.048	0.193	0.359	0.498	0.567	0.547	0.460	0.355	0.296	0.329
4261	42.60	0.469	0.693	0.955	1.203	1.400	1.529	1.593	1.600	1.552	1.447
4271	42.70	1.282	1.065	0.825	0.601	0.433	0.334	0.288	0.240	0.126	-0.109
4281	42.80	-0.478	-0.945	-1.432	-1.849	-2.129	-2.244	-2.220	-2.118	-2.010	-1.946
4291	42.90	-1.942	-1.979	-2.015	-2.012	-1.945	-1.813	-1.626	-1.399	-1.132	-0.817
4301	43.00	-0.446	-0.023	0.420	0.826	1.122	1.252	1.191	0.969	0.659	0.361
4311	43.10	0.163	0.113	0.205	0.380	0.550	0.632	0.577	0.381	0.084	-0.251
4321	43.20	-0.564	-0.816	-0.996	-1.117	-1.197	-1.248	-1.268	-1.245	-1.165	-1.027
4331	43.30	-0.843	-0.638	-0.435	-0.247	-0.066	0.131	0.369	0.659	0.986	1.309
4341	43.40	1.570	1.713	1.706	1.556	1.306	1.025	0.786	0.642	0.611	0.672
4351	43.50	0.774	0.855	0.855	0.751	0.542	0.256	-0.066	-0.385	-0.679	-0.941
4361	43.60	-1.181	-1.409	-1.625	-1.816	-1.954	-2.008	-1.958	-1.803	-1.570	-1.299
4371	43.70	-1.037	-0.820	-0.665	-0.566	-0.503	-0.454	-0.403	-0.348	-0.298	-0.267
4381	43.80	-0.266	-0.292	-0.336	-0.376	-0.386	-0.343	-0.226	-0.023	0.266	0.628
4391	43.90	1.035	1.448	1.824	2.127	2.335	2.449	2.488	2.478	2.442	2.390
4401	44.00	2.316	2.211	2.069	1.895	1.712	1.544	1.405	1.290	1.125	1.027
4411	44.10	0.826	0.579	0.324	0.111	-0.022	-0.070	-0.075	-0.108	-0.241	-0.512
4421	44.20	-0.902	-1.340	-1.732	-2.000	-2.115	-2.109	-2.052	-2.022	-2.062	-2.161
4431	44.30	-2.266	-2.307	-2.236	-2.050	-1.791	-1.522	-1.296	-1.130	-1.003	-0.874
4441	44.40	-0.712	-0.514	-0.312	-0.155	-0.076	-0.074	-0.106	-0.112	-0.037	0.132
4451	44.50	0.366	0.605	0.790	0.891	0.918	0.913	0.923	0.970	1.042	1.102
4461	44.60	1.113	1.066	0.993	0.968	0.983	1.110	1.284	1.418	1.413	1.207
4471	44.70	0.800	0.261	-0.301	-0.781	-1.119	-1.315	-1.420	-1.502	-1.612	-1.759
4481	44.80	-1.941	-2.018	-2.039	-1.962	-1.807	-1.607	-1.399	-1.184	-0.950	-0.670
4491	44.90	-0.330	0.066	0.479	0.869	1.192	1.425	1.569	1.641	1.661	1.642

Table 7—33—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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	1.586	1.491	1.355	1.189	1.011	0.842	0.699	0.591	0.518	0.484
4511	45.10	0.498	0.571	0.716	0.925	1.170	1.400	1.558	1.603	1.531	1.373
4521	45.20	1.190	1.039	0.952	0.915	0.882	0.793	0.610	0.336	0.021	-0.261
4531	45.30	-0.651	-0.531	-0.541	-0.564	-0.693	-0.983	-1.430	-1.958	-2.454	-2.802
4541	45.40	-2.933	-2.843	-2.589	-2.263	-1.949	-1.689	-1.474	-1.259	-0.989	-0.635
4551	45.50	-0.215	0.214	0.581	0.834	0.966	1.019	1.070	1.193	1.428	1.756
4561	45.60	2.108	2.391	2.525	2.477	2.273	1.986	1.708	1.511	1.425	1.432
4571	45.70	1.480	1.508	1.473	1.361	1.185	0.972	0.768	0.528	0.320	0.123
4581	45.80	-0.055	-0.205	-0.316	-0.391	-0.448	-0.517	-0.633	-0.811	-1.039	-1.276
4591	45.90	-1.462	-1.547	-1.507	-1.353	-1.128	-0.887	-0.674	-0.510	-0.392	-0.302
4601	46.00	-0.226	-0.164	-0.130	-0.142	-0.208	-0.318	-0.444	-0.553	-0.620	-0.634
4611	46.10	-0.605	-0.549	-0.478	-0.393	-0.289	-0.162	-0.024	0.091	0.161	0.089
4621	46.20	-0.077	-0.333	-0.629	-0.904	-1.116	-1.255	-1.345	-1.426	-1.532	-1.664
4631	46.30	-1.792	-1.869	-1.868	-1.717	-1.496	-1.237	-0.996	-0.813	-0.694	-0.617
4641	46.40	-0.551	-0.474	-0.390	-0.319	-0.288	-0.305	-0.349	-0.376	-0.338	-0.193
4651	46.50	0.042	0.323	0.579	0.744	0.787	0.720	0.598	0.493	0.465	0.542
4661	46.60	0.710	0.923	1.123	1.263	1.322	1.312	1.264	1.215	1.194	1.206
4671	46.70	1.234	1.247	1.209	1.096	0.903	0.651	0.377	0.122	-0.079	-0.208
4681	46.80	-0.274	-0.299	-0.315	-0.343	-0.391	-0.446	-0.485	-0.490	-0.452	-0.379
4691	46.90	-0.293	-0.212	-0.147	-0.089	-0.018	0.086	0.232	0.405	0.576	0.705
4701	47.00	0.766	0.754	0.693	0.626	0.595	0.627	0.721	0.849	0.969	1.060
4711	47.10	1.037	0.959	0.827	0.672	0.528	0.416	0.349	0.324	0.330	0.352
4721	47.20	0.372	0.376	0.352	0.297	0.217	0.127	0.050	0.005	0.000	0.028
4731	47.30	0.065	0.077	0.032	-0.086	-0.270	-0.490	-0.702	-0.863	-0.942	-0.932
4741	47.40	-0.868	-0.723	-0.590	-0.474	-0.385	-0.320	-0.267	-0.221	-0.187	-0.180
4751	47.50	-0.223	-0.337	-0.526	-0.773	-1.045	-1.298	-1.495	-1.613	-1.654	-1.636
4761	47.60	-1.591	-1.565	-1.513	-1.494	-1.472	-1.425	-1.337	-1.195	-0.996	-0.740
4771	47.70	-0.431	-0.074	0.322	0.737	1.144	1.508	1.798	1.995	2.100	2.130
4781	47.80	2.109	2.057	1.975	1.853	1.672	1.423	1.123	0.811	0.541	0.361
4791	47.90	0.287	0.294	0.320	0.291	0.149	-0.124	-0.495	-0.893	-1.232	-1.448
4801	48.00	-1.511	-1.436	-1.268	-1.060	-0.860	-0.692	-0.565	-0.475	-0.417	-0.384
4811	48.10	-0.368	-0.350	-0.301	-0.190	0.004	0.276	0.591	0.887	1.095	1.167
4821	48.20	1.091	0.901	0.665	0.462	0.354	0.367	0.482	0.648	0.800	0.879
4831	48.30	0.851	0.710	0.475	0.185	-0.115	-0.386	-0.596	-0.730	-0.784	-0.769
4841	48.40	-0.701	-0.595	-0.464	-0.309	-0.127	0.084	0.322	0.571	0.806	0.998
4851	48.50	1.128	1.191	1.202	1.185	1.163	1.149	1.139	1.117	1.065	0.978
4861	48.60	0.861	0.731	0.601	0.473	0.332	0.153	-0.084	-0.381	-0.715	-1.069
4871	48.70	-1.345	-1.589	-1.790	-1.982	-2.193	-2.429	-2.654	-2.803	-2.808	-2.629
4881	48.80	-2.286	-1.856	-1.447	-1.155	-1.025	-1.030	-1.084	-1.088	-0.971	-0.730
4891	48.90	-0.423	-0.143	0.031	0.077	0.043	0.017	0.091	0.302	0.619	0.947
4901	49.00	1.175	1.229	1.107	0.886	0.684	0.605	0.694	0.914	1.170	1.353
4911	49.10	1.394	1.295	1.125	0.984	0.952	1.050	1.233	1.407	1.482	1.406
4921	49.20	1.196	0.920	0.665	0.497	0.429	0.425	0.415	0.341	0.178	-0.046
4931	49.30	-0.274	-0.440	-0.504	-0.469	-0.373	-0.274	-0.218	-0.222	-0.267	-0.315
4941	49.40	-0.323	-0.266	-0.145	0.017	0.188	0.338	0.453	0.533	0.586	0.623
4951	49.50	0.648	0.663	0.664	0.652	0.629	0.599	0.558	0.497	0.400	0.245
4961	49.60	0.021	-0.267	-0.594	-0.916	-1.187	-1.368	-1.443	-1.423	-1.340	-1.238
4971	49.70	-1.159	-1.122	-1.126	-1.151	-1.163	-1.133	-1.041	-0.885	-0.673	-0.422
4981	49.80	-0.149	0.127	0.387	0.610	0.771	0.848	0.829	0.721	0.556	0.382
4991	49.90	0.252	0.202	0.239	0.332	0.429	0.472	0.426	0.288	0.093	-0.101

Table 7—33—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
5001	50.00	-0.240	-0.296	-0.273	-0.205	-0.136	-0.102	-0.112	-0.151	-0.189	-0.200
5011	50.10	-0.177	-0.132	-0.087	-0.053	-0.065	-0.082	-0.092	-0.077	-0.032	0.029
5021	50.20	0.084	0.115	0.117	0.103	0.090	0.090	0.094	0.072	-0.015	-0.197
5031	50.30	-0.473	-0.811	-1.150	-1.424	-1.586	-1.624	-1.559	-1.433	-1.289	-1.149
5041	50.40	-1.013	-0.862	-0.677	-0.455	-0.219	-0.011	0.122	0.167	0.062	-0.105
5051	50.50	-0.305	-0.589	-0.584	-0.596	-0.513	-0.351	-0.139	0.136	0.434	0.762
5061	50.60	1.112	1.474	1.825	2.140	2.395	2.578	2.693	2.756	2.787	2.803
5071	50.70	2.803	2.767	2.668	2.477	2.186	1.815	1.404	1.005	0.653	0.355
5081	50.80	0.085	-0.201	-0.541	-0.942	-1.363	-1.731	-1.966	-2.022	-1.907	-1.691
5091	50.90	-1.475	-1.355	-1.373	-1.506	-1.673	-1.774	-1.741	-1.562	-1.292	-1.021
5101	51.00	-0.830	-0.757	-0.778	-0.824	-0.817	-0.706	-0.487	-0.195	0.120	0.423
5111	51.10	0.710	1.005	1.328	1.674	2.002	2.263	2.330	2.238	1.992	1.665
5121	51.20	1.344	1.089	0.909	0.766	0.598	0.357	0.041	-0.305	-0.613	-0.829
5131	51.30	-0.962	-0.995	-1.062	-1.207	-1.453	-1.758	-2.039	-2.199	-2.174	-1.958
5141	51.40	-1.600	-1.180	-0.773	-0.422	-0.133	0.116	0.346	0.561	0.740	0.850
5151	51.50	0.863	0.778	0.620	0.433	0.261	0.129	0.042	-0.013	-0.052	-0.080
5161	51.60	-0.091	-0.071	-0.011	0.087	0.206	0.322	0.419	0.494	0.555	0.618
5171	51.70	0.692	0.773	0.864	0.884	0.876	0.819	0.725	0.609	0.482	0.340
5181	51.80	0.170	-0.044	-0.304	-0.595	-0.882	-1.122	-1.279	-1.338	-1.311	-1.231
5191	51.90	-1.140	-1.071	-1.040	-1.040	-1.050	-1.042	-0.995	-0.902	-0.769	-0.612
5201	52.00	-0.451	-0.301	-0.173	-0.069	0.013	0.077	0.126	0.157	0.168	0.157
5211	52.10	0.127	0.091	0.067	0.078	0.137	0.247	0.394	0.549	0.681	0.768
5221	52.20	0.804	0.802	0.789	0.790	0.817	0.866	0.913	0.933	0.908	0.841
5231	52.30	0.756	0.686	0.661	0.691	0.758	0.823	0.836	0.756	0.559	0.261
5241	52.40	-0.102	-0.473	-0.796	-1.023	-1.129	-1.111	-0.991	-0.803	-0.589	-0.386
5251	52.50	-0.210	-0.072	0.041	0.148	0.269	0.413	0.575	0.737	0.875	0.968
5261	52.60	1.005	0.990	0.941	0.877	0.818	0.773	0.745	0.727	0.710	0.688
5271	52.70	0.658	0.622	0.586	0.556	0.538	0.530	0.521	0.487	0.397	0.223
5281	52.80	-0.048	-0.402	-0.794	-1.156	-1.413	-1.513	-1.444	-1.245	-0.988	-0.757
5291	52.90	-0.617	-0.589	-0.650	-0.748	-0.824	-0.843	-0.801	-0.721	-0.631	-0.549
5301	53.00	-0.469	-0.368	-0.224	-0.036	0.171	0.348	0.446	0.439	0.335	0.171
5311	53.10	-0.001	-0.163	-0.242	-0.316	-0.395	-0.504	-0.640	-0.781	-0.891	-0.945
5321	53.20	-0.944	-0.910	-0.876	-0.865	-0.895	-0.882	-0.851	-0.766	-0.637	-0.503
5331	53.30	-0.414	-0.403	-0.465	-0.557	-0.616	-0.586	-0.447	-0.223	0.030	0.254
5341	53.40	0.418	0.529	0.623	0.743	0.906	1.093	1.250	1.322	1.276	1.129
5351	53.50	0.944	0.801	0.764	0.854	1.034	1.231	1.365	1.384	1.282	1.093
5361	53.60	0.876	0.681	0.530	0.417	0.316	0.195	0.049	-0.111	-0.260	-0.372
5371	53.70	-0.435	-0.454	-0.448	-0.462	-0.455	-0.496	-0.556	-0.633	-0.714	-0.796
5381	53.80	-0.865	-0.923	-0.964	-0.990	-1.005	-1.019	-1.039	-1.063	-1.077	-1.053
5391	53.90	-0.969	-0.813	-0.606	-0.392	-0.230	-0.166	-0.208	-0.326	-0.452	-0.509
5401	54.00	-0.448	-0.270	-0.026	0.204	0.350	0.387	0.362	0.288	0.305	0.441
5411	54.10	0.687	0.984	1.248	1.414	1.460	1.419	1.356	1.329	1.360	1.422
5421	54.20	1.455	1.403	1.246	1.012	0.772	0.596	0.515	0.507	0.496	0.397
5431	54.30	0.156	-0.212	-0.625	-0.966	-1.135	-1.096	-0.885	-0.618	-0.418	-0.378
5441	54.40	-0.517	-0.729	-1.062	-1.263	-1.319	-1.225	-1.027	-0.790	-0.567	-0.378
5451	54.50	-0.208	-0.029	0.180	0.419	0.663	0.877	1.036	1.134	1.187	1.217
5461	54.60	1.247	1.282	1.313	1.322	1.299	1.241	1.161	1.073	0.984	0.894
5471	54.70	0.794	0.674	0.532	0.378	0.225	0.087	-0.037	-0.155	-0.284	-0.433
5481	54.80	-0.598	-0.760	-0.893	-0.974	-1.004	-0.998	-0.985	-0.990	-1.015	-1.041
5491	54.90	-1.032	-0.957	-0.805	-0.596	-0.373	-0.185	-0.060	0.004	0.045	0.113

Table 7—33—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
5501	55.00	0.250	0.466	0.730	0.985	1.171	1.244	1.199	1.061	0.872	0.673
5511	55.10	0.482	0.299	0.109	-0.097	-0.311	-0.507	-0.653	-0.725	-0.724	-0.678
5521	55.20	-0.629	-0.621	-0.674	-0.780	-0.905	-1.011	-1.075	-1.070	-1.041	-1.013
5531	55.30	-1.016	-1.061	-1.137	-1.217	-1.275	-1.296	-1.281	-1.244	-1.202	-1.161
5541	55.40	-1.118	-1.060	-0.979	-0.878	-0.774	-0.687	-0.630	-0.598	-0.562	-0.484
5551	55.50	-0.331	-0.094	0.203	0.509	0.768	0.935	0.995	0.968	0.893	0.811
5561	55.60	0.749	0.710	0.679	0.639	0.579	0.508	0.450	0.430	0.464	0.548
5571	55.70	0.664	0.780	0.868	0.909	0.895	0.830	0.725	0.596	0.462	0.346
5581	55.80	0.276	0.268	0.329	0.441	0.567	0.665	0.702	0.671	0.597	0.523
5591	55.90	0.492	0.520	0.583	0.622	0.572	0.390	0.081	-0.298	-0.657	-0.905
5601	56.00	-0.990	-0.915	-0.733	-0.527	-0.366	-0.288	-0.285	-0.316	-0.335	-0.312
5611	56.10	-0.242	-0.144	-0.042	0.050	0.133	0.224	0.337	0.478	0.633	0.780
5621	56.20	0.894	0.966	1.000	1.010	1.011	1.001	0.970	0.899	0.774	0.604
5631	56.30	0.412	0.236	0.110	0.048	0.042	0.066	0.086	0.080	0.043	-0.013
5641	56.40	-0.068	-0.106	-0.128	-0.144	-0.176	-0.240	-0.338	-0.459	-0.576	-0.661
5651	56.50	-0.690	-0.655	-0.563	-0.433	-0.295	-0.178	-0.103	-0.077	-0.091	-0.121
5661	56.60	-0.135	-0.119	-0.019	0.118	0.271	0.404	0.477	0.449	0.385	0.252
5671	56.70	0.108	-0.012	-0.092	-0.140	-0.176	-0.228	-0.311	-0.423	-0.549	-0.668
5681	56.80	-0.764	-0.836	-0.893	-0.950	-1.016	-1.084	-1.137	-1.150	-1.107	-1.009
5691	56.90	-0.875	-0.738	-0.634	-0.584	-0.590	-0.633	-0.677	-0.689	-0.641	-0.526
5701	57.00	-0.354	-0.149	0.061	0.248	0.393	0.484	0.517	0.494	0.422	0.315
5711	57.10	0.194	0.090	0.033	0.052	0.160	0.368	0.583	0.816	0.998	1.091
5721	57.20	1.086	1.004	0.894	0.798	0.754	0.767	0.815	0.859	0.862	0.805
5731	57.30	0.694	0.558	0.429	0.328	0.251	0.176	0.075	-0.073	-0.267	-0.457
5741	57.40	-0.649	-0.777	-0.839	-0.853	-0.851	-0.868	-0.918	-0.993	-1.065	-1.101
5751	57.50	-1.082	-1.016	-0.930	-0.859	-0.830	-0.840	-0.863	-0.857	-0.782	-0.621
5761	57.60	-0.384	-0.107	0.164	0.394	0.565	0.681	0.759	0.816	0.863	0.896
5771	57.70	0.908	0.893	0.856	0.815	0.792	0.808	0.869	0.967	1.076	1.168
5781	57.80	1.220	1.220	1.173	1.093	0.995	0.889	0.771	0.632	0.458	0.238
5791	57.90	-0.024	-0.313	-0.601	-0.853	-1.036	-1.128	-1.119	-1.018	-0.847	-0.641
5801	58.00	-0.438	-0.270	-0.157	-0.106	-0.165	-0.136	-0.176	-0.209	-0.230	-0.239
5811	58.10	-0.242	-0.240	-0.222	-0.169	-0.057	0.123	0.364	0.631	0.875	1.044
5821	58.20	1.103	1.050	0.915	0.749	0.604	0.509	0.461	0.428	0.366	0.241
5831	58.30	0.048	-0.186	-0.411	-0.577	-0.653	-0.643	-0.582	-0.516	-0.490	-0.525
5841	58.40	-0.616	-0.762	-0.879	-1.011	-1.136	-1.281	-1.387	-1.505	-1.592	-1.618
5851	58.50	-1.582	-1.423	-1.223	-1.001	-0.794	-0.627	-0.501	-0.396	-0.280	-0.128
5861	58.60	0.070	0.307	0.560	0.804	1.020	1.197	1.330	1.413	1.435	1.382
5871	58.70	1.241	1.011	0.710	0.373	0.048	-0.222	-0.425	-0.506	-0.530	-0.507
5881	58.80	-0.468	-0.430	-0.396	-0.356	-0.295	-0.204	-0.087	0.041	0.156	0.236
5891	58.90	0.271	0.267	0.247	0.240	0.271	0.348	0.462	0.585	0.686	0.736
5901	59.00	0.727	0.671	0.593	0.522	0.478	0.462	0.462	0.458	0.437	0.404
5911	59.10	0.377	0.385	0.447	0.563	0.712	0.856	0.958	0.998	0.979	0.931
5921	59.20	0.887	0.868	0.825	0.881	0.851	0.758	0.605	0.421	0.255	0.151
5931	59.30	0.126	0.157	0.192	0.170	0.052	-0.161	-0.425	-0.689	-0.829	-0.875
5941	59.40	-0.823	-0.731	-0.671	-0.696	-0.820	-1.011	-1.206	-1.339	-1.369	-1.295
5951	59.50	-1.152	-0.997	-0.879	-0.829	-0.845	-0.903	-0.966	-1.005	-1.001	-0.950
5961	59.60	-0.854	-0.719	-0.554	-0.366	-0.168	0.022	0.185	0.308	0.390	0.445
5971	59.70	0.496	0.559	0.650	0.762	0.875	0.984	1.009	1.005	0.961	0.897
5981	59.80	0.830	0.767	0.706	0.636	0.563	0.619	0.266	0.091	-0.098	-0.292
5991	59.90	-0.482	-0.656	-0.800	-0.893	-0.920	-0.877	-0.779	-0.656	-0.550	-0.491

Table 7—33—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
6001	60.00	-0.489	-0.528	-0.571	-0.577	-0.522	-0.409	-0.268	-0.141	-0.059	-0.025
6011	60.10	-0.014	0.021	0.115	0.280	0.483	0.666	0.757	0.712	0.525	0.239
6021	60.20	-0.074	-0.339	-0.597	-0.574	-0.572	-0.554	-0.567	-0.631	-0.735	-0.861
6031	60.30	-0.910	-0.920	-0.873	-0.798	-0.729	-0.691	-0.687	-0.694	-0.678	-0.609
6041	60.40	-0.480	-0.311	-0.142	-0.017	0.039	0.025	-0.029	-0.078	-0.085	-0.034
6051	60.50	0.061	0.166	0.236	0.245	0.200	0.127	0.068	0.059	0.111	0.210
6061	60.60	0.323	0.417	0.476	0.506	0.534	0.587	0.679	0.795	0.898	0.967
6071	60.70	0.916	0.807	0.653	0.504	0.403	0.368	0.387	0.426	0.467	0.431
6081	60.80	0.383	0.332	0.310	0.338	0.410	0.500	0.574	0.608	0.601	0.574
6091	60.90	0.557	0.572	0.620	0.682	0.728	0.738	0.710	0.664	0.632	0.635
6101	61.00	0.672	0.717	0.728	0.671	0.533	0.337	0.127	-0.043	-0.135	-0.142
6111	61.10	-0.083	0.005	0.088	0.168	0.186	0.218	0.254	0.295	0.324	0.319
6121	61.20	0.266	0.169	0.056	-0.031	-0.054	0.004	0.133	0.295	0.440	0.524
6131	61.30	0.527	0.457	0.345	0.231	0.146	0.094	0.067	0.034	-0.037	-0.166
6141	61.40	-0.350	-0.567	-0.782	-0.958	-1.070	-1.105	-1.110	-1.084	-1.072	-1.096
6151	61.50	-1.160	-1.251	-1.345	-1.414	-1.442	-1.428	-1.385	-1.335	-1.296	-1.275
6161	61.60	-1.264	-1.245	-1.198	-1.116	-0.996	-0.865	-0.750	-0.677	-0.656	-0.684
6171	61.70	-0.735	-0.781	-0.790	-0.745	-0.665	-0.504	-0.342	-0.181	-0.031	0.108
6181	61.80	0.249	0.407	0.592	0.799	1.008	1.186	1.296	1.316	1.244	1.109
6191	61.90	0.961	0.859	0.846	0.938	1.111	1.312	1.474	1.545	1.501	1.355
6201	62.00	1.151	0.944	0.775	0.662	0.595	0.544	0.478	0.379	0.266	0.091
6211	62.10	-0.066	-0.213	-0.362	-0.455	-0.550	-0.622	-0.662	-0.667	-0.648	-0.630
6221	62.20	-0.651	-0.739	-0.900	-1.104	-1.296	-1.412	-1.407	-1.276	-1.061	-0.830
6231	62.30	-0.655	-0.574	-0.581	-0.631	-0.659	-0.618	-0.496	-0.319	-0.141	-0.005
6241	62.40	0.071	0.105	0.142	0.221	0.357	0.526	0.678	0.764	0.757	0.675
6251	62.50	0.569	0.502	0.518	0.619	0.767	0.897	0.955	0.919	0.810	0.683
6261	62.60	0.598	0.589	0.651	0.740	0.798	0.777	0.666	0.495	0.320	0.200
6271	62.70	0.172	0.237	0.359	0.490	0.586	0.627	0.623	0.602	0.594	0.615
6281	62.80	0.659	0.700	0.707	0.659	0.554	0.412	0.261	0.129	0.025	-0.058
6291	62.90	-0.139	-0.236	-0.352	-0.469	-0.561	-0.602	-0.586	-0.536	-0.498	-0.518
6301	63.00	-0.627	-0.814	-1.033	-1.214	-1.296	-1.251	-1.101	-0.909	-0.751	-0.684
6311	63.10	-0.720	-0.823	-0.927	-0.969	-0.919	-0.793	-0.644	-0.533	-0.496	-0.528
6321	63.20	-0.586	-0.612	-0.562	-0.433	-0.258	-0.094	0.014	0.052	0.048	0.052
6331	63.30	0.111	0.241	0.417	0.586	0.693	0.707	0.661	0.561	0.464	0.443
6341	63.40	0.494	0.568	0.617	0.598	0.498	0.344	0.183	0.065	0.017	0.035
6351	63.50	0.088	0.135	0.150	0.125	0.075	0.028	0.008	0.027	0.081	0.156
6361	63.60	0.234	0.301	0.345	0.359	0.333	0.263	0.145	-0.011	-0.185	-0.352
6371	63.70	-0.481	-0.555	-0.566	-0.527	-0.457	-0.378	-0.307	-0.252	-0.211	-0.180
6381	63.80	-0.152	-0.124	-0.096	-0.065	-0.036	-0.008	0.018	0.045	0.075	0.112
6391	63.90	0.161	0.223	0.292	0.358	0.403	0.410	0.369	0.269	0.190	0.104
6401	64.00	0.054	0.050	0.080	0.116	0.125	0.092	0.019	-0.067	-0.133	-0.154
6411	64.10	-0.128	-0.075	-0.026	-0.003	-0.006	-0.010	0.022	0.117	0.274	0.458
6421	64.20	0.611	0.680	0.639	0.503	0.323	0.165	0.078	0.075	0.131	0.193
6431	64.30	0.214	0.170	0.071	-0.046	-0.134	-0.163	-0.127	-0.047	0.047	0.132
6441	64.40	0.201	0.262	0.336	0.429	0.548	0.673	0.783	0.857	0.882	0.859
6451	64.50	0.793	0.693	0.564	0.415	0.257	0.106	-0.019	-0.105	-0.154	-0.181
6461	64.60	-0.217	-0.290	-0.414	-0.582	-0.761	-0.909	-0.990	-0.992	-0.929	-0.840
6471	64.70	-0.768	-0.741	-0.764	-0.819	-0.871	-0.888	-0.856	-0.779	-0.680	-0.589
6481	64.80	-0.529	-0.513	-0.540	-0.604	-0.690	-0.786	-0.876	-0.946	-0.975	-0.947
6491	64.90	-0.851	-0.691	-0.485	-0.265	-0.066	0.081	0.162	0.180	0.155	0.111

Table 7—33—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
6501	65.00	0.075	0.066	0.087	0.147	0.243	0.371	0.527	0.700	0.878	1.042
6511	65.10	1.172	1.251	1.271	1.231	1.143	1.022	0.887	0.756	0.662	0.554
6521	65.20	0.495	0.459	0.436	0.406	0.352	0.262	0.133	-0.020	-0.169	-0.283
6531	65.30	-0.361	-0.432	-0.491	-0.539	-0.216	-0.250	-0.337	-0.454	-0.558	-0.613
6541	65.40	-0.605	-0.547	-0.481	-0.452	-0.494	-0.608	-0.765	-0.912	-1.000	-1.001
6551	65.50	-0.921	-0.795	-0.671	-0.587	-0.553	-0.551	-0.544	-0.498	-0.398	-0.259
6561	65.60	-0.120	-0.022	0.005	-0.038	-0.120	-0.193	-0.210	-0.145	-0.003	0.182
6571	65.70	0.364	0.499	0.563	0.560	0.517	0.473	0.469	0.527	0.647	0.804
6581	65.80	0.955	1.056	1.068	0.978	0.805	0.589	0.388	0.253	0.213	0.265
6591	65.90	0.375	0.494	0.576	0.595	0.558	0.492	0.432	0.404	0.406	0.419
6601	66.00	0.413	0.367	0.285	0.194	0.133	0.129	0.186	0.278	0.357	0.379
6611	66.10	0.324	0.207	0.069	-0.039	-0.082	-0.055	0.016	0.087	0.124	0.116
6621	66.20	0.080	0.049	0.051	0.093	0.152	0.186	0.156	0.043	-0.136	-0.337
6631	66.30	-0.504	-0.592	-0.581	-0.484	-0.330	-0.154	0.018	0.176	0.318	0.465
6641	66.40	0.549	0.621	0.647	0.627	0.573	0.510	0.461	0.437	0.427	0.404
6651	66.50	0.333	0.195	0.006	-0.235	-0.440	-0.569	-0.597	-0.532	-0.418	-0.315
6661	66.60	-0.281	-0.345	-0.500	-0.707	-0.910	-1.058	-1.124	-1.111	-1.050	-0.982
6671	66.70	-0.940	-0.938	-0.953	-0.959	-0.914	-0.805	-0.632	-0.431	-0.251	-0.133
6681	66.80	-0.094	-0.117	-0.152	-0.142	-0.045	0.146	0.396	0.639	0.806	0.845
6691	66.90	0.760	0.589	0.403	0.270	0.229	0.276	0.372	0.459	0.489	0.446
6701	67.00	0.347	0.232	0.143	0.104	0.114	0.150	0.181	0.189	0.173	0.149
6711	67.10	0.137	0.148	0.171	0.182	0.149	0.052	-0.105	-0.297	-0.480	-0.613
6721	67.20	-0.671	-0.653	-0.582	-0.492	-0.416	-0.374	-0.367	-0.382	-0.397	-0.390
6731	67.30	-0.368	-0.267	-0.157	-0.035	0.077	0.156	0.186	0.165	0.103	0.029
6741	67.40	-0.025	-0.027	0.030	0.135	0.252	0.333	0.341	0.263	0.120	-0.039
6751	67.50	-0.158	-0.195	-0.145	-0.039	0.068	0.121	0.090	-0.015	-0.145	-0.242
6761	67.60	-0.259	-0.188	-0.063	0.056	0.110	0.071	-0.044	-0.180	-0.270	-0.267
6771	67.70	-0.167	-0.010	0.135	0.205	0.166	0.029	-0.159	-0.341	-0.474	-0.543
6781	67.80	-0.564	-0.562	-0.553	-0.533	-0.481	-0.379	-0.228	-0.061	0.066	0.102
6791	67.90	0.025	-0.142	-0.331	-0.463	-0.479	-0.368	-0.175	0.021	0.145	0.158
6801	68.00	0.077	-0.039	-0.117	-0.112	-0.022	0.105	0.203	0.222	0.155	0.062
6811	68.10	-0.049	-0.056	0.044	0.224	0.419	0.556	0.588	0.518	0.391	0.277
6821	68.20	0.234	0.288	0.417	0.564	0.667	0.680	0.596	0.434	0.252	0.101
6831	68.30	0.021	0.024	0.098	0.216	0.341	0.444	0.505	0.517	0.482	0.411
6841	68.40	0.319	0.222	0.134	0.066	0.023	0.007	0.017	0.050	0.102	0.167
6851	68.50	0.243	0.322	0.397	0.462	0.508	0.528	0.515	0.467	0.384	0.277
6861	68.60	0.161	0.058	-0.012	-0.040	-0.032	-0.014	-0.017	-0.070	-0.179	-0.321
6871	68.70	-0.444	-0.502	-0.452	-0.295	-0.078	0.126	0.262	0.228	0.092	-0.104
6881	68.80	-0.274	-0.339	-0.258	-0.048	0.230	0.502	0.706	0.817	0.849	0.835
6891	68.90	0.804	0.760	0.682	0.541	0.318	0.028	-0.284	-0.555	-0.732	-0.795
6901	69.00	-0.763	-0.687	-0.620	-0.599	-0.622	-0.662	-0.676	-0.628	-0.512	-0.365
6911	69.10	-0.161	0.004	0.134	0.227	0.299	0.365	0.436	0.509	0.577	0.628
6921	69.20	0.659	0.668	0.653	0.611	0.535	0.418	0.266	0.100	-0.048	-0.143
6931	69.30	-0.166	-0.124	-0.052	0.001	-0.012	-0.110	-0.280	-0.479	-0.657	-0.780
6941	69.40	-0.843	-0.875	-0.918	-1.004	-1.137	-1.284	-1.389	-1.397	-1.282	-1.059
6951	69.50	-0.779	-0.508	-0.301	-0.179	-0.189	-0.113	-0.003	-0.053	-0.003	0.026
6961	69.60	0.005	-0.071	-0.176	-0.259	-0.271	-0.183	-0.007	0.208	0.402	0.528
6971	69.70	0.573	0.567	0.557	0.585	0.660	0.749	0.791	0.730	0.543	0.262
6981	69.80	-0.038	-0.267	-0.366	-0.320	-0.190	-0.062	-0.021	-0.109	-0.306	-0.542
6991	69.90	-0.728	-0.800	-0.749	-0.615	-0.471	-0.383	-0.374	-0.419	-0.461	-0.437

Table 7—33—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1180 S1401-GR-1-3 HA. (HA.) TONEGAWA ES. MAX. ACC. = 22.277 (GAL) T= 2.04 (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)
7001	70.00	-0.318	-0.129	0.102	0.281	0.376	0.374	0.334	0.299	0.320	0.408
7011	70.10	0.532	0.637	0.669	0.602	0.452	0.267				

Table 7—34—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.0	2.756	0.963	-0.809	-1.690	-1.227	0.341	2.153	3.136	2.569
11	0.10	0.513	-2.135	-4.024	-3.999	-1.716	2.115	5.976	8.209	7.772	4.737
21	0.20	0.266	-3.905	-6.249	-6.106	-3.914	-0.220	1.466	2.340	1.670	0.196
31	0.30	-1.062	-1.297	-0.483	0.826	1.775	1.737	0.683	-0.798	-1.816	-1.681
41	0.40	-0.286	1.800	3.601	4.207	3.217	0.929	-1.809	-3.988	-4.881	-4.321
51	0.50	-2.706	-0.757	0.820	1.619	1.623	1.114	0.479	0.015	-0.161	-0.100
61	0.60	0.065	0.207	0.252	0.191	0.060	-0.069	-0.089	0.124	0.664	1.521
71	0.70	2.520	3.325	3.546	2.896	1.386	-0.632	-2.545	-3.726	-3.810	-2.882
81	0.80	-1.450	-0.218	0.253	-0.174	-1.140	-1.978	-2.055	-1.123	0.533	2.210
91	0.90	3.129	2.821	1.372	-0.615	-2.303	-3.022	-2.575	-1.296	0.148	1.115
101	1.00	1.297	0.846	0.235	-0.036	0.264	0.972	1.624	1.735	1.086	-0.126
111	1.10	-1.356	-1.974	-1.568	-0.156	1.818	3.681	4.815	4.898	3.986	2.421
121	1.20	0.642	-0.993	-2.288	-3.172	-3.603	-3.489	-2.710	-1.229	0.785	2.896
131	1.30	4.479	4.929	3.914	1.552	-1.585	-4.646	-6.808	-7.564	-6.880	-5.158
141	1.40	-3.030	-1.087	0.335	1.215	1.755	2.194	2.633	2.962	2.923	2.268
151	1.50	0.926	-0.902	-2.782	-4.191	-4.711	-4.190	-2.795	-0.945	0.835	2.102
161	1.60	2.622	2.427	1.777	1.047	0.607	0.696	1.358	2.425	3.569	4.387
171	1.70	4.525	3.788	2.213	0.075	-2.185	-4.085	-5.253	-5.533	-5.012	-3.959
181	1.80	-2.696	-1.473	-0.396	0.553	1.427	2.210	2.759	2.864	2.268	1.008
191	1.90	-0.704	-2.418	-3.622	-3.951	-3.348	-2.093	-0.676	0.421	0.940	0.942
201	2.00	0.732	0.670	0.956	1.510	2.031	2.175	1.774	0.960	0.110	-0.351
211	2.10	-0.207	0.403	1.028	1.132	0.395	-1.079	-2.768	-3.967	-4.137	-3.185
221	2.20	-1.526	0.121	1.092	1.117	0.441	-0.335	-0.613	-0.158	0.737	1.406
231	2.30	1.189	-0.144	-2.180	-3.987	-4.551	-3.307	-0.488	2.897	5.483	6.167
241	2.40	4.630	1.503	-1.909	-4.222	-4.590	-3.046	-0.421	2.111	3.617	3.818
251	2.50	3.136	2.368	2.189	2.751	3.598	3.944	3.148	1.136	-1.488	-3.660
261	2.60	-4.378	-3.196	-0.475	2.746	5.198	4.913	2.093	-0.882	-3.139	-3.139
271	2.70	-4.019	-3.488	-2.049	-0.448	0.678	1.035	0.705	0.010	-0.698	-1.189
281	2.80	-1.398	-1.366	-1.141	-0.733	-0.126	0.646	1.452	2.068	2.262	1.908
291	2.90	1.057	-0.068	-1.170	-2.010	-2.493	-2.672	-2.670	-2.575	-2.375	-1.984
301	3.00	-1.333	-0.466	0.429	1.098	1.363	1.252	1.019	1.026	1.536	2.512
311	3.10	3.582	4.175	3.821	2.331	0.422	-1.420	-2.299	-1.815	-0.213	1.680
321	3.20	2.822	2.471	0.592	-2.070	-4.203	-5.004	-3.740	-1.006	1.958	3.725
331	3.30	3.368	0.923	-2.579	-5.559	-6.596	-5.071	-1.445	2.953	6.514	8.035
341	3.40	7.179	4.530	1.234	-1.547	-3.113	-3.611	-2.889	-2.141	-1.568	-1.225
351	3.50	-0.916	-0.442	0.179	0.668	0.644	-0.101	-1.398	-2.701	-3.323	-2.792
361	3.60	-1.142	1.044	2.870	3.542	2.757	0.867	-1.276	-2.712	-2.823	-1.608
371	3.70	0.348	2.173	3.133	2.962	1.939	0.695	-0.139	-0.256	0.196	0.721
381	3.80	0.762	0.003	-1.463	-3.177	-4.531	-5.031	-4.501	-3.113	-1.278	0.544
391	3.90	2.007	2.948	3.362	3.521	2.908	2.201	1.304	0.373	-0.393	-0.820
401	4.00	-0.853	-0.617	-0.391	-0.506	-1.178	-2.386	-3.838	-5.066	-5.602	-5.169
411	4.10	-3.791	-1.775	0.420	2.357	3.771	4.615	5.001	5.089	4.968	4.624
421	4.20	3.979	2.986	1.720	0.390	-0.732	-1.434	-1.682	-1.661	-1.692	-2.076
431	4.30	-2.918	-4.031	-4.979	-5.255	-4.523	-2.804	-0.527	1.620	2.964	3.145
441	4.40	2.294	0.991	0.017	-0.000	1.109	2.950	4.721	5.565	4.977	3.057
451	4.50	0.506	-1.664	-2.560	-1.811	0.260	2.773	4.656	5.105	3.900	1.468
461	4.60	-1.340	-3.634	-4.859	-4.975	-4.395	-3.724	-3.432	-3.631	-4.046	-4.173
471	4.70	-3.547	-1.967	0.398	3.068	5.431	6.948	7.307	6.480	4.700	2.373
481	4.80	-0.014	-1.989	-3.182	-3.611	-2.742	-1.501	-0.205	0.592	0.501	-0.531
491	4.90	-2.168	-3.783	-4.691	-4.431	-2.964	-0.711	1.602	3.224	3.663	2.861

Table 7—34—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	1.187	-0.734	-2.267	-2.974	-2.721	-1.649	-0.052	1.740	3.447	4.845
511	5.10	5.742	5.953	5.327	3.804	1.498	-1.280	-4.056	-6.293	-7.546	-7.565
521	5.20	-6.355	-4.170	-1.538	1.331	3.640	5.095	5.467	4.750	3.178	1.186
531	5.30	-0.683	-1.935	-2.281	-1.735	-0.607	0.619	1.494	1.784	1.564	1.159
541	5.40	0.965	1.228	1.896	2.609	2.857	2.215	0.565	-1.817	-4.344	-6.336
551	5.50	-7.276	-7.001	-5.732	-3.963	-2.243	-0.973	-0.279	-0.019	0.116	0.444
561	5.60	1.158	2.266	3.583	4.825	5.684	5.926	5.463	4.372	2.891	1.352
571	5.70	0.094	-0.653	-0.866	-0.663	-0.433	-0.510	-1.110	-2.195	-3.452	-4.405
581	5.80	-4.603	-3.821	-2.179	-0.116	1.767	2.940	3.149	2.500	1.387	0.315
591	5.90	-0.323	-0.387	-0.015	0.490	0.831	0.861	0.645	0.389	0.311	0.500
601	6.00	0.860	1.158	1.155	0.751	0.080	-0.529	-0.680	-0.103	1.192	2.865
611	6.10	4.339	5.005	4.447	2.620	-0.114	-3.094	-5.584	-7.015	-7.164	-6.197
621	6.20	-4.579	-2.874	-1.541	-0.793	-0.567	-0.612	-0.644	-0.486	-0.151	0.193
631	6.30	0.318	0.066	-0.557	-1.372	-2.096	-2.451	-2.274	-1.568	-0.477	0.781
641	6.40	2.007	3.073	3.930	4.569	4.962	5.030	4.656	3.742	2.278	0.396
651	6.50	-1.619	-3.387	-4.531	-4.786	-4.091	-2.616	-0.737	1.064	2.323	2.739
661	6.60	2.262	1.135	-0.168	-1.080	-1.122	-0.085	1.872	4.231	6.256	7.230
671	6.70	6.691	4.612	1.430	-2.079	-5.038	-6.742	-6.863	-5.528	-3.245	-0.714
681	6.80	1.401	2.659	2.931	2.377	1.336	0.181	-0.815	-1.544	-2.064	-2.532
691	6.90	-3.103	-3.841	-4.657	-5.326	-5.555	-5.100	-3.887	-2.077	-0.061	1.741
701	7.00	2.855	3.111	2.622	1.771	1.056	0.883	1.395	2.413	3.510	4.209
711	7.10	4.189	3.430	2.211	0.975	0.129	-0.140	0.064	0.417	0.536	0.163
721	7.20	-0.719	-1.891	-2.997	-3.703	-3.812	-3.318	-2.367	-1.175	0.045	1.120
731	7.30	1.916	2.319	2.236	1.631	0.576	-0.720	-1.945	-2.771	-2.980	-2.554
741	7.40	-1.692	-0.717	0.061	0.492	0.639	0.728	1.009	1.204	2.417	3.161
751	7.50	3.689	3.167	2.194	0.817	-0.577	-1.629	-2.163	-2.239	-2.091	-1.973
761	7.60	-2.008	-2.117	-2.052	-1.539	-0.437	1.157	2.918	4.414	5.282	5.369
771	7.70	4.780	3.810	2.795	1.962	1.354	0.845	0.261	-0.488	-1.317	-1.983
781	7.80	-2.185	-1.730	-0.652	0.749	1.997	2.613	2.300	1.062	-0.794	-2.778
791	7.90	-4.403	-5.350	-5.559	-5.188	-4.494	-3.680	-2.799	-1.762	-0.432	1.227
801	8.00	3.053	4.677	5.440	5.575	4.383	2.313	-0.097	-2.203	-3.681	-3.707
811	8.10	-3.014	-1.802	-0.555	0.355	0.792	0.859	0.794	0.823	1.042	1.389
821	8.20	1.703	1.833	1.737	1.519	1.372	1.484	1.927	2.604	3.269	3.611
831	8.30	3.368	2.416	0.817	-1.198	-3.282	-5.063	-6.217	-6.547	-6.023	-4.806
841	8.40	-3.211	-1.637	-0.448	0.147	0.182	-0.069	-0.184	0.232	1.366	3.086
851	8.50	4.953	6.370	6.807	6.015	4.134	1.638	-0.844	-2.771	-3.872	-4.199
861	8.60	-4.037	-3.724	-3.467	-3.270	-2.969	-2.387	-1.481	-0.427	0.433	0.743
871	8.70	0.323	-0.720	-2.005	-3.035	-3.611	-3.823	-2.100	-1.113	-0.556	-0.711
881	8.80	-1.603	-2.511	-3.132	-2.836	-1.344	1.158	4.161	6.953	8.863	9.459
891	8.90	8.663	6.739	4.191	1.609	-0.681	-1.729	-2.015	-1.455	-0.365	0.816
901	9.00	1.630	1.712	0.899	-0.709	-2.757	-4.724	-6.075	-6.437	-5.720	-4.157
911	9.10	-2.225	-0.488	0.599	0.827	0.291	-0.671	-1.616	-2.159	-2.095	-1.448
921	9.20	-0.428	0.665	1.546	2.033	2.082	1.774	1.278	0.792	0.498	0.523
931	9.30	0.912	1.611	2.473	3.280	3.804	3.865	3.395	2.461	1.250	-0.002
941	9.40	-1.089	-1.901	-2.449	-2.831	-3.155	-3.470	-3.728	-3.802	-3.550	-2.893
951	9.50	-1.869	-0.427	0.630	1.729	2.590	3.263	3.787	4.311	4.829	5.254
961	9.60	5.432	5.221	4.565	3.539	2.328	1.155	0.196	-0.486	-0.945	-1.311
971	9.70	-1.713	-2.216	-2.794	-3.353	-3.782	-4.009	-4.025	-3.880	-3.644	-3.369
981	9.80	-3.067	-2.719	-2.292	-1.769	-1.151	-0.455	0.306	1.124	1.984	2.839
991	9.90	3.586	4.080	4.177	3.803	3.020	2.035	1.158	0.689	0.797	1.432

Table 7—34—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	2.320	3.056	3.255	2.710	1.481	-0.119	-1.638	-2.661	-2.964	-2.594
1011	10.10	-1.833	-1.083	-0.706	-0.892	-1.603	-2.608	-3.581	-4.220	-4.339	-3.909
1021	10.20	-3.037	-1.911	-0.738	0.302	1.082	1.537	1.655	1.478	1.099	0.647
1031	10.30	0.272	0.110	0.256	0.736	1.497	2.440	3.426	4.317	4.982	5.311
1041	10.40	5.216	4.630	3.531	1.959	0.035	-2.043	-4.032	-5.692	-6.862	-7.405
1051	10.50	-7.402	-6.943	-6.162	-5.187	-4.109	-2.994	-1.899	-0.891	-0.045	0.587
1061	10.60	1.001	1.270	1.522	1.891	2.440	3.119	3.753	4.102	3.965	3.278
1071	10.70	2.170	0.937	-0.058	-0.515	-0.313	0.442	1.464	2.399	2.952	2.981
1081	10.80	2.521	1.727	0.791	-0.143	-1.008	-1.796	-2.494	-3.056	-3.376	-3.340
1091	10.90	-2.896	-2.104	-1.144	-0.258	0.350	0.600	0.580	0.505	0.618	1.068
1101	11.00	1.830	2.701	3.383	3.606	3.268	2.395	1.299	0.281	-0.403	-0.662
1111	11.10	-0.589	-0.413	-0.387	-0.678	-1.303	-2.133	-2.954	-3.561	-3.831	-3.758
1121	11.20	-3.431	-2.970	-2.467	-1.941	-1.346	-0.603	0.340	1.443	2.660	3.759
1131	11.30	4.573	4.963	4.879	4.379	3.610	2.760	2.004	1.455	1.138	1.000
1141	11.40	0.937	0.841	0.635	0.299	-0.134	-0.599	-1.031	-1.388	-1.665	-1.883
1151	11.50	-2.071	-2.244	-2.395	-2.495	-2.517	-2.455	-2.333	-2.201	-2.112	-2.094
1161	11.60	-2.134	-2.178	-2.162	-2.040	-1.817	-1.552	-1.330	-1.219	-1.221	-1.255
1171	11.70	-1.172	-0.814	-0.089	0.974	2.212	3.374	4.203	4.534	4.352	3.799
1181	11.80	3.103	2.483	2.052	1.775	1.492	1.010	0.211	-0.871	-2.037	-2.990
1191	11.90	-3.456	-3.293	-2.557	-1.473	-0.347	0.565	1.149	1.459	1.658	1.910
1201	12.00	2.268	2.632	2.780	2.483	1.629	0.313	-1.171	-2.425	-3.101	-3.048
1211	12.10	-2.380	-1.432	-0.632	-0.328	-0.644	-1.436	-2.354	-2.983	-3.012	-2.366
1221	12.20	-1.135	0.299	1.594	2.482	2.870	2.843	2.587	2.289	2.046	1.834
1231	12.30	1.541	1.056	0.344	-0.501	-1.275	-1.739	-1.717	-1.178	-0.262	0.773
1241	12.40	1.641	2.133	2.196	1.927	1.518	1.160	0.952	0.866	0.776	0.533
1251	12.50	0.056	-0.615	-1.325	-1.876	-2.116	-2.008	-1.652	-1.230	-0.917	-0.800
1261	12.60	-0.837	-0.892	-0.812	-0.518	-0.055	0.418	0.653	0.656	0.557	0.381
1271	12.70	-1.062	-1.596	-1.875	-1.896	-1.735	-1.482	-1.177	-0.796	-0.283	0.385
1281	12.80	1.139	1.811	2.189	2.112	1.559	0.687	-0.209	-0.800	-0.855	-0.332
1291	12.90	0.606	1.654	2.481	2.851	2.693	2.106	1.294	0.481	-0.169	-0.594
1301	13.00	-0.829	-0.966	-1.110	-1.339	-1.682	-2.116	-2.574	-2.960	-3.171	-3.121
1311	13.10	-2.772	-2.148	-1.338	-0.472	0.320	0.955	1.622	1.773	2.089	2.426
1321	13.20	2.781	3.090	3.217	3.100	2.707	2.098	1.525	0.733	0.206	-0.165
1331	13.30	-0.404	-0.586	-0.751	-0.897	-0.989	-0.981	-0.857	-0.650	-0.424	-0.250
1341	13.40	-0.158	-0.132	-0.116	-0.057	0.057	0.175	0.199	0.021	-0.420	-1.109
1351	13.50	-1.947	-2.779	-3.435	-3.776	-3.718	-3.248	-2.412	-1.318	-0.114	1.023
1361	13.60	1.924	2.463	2.601	2.403	2.022	1.649	1.441	1.459	1.651	1.877
1371	13.70	1.983	1.874	1.552	1.111	0.679	0.349	0.161	0.001	-0.143	-0.321
1381	13.80	-0.481	-0.507	-0.280	0.242	0.976	1.734	2.292	2.497	2.329	1.915
1391	13.90	1.452	1.109	0.940	0.859	0.705	0.343	-0.242	-0.917	-1.455	-1.645
1401	14.00	-1.413	-0.866	-0.257	0.126	0.095	-0.359	-1.072	-1.794	-2.316	-2.561
1411	14.10	-2.601	-2.594	-2.672	-2.858	-3.039	-3.033	-2.691	-1.999	-1.106	-0.269
1421	14.20	0.261	0.359	0.089	-0.320	-0.580	-0.470	0.055	0.897	1.776	2.442
1431	14.30	2.738	2.658	2.330	1.944	1.655	1.520	1.493	1.465	1.338	1.081
1441	14.40	0.751	0.462	0.324	0.387	0.601	0.836	0.931	0.759	0.285	-0.415
1451	14.50	-1.184	-1.841	-2.245	-2.366	-2.196	-1.908	-1.617	-1.408	-1.289	-1.199
1461	14.60	-1.048	-0.767	-0.355	0.118	0.538	0.804	0.872	0.781	0.628	0.520
1471	14.70	0.514	0.588	0.646	0.565	0.263	-0.261	-0.916	-1.557	-2.051	-2.329
1481	14.80	-2.409	-2.375	-2.318	-2.283	-2.244	-2.118	-1.819	-1.311	-0.643	0.072
1491	14.90	0.705	1.178	1.504	1.781	2.134	2.649	3.305	3.968	4.436	4.518

Table 7—34—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	4.122	3.298	2.226	1.142	0.265	-0.297	-0.566	-0.673	-0.784	-1.026
1511	15.10	-1.429	-1.915	-2.331	-2.515	-2.359	-1.852	-1.085	-0.218	0.568	1.131
1521	15.20	1.402	1.393	1.179	0.861	0.529	0.239	0.006	-0.182	-0.357	-0.454
1531	15.30	-0.500	-0.429	-0.202	0.192	0.714	1.288	1.812	2.191	2.355	2.280
1541	15.40	1.982	1.508	0.927	0.311	-0.267	-0.748	-1.100	-1.326	-1.474	-1.623
1551	15.50	-1.861	-2.241	-2.746	-3.276	-3.667	-3.750	-3.420	-2.687	-1.688	-0.645
1561	15.60	0.212	0.734	0.901	0.821	0.670	0.612	0.721	0.965	1.229	1.389
1571	15.70	1.378	1.222	1.023	0.899	0.916	1.047	1.178	1.161	0.885	0.327
1581	15.80	-0.433	-1.248	-1.970	-2.500	-2.812	-2.936	-2.910	-2.744	-2.401	-1.820
1591	15.90	-0.958	0.162	1.441	2.720	3.832	4.650	5.125	5.275	5.156	4.821
1601	16.00	4.286	3.535	2.550	1.350	0.014	-1.317	-2.479	-3.334	-3.813	-3.933
1611	16.10	-3.778	-3.461	-3.080	-2.683	-2.274	-1.830	-1.338	-0.813	-0.307	0.118
1621	16.20	0.420	0.601	0.721	0.874	1.157	1.622	2.253	2.961	3.605	4.034
1631	16.30	4.131	3.843	3.189	2.249	1.131	-0.051	-1.205	-2.261	-3.172	-3.905
1641	16.40	-4.432	-4.731	-4.795	-4.634	-4.277	-3.763	-3.133	-2.416	-1.632	-0.796
1651	16.50	0.070	0.931	1.736	2.429	2.963	3.315	3.477	3.456	3.253	2.858
1661	16.60	2.259	1.645	0.535	-0.414	-1.217	-1.710	-1.784	-1.437	-0.783	-0.020
1671	16.70	0.635	1.029	1.121	0.988	0.782	0.652	0.684	0.861	1.087	1.235
1681	16.80	1.212	1.002	0.661	0.286	-0.037	-0.270	-0.432	-0.573	-0.729	-0.897
1691	16.90	-1.027	-1.046	-0.902	-0.599	-0.206	0.162	0.386	0.383	0.135	-0.312
1701	17.00	-0.876	-1.457	-1.989	-2.426	-2.755	-2.981	-3.110	-3.149	-3.096	-2.947
1711	17.10	-2.687	-2.303	-1.780	-1.115	-0.324	0.551	1.444	2.279	2.991	3.538
1721	17.20	3.907	4.103	4.127	3.962	3.574	2.936	2.056	1.003	-0.089	-1.053
1731	17.30	-1.875	-2.589	-3.115	-3.432	-3.487	-3.198	-2.604	-1.871	-1.089	-1.071
1741	17.40	-0.683	-0.177	0.341	0.754	0.995	1.080	1.093	1.145	1.309	1.586
1751	17.50	1.891	2.100	2.099	1.843	1.581	0.834	0.358	0.080	0.058	0.267
1761	17.60	0.612	0.965	1.210	1.275	1.148	0.876	0.545	0.255	0.094	0.107
1771	17.70	0.288	0.575	0.866	1.047	1.026	0.756	0.250	-0.430	-1.199	-1.973
1781	17.80	-2.692	-3.324	-3.854	-4.267	-4.532	-4.598	-4.414	-3.947	-3.202	-2.232
1791	17.90	-1.131	-0.006	1.038	1.929	2.625	3.120	3.427	3.566	3.555	3.405
1801	18.00	3.125	2.724	2.217	1.632	1.012	0.410	-0.115	-0.512	-0.757	-0.864
1811	18.10	-0.884	-0.896	-0.976	-1.170	-1.468	-1.804	-2.074	-2.175	-2.043	-1.676
1821	18.20	-1.140	-0.537	0.028	0.485	0.814	1.036	1.188	1.296	1.352	1.328
1831	18.30	1.190	0.930	0.581	0.212	-0.098	-0.292	-0.367	-0.378	-0.417	-0.576
1841	18.40	-0.903	-1.379	-1.916	-2.382	-2.657	-2.668	-2.424	-2.012	-1.567	-1.224
1851	18.50	-1.068	-1.105	-1.255	-1.384	-1.349	-1.050	-0.466	0.341	1.232	2.053
1861	18.60	2.677	3.043	3.165	3.117	2.992	2.856	2.717	2.525	2.196	1.653
1871	18.70	0.871	-0.096	-1.123	-2.041	-2.887	-3.593	-4.133	-4.483	-4.730	-4.762
1881	18.80	-0.656	-0.348	-0.240	-0.268	-0.335	-0.343	-0.225	0.032	0.505	0.798
1891	18.90	1.164	1.437	1.593	1.644	1.632	1.603	1.591	1.606	1.628	1.620
1901	19.00	1.542	1.370	1.106	0.778	0.431	0.112	-0.144	-0.327	-0.454	-0.559
1911	19.10	-0.686	-0.874	-1.139	-1.473	-1.839	-2.175	-2.411	-2.480	-2.337	-1.965
1921	19.20	-1.386	-0.665	0.189	1.036	1.825	2.491	2.978	3.238	3.227	2.917
1931	19.30	2.505	1.427	0.363	-0.749	-1.838	-2.713	-3.315	-3.606	-3.597	-3.330
1941	19.40	-2.854	-2.213	-1.442	-0.584	0.296	1.103	1.726	2.071	2.095	1.837
1951	19.50	1.413	0.983	0.694	0.629	0.773	1.024	1.241	1.300	1.148	0.820
1961	19.60	0.419	0.065	-0.147	-0.187	-0.079	0.120	0.362	0.621	0.900	1.198
1971	19.70	1.489	1.712	1.788	1.657	1.319	0.868	0.377	0.040	-0.083	-0.005
1981	19.80	0.169	0.284	0.209	-0.107	-0.609	-1.156	-1.582	-1.761	-1.652	-1.309
1991	19.90	-0.853	-0.421	-0.121	-0.010	-0.098	-0.364	-0.776	-1.304	-1.914	-2.561

Table 7—34—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-3.180	-3.697	-4.042	-4.161	-4.032	-3.656	-3.051	-2.243	-1.270	-0.184
2011	20.10	0.938	1.997	2.892	3.545	3.925	4.057	4.001	3.818	3.534	3.134
2021	20.20	2.580	1.858	1.015	0.175	-0.493	-0.844	-0.830	-0.537	-0.162	0.060
2031	20.30	-0.037	-0.471	-1.096	-1.661	-1.922	-1.748	-1.183	-0.425	0.265	0.679
2041	20.40	0.753	0.579	0.355	0.277	0.450	0.833	1.271	1.567	1.573	1.256
2051	20.50	0.704	0.083	-0.428	-0.699	-0.677	-0.380	0.129	0.765	1.431	2.023
2061	20.60	2.429	2.543	2.298	1.706	0.868	-0.039	-0.815	-1.310	-1.480	-1.399
2071	20.70	-1.227	-1.138	-1.242	-1.545	-1.949	-2.313	-2.512	-2.499	-2.310	-2.037
2081	20.80	-1.774	-1.566	-1.397	-1.206	-0.931	-0.555	-0.113	0.316	0.653	0.850
2091	20.90	0.915	0.892	0.838	0.783	0.725	0.638	0.499	0.316	0.133	0.011
2101	21.00	-0.003	0.089	0.230	0.330	0.307	0.127	-0.176	-0.512	-0.771	-0.871
2111	21.10	-0.786	-0.551	-0.237	0.086	0.371	0.608	0.804	0.960	1.056	1.051
2121	21.20	0.912	0.633	0.257	-0.131	-0.442	-0.615	-0.669	-0.607	-0.583	-0.663
2131	21.30	-0.877	-1.187	-1.500	-1.704	-1.712	-1.498	-1.095	-0.582	-0.049	0.432
2141	21.40	0.818	1.096	1.268	1.343	1.338	1.279	1.210	1.185	1.251	1.419
2151	21.50	1.647	1.842	1.886	1.881	1.795	0.489	-0.301	-1.004	-1.479	-1.670
2161	21.60	-1.628	-1.488	-1.409	-1.512	-1.824	-2.267	-2.687	-2.919	-2.866	-2.451
2171	21.70	-1.816	-1.092	-0.441	0.020	0.256	0.310	0.280	0.270	0.353	0.551
2181	21.80	0.835	1.154	1.466	1.746	2.013	2.295	2.615	2.966	3.307	3.567
2191	21.90	3.676	3.582	3.277	2.797	2.210	1.597	1.025	0.536	0.144	-0.157
2201	22.00	-0.383	-0.543	-0.646	-0.694	-0.696	-0.668	-0.636	-0.630	-0.670	-0.765
2211	22.10	-0.905	-1.071	-1.242	-1.406	-1.567	-1.742	-1.953	-2.212	-2.505	-2.788
2221	22.20	-2.982	-2.994	-2.745	-2.191	-1.355	-0.326	0.762	1.741	2.480	2.902
2231	22.30	3.013	2.888	2.663	2.389	2.197	2.081	2.003	1.905	1.740	1.498
2241	22.40	1.208	0.919	0.675	0.490	0.342	0.180	-0.068	-0.372	-0.787	-1.257
2251	22.50	-1.727	-2.147	-2.482	-2.717	-2.850	-2.884	-2.825	-2.686	-2.485	-2.256
2261	22.60	-2.031	-1.835	-1.669	-1.505	-1.297	-1.001	-0.598	-0.111	0.397	0.844
2271	22.70	1.157	1.299	1.276	1.134	0.935	0.737	0.582	0.494	0.486	0.564
2281	22.80	0.729	0.967	1.245	1.509	1.692	1.743	1.644	1.420	1.131	0.846
2291	22.90	0.613	0.442	0.303	0.156	-0.025	-0.226	-0.394	-0.458	-0.366	-0.110
2301	23.00	0.268	0.688	1.066	1.349	1.522	1.607	1.633	1.615	1.539	1.371
2311	23.10	1.079	0.660	0.144	-0.413	-0.948	-1.418	-1.812	-2.140	-2.416	-2.639
2321	23.20	-2.784	-2.812	-2.690	-2.415	-2.013	-1.536	-1.031	-0.530	-0.034	0.465
2331	23.30	0.966	1.429	1.796	1.991	1.963	1.715	1.312	0.863	0.472	0.205
2341	23.40	0.058	-0.031	-0.147	-0.357	-0.670	-1.037	-1.370	-1.580	-1.615	-1.475
2351	23.50	-1.203	-0.867	-0.531	-0.238	-0.017	0.111	0.124	0.001	-0.227	-0.653
2361	23.60	-1.092	-1.484	-1.725	-1.741	-1.513	-1.086	-0.550	-0.003	0.483	0.884
2371	23.70	1.218	1.530	1.858	2.213	2.577	2.904	3.147	3.269	3.250	3.083
2381	23.80	2.769	2.312	1.719	1.014	0.240	-0.539	-1.247	-1.817	-2.203	-2.399
2391	23.90	-2.428	-2.329	-2.144	-1.902	-1.616	-1.293	-0.945	-0.597	-0.285	-0.052
2401	24.00	0.071	0.074	-0.027	-0.198	-0.392	-0.568	-0.697	-0.768	-0.783	-0.756
2411	24.10	-0.704	-0.646	-0.593	-0.546	-0.492	-0.409	-0.269	-0.052	0.243	0.584
2421	24.20	0.918	1.176	1.297	1.251	1.046	0.732	0.378	0.051	-0.205	-0.384
2431	24.30	-0.509	-0.617	-0.742	-0.892	-1.051	-1.184	-1.245	-1.202	-1.035	-0.747
2441	24.40	-0.354	0.120	0.645	1.187	1.711	2.178	2.553	2.802	2.909	2.870
2451	24.50	2.699	2.418	2.052	1.624	1.148	0.636	0.099	-0.442	-0.954	-1.389
2461	24.60	-1.694	-1.816	-1.726	-1.423	-0.946	-0.369	0.212	0.702	1.032	1.171
2471	24.70	1.135	0.974	0.750	0.515	0.294	0.084	-0.134	-0.371	-0.618	-0.834
2481	24.80	-0.963	-0.952	-0.783	-0.682	-0.122	0.203	0.406	0.438	0.296	0.022
2491	24.90	-0.314	-0.645	-0.924	-1.130	-1.265	-1.341	-1.367	-1.343	-1.263	-1.120

Table 7—34—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.919	-0.677	-0.421	-0.185	0.000	0.115	0.151	0.110	0.008	-0.136
2511	25.10	-0.298	-0.453	-0.578	-0.659	-0.685	-0.652	-0.564	-0.425	-0.240	-0.022
2521	25.20	0.216	0.454	0.673	0.858	1.011	1.141	1.269	1.407	1.551	1.668
2531	25.30	1.711	1.631	1.409	1.065	0.670	0.315	0.083	0.012	0.073	0.179
2541	25.40	0.222	0.112	-0.127	-0.598	-1.045	-1.401	-1.575	-1.543	-1.346	-1.065
2551	25.50	-0.782	-0.564	-0.402	-0.266	-0.111	0.095	0.349	0.620	0.865	1.054
2561	25.60	1.180	1.265	1.338	1.422	1.511	1.578	1.578	1.470	1.236	0.885
2571	25.70	0.451	-0.019	-0.478	-0.891	-1.238	-1.513	-1.716	-1.852	-1.921	-1.924
2581	25.80	-1.854	-1.705	-1.472	-1.156	-0.772	-0.345	0.085	0.478	0.807	1.067
2591	25.90	1.276	1.471	1.683	1.923	2.164	2.355	2.435	2.365	2.152	1.849
2601	26.00	1.540	1.301	1.168	1.118	1.081	0.966	0.712	0.315	-0.165	-0.631
2611	26.10	-0.988	-1.187	-1.268	-1.243	-1.270	-1.396	-1.636	-1.941	-2.224	-2.397
2621	26.20	-2.412	-2.272	-2.027	-1.746	-1.427	-1.251	-1.058	-0.876	-0.690	-0.507
2631	26.30	-0.356	-0.262	-0.247	-0.300	-0.387	-0.459	-0.478	-0.428	-0.315	-0.166
2641	26.40	-0.000	0.157	0.301	0.429	0.536	0.610	0.641	0.623	0.570	0.509
2651	26.50	0.477	0.499	0.576	0.680	0.762	0.773	0.686	0.505	0.263	0.010
2661	26.60	-0.210	-0.372	-0.473	-0.525	-0.542	-0.531	-0.498	-0.447	-0.396	-0.374
2671	26.70	-0.411	-0.528	-0.714	-0.929	-1.115	-1.216	-1.202	-1.083	-0.900	-0.703
2681	26.80	-0.531	-0.390	-0.261	-0.111	0.078	0.294	0.498	0.642	0.695	0.665
2691	26.90	0.599	0.565	0.622	0.788	1.033	1.288	1.476	1.542	1.476	1.309
2701	27.00	1.100	0.899	0.736	0.605	0.478	0.322	0.124	-0.109	-0.343	-0.543
2711	27.10	-0.679	-0.742	-0.744	-0.710	-0.668	-0.639	-0.632	-0.646	-0.663	-0.662
2721	27.20	-0.618	-0.511	-0.335	-0.103	0.147	0.366	0.499	0.513	0.404	0.200
2731	27.30	-0.044	-0.271	-0.441	-0.545	-0.599	-0.634	-0.670	-0.704	-0.708	-0.660
2741	27.40	-0.466	-0.172	0.211	0.635	1.038	1.372	1.609	1.748	1.802	1.789
2751	27.50	1.723	1.614	1.472	1.314	1.164	1.044	0.969	0.936	0.926	0.917
2761	27.60	0.890	0.845	0.798	0.770	0.770	0.788	0.791	0.736	0.586	0.342
2771	27.70	0.031	-0.291	-0.573	-0.773	-0.896	-0.967	-1.026	-1.102	-1.197	-1.288
2781	27.80	-1.339	-1.323	-1.242	-1.126	-1.026	-0.988	-1.035	-1.153	-1.298	-1.415
2791	27.90	-1.456	-1.400	-1.254	-1.048	-0.817	-0.591	-0.383	-0.194	-0.015	0.161
2801	28.00	0.335	0.502	0.653	0.782	0.884	0.962	1.022	1.070	1.110	1.142
2811	28.10	1.153	1.125	1.035	0.861	0.600	0.268	-0.090	-0.434	-0.642	-0.734
2821	28.20	-0.692	-0.557	-0.398	-0.285	-0.256	-0.301	-0.364	-0.371	-0.262	-0.026
2831	28.30	0.290	0.599	0.806	0.851	0.736	0.521	0.297	0.147	0.108	0.161
2841	28.40	0.244	0.289	0.253	0.141	0.001	-0.105	-0.130	-0.076	0.015	0.069
2851	28.50	0.024	-0.153	-0.444	-0.799	-1.151	-1.450	-1.674	-1.826	-1.925	-1.985
2861	28.60	-2.004	-1.970	-1.873	-1.717	-1.524	-1.330	-1.166	-1.038	-0.926	-0.785
2871	28.70	-0.571	-0.266	0.109	0.502	0.843	1.086	1.224	1.301	1.388	1.553
2881	28.80	1.823	2.165	2.489	2.685	2.662	2.387	1.903	1.312	0.739	0.288
2891	28.90	0.008	-0.115	-0.139	-0.132	-0.137	-0.152	-0.140	-0.054	0.132	0.406
2901	29.00	0.713	0.986	1.170	1.269	1.269	1.219	1.203	1.209	1.206	1.135
2911	29.10	0.945	0.621	0.203	-0.232	-0.598	-0.839	-0.956	-0.999	-1.041	-1.135
2921	29.20	-1.285	-1.438	-1.511	-1.453	-1.185	-0.815	-0.419	-0.106	0.058	0.069
2931	29.30	-0.010	-0.086	-0.083	0.023	0.188	0.323	0.336	0.173	-0.160	-0.594
2941	29.40	-1.035	-1.393	-1.618	-1.707	-1.695	-1.627	-1.537	-1.436	-1.309	-1.137
2951	29.50	-0.903	-0.611	-0.283	0.045	0.335	0.557	0.695	0.747	0.726	0.660
2961	29.60	0.584	0.533	0.536	0.602	0.720	0.858	0.976	1.037	1.023	0.936
2971	29.70	0.796	0.628	0.451	0.270	0.080	-0.119	-0.319	-0.492	-0.603	-0.619
2981	29.80	-0.528	-0.353	-0.144	0.038	0.134	0.114	-0.020	-0.238	-0.496	-0.752
2991	29.90	-0.974	-1.145	-1.254	-1.298	-1.276	-1.193	-1.065	-0.918	-0.786	-0.696

Table 7—34—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.658	-0.656	-0.653	-0.605	-0.479	-0.268	0.006	0.294	0.545	0.716
3011	30.10	0.790	0.773	0.690	0.575	0.458	0.368	0.327	0.353	0.459	0.642
3021	30.20	0.879	1.123	1.312	1.387	1.318	1.119	0.849	0.598	0.453	0.467
3031	30.30	0.634	0.895	1.151	1.308	1.311	1.163	0.920	0.668	0.484	0.407
3041	30.40	0.421	0.470	0.681	0.402	0.223	-0.017	-0.247	-0.390	-0.398	-0.264
3051	30.50	-0.031	0.226	0.427	0.509	0.446	0.252	-0.028	-0.333	-0.609	-0.824
3061	30.60	-0.971	-1.066	-1.140	-1.216	-1.306	-1.396	-1.456	-1.451	-1.355	-1.168
3071	30.70	-0.916	-0.644	-0.397	-0.199	-0.045	0.101	0.282	0.527	0.831	1.147
3081	30.80	1.403	1.529	1.487	1.288	0.988	0.662	0.371	0.141	-0.044	-0.223
3091	30.90	-0.427	-0.658	-0.877	-1.026	-1.059	-0.967	-0.795	-0.621	-0.521	-0.535
3101	31.00	-0.660	-0.763	-0.817	-0.742	-0.533	-0.246	0.032	0.229	0.318	0.331
3111	31.10	0.336	0.399	0.546	0.750	0.963	1.053	1.046	0.939	0.792	0.678
3121	31.20	0.638	0.662	0.696	0.671	0.545	0.329	0.089	-0.087	-0.130	-0.026
3131	31.30	0.175	0.379	0.487	0.439	0.235	-0.071	-0.403	-0.692	-0.903	-1.043
3141	31.40	-1.138	-1.216	-1.282	-1.320	-1.303	-1.209	-1.042	-0.828	-0.608	-0.417
3151	31.50	-0.270	-0.159	-0.059	0.054	0.190	0.338	0.472	0.562	0.591	0.559
3161	31.60	0.485	0.397	0.322	0.277	0.265	0.278	0.303	0.330	0.353	0.369
3171	31.70	0.380	0.390	0.401	0.414	0.431	0.454	0.484	0.521	0.560	0.596
3181	31.80	0.617	0.649	0.540	0.443	0.321	0.148	-0.030	-0.186	-0.299	-0.365
3191	31.90	-0.400	-0.440	-0.525	-0.682	-0.912	-1.183	-1.432	-1.585	-1.578	-1.383
3201	32.00	-1.013	-0.525	0.001	0.482	0.851	1.076	1.155	1.113	0.988	0.819
3211	32.10	0.636	0.460	0.297	0.150	0.013	-0.119	-0.252	-0.386	-0.517	-0.637
3221	32.20	-0.730	-0.782	-0.782	-0.729	-0.632	-0.512	-0.398	-0.320	-0.301	-0.351
3231	32.30	-0.464	-0.614	-0.768	-0.889	-0.966	-0.928	-0.841	-0.704	-0.543	-0.375
3241	32.40	-0.206	-0.023	0.189	0.443	0.728	1.015	1.257	1.408	1.441	1.358
3251	32.50	1.196	1.008	0.845	0.735	0.677	0.639	0.582	0.470	0.294	0.069
3261	32.60	-0.167	-0.376	-0.524	-0.602	-0.615	-0.583	-0.525	-0.454	-0.373	-0.277
3271	32.70	-0.153	0.009	0.214	0.459	0.726	0.986	1.203	1.338	1.364	1.275
3281	32.80	1.091	0.851	0.605	0.393	0.233	0.116	0.021	-0.075	-0.177	-0.262
3291	32.90	-0.292	-0.232	-0.070	0.168	0.419	0.604	0.656	0.566	0.292	-0.051
3301	33.00	-0.410	-0.722	-0.953	-1.100	-1.183	-1.227	-1.253	-1.265	-1.259	-1.229
3311	33.10	-1.172	-1.087	-0.976	-0.835	-0.658	-0.441	-0.194	0.056	0.267	0.397
3321	33.20	0.420	0.339	0.189	0.020	-0.124	-0.226	-0.304	-0.405	-0.575	-0.836
3331	33.30	-1.165	-1.497	-1.749	-1.846	-1.757	-1.501	-1.143	-0.761	-0.418	-0.137
3341	33.40	0.098	0.328	0.593	0.902	1.230	1.517	1.701	1.737	1.623	1.400
3351	33.50	1.139	0.916	0.789	0.775	0.855	0.978	1.087	1.134	1.097	0.979
3361	33.60	0.809	0.623	0.459	0.342	0.280	0.268	0.285	0.308	0.315	0.294
3371	33.70	0.243	0.174	0.104	0.056	0.036	0.048	0.078	0.103	0.100	0.049
3381	33.80	-0.055	-0.206	-0.390	-0.585	-0.773	-0.930	-1.035	-1.066	-0.999	-0.831
3391	33.90	-0.574	-0.265	0.035	0.264	0.370	0.342	0.211	0.044	-0.077	-0.091
3401	34.00	0.018	0.214	0.417	0.541	0.525	0.359	0.087	-0.208	-0.440	-0.551
3411	34.10	-0.527	-0.400	-0.227	-0.065	0.052	0.115	0.142	0.154	0.168	0.186
3421	34.20	0.200	0.202	0.188	0.162	0.137	0.123	0.125	0.138	0.155	0.171
3431	34.30	0.181	0.187	0.187	0.178	0.150	0.098	0.022	-0.066	-0.147	-0.203
3441	34.40	-0.230	-0.232	-0.259	-0.317	-0.426	-0.572	-0.714	-0.802	-0.792	-0.673
3451	34.50	-0.466	-0.219	0.017	0.208	0.352	0.475	0.610	0.776	0.961	1.121
3461	34.60	1.200	1.151	0.962	0.660	0.306	-0.030	-0.295	-0.469	-0.564	-0.617
3471	34.70	-0.672	-0.754	-0.872	-1.008	-1.136	-1.225	-1.251	-1.201	-1.074	-0.877
3481	34.80	-0.628	-0.351	-0.077	0.166	0.355	0.482	0.552	0.577	0.573	0.547
3491	34.90	0.495	0.408	0.280	0.115	-0.058	-0.202	-0.272	-0.243	-0.117	0.074

Table 7—34—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.278	0.439	0.523	0.524	0.470	0.406	0.377	0.408	0.495	0.606
3511	35.10	0.697	0.724	0.667	0.531	0.345	0.155	0.005	-0.077	-0.090	-0.057
3521	35.20	-0.019	-0.020	-0.090	-0.230	-0.415	-0.593	-0.709	-0.720	-0.618	-0.429
3531	35.30	-0.211	-0.034	0.051	0.226	-0.087	-0.229	-0.334	-0.349	-0.258	-0.082
3541	35.40	0.125	0.301	0.399	0.401	0.321	0.193	0.060	-0.044	-0.101	-0.109
3551	35.50	-0.077	-0.019	0.051	0.117	0.162	0.169	0.127	0.037	-0.086	-0.212
3561	35.60	-0.313	-0.371	-0.392	-0.402	-0.440	-0.535	-0.690	-0.872	-1.025	-1.094
3571	35.70	-1.044	-0.887	-0.672	-0.467	-0.328	-0.270	-0.264	-0.245	-0.153	0.044
3581	35.80	0.323	0.620	0.858	0.981	0.982	0.905	0.819	0.783	0.810	0.865
3591	35.90	0.874	0.773	0.537	0.205	-0.135	-0.382	-0.464	-0.374	-0.171	0.049
3601	36.00	0.194	0.216	0.129	-0.005	-0.110	-0.135	-0.075	0.031	0.121	0.150
3611	36.10	0.103	0.009	-0.086	-0.136	-0.130	-0.083	-0.034	-0.014	-0.038	-0.089
3621	36.20	-0.135	-0.145	-0.110	-0.045	0.017	0.045	0.024	-0.036	-0.109	-0.167
3631	36.30	-0.197	-0.208	-0.220	-0.255	-0.321	-0.404	-0.480	-0.520	-0.513	-0.463
3641	36.40	-0.387	-0.300	-0.205	-0.089	0.066	0.273	0.524	0.784	1.004	1.139
3651	36.50	1.142	1.080	0.921	0.727	0.532	0.351	0.186	0.030	-0.119	-0.248
3661	36.60	-0.341	-0.381	-0.370	-0.330	-0.293	-0.288	-0.323	-0.376	-0.407	-0.374
3671	36.70	-0.259	-0.078	0.121	0.280	0.353	0.332	0.245	0.145	0.085	0.092
3681	36.80	0.160	0.250	0.321	0.343	0.317	0.267	0.231	0.231	0.263	0.297
3691	36.90	0.288	0.198	0.013	-0.252	-0.554	-0.842	-1.071	-1.213	-1.256	-1.205
3701	37.00	-1.076	-0.893	-0.692	-0.521	-0.427	-0.449	-0.595	-0.833	-1.092	-1.281
3711	37.10	-1.317	-1.159	-0.825	-0.388	0.052	0.408	0.633	0.744	0.800	0.875
3721	37.20	1.021	1.242	1.490	1.693	1.783	1.732	1.562	1.337	1.132	1.007
3731	37.30	0.979	1.029	1.109	1.169	1.179	1.131	1.039	0.920	0.787	0.643
3741	37.40	0.486	0.323	0.173	0.067	0.036	0.083	0.197	0.326	0.409	0.394
3751	37.50	0.258	0.013	-0.295	-0.611	-0.889	-1.107	-1.269	-1.392	-1.487	-1.552
3761	37.60	-1.564	-1.498	-1.336	-1.089	-0.792	-0.497	-0.254	-0.094	-0.017	0.000
3771	37.70	-0.010	-0.025	-0.037	-0.060	-0.107	-0.183	-0.271	-0.332	-0.319	-0.201
3781	37.80	0.025	0.328	0.651	0.929	1.112	1.179	1.139	1.021	0.860	0.679
3791	37.90	0.488	0.283	0.059	-0.180	-0.421	-0.641	-0.814	-0.924	-0.965	-0.945
3801	38.00	-0.880	-0.784	-0.673	-0.558	-0.447	-0.351	-0.279	-0.239	-0.232	-0.254
3811	38.10	-0.295	-0.360	-0.379	-0.403	-0.408	-0.389	-0.338	-0.247	-0.111	0.068
3821	38.20	0.272	0.474	0.643	0.758	0.812	0.818	0.803	0.790	0.794	0.804
3831	38.30	0.798	0.745	0.624	0.433	0.192	-0.069	-0.319	-0.539	-0.722	-0.871
3841	38.40	-0.989	-1.071	-1.106	-1.078	-0.989	-0.853	-0.701	-0.565	-0.473	-0.429
3851	38.50	-0.417	-0.413	-0.391	-0.345	-0.286	-0.233	-0.205	-0.200	-0.200	-0.174
3861	38.60	-0.103	0.015	0.152	0.263	0.309	0.272	0.170	0.048	-0.044	-0.071
3871	38.70	-0.034	0.030	0.069	0.041	-0.068	-0.230	-0.389	-0.485	-0.480	-0.373
3881	38.80	-0.199	-0.013	0.138	0.229	0.272	0.253	0.365	0.489	0.679	0.909
3891	38.90	1.135	1.305	1.379	1.337	1.184	0.943	0.653	0.361	0.108	-0.072
3901	39.00	-0.162	-0.164	-0.100	-0.003	0.088	0.141	0.143	0.097	0.024	-0.052
3911	39.10	-0.113	-0.156	-0.194	-0.247	-0.333	-0.457	-0.605	-0.750	-0.859	-0.908
3921	39.20	-0.889	-0.815	-0.710	-0.600	-0.497	-0.394	-0.269	-0.093	0.148	0.447
3931	39.30	0.768	1.055	1.254	1.328	1.275	1.128	0.945	0.785	0.687	0.654
3941	39.40	0.654	0.636	0.547	0.362	0.092	-0.218	-0.504	-0.709	-0.797	-0.768
3951	39.50	-0.652	-0.494	-0.335	-0.196	-0.079	0.035	0.164	0.315	0.479	0.627
3961	39.60	0.724	0.743	0.681	0.557	0.411	0.288	0.223	0.223	0.269	0.316
3971	39.70	0.315	0.228	0.063	-0.218	-0.508	-0.765	-0.936	-0.991	-0.932	-0.791
3981	39.80	-0.618	-0.465	-0.371	-0.351	-0.395	-0.471	-0.563	-0.576	-0.551	-0.470
3991	39.90	-0.355	-0.257	-0.147	-0.107	-0.116	-0.154	-0.187	-0.178	-0.102	0.041

Table 7—34—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.229	0.421	0.579	0.678	0.716	0.716	0.710	0.722	0.755	0.791
4011	40.10	0.797	0.746	0.636	0.493	0.366	0.308	0.347	0.475	0.666	0.791
4021	40.20	0.849	0.785	0.607	0.556	0.585	-0.151	-0.328	-0.447	-0.527	-0.590
4031	40.30	-0.646	-0.693	-0.721	-0.720	-0.691	-0.667	-0.603	-0.573	-0.559	-0.554
4041	40.40	-0.545	-0.526	-0.491	-0.452	-0.415	-0.383	-0.352	-0.316	-0.276	-0.241
4051	40.50	-0.234	-0.277	-0.377	-0.521	-0.670	-0.772	-0.788	-0.703	-0.541	-0.350
4061	40.60	-0.184	-0.082	-0.044	-0.040	-0.025	0.041	0.166	0.328	0.486	0.591
4071	40.70	0.624	0.594	0.529	0.468	0.437	0.438	0.454	0.461	0.462	0.396
4081	40.80	0.336	0.276	0.215	0.166	0.069	-0.089	-0.256	-0.417	-0.519	-0.513
4091	40.90	-0.383	-0.153	0.113	0.335	0.445	0.418	0.277	0.087	-0.077	-0.152
4101	41.00	-0.118	0.003	0.158	0.285	0.341	0.313	0.220	0.101	-0.002	-0.061
4111	41.10	-0.079	-0.040	0.004	0.038	0.046	0.025	-0.018	-0.069	-0.114	-0.142
4121	41.20	-0.151	-0.143	-0.123	-0.100	-0.076	-0.050	-0.018	0.026	0.084	0.155
4131	41.30	0.230	0.299	0.350	0.380	0.391	0.395	0.401	0.416	0.437	0.450
4141	41.40	0.441	0.396	0.316	0.213	0.109	0.028	-0.017	-0.028	-0.020	-0.019
4151	41.50	-0.049	-0.181	-0.233	-0.267	-0.500	-0.633	-0.697	-0.754	-0.789	-0.812
4161	41.60	-0.823	-0.823	-0.809	-0.783	-0.755	-0.737	-0.740	-0.764	-0.793	-0.797
4171	41.70	-0.748	-0.627	-0.438	-0.209	0.020	0.213	0.353	0.452	0.542	0.557
4181	41.80	0.810	0.983	1.123	1.170	1.080	0.850	0.526	0.193	-0.063	-0.188
4191	41.90	-0.179	-0.082	0.027	0.088	0.080	0.033	0.013	0.079	0.254	0.502
4201	42.00	0.742	0.880	0.858	0.680	0.415	0.171	0.041	0.067	0.213	0.388
4211	42.10	0.485	0.492	0.424	0.276	0.362	0.540	0.566	0.457	0.298	0.182
4221	42.20	-0.177	-0.352	-0.495	-0.697	-0.826	-0.862	-0.753	-0.603	-0.457	-0.362
4231	42.30	-0.337	-0.367	-0.420	-0.460	-0.467	-0.439	-0.387	-0.323	-0.251	-0.162
4241	42.40	-0.040	0.131	0.356	0.617	0.889	1.129	1.300	1.370	1.328	1.184
4251	42.50	0.966	0.713	0.464	0.247	0.072	-0.071	-0.204	-0.345	-0.503	-0.662
4261	42.60	-0.791	-0.851	-0.821	-0.701	-0.526	-0.367	-0.216	-0.163	-0.182	-0.237
4271	42.70	-0.279	-0.265	-0.182	-0.048	0.095	0.206	0.260	0.263	0.244	0.239
4281	42.80	0.270	0.332	0.396	0.422	0.382	0.272	0.119	-0.038	-0.160	-0.230
4291	42.90	-0.254	-0.257	-0.265	-0.288	-0.315	-0.322	-0.289	-0.214	-0.118	-0.043
4301	43.00	-0.026	-0.083	-0.198	-0.329	-0.421	-0.437	-0.370	-0.246	-0.100	0.027
4311	43.10	0.128	0.224	0.354	0.548	0.809	1.103	1.367	1.537	1.572	1.474
4321	43.20	1.283	1.056	0.844	0.664	0.502	0.326	0.106	-0.156	-0.428	-0.657
4331	43.30	-0.793	-0.816	-0.747	-0.634	-0.533	-0.475	-0.457	-0.441	-0.379	-0.240
4341	43.40	-0.032	0.195	0.372	0.439	0.373	0.197	-0.028	-0.230	-0.357	-0.392
4351	43.50	-0.360	-0.304	-0.268	-0.270	-0.302	-0.332	-0.329	-0.273	-0.173	-0.058
4361	43.60	0.028	0.050	-0.012	-0.156	-0.357	-0.575	-0.767	-0.894	-0.930	-0.870
4371	43.70	-0.727	-0.535	-0.338	-0.173	-0.064	-0.006	0.027	0.074	0.166	0.309
4381	43.80	0.478	0.625	0.700	0.671	0.539	0.339	0.127	-0.048	-0.160	-0.212
4391	43.90	-0.228	-0.238	-0.254	-0.264	-0.242	-0.161	-0.014	0.179	0.377	0.534
4401	44.00	0.626	0.656	0.657	0.668	0.715	0.797	0.881	0.925	0.899	0.804
4411	44.10	0.678	0.578	0.553	0.618	0.745	0.868	0.916	0.838	0.632	0.342
4421	44.20	0.042	-0.192	-0.319	-0.344	-0.310	-0.284	-0.318	-0.436	-0.620	-0.824
4431	44.30	-0.996	-1.092	-1.109	-1.063	-0.989	-0.921	-0.875	-0.850	-0.827	-0.785
4441	44.40	-0.715	-0.620	-0.522	-0.442	-0.399	-0.392	-0.406	-0.417	-0.406	-0.366
4451	44.50	-0.309	-0.260	-0.244	-0.278	-0.356	-0.450	-0.531	-0.569	-0.553	-0.495
4461	44.60	-0.425	-0.374	-0.358	-0.367	-0.369	-0.321	-0.192	0.023	0.291	0.554
4471	44.70	0.747	0.829	0.795	0.686	0.567	0.506	0.544	0.677	0.863	1.033
4481	44.80	1.126	1.108	0.986	0.794	0.589	0.416	0.297	0.232	0.207	0.210
4491	44.90	0.239	0.302	0.409	0.555	0.712	0.832	0.862	0.766	0.540	0.220

Table 7—34—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.134	-0.456	-0.702	-0.861	-0.954	-1.017	-1.079	-1.146	-1.196	-1.193
4511	45.10	-1.104	-0.919	-0.657	-0.359	-0.072	0.170	0.356	0.495	0.606	0.700
4521	45.20	0.771	0.800	0.762	0.647	0.463	0.240	0.016	-0.174	-0.316	-0.414
4531	45.30	-0.488	-0.556	-0.627	-0.694	-0.740	-0.748	-0.710	-0.630	-0.518	-0.389
4541	45.40	-0.248	-0.092	0.082	0.272	0.465	0.636	0.757	0.809	0.792	0.723
4551	45.50	0.633	0.554	0.504	0.486	0.493	0.512	0.536	0.569	0.616	0.676
4561	45.60	0.739	0.779	0.749	0.690	0.562	0.347	0.143	-0.035	-0.167	-0.255
4571	45.70	-0.318	-0.377	-0.447	-0.521	-0.582	-0.610	-0.590	-0.563	-0.528	-0.521
4581	45.80	-0.552	-0.608	-0.655	-0.659	-0.601	-0.487	-0.352	-0.238	-0.175	-0.163
4591	45.90	-0.174	-0.165	-0.104	0.015	0.162	0.290	0.354	0.339	0.266	0.186
4601	46.00	0.150	0.186	0.283	0.392	0.453	0.422	0.297	0.114	-0.060	-0.168
4611	46.10	-0.180	-0.111	-0.007	0.074	0.093	0.044	-0.046	-0.134	-0.183	-0.180
4621	46.20	-0.137	-0.086	-0.057	-0.066	-0.112	-0.177	-0.240	-0.284	-0.299	-0.282
4631	46.30	-0.226	-0.127	0.018	0.199	0.390	0.554	0.655	0.667	0.606	0.513
4641	46.40	0.443	0.443	0.526	0.659	0.779	0.864	0.879	0.694	0.489	0.124
4651	46.50	-0.373	-0.521	-0.576	-0.575	-0.577	-0.618	-0.706	-0.821	-0.931	-1.009
4661	46.60	-1.048	-1.058	-1.059	-1.058	-1.051	-1.016	-0.935	-0.806	-0.645	-0.488
4671	46.70	-0.370	-0.306	-0.285	-0.272	-0.227	-0.121	0.043	0.238	0.424	0.567
4681	46.80	0.652	0.692	0.711	0.731	0.761	0.791	0.801	0.777	0.715	0.630
4691	46.90	0.542	0.464	0.396	0.325	0.235	0.122	-0.003	-0.110	-0.169	-0.167
4701	47.00	-0.113	-0.040	0.012	0.017	-0.026	-0.088	-0.129	-0.116	-0.042	0.070
4711	47.10	0.177	0.240	0.241	0.188	0.113	0.049	0.016	0.006	-0.003	-0.036
4721	47.20	-0.105	-0.198	-0.282	-0.323	-0.302	-0.222	-0.111	-0.005	0.070	0.106
4731	47.30	0.116	0.121	0.139	0.175	0.219	0.259	0.287	0.306	0.327	0.359
4741	47.40	0.398	0.422	0.397	0.298	0.117	-0.121	-0.368	-0.568	-0.680	-0.692
4751	47.50	-0.623	-0.512	-0.401	-0.315	-0.259	-0.220	-0.185	-0.145	-0.108	-0.090
4761	47.60	-0.102	-0.139	-0.181	-0.197	-0.161	-0.066	0.069	0.211	0.320	0.373
4771	47.70	0.371	0.333	0.303	0.297	0.325	0.374	0.420	0.442	0.437	0.421
4781	47.80	0.423	0.467	0.558	0.681	0.799	0.876	0.890	0.842	0.756	0.670
4791	47.90	0.605	0.563	0.525	0.455	0.327	0.143	-0.068	-0.251	-0.353	-0.343
4801	48.00	-0.233	-0.076	0.058	0.103	0.029	-0.148	-0.372	-0.572	-0.688	-0.698
4811	48.10	-0.617	-0.494	-0.383	-0.324	-0.328	-0.381	-0.453	-0.518	-0.561	-0.584
4821	48.20	-0.599	-0.615	-0.636	-0.657	-0.670	-0.673	-0.668	-0.658	-0.680	-0.706
4831	48.30	-0.736	-0.757	-0.754	-0.724	-0.675	-0.623	-0.580	-0.552	-0.532	-0.508
4841	48.40	-0.471	-0.421	-0.372	-0.337	-0.325	-0.327	-0.310	-0.272	-0.163	0.009
4851	48.50	0.219	0.429	0.601	0.715	0.773	0.798	0.815	0.843	0.883	0.919
4861	48.60	0.953	0.913	0.858	0.779	0.690	0.596	0.497	0.389	0.277	0.181
4871	48.70	0.128	0.141	0.221	0.340	0.444	0.476	0.407	0.250	0.065	-0.071
4881	48.80	-0.095	0.006	0.187	0.362	0.441	0.372	0.166	-0.112	-0.372	-0.543
4891	48.90	-0.606	-0.595	-0.575	-0.601	-0.683	-0.781	-0.821	-0.736	-0.504	-0.166
4901	49.00	0.190	0.448	0.603	0.591	0.486	0.371	0.314	0.342	0.429	0.516
4911	49.10	0.543	0.481	0.343	0.175	0.031	-0.050	-0.066	-0.038	-0.006	-0.000
4921	49.20	-0.033	-0.103	-0.195	-0.300	-0.413	-0.529	-0.638	-0.719	-0.746	-0.696
4931	49.30	-0.571	-0.396	-0.217	-0.080	-0.011	-0.003	-0.020	-0.018	0.034	0.129
4941	49.40	0.232	0.291	0.269	0.163	0.009	-0.131	-0.201	-0.173	-0.060	0.095
4951	49.50	0.244	0.360	0.444	0.522	0.618	0.733	0.836	0.876	0.805	0.611
4961	49.60	0.326	0.024	-0.214	-0.335	-0.335	-0.261	-0.188	-0.180	-0.263	-0.412
4971	49.70	-0.572	-0.681	-0.706	-0.654	-0.561	-0.470	-0.402	-0.345	-0.262	-0.114
4981	49.80	0.113	0.392	0.664	0.861	0.936	0.882	0.736	0.552	0.385	0.257
4991	49.90	0.159	0.060	-0.068	-0.232	-0.405	-0.545	-0.605	-0.563	-0.428	-0.236

Table 7—34—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.035	0.132	0.260	0.361	0.431	0.490	0.539	0.563	0.566	0.478
5011	50.10	0.367	0.232	0.103	0.003	-0.058	-0.086	-0.096	-0.107	-0.131	-0.173
5021	50.20	-0.233	-0.305	-0.389	-0.481	-0.578	-0.673	-0.756	-0.813	-0.838	-0.828
5031	50.30	-0.791	-0.739	-0.683	-0.630	-0.580	-0.530	-0.475	-0.413	-0.346	-0.280
5041	50.40	-0.216	-0.145	-0.066	0.035	0.164	0.320	0.493	0.667	0.821	0.941
5051	50.50	1.014	1.039	1.019	0.964	0.885	0.795	0.708	0.633	0.574	0.530
5061	50.60	0.495	0.461	0.425	0.386	0.353	0.332	0.329	0.339	0.351	0.369
5071	50.70	0.320	0.262	0.181	0.095	0.019	-0.039	-0.084	-0.133	-0.202	-0.302
5081	50.80	-0.425	-0.546	-0.630	-0.669	-0.592	-0.475	-0.336	-0.224	-0.178	-0.212
5091	50.90	-0.310	-0.431	-0.519	-0.532	-0.453	-0.296	-0.105	0.061	0.155	0.150
5101	51.00	0.051	-0.113	-0.299	-0.468	-0.599	-0.690	-0.751	-0.793	-0.817	-0.809
5111	51.10	-0.748	-0.615	-0.409	-0.152	0.116	0.349	0.513	0.595	0.611	0.589
5121	51.20	0.560	0.560	0.527	0.505	0.453	0.366	0.255	0.166	0.061	0.020
5131	51.30	0.018	0.036	0.050	0.041	0.009	-0.032	-0.053	-0.072	-0.059	-0.041
5141	51.40	-0.035	-0.052	-0.086	-0.116	-0.118	-0.078	0.002	0.098	0.178	0.214
5151	51.50	0.197	0.137	0.057	-0.018	-0.077	-0.122	-0.169	-0.234	-0.322	-0.424
5161	51.60	-0.517	-0.572	-0.567	-0.495	-0.360	-0.180	0.021	0.217	0.379	0.484
5171	51.70	0.511	0.456	0.332	0.171	0.019	-0.078	-0.094	-0.029	0.085	0.197
5181	51.80	0.261	0.253	0.179	0.073	-0.022	-0.075	-0.083	-0.089	-0.069	-0.112
5191	51.90	-0.200	-0.306	-0.386	-0.398	-0.327	-0.190	-0.033	0.087	0.129	0.082
5201	52.00	-0.031	-0.167	-0.279	-0.339	-0.343	-0.311	-0.272	-0.248	-0.249	-0.262
5211	52.10	-0.266	-0.239	-0.171	-0.065	0.062	0.188	0.293	0.368	0.413	0.436
5221	52.20	0.446	0.451	0.448	0.432	0.395	0.333	0.254	0.175	0.120	0.113
5231	52.30	0.162	0.262	0.384	0.490	0.565	0.526	0.438	0.310	0.184	0.101
5241	52.40	0.082	0.123	0.196	0.265	0.298	0.287	0.245	0.203	0.189	0.217
5251	52.50	0.275	0.332	0.353	0.312	0.206	0.057	-0.098	-0.224	-0.301	-0.336
5261	52.60	-0.344	-0.358	-0.396	-0.453	-0.516	-0.559	-0.561	-0.519	-0.448	-0.371
5271	52.70	-0.312	-0.283	-0.276	-0.272	-0.253	-0.209	-0.151	-0.100	-0.081	-0.108
5281	52.80	-0.174	-0.251	-0.306	-0.315	-0.275	-0.206	-0.144	-0.120	-0.144	-0.200
5291	52.90	-0.250	-0.257	-0.201	-0.094	0.022	0.094	0.085	-0.010	-0.156	-0.293
5301	53.00	-0.363	-0.332	-0.210	-0.040	0.119	0.224	0.262	0.260	0.264	0.320
5311	53.10	0.466	0.625	0.812	0.951	1.006	0.968	0.859	0.721	0.592	0.494
5321	53.20	0.427	0.374	0.316	0.240	0.149	0.059	-0.010	-0.063	-0.033	0.015
5331	53.30	0.089	0.174	0.250	0.304	0.326	0.313	0.276	0.236	0.216	0.234
5341	53.40	0.290	0.361	0.380	0.359	0.284	0.192	0.109	0.046	-0.372	-0.347
5351	53.50	-0.235	-0.103	-0.024	-0.054	-0.199	-0.418	-0.642	-0.803	-0.866	-0.842
5361	53.60	-0.775	-0.716	-0.697	-0.718	-0.747	-0.745	-0.694	-0.604	-0.512	-0.461
5371	53.70	-0.471	-0.527	-0.581	-0.579	-0.485	-0.303	-0.077	0.131	0.272	0.331
5381	53.80	0.336	0.338	0.379	0.468	0.573	0.631	0.584	0.411	0.141	-0.151
5391	53.90	-0.379	-0.479	-0.438	-0.300	-0.142	-0.039	-0.035	-0.123	-0.252	-0.357
5401	54.00	-0.387	-0.327	-0.204	-0.070	0.023	0.050	0.020	-0.026	-0.043	0.004
5411	54.10	0.114	0.256	0.379	0.432	0.390	0.261	0.084	-0.084	-0.195	-0.224
5421	54.20	-0.181	-0.101	-0.032	-0.011	-0.049	-0.130	-0.217	-0.270	-0.265	-0.206
5431	54.30	-0.118	-0.042	-0.010	-0.032	-0.095	-0.165	-0.208	-0.205	-0.160	-0.097
5441	54.40	-0.045	-0.021	-0.015	0.005	0.080	0.240	0.484	0.773	1.041	1.215
5451	54.50	1.242	1.113	0.866	0.561	0.284	0.091	0.007	0.016	0.075	0.132
5461	54.60	0.151	0.121	0.055	-0.016	-0.061	-0.063	-0.027	0.029	0.077	0.097
5471	54.70	0.081	0.038	-0.013	-0.052	-0.065	-0.051	-0.018	0.022	0.059	0.087
5481	54.80	0.109	0.128	0.142	0.146	0.131	0.093	0.034	-0.031	-0.079	-0.091
5491	54.90	-0.058	0.009	0.083	0.131	0.127	0.063	-0.043	-0.159	-0.246	-0.280

Table 7—34—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.255	-0.190	-0.112	-0.048	-0.011	0.003	0.010	0.027	0.061	0.104
5511	55.10	0.138	0.145	0.120	0.074	0.027	0.005	0.018	0.059	0.101	0.113
5521	55.20	0.072	-0.021	-0.162	-0.249	-0.303	-0.281	-0.191	-0.069	0.036	0.071
5531	55.30	0.019	-0.112	-0.281	-0.436	-0.523	-0.524	-0.447	-0.325	-0.205	-0.123
5541	55.40	-0.091	-0.097	-0.108	-0.093	-0.036	0.053	0.143	0.196	0.185	0.111
5551	55.50	0.003	-0.058	-0.121	-0.073	0.037	0.165	0.254	0.259	0.172	0.022
5561	55.60	-0.139	-0.256	-0.299	-0.277	-0.229	-0.205	-0.241	-0.338	-0.462	-0.556
5571	55.70	-0.568	-0.478	-0.306	-0.106	0.055	0.129	0.102	0.002	-0.121	-0.214
5581	55.80	-0.246	-0.217	-0.152	-0.084	-0.039	-0.016	0.006	0.054	0.147	0.282
5591	55.90	0.431	0.553	0.613	0.596	0.515	0.408	0.316	0.273	0.287	0.343
5601	56.00	0.406	0.445	0.437	0.379	0.285	0.181	0.087	0.019	-0.024	-0.049
5611	56.10	-0.068	-0.091	-0.121	-0.157	-0.193	-0.225	-0.247	-0.261	-0.269	-0.278
5621	56.20	-0.293	-0.322	-0.368	-0.427	-0.493	-0.556	-0.605	-0.633	-0.640	-0.631
5631	56.30	-0.610	-0.579	-0.534	-0.464	-0.358	-0.214	-0.039	0.169	0.325	0.472
5641	56.40	0.587	0.683	0.779	0.893	1.026	1.157	1.254	1.283	1.227	1.098
5651	56.50	0.934	0.780	0.675	0.629	0.625	0.625	0.593	0.509	0.385	0.251
5661	56.60	0.140	0.073	0.045	0.031	0.003	-0.057	-0.141	-0.223	-0.273	-0.276
5671	56.70	-0.244	-0.213	-0.225	-0.306	-0.443	-0.600	-0.718	-0.769	-0.682	-0.546
5681	56.80	-0.400	-0.308	-0.311	-0.409	-0.565	-0.719	-0.818	-0.833	-0.772	-0.667
5691	56.90	-0.558	-0.475	-0.428	-0.407	-0.394	-0.374	-0.344	-0.314	-0.297	-0.302
5701	57.00	-0.328	-0.364	-0.391	-0.392	-0.358	-0.292	-0.204	-0.110	-0.024	0.043
5711	57.10	0.090	0.122	0.149	0.181	0.226	0.287	0.357	0.423	0.472	0.493
5721	57.20	0.486	0.462	0.441	0.444	0.481	0.549	0.627	0.687	0.701	0.656
5731	57.30	0.558	0.431	0.313	0.236	0.215	0.256	0.338	0.433	0.513	0.558
5741	57.40	0.566	0.544	0.508	0.473	0.443	0.416	0.370	0.296	0.183	0.037
5751	57.50	-0.124	-0.273	-0.385	-0.445	-0.456	-0.433	-0.400	-0.372	-0.352	-0.331
5761	57.60	-0.292	-0.230	-0.154	-0.091	-0.022	-0.122	-0.235	-0.380	-0.505	-0.564
5771	57.70	-0.534	-0.430	-0.298	-0.195	-0.159	-0.195	-0.267	-0.321	-0.309	-0.216
5781	57.80	-0.065	0.092	0.203	0.238	0.203	0.135	0.080	0.063	0.082	0.102
5791	57.90	0.083	-0.000	-0.138	-0.291	-0.402	-0.431	-0.368	-0.240	-0.098	0.008
5801	58.00	0.069	0.031	-0.017	-0.057	-0.061	-0.020	0.051	0.129	0.193	0.229
5811	58.10	0.233	0.207	0.154	0.076	0.021	-0.121	-0.201	-0.237	-0.213	-0.132
5821	58.20	-0.018	0.095	0.176	0.209	0.202	0.180	0.149	0.181	0.209	0.231
5831	58.30	0.220	0.167	0.081	-0.011	-0.077	-0.100	-0.080	-0.037	0.008	0.044
5841	58.40	0.079	0.129	0.211	0.320	0.427	0.487	0.462	0.341	0.151	-0.048
5851	58.50	-0.187	-0.222	-0.150	-0.016	0.110	0.160	0.100	-0.058	-0.264	-0.456
5861	58.60	-0.581	-0.626	-0.598	-0.538	-0.478	-0.432	-0.394	-0.342	-0.261	-0.148
5871	58.70	-0.023	0.086	0.153	0.167	0.139	0.093	0.052	0.029	0.022	0.016
5881	58.80	-0.005	-0.042	-0.088	-0.121	-0.123	-0.086	-0.019	0.055	0.113	0.141
5891	58.90	0.144	0.139	0.147	0.181	0.234	0.284	0.302	0.271	0.191	0.087
5901	59.00	-0.005	-0.052	-0.038	0.023	0.098	0.146	0.141	0.079	-0.019	-0.114
5911	59.10	-0.173	-0.180	-0.161	-0.080	-0.025	0.012	0.035	0.065	0.125	0.226
5921	59.20	0.355	0.483	0.570	0.591	0.546	0.457	0.365	0.307	0.300	0.335
5931	59.30	0.381	0.404	0.376	0.296	0.182	0.066	-0.025	-0.077	-0.095	-0.096
5941	59.40	-0.104	-0.135	-0.195	-0.280	-0.379	-0.483	-0.585	-0.676	-0.750	-0.798
5951	59.50	-0.810	-0.782	-0.718	-0.629	-0.528	-0.429	-0.336	-0.247	-0.155	-0.058
5961	59.60	0.038	0.119	0.168	0.171	0.129	0.055	-0.030	-0.102	-0.149	-0.169
5971	59.70	-0.165	-0.145	-0.112	-0.063	0.002	0.077	0.144	0.176	0.150	0.059
5981	59.80	-0.079	-0.225	-0.330	-0.358	-0.296	-0.164	-0.008	0.123	0.193	0.195
5991	59.90	0.142	0.064	-0.012	-0.072	-0.118	-0.160	-0.202	-0.239	-0.258	-0.241

Table 7—34—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-0.186	-0.103	-0.012	0.068	0.128	0.177	0.236	0.325	0.447	0.584
6011	60.10	0.705	0.776	0.784	0.740	0.683	0.655	0.685	0.772	0.881	0.964
6021	60.20	0.975	0.894	0.734	0.533	0.340	0.193	0.112	0.095	0.125	0.185
6031	60.30	0.259	0.335	0.400	0.438	0.433	0.377	0.277	0.161	0.063	0.013
6041	60.40	0.017	0.055	0.082	0.053	-0.056	-0.235	-0.438	-0.609	-0.706	-0.722
6051	60.50	-0.690	-0.660	-0.678	-0.756	-0.863	-0.965	-0.951	-0.865	-0.719	-0.580
6061	60.60	-0.517	-0.565	-0.704	-0.863	-0.949	-0.896	-0.692	-0.393	-0.094	0.108
6071	60.70	0.159	0.073	-0.081	-0.209	-0.238	-0.149	0.019	0.189	0.286	0.270
6081	60.80	0.156	-0.000	-0.127	-0.171	-0.118	0.004	0.145	0.253	0.303	0.297
6091	60.90	0.259	0.215	0.183	0.158	0.130	0.085	0.027	-0.026	-0.043	-0.007
6101	61.00	0.083	0.204	0.316	0.377	0.363	0.278	0.151	0.023	-0.068	-0.102
6111	61.10	-0.084	-0.034	0.020	0.057	0.072	0.074	0.078	0.099	0.139	0.190
6121	61.20	0.234	0.253	0.236	0.185	0.109	0.028	-0.042	-0.087	-0.104	-0.094
6131	61.30	-0.066	-0.026	0.021	0.075	0.139	0.212	0.291	0.361	0.403	0.394
6141	61.40	0.320	0.180	-0.006	-0.204	-0.371	-0.474	-0.499	-0.456	-0.377	-0.305
6151	61.50	-0.268	-0.276	-0.315	-0.351	-0.352	-0.304	-0.215	-0.117	-0.049	-0.037
6161	61.60	-0.086	-0.166	-0.243	-0.279	-0.252	-0.171	-0.060	0.047	0.127	0.177
6171	61.70	0.207	0.235	0.270	0.306	0.322	0.295	0.213	0.087	-0.055	-0.175
6181	61.80	-0.242	-0.247	-0.203	-0.138	-0.080	-0.044	-0.027	-0.012	0.019	0.077
6191	61.90	0.157	0.244	0.317	0.365	0.388	0.395	0.395	0.394	0.386	0.362
6201	62.00	0.314	0.246	0.172	0.113	0.087	0.102	0.148	0.204	0.249	0.268
6211	62.10	0.259	0.231	0.196	0.166	0.143	0.124	0.105	0.086	0.070	0.062
6221	62.20	0.060	0.057	0.040	-0.003	-0.074	-0.162	-0.242	-0.292	-0.299	-0.267
6231	62.30	-0.221	-0.189	-0.194	-0.239	-0.309	-0.375	-0.412	-0.412	-0.383	-0.368
6241	62.40	-0.326	-0.325	-0.335	-0.336	-0.309	-0.251	-0.176	-0.109	-0.076	-0.083
6251	62.50	-0.118	-0.154	-0.163	-0.135	-0.079	-0.021	0.009	-0.002	-0.046	-0.093
6261	62.60	-0.110	-0.077	0.005	0.111	0.207	0.267	0.285	0.275	0.264	0.271
6271	62.70	0.302	0.341	0.366	0.362	0.331	0.293	0.275	0.296	0.354	0.423
6281	62.80	0.470	0.466	0.407	0.316	0.231	0.190	0.204	0.260	0.316	0.352
6291	62.90	0.281	0.168	0.029	-0.091	-0.153	-0.143	-0.078	0.005	0.066	0.077
6301	63.00	0.035	-0.047	-0.143	-0.232	-0.302	-0.352	-0.382	-0.391	-0.373	-0.323
6311	63.10	-0.239	-0.133	-0.025	0.060	0.106	0.109	0.085	0.056	0.042	0.048
6321	63.20	0.062	0.061	0.025	-0.055	-0.167	-0.281	-0.367	-0.402	-0.382	-0.321
6331	63.30	-0.261	-0.162	-0.089	-0.018	0.062	0.154	0.228	0.317	0.329	0.260
6341	63.40	0.107	-0.107	-0.342	-0.552	-0.703	-0.783	-0.803	-0.784	-0.750	-0.711
6351	63.50	-0.663	-0.594	-0.494	-0.363	-0.220	-0.093	-0.011	0.010	-0.026	-0.097
6361	63.60	-0.170	-0.216	-0.217	-0.172	-0.094	-0.004	0.082	0.153	0.208	0.249
6371	63.70	0.279	0.297	0.303	0.293	0.268	0.235	0.203	0.180	0.171	0.176
6381	63.80	0.190	0.207	0.225	0.243	0.266	0.296	0.332	0.369	0.399	0.413
6391	63.90	0.406	0.376	0.328	0.269	0.207	0.148	0.102	0.074	0.072	0.100
6401	64.00	0.158	0.237	0.321	0.392	0.433	0.433	0.395	0.327	0.242	0.149
6411	64.10	0.053	-0.043	-0.135	-0.210	-0.247	-0.222	-0.123	0.041	0.233	0.395
6421	64.20	0.472	0.428	0.266	0.025	-0.219	-0.396	-0.465	-0.425	-0.314	-0.193
6431	64.30	-0.112	-0.090	-0.112	-0.138	-0.132	-0.081	-0.009	0.039	0.018	-0.092
6441	64.40	-0.269	-0.456	-0.590	-0.626	-0.561	-0.431	-0.296	-0.206	-0.180	-0.195
6451	64.50	-0.206	-0.172	-0.082	0.037	0.129	0.142	0.059	-0.091	-0.241	-0.318
6461	64.60	-0.274	-0.117	0.095	0.279	0.364	0.324	0.186	0.013	-0.123	-0.183
6471	64.70	-0.169	-0.118	-0.076	-0.072	-0.098	-0.117	-0.088	0.008	0.153	0.207
6481	64.80	0.382	0.374	0.286	0.158	0.060	0.035	0.084	0.163	0.206	0.158
6491	64.90	0.004	-0.215	-0.423	-0.540	-0.517	-0.360	-0.125	0.109	0.274	0.337

Table 7—34—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	0.312	0.239	0.169	0.135	0.141	0.173	0.206	0.225	0.229	0.228
6511	65.10	0.238	0.264	0.304	0.347	0.382	0.402	0.404	0.390	0.357	0.302
6521	65.20	0.223	0.128	0.035	-0.032	-0.057	-0.041	-0.008	0.003	-0.043	-0.159
6531	65.30	-0.320	-0.475	-0.570	-0.572	-0.494	-0.386	-0.321	-0.348	-0.470	-0.639
6541	65.40	-0.772	-0.796	-0.680	-0.458	-0.209	-0.022	0.054	0.027	-0.038	-0.055
6551	65.50	0.031	0.216	0.437	0.596	0.620	0.491	0.267	0.048	-0.066	-0.026
6561	65.60	0.142	0.352	0.502	0.523	0.412	0.227	0.059	-0.019	0.013	0.117
6571	65.70	0.216	0.240	0.159	-0.001	-0.173	-0.285	-0.289	-0.187	-0.018	0.158
6581	65.80	0.294	0.370	0.394	0.388	0.366	0.330	0.268	0.170	0.040	-0.100
6591	65.90	-0.214	-0.274	-0.274	-0.231	-0.180	-0.155	-0.174	-0.228	-0.295	-0.347
6601	66.00	-0.368	-0.363	-0.346	-0.328	-0.311	-0.277	-0.209	-0.097	0.043	0.176
6611	66.10	0.258	0.261	0.187	0.072	-0.029	-0.069	-0.028	0.075	0.191	0.268
6621	66.20	0.276	0.209	0.104	0.001	-0.070	-0.104	-0.120	-0.144	-0.192	-0.255
6631	66.30	-0.303	-0.302	-0.236	-0.115	0.014	0.100	0.103	0.020	-0.115	-0.247
6641	66.40	-0.323	-0.318	-0.240	-0.126	-0.018	0.059	0.110	0.160	0.242	0.369
6651	66.50	0.524	0.663	0.733	0.699	0.564	0.366	0.166	0.023	-0.033	-0.009
6661	66.60	0.053	0.102	0.101	0.040	-0.061	-0.166	-0.243	-0.280	-0.287	-0.291
6671	66.70	-0.313	-0.362	-0.422	-0.464	-0.466	-0.413	-0.328	-0.241	-0.188	-0.185
6681	66.80	-0.226	-0.278	-0.306	-0.281	-0.204	-0.096	0.005	0.066	0.076	0.048
6691	66.90	0.014	0.007	0.044	0.116	0.198	0.256	0.270	0.242	0.196	0.167
6701	67.00	0.182	0.248	0.351	0.458	0.532	0.553	0.519	0.446	0.362	0.297
6711	67.10	0.267	0.276	0.317	0.372	0.425	0.458	0.458	0.415	0.326	0.197
6721	67.20	0.041	-0.123	-0.275	-0.398	-0.485	-0.537	-0.559	-0.558	-0.538	-0.502
6731	67.30	-0.455	-0.407	-0.373	-0.369	-0.403	-0.466	-0.534	-0.571	-0.545	-0.445
6741	67.40	-0.283	-0.097	0.068	0.176	0.216	0.201	0.124	0.135	0.129	0.138
6751	67.50	0.136	0.100	0.022	-0.082	-0.178	-0.230	-0.220	-0.155	-0.069	-0.004
6761	67.60	0.009	-0.036	-0.115	-0.189	-0.223	-0.200	-0.131	-0.050	0.008	0.016
6771	67.70	-0.028	-0.102	-0.174	-0.213	-0.206	-0.153	-0.074	0.009	0.077	0.122
6781	67.80	0.143	0.149	0.146	0.141	0.138	0.139	0.145	0.158	0.176	0.198
6791	67.90	0.220	0.239	0.252	0.257	0.254	0.236	0.198	0.131	0.030	-0.101
6801	68.00	-0.248	-0.386	-0.486	-0.527	-0.500	-0.415	-0.297	-0.178	-0.083	-0.026
6811	68.10	-0.001	0.008	0.019	0.046	0.089	0.135	0.172	0.187	0.182	0.149
6821	68.20	0.169	0.201	0.274	0.379	0.497	0.603	0.675	0.701	0.684	0.635
6831	68.30	0.567	0.487	0.399	0.298	0.187	0.072	-0.030	-0.097	-0.116	-0.086
6841	68.40	-0.023	0.044	0.088	0.098	0.082	0.070	0.096	0.178	0.311	0.458
6851	68.50	0.565	0.584	0.492	0.305	0.070	-0.151	-0.307	-0.376	-0.371	-0.329
6861	68.60	-0.290	-0.281	-0.300	-0.328	-0.339	-0.318	-0.273	-0.227	-0.206	-0.224
6871	68.70	-0.274	-0.228	-0.356	-0.334	-0.265	-0.174	-0.096	-0.063	-0.086	-0.154
6881	68.80	-0.240	-0.314	-0.358	-0.370	-0.360	-0.345	-0.309	-0.271	-0.271	-0.205
6891	68.90	-0.110	-0.001	0.093	0.148	0.150	0.103	0.034	-0.026	-0.049	-0.023
6901	69.00	0.044	0.129	0.206	0.255	0.275	0.279	0.289	0.322	0.384	0.461
6911	69.10	0.528	0.556	0.526	0.442	0.329	0.227	0.176	0.201	0.297	0.428
6921	69.20	0.542	0.586	0.531	0.381	0.177	-0.022	-0.160	-0.208	-0.188	-0.077
6931	69.30	0.015	0.066	0.060	0.006	-0.066	-0.122	-0.145	-0.141	-0.131	-0.141
6941	69.40	-0.187	-0.264	-0.353	-0.424	-0.459	-0.454	-0.425	-0.396	-0.386	-0.402
6951	69.50	-0.434	-0.462	-0.467	-0.438	-0.378	-0.301	-0.224	-0.160	-0.114	-0.085
6961	69.60	-0.070	-0.066	-0.070	-0.080	-0.090	-0.089	-0.066	-0.016	0.059	0.146
6971	69.70	0.221	0.267	0.271	0.238	0.182	0.120	0.066	0.023	-0.017	-0.066
6981	69.80	-0.128	-0.201	-0.266	-0.303	-0.295	-0.239	-0.151	-0.056	0.015	0.039
6991	69.90	0.011	-0.061	-0.154	-0.245	-0.314	-0.352	-0.363	-0.357	-0.348	-0.342

Table 7—34—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1181 S1401-GR-1-3 U-D (U-D) TONEGAWA ES. MAX. ACC. = 9.459 (GAL) T= 8.90 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	-0.342	-0.338	-0.317	-0.265	-0.172	-0.038	0.124	0.291	0.435	0.528
7011	70.10	0.555	0.514	0.423	0.307	0.198	0.116				

Table 7—35—1

TABLE OF CORRECTED ACCELERATION RECORD

NO. 1

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	0.0	-10.396	-10.617	-8.906	-5.501	-1.255	2.607	4.930	5.090	3.301
11	0.10	0.590	-1.566	-1.839	0.363	4.579	9.394	12.970	13.791	11.317	6.277
21	0.20	0.423	-4.136	-5.782	-4.031	0.297	5.466	9.582	11.430	10.930	9.088
31	0.30	7.416	7.110	8.396	10.352	11.312	9.685	4.803	-2.611	-10.593	-16.668
41	0.40	-18.849	-16.472	-10.480	-3.052	3.275	6.590	6.282	3.135	-1.149	-4.746
51	0.50	-6.435	-5.963	-3.911	-1.225	1.318	3.426	5.242	7.027	8.774	10.044
61	0.60	10.107	8.378	4.869	0.411	-3.531	-5.400	-4.239	-0.180	5.496	10.790
71	0.70	13.781	13.380	9.783	4.392	-0.757	-3.816	-3.862	-1.246	2.564	5.582
81	0.80	6.087	3.309	-2.257	-8.991	-14.697	-17.363	-15.883	-10.683	-2.727	4.930
91	0.90	9.909	10.359	5.811	-2.603	-12.465	-20.846	-25.278	-24.580	-19.218	-11.050
101	1.00	-2.563	4.106	7.937	9.277	9.459	9.988	11.675	14.148	15.976	15.375
111	1.10	11.170	3.535	-5.836	-14.270	-19.152	-18.979	-14.000	-6.127	1.831	7.281
121	1.20	8.813	6.629	2.275	-2.143	-4.886	-5.247	-3.681	-1.416	0.212	0.386
131	1.30	-0.897	-2.934	-4.724	-5.444	-4.770	-2.923	-0.496	1.834	3.524	4.270
141	1.40	3.973	2.686	0.581	-2.020	-4.616	-6.576	-7.304	-6.494	-4.356	-1.660
151	1.50	0.468	0.962	-0.597	-4.163	-8.234	-11.241	-11.666	-8.777	-2.976	4.276
161	1.60	10.952	15.188	15.943	13.355	8.631	3.565	-0.165	-1.488	-0.429	2.182
171	1.70	5.017	6.805	6.773	4.849	1.585	-2.122	-5.327	-7.547	-8.368	-7.891
181	1.80	-6.352	-4.041	-1.251	1.707	4.456	6.557	7.589	7.311	5.824	3.640
191	1.90	1.577	0.504	0.986	3.003	5.853	8.343	9.203	7.599	3.527	-2.081
201	2.00	-7.616	-11.342	-12.054	-9.566	-4.848	0.286	3.834	4.373	1.643	-3.294
211	2.10	-8.402	-11.421	-10.752	-6.139	1.122	8.561	13.391	13.534	8.451	-0.561
221	2.20	-10.736	-18.774	-22.005	-19.355	-11.741	-1.737	7.392	12.908	13.606	10.205
231	2.30	4.980	0.753	-0.315	2.342	7.439	12.377	14.347	11.567	4.112	-6.002
241	2.40	-15.534	-21.258	-21.211	-15.462	-6.079	3.680	10.628	12.842	10.329	4.919
251	2.50	-0.566	-3.483	-2.428	2.251	8.660	14.175	16.525	14.691	9.288	2.279
261	2.60	-3.820	-6.930	-6.188	-2.226	3.128	7.594	9.314	7.515	2.734	-3.452
271	2.70	-9.049	-12.353	-12.486	-9.574	-4.583	1.101	6.121	9.488	10.706	9.736
281	2.80	6.869	2.612	-2.365	-7.259	-11.195	-13.366	-13.258	-10.862	-6.772	-2.083
291	2.90	1.919	4.179	4.227	2.342	-0.574	-3.347	-4.961	-4.899	-3.249	-0.566
301	3.00	2.413	5.074	7.082	8.364	8.963	8.867	7.945	6.031	3.110	-0.503
311	3.10	-4.116	-6.811	-7.747	-6.512	-3.358	0.795	4.603	6.715	6.225	2.988
321	3.20	-2.294	-8.247	-13.204	-15.672	-14.758	-10.436	-3.595	4.161	10.919	14.968
331	3.30	15.302	11.951	6.032	-0.536	-5.595	-7.424	-5.317	0.149	7.275	13.786
341	3.40	17.586	17.450	13.397	6.624	-0.974	-7.491	-11.631	-13.042	-12.247	-10.263
351	3.50	-8.084	-6.285	-4.891	-3.536	-1.805	0.444	2.945	5.120	6.364	6.340
361	3.60	5.140	3.213	1.119	-0.772	-2.553	-4.235	-6.493	-9.344	-12.428	-14.930
371	3.70	-15.862	-14.492	-10.709	-5.167	0.901	6.104	9.378	10.324	9.255	6.953
381	3.80	4.274	1.801	-0.302	-2.175	-3.988	-5.673	-6.836	-6.912	-5.493	-2.651
391	3.90	0.936	4.155	5.887	5.517	3.291	0.320	-1.793	-1.602	1.544	7.115
401	4.00	13.466	18.368	19.800	16.744	9.648	0.385	-8.323	-13.809	-14.399	-10.034
411	4.10	-2.330	5.950	11.863	13.343	9.957	3.082	-4.597	-10.096	-11.273	-7.663
421	4.20	-0.686	6.883	11.981	12.445	7.863	-0.265	-9.106	-15.573	-17.519	-14.493
431	4.30	-7.865	-0.237	5.574	7.575	5.268	-0.277	-6.908	-12.218	-14.367	-12.629
441	4.40	-7.507	-0.461	6.732	12.359	15.418	15.730	13.891	11.000	8.257	6.563
451	4.50	6.119	6.532	6.784	5.720	2.538	-2.805	-9.444	-15.830	-20.275	-21.611
461	4.60	-19.729	-15.675	-11.291	-8.471	-8.340	-10.705	-14.039	-16.044	-14.584	-8.620
471	4.70	1.238	12.821	23.105	29.279	29.761	24.774	16.269	7.219	0.560	-1.820
481	4.80	0.312	5.539	11.381	15.229	15.270	11.082	3.695	-4.862	-12.334	-17.026
491	4.90	-18.309	-16.683	-13.395	-9.826	-6.909	-4.827	-3.124	-1.136	1.466	4.304

Table 7—35—2

TABLE OF CORRECTED ACCELERATION RECORD

NO. 2

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	6.303	6.108	2.737	-3.798	-12.223	-20.237	-25.198	-25.031	-18.996	-8.026
511	5.10	5.498	18.462	27.955	32.095	30.488	24.194	15.275	6.114	-1.245	-5.567
521	5.20	-6.599	-4.964	-1.866	1.293	3.287	3.364	1.406	-2.064	-6.048	-9.377
531	5.30	-11.088	-10.759	-8.676	-5.759	-3.237	-2.169	-2.992	-5.262	-7.733	-8.775
541	5.40	-6.993	-1.834	6.064	14.949	22.454	26.384	25.500	20.017	11.610	2.890
551	5.50	-3.471	-5.664	-3.377	2.114	8.431	12.990	13.971	10.981	5.158	-1.320
561	5.60	-6.129	-7.739	-6.012	-2.245	1.386	2.711	0.456	-5.243	-12.880	-20.150
571	5.70	-24.795	-25.421	-21.944	-15.567	-8.292	-2.206	1.211	1.513	-0.645	-3.797
581	5.80	-6.183	-6.325	-3.487	2.084	9.196	16.036	20.677	21.667	18.511	11.903
591	5.90	3.595	-4.098	-9.009	-9.833	-6.577	-0.571	5.988	10.795	12.227	9.858
601	6.00	4.522	-2.090	-8.104	-12.127	-13.641	-12.996	-11.064	-8.747	-6.591	-4.654
611	6.10	-2.671	-0.366	2.258	4.824	6.731	7.455	6.841	5.235	3.353	2.019
621	6.20	1.712	2.427	3.623	4.459	4.160	2.354	-0.744	-4.384	-7.529	-9.204
631	6.30	-8.830	-6.422	-2.616	1.492	4.643	5.769	4.326	0.508	-4.726	-9.850
641	6.40	-13.177	-13.373	-9.931	-3.430	4.541	11.814	16.314	16.748	13.073	6.544
651	6.50	-0.682	-6.261	-8.453	-6.698	-1.773	4.502	9.900	12.527	11.405	6.727
661	6.60	-0.284	-7.816	-14.040	-17.624	-18.055	-15.677	-11.497	-6.813	-2.817	-0.254
671	6.70	0.746	0.623	0.165	0.166	1.090	2.878	4.960	6.505	6.792	5.570
681	6.80	3.237	0.737	-0.784	-0.450	1.958	5.871	10.114	13.350	14.582	13.516
691	6.90	10.627	6.921	3.508	1.186	0.202	0.282	0.860	1.392	1.570	1.368
701	7.00	0.928	0.375	-0.302	-1.238	-2.561	-4.222	-5.928	-7.210	-7.634	-7.042
711	7.10	-5.692	-4.202	-3.313	-3.559	-4.992	-7.105	-8.984	-9.636	-8.362	-5.025
721	7.20	-0.110	5.425	10.434	13.895	15.145	13.983	10.651	5.744	0.043	-5.404
731	7.30	-9.816	-12.417	-12.790	-10.961	-7.451	-3.200	0.659	3.113	3.595	2.196
741	7.40	-0.328	-2.775	-3.888	-2.791	0.679	5.866	11.471	15.940	17.954	16.849
751	7.50	12.811	6.803	0.240	-5.466	-9.316	-10.968	-10.730	-9.340	-7.626	-6.207
761	7.60	-5.327	-4.873	-4.537	-4.023	-3.189	-2.082	-0.859	0.333	1.434	2.466
771	7.70	3.438	4.247	4.633	4.251	2.851	0.354	-2.851	-6.177	-8.938	-10.643
781	7.80	-11.185	-10.876	-10.261	-9.828	-9.719	-9.809	-8.868	-6.676	-2.788	2.581
791	7.90	8.553	13.877	17.365	18.325	16.817	13.624	9.951	6.980	5.465	5.512
801	8.00	6.629	7.986	8.780	8.534	7.243	5.305	3.307	1.754	0.868	0.511
811	8.10	0.270	-0.361	-1.762	-4.021	-6.884	-9.818	-12.190	-13.470	-13.422	-12.187
821	8.20	-10.247	-8.271	-6.878	-6.418	-6.833	-7.667	-8.228	-7.854	-6.184	-3.333
831	8.30	0.116	3.299	5.394	5.945	5.066	3.438	2.076	1.965	3.679	7.148
841	8.40	11.655	16.074	19.258	20.429	19.419	16.689	13.109	9.604	6.813	4.885
851	8.50	3.697	2.057	0.020	-2.848	-6.341	-9.879	-12.741	-14.349	-14.491	-13.601
861	8.60	-11.657	-9.952	-8.833	-8.509	-8.797	-9.215	-9.179	-8.214	-6.115	-2.987
871	8.70	0.816	4.820	8.578	11.754	14.143	15.629	16.108	15.450	13.508	10.191
881	8.80	5.578	0.008	-5.899	-11.319	-15.398	-17.481	-17.312	-15.137	-11.663	-7.863
891	8.90	-4.699	-2.820	-2.372	-2.953	-3.768	-5.898	-2.628	0.300	4.581	9.423
901	9.00	13.778	16.648	17.369	15.790	12.303	7.722	3.066	-0.706	-2.919	-3.336
911	9.10	-2.192	-0.122	2.005	3.320	3.185	1.385	-1.793	-5.617	-9.095	-11.266
921	9.20	-11.491	-9.665	-6.268	-2.237	1.329	3.505	3.844	2.507	0.209	-2.033
931	9.30	-3.212	-2.673	-0.294	3.484	7.804	11.650	14.120	14.653	13.133	9.878
941	9.40	5.534	0.894	-3.278	-6.412	-8.238	-8.813	-8.484	-7.764	-7.175	-7.077
951	9.50	-7.545	-8.333	-8.954	-8.850	-7.608	-5.138	-1.759	1.864	4.909	6.651
961	9.60	6.705	5.157	2.549	-0.285	-2.479	-3.399	-2.821	-0.985	1.502	3.892
971	9.70	5.487	5.892	5.095	3.458	1.585	0.134	-0.386	0.237	1.853	3.999
981	9.80	6.033	7.313	7.378	6.070	3.577	0.366	-2.910	-5.735	-7.583	-8.317
991	9.90	-8.060	-7.168	-6.108	-5.319	-5.087	-5.463	-6.270	-7.166	-7.775	-7.820

Table 7--35--3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-7.226	-6.166	-4.897	-3.822	-3.126	-2.770	-2.458	-1.763	-0.320	1.954
1011	10.10	4.748	7.493	9.125	9.291	7.733	4.851	1.511	-1.268	-2.702	-2.547
1021	10.20	-1.183	0.574	1.855	2.151	1.565	0.776	0.725	2.152	5.188	9.203
1031	10.30	12.999	15.261	15.108	12.483	8.218	3.737	0.510	-0.510	0.758	3.521
1041	10.40	6.456	8.239	8.043	5.814	2.218	-1.678	-4.844	-6.648	-7.002	-6.276
1051	10.50	-5.039	-3.787	-2.772	-2.010	-1.421	-1.012	-0.970	-1.623	-3.251	-5.869
1061	10.60	-9.089	-12.165	-14.117	-14.260	-12.302	-8.594	-4.016	0.315	3.426	4.814
1071	10.70	4.580	3.320	1.850	0.871	0.724	1.336	2.346	3.335	4.041	4.446
1081	10.80	4.706	4.929	5.251	5.276	4.681	3.176	0.791	-2.019	-4.463	-5.689
1091	10.90	-5.141	-2.829	0.596	4.044	6.361	6.752	5.067	1.838	-1.938	-5.183
1101	11.00	-7.116	-7.487	-6.578	-5.010	-3.445	-2.334	-1.789	-1.621	-1.496	-1.111
1111	11.10	-0.318	0.851	2.243	3.677	5.011	6.160	7.068	7.666	7.856	7.543
1121	11.20	6.684	5.344	3.708	2.046	0.647	-0.286	-0.667	-0.553	-0.106	0.456
1131	11.30	0.913	1.075	0.803	0.023	-1.258	-2.934	-4.800	-6.576	-7.969	-8.758
1141	11.40	-8.861	-8.371	-7.517	-6.581	-5.775	-5.161	-4.621	-3.912	-2.774	-1.064
1151	11.50	1.177	3.693	6.083	7.916	8.863	8.270	7.800	6.207	4.460	3.035
1161	11.60	2.311	2.473	3.443	4.867	6.182	6.748	6.044	3.853	0.398	-3.653
1171	11.70	-7.330	-9.638	-9.883	-7.934	-4.323	-0.124	3.369	5.055	4.391	1.565
1181	11.80	-2.580	-6.851	-10.128	-11.736	-11.628	-10.329	-8.662	-7.383	-6.887	-7.083
1191	11.90	-7.491	-7.491	-6.614	-4.742	-2.131	0.722	3.307	5.308	6.693	7.662
1201	12.00	8.491	9.353	10.216	10.858	10.983	10.386	9.066	7.251	5.303	3.574
1211	12.10	2.264	1.364	0.688	0.317	-0.943	-2.130	-3.500	-4.717	-5.686	-6.238
1221	12.20	-6.372	-6.188	-5.832	-5.424	-5.011	-4.553	-3.944	-3.053	-1.774	-0.065
1231	12.30	2.016	4.293	6.405	8.244	9.227	9.195	8.099	6.129	3.695	1.327
1241	12.40	-0.469	-1.357	-1.273	-0.430	0.763	1.847	2.465	2.462	1.914	1.063
1251	12.50	0.209	-0.411	-0.701	-0.737	-0.722	-0.913	-1.525	-2.650	-4.217	-5.993
1261	12.60	-7.638	-8.796	-9.193	-8.726	-7.501	-5.801	-4.004	-2.454	-1.355	-0.717
1271	12.70	-0.385	-0.134	0.209	0.674	1.142	1.415	1.367	0.957	0.473	0.259
1281	12.80	0.674	1.090	3.782	5.960	7.830	8.871	8.788	7.622	5.717	3.575
1291	12.90	1.659	0.242	-0.655	-1.194	-1.592	-1.988	-2.374	-2.624	-2.594	-2.240
1301	13.00	-1.673	-1.131	-0.866	-1.009	-1.471	-1.951	-2.050	-1.449	-0.066	1.871
1311	13.10	3.880	5.401	6.009	5.585	4.371	2.681	1.711	1.316	1.855	3.150
1321	13.20	4.778	6.242	7.149	7.325	6.821	5.834	4.587	3.232	1.827	0.383
1331	13.30	-1.049	-2.317	-3.166	-3.311	-2.589	-1.051	0.978	2.963	4.315	4.578
1341	13.40	3.586	1.522	-1.144	-3.815	-5.963	-7.294	-7.826	-7.861	-7.864	-8.306
1351	13.50	-9.501	-11.507	-14.095	-16.793	-19.003	-20.141	-19.785	-17.784	-14.305	-9.799
1361	13.60	-4.895	-0.250	3.606	6.373	8.014	8.705	8.737	8.408	7.963	7.482
1371	13.70	7.101	6.857	6.803	6.980	7.365	7.836	8.168	8.095	7.407	6.050
1381	13.80	4.182	2.133	0.309	-0.955	-1.496	-1.364	-0.764	0.050	0.879	1.628
1391	13.90	2.285	2.848	3.244	3.322	2.897	1.857	0.308	-1.495	-3.111	-4.114
1401	14.00	-4.247	-3.530	-2.251	-0.852	0.253	0.837	0.925	0.753	0.634	0.799
1411	14.10	1.305	2.018	2.697	3.110	3.124	2.737	2.040	1.143	0.107	-1.077
1421	14.20	-2.448	-4.027	-5.763	-7.519	-9.109	-10.338	-11.048	-11.123	-10.485	-9.075
1431	14.30	-6.873	-3.935	-0.449	3.244	6.691	9.436	11.169	11.865	11.717	11.261
1441	14.40	10.897	10.979	11.463	12.005	12.087	11.248	9.295	6.408	3.082	-0.066
1451	14.50	-2.539	-4.141	-5.026	-5.591	-6.274	-7.347	-8.793	-10.334	-11.566	-12.152
1461	14.60	-11.975	-11.183	-10.116	-9.149	-8.532	-8.288	-8.212	-7.971	-7.240	-5.838
1471	14.70	-3.796	-1.341	1.176	3.386	5.020	5.956	6.241	6.056	5.660	5.309
1481	14.80	5.188	5.366	5.771	6.221	6.473	6.309	5.610	4.407	2.891	1.356
1491	14.90	0.118	-0.581	-0.646	-0.155	0.675	1.548	2.180	2.361	2.006	1.161

Table 7—35—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-0.012	-1.265	-2.311	-2.869	-2.733	-1.824	-0.243	1.721	3.637	5.026
1511	15.10	5.493	4.866	3.259	1.060	-1.175	-2.893	-3.721	-3.579	-2.694	-1.510
1521	15.20	-0.515	-0.070	-0.284	-0.992	-1.830	-2.379	-2.311	-1.504	-0.062	1.728
1531	15.30	3.500	4.917	5.754	5.933	5.512	4.642	3.516	2.322	1.209	0.267
1541	15.40	-0.481	-1.083	-1.661	-2.281	-3.104	-4.143	-5.320	-6.448	-7.272	-7.548
1551	15.50	-7.098	-5.953	-4.299	-2.475	-0.869	0.198	0.567	0.286	-0.516	-1.515
1561	15.60	-1.798	-1.961	-1.659	-0.995	-0.159	0.648	1.284	1.694	1.899	1.963
1571	15.70	1.942	1.863	1.722	1.498	1.189	0.819	0.436	0.093	-0.185	-0.414
1581	15.80	-0.646	-0.946	-1.357	-1.869	-2.415	-2.888	-3.179	-3.213	-2.974	-2.505
1591	15.90	-1.888	-1.209	-0.533	0.115	0.742	1.368	2.007	2.652	3.280	3.857
1601	16.00	4.358	4.770	5.088	5.297	5.351	5.167	4.636	3.652	2.169	0.239
1611	16.10	-1.959	-4.136	-5.952	-7.100	-7.405	-6.891	-5.793	-4.502	-3.653	-2.984
1621	16.20	-3.217	-4.002	-4.949	-5.549	-5.343	-4.079	-1.819	1.071	4.025	6.450
1631	16.30	7.907	8.241	7.601	6.369	5.005	3.887	3.195	2.882	2.739	2.516
1641	16.40	2.050	1.348	0.578	0.000	-0.162	0.172	0.889	1.710	2.293	2.370
1651	16.50	1.852	0.873	-0.252	-1.148	-1.523	-1.277	-0.549	0.344	1.024	1.196
1661	16.60	0.762	-0.148	-1.233	-2.138	-2.590	-2.494	-1.949	-1.191	-0.485	-0.014
1671	16.70	0.181	0.195	0.192	0.310	0.590	0.957	1.261	1.358	1.192	0.833
1681	16.80	0.462	0.295	0.434	1.095	1.983	2.922	3.654	3.935	3.651	2.813
1691	16.90	1.553	0.072	-1.399	-2.664	-3.533	-3.949	-3.899	-3.469	-2.823	-2.172
1701	17.00	-1.717	-1.585	-1.778	-2.162	-2.501	-2.550	-2.150	-1.309	-0.220	0.798
1711	17.10	1.408	1.380	0.684	-0.500	-1.836	-2.951	-3.555	-3.532	-2.950	-2.023
1721	17.20	-1.024	-0.195	0.310	0.442	0.244	-0.182	-0.705	-1.187	-1.509	-1.586
1731	17.30	-1.404	-1.031	-0.619	-0.363	-0.430	-0.873	-1.583	-2.290	-2.651	-2.379
1741	17.40	-1.327	0.191	1.929	3.340	4.007	3.763	2.759	1.409	0.227	-0.384
1751	17.50	-0.288	0.322	1.049	1.427	1.274	0.471	-0.822	-1.529	-1.793	-1.175
1761	17.60	0.261	2.170	4.061	5.484	6.174	6.130	5.567	4.810	4.153	3.756
1771	17.70	3.612	3.581	3.470	3.128	2.501	1.648	0.714	-0.129	-0.737	-1.034
1781	17.80	-1.035	-0.829	-0.559	-0.374	-0.391	-0.661	-1.157	-1.776	-2.377	-2.818
1791	17.90	-2.998	-2.881	-2.693	-1.894	-1.150	-0.304	0.614	1.566	2.469	3.179
1801	18.00	3.505	3.268	2.327	0.893	-0.956	-2.818	-4.325	-5.208	-5.391	-5.011
1811	18.10	-4.357	-3.756	-3.439	-3.460	-3.682	-3.868	-3.700	-3.091	-2.056	-0.802
1821	18.20	0.365	1.151	1.377	1.031	0.267	-0.455	-1.453	-1.908	-1.909	-1.475
1831	18.30	-0.726	0.162	1.012	1.695	2.158	2.427	2.587	2.746	2.986	3.334
1841	18.40	3.751	4.154	4.452	4.594	4.593	4.515	4.443	4.425	4.436	4.377
1851	18.50	4.119	3.572	2.747	1.772	0.857	0.198	-0.114	-0.163	-0.194	-0.527
1861	18.60	-1.424	-2.967	-4.999	-7.154	-8.973	-10.055	-10.192	-9.422	-8.001	-6.303
1871	18.70	-4.693	-3.423	-2.589	-2.138	-1.932	-1.805	-1.623	-1.303	-0.818	-0.193
1881	18.80	0.508	1.185	1.716	1.987	1.921	1.509	0.819	-0.022	-0.874	-1.637
1891	18.90	-2.278	-2.829	-3.338	-3.819	-4.202	-4.344	-4.079	-3.299	-2.027	-0.438
1901	19.00	1.181	2.555	3.422	3.815	3.859	3.809	3.914	4.318	5.007	5.834
1911	19.10	6.602	7.163	7.486	7.664	7.857	8.200	8.715	9.280	9.661	9.592
1921	19.20	8.883	7.495	5.561	3.349	1.177	-0.684	-2.083	-3.017	-3.608	-4.043
1931	19.30	-4.503	-5.100	-5.854	-6.692	-7.490	-8.114	-8.458	-8.467	-8.129	-7.460
1941	19.40	-6.480	-5.209	-3.678	-1.953	-0.159	1.518	2.860	3.674	3.856	3.439
1951	19.50	2.590	1.559	0.588	-0.176	-0.729	-1.200	-1.775	-2.593	-3.667	-4.858
1961	19.60	-5.919	-6.596	-6.727	-6.309	-5.685	-4.866	-3.933	-2.450	-1.452	-0.294
1971	19.70	1.150	2.897	4.815	6.661	8.166	9.144	9.560	9.529	9.247	8.698
1981	19.80	8.559	8.176	7.592	6.832	5.197	3.321	1.176	-0.976	-2.859	-4.260
1991	19.90	-3.079	-5.331	-5.132	-4.649	-4.063	-3.525	-3.131	-2.905	-2.795	-2.694

Table 7—35—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-2.474	-2.036	-1.355	-0.503	0.367	1.072	1.471	1.521	1.297	0.943
2011	20.10	0.704	0.644	0.800	1.076	1.316	1.379	1.201	0.824	0.366	-0.037
2021	20.20	-0.302	-0.635	-0.520	-0.680	-1.004	-1.507	-2.113	-2.684	-3.073	-3.171
2031	20.30	-2.940	-2.415	-1.685	-0.860	-0.054	0.643	1.163	1.478	1.603	1.600
2041	20.40	1.569	1.625	1.856	2.280	2.828	3.368	3.652	3.575	3.036	2.066
2051	20.50	0.797	-0.583	-1.895	-3.018	-3.905	-4.573	-5.054	-5.365	-5.681	-5.344
2061	20.60	-4.901	-4.135	-3.096	-1.897	-0.690	0.379	1.208	1.762	2.072	2.208
2071	20.70	2.244	2.228	2.163	2.008	1.706	1.208	0.509	-0.333	-1.207	-1.966
2081	20.80	-2.468	-2.620	-2.404	-1.890	-1.212	-0.535	-0.008	0.272	0.281	0.063
2091	20.90	-0.295	-0.687	-1.021	-1.230	-1.277	-1.154	-0.876	-0.473	0.010	0.526
2101	21.00	1.036	1.526	2.014	2.546	3.182	3.956	4.858	5.806	6.665	7.271
2111	21.10	7.481	7.214	6.476	5.352	3.977	2.498	1.034	-0.336	-1.578	-2.681
2121	21.20	-3.638	-4.431	-5.026	-5.376	-5.434	-5.161	-4.535	-3.561	-2.283	-0.797
2131	21.30	0.748	2.164	3.258	3.885	3.998	3.679	3.123	2.588	2.298	2.358
2141	21.40	2.695	3.069	3.142	2.599	1.268	-0.801	-3.077	-5.923	-8.132	-9.658
2151	21.50	-10.416	-10.540	-10.319	-10.059	-9.953	-9.994	-9.974	-9.564	-8.448	-6.458
2161	21.60	-3.657	-0.341	3.051	6.064	8.371	9.851	10.603	10.871	10.936	10.996
2171	21.70	11.096	11.132	10.911	10.252	9.079	7.473	5.656	3.926	2.553	1.695
2181	21.80	1.349	1.358	1.478	1.463	1.152	0.519	-0.329	-1.199	-1.891	-2.268
2191	21.90	-2.369	-2.111	-1.849	-1.713	-1.836	-2.250	-2.877	-3.561	-4.126	-4.439
2201	22.00	-4.654	-4.228	-3.893	-3.614	-3.532	-3.719	-4.167	-4.788	-5.450	-6.018
2211	22.10	-6.384	-6.501	-6.386	-6.109	-5.776	-5.489	-5.321	-5.282	-5.317	-5.309
2221	22.20	-5.109	-4.581	-3.661	-2.284	-0.594	1.284	3.182	4.968	6.481	7.730
2231	22.30	8.681	9.331	9.667	9.663	9.299	8.584	7.580	6.396	5.166	3.995
2241	22.40	2.941	1.980	1.037	0.032	-1.072	-2.232	-3.336	-4.241	-4.844	-5.125
2251	22.50	-5.166	-5.113	-5.105	-5.203	-5.345	-5.365	-5.061	-4.292	-3.056	-1.512
2261	22.60	0.052	1.334	2.126	2.400	2.318	2.172	2.266	2.795	3.779	5.065
2271	22.70	6.301	7.243	7.653	7.462	6.748	5.682	4.452	3.332	2.097	1.094
2281	22.80	0.237	-0.458	-0.971	-1.293	-1.455	-1.540	-1.657	-1.907	-2.324	-2.846
2291	22.90	-3.314	-3.526	-3.309	-2.598	-1.472	-0.140	1.121	2.057	2.520	2.511
2301	23.00	2.170	1.724	1.401	1.357	1.624	2.110	2.626	2.949	2.890	2.347
2311	23.10	1.337	-0.012	-1.489	-2.862	-3.940	-4.621	-4.919	-4.949	-4.877	-4.859
2321	23.20	-4.978	-5.210	-5.436	-5.492	-5.231	-4.595	-3.662	-2.560	-1.511	-0.759
2331	23.30	-0.399	-0.417	-0.475	-0.949	-0.997	-0.840	0.119	1.436	2.900	4.328
2341	23.40	5.464	6.123	6.243	5.894	5.254	4.534	3.908	3.442	3.077	2.661
2351	23.50	2.026	1.078	-0.141	-1.443	-2.550	-3.199	-3.245	-2.721	-1.831	-0.863
2361	23.60	-0.076	0.410	0.656	0.867	1.292	2.102	3.299	4.703	6.013	6.919
2371	23.70	7.215	6.867	6.007	4.869	3.684	2.604	1.664	0.802	-0.083	-1.070
2381	23.80	-2.175	-3.358	-4.547	-5.680	-6.721	-7.658	-8.473	-9.116	-9.497	-9.515
2391	23.90	-9.102	-8.271	-7.134	-5.878	-4.707	-3.766	-3.085	-2.576	-2.070	-1.396
2401	24.00	-0.464	0.694	1.936	3.063	3.910	4.416	4.666	4.762	4.952	5.339
2411	24.10	5.928	6.592	7.125	7.314	7.030	6.271	5.169	3.940	2.815	1.968
2421	24.20	1.473	1.297	1.327	1.415	1.421	1.242	0.832	0.203	-0.584	-1.425
2431	24.30	-2.190	-2.746	-2.988	-2.874	-2.446	-1.838	-1.238	-0.841	-0.777	-1.071
2441	24.40	-1.625	-2.261	-2.783	-3.067	-3.106	-3.014	-2.979	-3.171	-3.657	-4.358
2451	24.50	-5.062	-5.503	-5.466	-4.867	-3.816	-2.556	-1.385	-0.541	-0.118	-0.035
2461	24.60	-0.088	-0.039	0.279	0.902	1.723	2.552	3.202	3.561	3.636	3.527
2471	24.70	3.375	3.286	3.291	3.336	3.319	3.144	2.769	2.218	1.565	0.891
2481	24.80	0.243	-0.383	-1.033	-1.759	-2.578	-3.451	-4.281	-4.944	-5.328	-5.368
2491	24.90	-5.069	-4.500	-3.776	-3.026	-2.369	-1.886	-1.612	-1.531	-1.581	-1.662

Table 7—35—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-1.660	-1.479	-1.062	-0.421	0.361	1.147	1.784	2.146	2.174	1.901
2511	25.10	1.446	0.983	0.695	0.727	1.137	1.886	2.839	3.805	4.589	5.048
2521	25.20	5.140	4.938	4.606	4.348	4.326	4.601	5.095	5.616	5.916	5.786
2531	25.30	5.128	3.994	2.543	1.073	0.261	-1.314	-2.069	-2.585	-2.939	-3.165
2541	25.40	-3.234	-3.072	-2.619	-1.878	-0.950	-0.014	0.735	1.155	1.214	0.997
2551	25.50	0.675	0.435	0.415	0.666	1.145	1.747	2.364	2.821	3.092	3.108
2561	25.60	2.868	2.329	1.606	0.774	-0.046	-0.736	-1.225	-1.525	-1.741	-2.030
2571	25.70	-2.549	-3.376	-4.462	-5.635	-6.649	-7.267	-7.352	-6.911	-6.087	-5.106
2581	25.80	-4.189	-3.475	-2.990	-2.655	-2.333	-1.900	-1.280	-0.475	0.463	1.456
2591	25.90	2.431	3.342	4.157	4.846	5.371	5.676	5.707	5.433	4.863	4.051
2601	26.00	3.086	2.067	1.077	0.169	-0.635	-1.333	-1.924	-2.401	-2.747	-2.943
2611	26.10	-2.989	-2.901	-2.717	-2.477	-2.207	-1.905	-1.541	-1.081	-0.505	0.158
2621	26.20	0.829	1.390	1.719	1.735	1.432	0.892	0.266	-0.272	-0.579	-0.591
2631	26.30	-0.340	0.051	0.412	0.580	0.449	0.004	-0.675	-1.431	-2.082	-2.465
2641	26.40	-2.489	-2.164	-1.599	-0.978	-0.510	-0.367	-0.628	-1.247	-2.057	-2.810
2651	26.50	-3.248	-3.178	-2.528	-1.370	0.106	1.648	3.019	4.056	4.705	5.015
2661	26.60	5.096	5.068	5.016	4.961	4.868	4.673	4.314	3.763	3.035	2.179
2671	26.70	1.262	0.343	-0.545	-1.389	-2.189	-2.934	-3.587	-4.078	-4.320	-4.236
2681	26.80	-3.798	-3.053	-2.129	-1.215	-0.514	-0.184	-0.294	-0.800	-1.561	-2.583
2691	26.90	-3.083	-3.533	-3.687	-3.575	-3.266	-2.828	-2.297	-1.669	-0.916	-0.012
2701	27.00	1.043	2.212	3.428	4.614	5.699	6.631	7.380	7.926	8.260	8.380
2711	27.10	8.293	8.020	7.593	7.044	6.389	5.626	4.731	3.682	2.478	1.158
2721	27.20	-0.205	-1.520	-2.713	-3.752	-4.650	-5.440	-6.146	-6.744	-7.158	-7.288
2731	27.30	-7.058	-6.472	-5.639	-4.748	-4.013	-3.586	-3.501	-3.654	-3.846	-3.863
2741	27.40	-3.569	-2.958	-2.158	-1.380	-0.826	-0.618	-0.747	-1.087	-1.443	-1.624
2751	27.50	-1.503	-1.048	-0.321	0.555	1.431	2.167	2.654	2.819	2.681	2.144
2761	27.60	1.410	0.564	-0.240	-0.853	-1.167	-1.166	-0.836	-0.351	0.164	0.572
2771	27.70	0.782	0.770	0.568	0.251	-0.093	-0.384	-0.563	-0.595	-0.474	-0.215
2781	27.80	0.140	0.532	0.890	1.148	1.269	1.259	1.172	1.099	1.134	1.345
2791	27.90	1.740	2.262	2.802	3.235	3.461	3.441	3.202	2.831	2.431	2.087
2801	28.00	1.836	1.656	1.488	1.261	0.933	0.506	0.030	-0.422	-0.784	-1.024
2811	28.10	-1.153	-1.215	-1.260	-1.307	-1.336	-1.286	-1.093	-0.723	-0.208	0.349
2821	28.20	0.802	1.014	0.912	0.524	-0.023	-0.547	-0.880	-0.941	-0.746	-0.508
2831	28.30	-0.371	-0.531	-1.063	-1.901	-2.858	-3.693	-4.191	-4.244	-3.881	-3.250
2841	28.40	-2.557	-1.993	-1.665	-1.575	-1.630	-1.695	-1.640	-1.393	-0.957	-0.401
2851	28.50	0.169	0.640	0.926	0.988	0.840	0.542	0.196	-0.083	-0.185	-0.033
2861	28.60	0.391	1.047	1.839	2.645	3.359	3.917	4.321	4.623	4.894	5.190
2871	28.70	5.512	5.808	5.987	5.961	5.679	5.166	4.424	3.594	2.724	1.861
2881	28.80	0.932	-0.035	-1.072	-2.141	-3.148	-3.965	-4.481	-4.644	-4.496	-4.161
2891	28.90	-3.809	-3.587	-3.572	-3.735	-3.961	-4.091	-3.992	-3.607	-2.983	-2.253
2901	29.00	-1.579	-1.093	-0.844	-0.773	-0.745	-0.597	-0.204	0.468	1.343	2.264
2911	29.10	3.041	3.516	3.612	3.353	2.838	2.202	1.566	0.996	0.503	0.056
2921	29.20	-0.383	-0.832	-1.275	-1.676	-2.003	-2.245	-2.427	-2.586	-2.769	-2.905
2931	29.30	-2.997	-2.941	-2.667	-2.159	-1.474	-0.736	-0.085	0.377	0.630	0.748
2941	29.40	0.845	1.108	1.530	2.082	2.616	2.953	2.961	2.620	2.045	1.449
2951	29.50	1.066	1.054	1.435	2.086	2.784	3.294	3.449	3.207	2.668	1.929
2961	29.60	1.216	0.622	0.181	-0.147	-0.433	-0.735	-1.074	-1.430	-1.781	-2.038
2971	29.70	-2.255	-2.437	-2.610	-2.786	-2.942	-3.029	-2.993	-2.803	-2.472	-2.071
2981	29.80	-1.662	-1.305	-1.011	-0.733	-0.392	0.085	0.724	1.479	2.246	2.894
2991	29.90	3.320	3.491	3.456	3.322	3.211	3.198	3.279	3.364	3.310	2.982

Table 7—35—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	2.306	1.314	0.139	-1.017	-1.948	-2.499	-2.619	-2.365	-1.882	-1.354
3011	30.10	-0.947	-0.763	-0.824	-1.074	-1.409	-1.723	-1.933	-2.010	-1.971	-1.867
3021	30.20	-1.753	-1.670	-1.623	-1.593	-1.567	-1.456	-1.318	-1.151	-0.993	-0.877
3031	30.30	-0.814	-0.786	-0.751	-0.657	-0.473	-0.200	0.117	0.409	0.603	0.651
3041	30.40	0.569	0.340	0.095	-0.111	-0.227	-0.241	-0.173	-0.065	0.048	0.158
3051	30.50	0.280	0.453	0.710	1.065	1.497	1.956	2.377	2.705	2.912	3.002
3061	30.60	3.001	2.947	2.866	2.766	2.637	2.460	2.221	1.919	1.565	1.176
3071	30.70	0.762	0.314	-0.189	-0.774	-1.453	-2.213	-3.008	-3.768	-4.421	-4.911
3081	30.80	-5.219	-5.360	-5.380	-5.332	-5.251	-5.148	-5.002	-4.774	-4.428	-3.944
3091	30.90	-3.333	-2.632	-1.892	-1.160	-0.469	0.172	0.774	1.355	1.929	2.496
3101	31.00	3.039	3.526	3.928	4.225	4.414	4.509	4.538	4.523	4.481	4.410
3111	31.10	4.293	4.111	3.844	3.487	3.052	2.563	2.052	1.550	1.084	0.668
3121	31.20	0.310	0.010	-0.236	-0.436	-0.602	-0.746	-0.874	-0.981	-1.048	-1.045
3131	31.30	-0.950	-0.716	-0.385	0.002	0.384	0.615	0.685	0.554	0.262	-0.103
3141	31.40	-0.428	-0.616	-0.618	-0.450	-0.184	0.073	0.223	0.202	0.003	-0.320
3151	31.50	-0.672	-0.942	-1.028	-0.866	-0.449	0.170	0.882	1.544	2.014	2.186
3161	31.60	2.023	1.576	0.970	0.365	-0.091	-0.318	-0.330	-0.225	-0.147	-0.227
3171	31.70	-0.533	-1.043	-1.655	-2.233	-2.654	-2.851	-2.828	-2.642	-2.375	-2.092
3181	31.80	-1.834	-1.609	-1.414	-1.250	-1.124	-1.045	-1.004	-0.970	-0.890	-0.714
3191	31.90	-0.419	-0.027	0.394	0.760	1.002	1.103	1.101	1.072	1.094	1.201
3201	32.00	1.368	1.515	1.546	1.388	1.034	0.542	0.019	-0.422	-0.762	-0.600
3211	32.10	-0.751	-0.622	-0.486	-0.392	-0.358	-0.374	-0.418	-0.466	-0.501	-0.512
3221	32.20	-0.491	-0.433	-0.334	-0.202	-0.050	0.101	0.233	0.342	0.430	0.508
3231	32.30	0.571	0.597	0.539	0.344	-0.024	-0.558	-1.196	-1.830	-2.338	-2.627
3241	32.40	-2.663	-2.482	-2.179	-1.866	-1.630	-1.506	-1.468	-1.446	-1.363	-1.168
3251	32.50	-0.856	-0.469	-0.080	0.239	0.437	0.501	0.459	0.370	0.308	0.342
3261	32.60	0.518	0.850	1.311	1.839	2.350	2.760	3.010	3.083	3.013	2.865
3271	32.70	2.719	2.632	2.622	2.665	2.711	2.713	2.654	2.555	2.463	2.424
3281	32.80	2.452	2.508	2.512	2.368	2.007	1.420	0.668	-0.135	-0.866	-1.431
3291	32.90	-1.796	-1.987	-2.066	-2.092	-2.098	-2.074	-1.985	-1.801	-1.522	-1.190
3301	33.00	-0.881	-0.675	-0.620	-0.719	-0.921	-1.153	-1.344	-1.456	-1.488	-1.471
3311	33.10	-1.438	-1.407	-1.365	-1.279	-1.114	-0.857	-0.525	-0.164	0.169	0.432
3321	33.20	0.613	0.726	0.804	0.873	0.937	0.977	0.960	0.861	0.680	0.444
3331	33.30	0.204	0.026	-0.123	-0.184	-0.205	-0.220	-0.245	-0.275	-0.280	-0.227
3341	33.40	-0.101	0.081	0.269	0.403	0.432	0.340	0.145	-0.107	-0.375	-0.538
3351	33.50	-0.908	-1.214	-1.581	-2.001	-2.421	-2.762	-2.944	-2.930	-2.744	-2.473
3361	33.60	-2.231	-2.111	-2.144	-2.283	-2.415	-2.410	-2.173	-1.680	-0.988	-0.208
3371	33.70	0.543	1.185	1.698	2.121	2.518	2.945	3.414	3.897	4.334	4.663
3381	33.80	4.846	4.878	4.779	4.576	4.290	3.930	3.497	3.000	2.469	1.948
3391	33.90	1.484	1.111	0.826	0.594	0.356	0.058	-0.330	-0.793	-1.282	-1.723
3401	34.00	-2.068	-2.207	-2.188	-2.012	-1.727	-1.394	-1.082	-0.854	-0.755	-0.804
3411	34.10	-0.982	-1.228	-1.448	-1.536	-1.410	-1.040	-0.668	0.198	0.813	1.238
3421	34.20	1.392	1.272	0.960	0.591	0.305	0.205	0.320	0.605	0.960	1.268
3431	34.30	1.438	1.431	1.269	1.023	0.782	0.623	0.588	0.669	0.817	0.961
3441	34.40	1.033	0.989	0.819	0.542	0.194	-0.197	-0.620	-1.086	-1.615	-2.221
3451	34.50	-2.891	-3.579	-4.213	-4.718	-5.039	-5.165	-5.125	-4.982	-4.801	-4.626
3461	34.60	-4.463	-4.283	-4.040	-3.691	-3.214	-2.618	-1.936	-1.205	-0.464	0.261
3471	34.70	0.947	1.566	2.089	2.482	2.729	2.838	2.850	2.826	2.831	2.899
3481	34.80	3.023	3.153	3.218	3.158	2.955	2.641	2.292	1.992	1.801	1.733
3491	34.90	1.751	1.788	1.778	1.682	1.497	1.250	0.973	0.690	0.405	0.108

Table 7—35—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-0.200	-0.500	-0.750	-0.903	-0.929	-0.842	-0.699	-0.579	-0.555	-0.651
3511	35.10	-0.825	-0.987	-1.029	-0.877	-0.531	-0.067	0.382	0.677	0.722	0.503
3521	35.20	0.081	-0.427	-0.900	-1.245	-1.428	-1.466	-1.404	-1.309	-1.228	-1.196
3531	35.30	-1.232	-1.341	-1.511	-1.709	-1.877	-1.939	-1.824	-1.494	-0.968	-0.332
3541	35.40	0.289	0.768	1.025	1.061	0.956	0.838	0.827	0.983	1.285	1.644
3551	35.50	1.945	2.102	2.100	1.991	1.873	1.833	1.908	2.065	2.218	2.274
3561	35.60	2.170	1.908	1.543	1.159	0.825	0.570	0.373	0.185	-0.034	-0.297
3571	35.70	-0.571	-0.799	-0.921	-0.907	-0.769	-0.556	-0.335	-0.168	-0.093	-0.118
3581	35.80	-0.225	-0.381	-0.543	-0.668	-0.716	-0.659	-0.493	-0.242	0.033	0.251
3591	35.90	0.336	0.250	0.008	-0.317	-0.623	-0.825	-0.895	-0.879	-0.888	-1.046
3601	36.00	-1.433	-2.037	-2.749	-3.393	-3.790	-3.827	-3.503	-2.926	-2.272	-1.716
3611	36.10	-1.370	-1.249	-1.277	-1.333	-1.304	-1.134	-0.840	-0.497	-0.199	-0.012
3621	36.20	0.054	0.050	0.069	0.209	0.534	1.056	1.724	2.441	3.092	3.569
3631	36.30	3.806	3.789	3.557	3.191	2.788	2.433	2.177	2.022	1.928	1.829
3641	36.40	1.663	1.400	1.054	0.684	0.376	0.206	0.220	0.411	0.728	1.089
3651	36.50	1.412	1.638	1.745	1.742	1.657	1.518	1.341	1.130	0.882	0.608
3661	36.60	0.334	0.101	-0.045	-0.081	-0.017	0.096	0.180	0.153	-0.040	-0.401
3671	36.70	-0.878	-1.379	-1.796	-2.067	-2.096	-1.965	-1.725	-1.469	-1.283	-1.223
3681	36.80	-1.306	-1.510	-1.790	-2.090	-2.356	-2.540	-2.605	-2.525	-2.290	-1.914
3691	36.90	-1.439	-0.957	-0.494	-0.192	-0.078	-0.148	-0.335	-0.532	-0.614	-0.487
3701	37.00	-0.121	0.438	1.074	1.638	1.995	2.068	1.866	1.480	1.051	0.722
3711	37.10	0.584	0.641	0.808	0.937	0.875	0.526	-0.109	-0.916	-1.706	-2.272
3721	37.20	-2.481	-2.235	-1.679	-0.975	-0.336	0.088	0.238	0.191	0.106	0.158
3731	37.30	0.464	1.026	1.735	2.409	2.866	2.999	2.808	2.393	1.905	1.479
3741	37.40	1.179	0.904	0.811	0.562	0.181	-0.317	-0.851	-1.315	-1.626	-1.755
3751	37.50	-1.758	-1.730	-1.773	-1.950	-2.257	-2.627	-2.955	-3.143	-3.130	-2.912
3761	37.60	-2.537	-2.083	-1.628	-1.232	-0.918	-0.677	-0.476	-0.267	-0.005	0.342
3771	37.70	0.783	1.294	1.823	2.297	2.645	2.816	2.798	2.628	2.380	2.135
3781	37.80	1.954	1.853	1.796	1.714	1.534	1.219	0.786	0.303	-0.132	-0.436
3791	37.90	-0.572	-0.564	-0.490	-0.448	-0.515	-0.718	-1.022	-1.345	-1.590	-1.684
3801	38.00	-1.597	-1.349	-0.992	-0.585	-0.172	0.234	0.642	1.066	1.508	1.941
3811	38.10	2.321	2.592	2.717	2.689	2.538	2.317	2.083	1.874	1.693	1.509
3821	38.20	1.274	0.940	0.489	-0.066	-0.675	-1.272	-1.795	-2.202	-2.482	-2.655
3831	38.30	-2.755	-2.819	-2.872	-2.922	-2.956	-2.949	-2.870	-2.695	-2.408	-2.014
3841	38.40	-1.535	-1.010	-0.496	-0.047	0.289	0.487	0.554	0.523	0.446	0.376
3851	38.50	0.349	0.374	0.434	0.495	0.523	0.496	0.419	0.313	0.212	0.147
3861	38.60	0.139	0.196	0.316	0.493	0.720	0.986	1.275	1.557	1.796	1.952
3871	38.70	1.996	1.917	1.728	1.457	1.139	0.798	0.444	0.071	-0.329	-0.758
3881	38.80	-1.204	-1.644	-2.053	-2.411	-2.715	-2.969	-3.176	-3.326	-3.382	-3.302
3891	38.90	-3.043	-2.584	-1.945	-1.181	-0.372	0.406	1.096	1.675	2.143	2.512
3901	39.00	2.785	2.950	2.988	2.888	2.669	2.380	2.096	1.888	1.793	1.801
3911	39.10	1.849	1.849	1.723	1.435	1.003	0.500	0.017	-0.366	-0.610	-0.731
3921	39.20	-0.780	-0.825	-0.913	-1.053	-1.213	-1.336	-1.361	-1.255	-1.024	-0.715
3931	39.30	-0.403	-0.168	-0.064	-0.107	-0.268	-0.476	-0.649	-0.713	-0.632	-0.417
3941	39.40	-0.124	0.163	0.364	0.425	0.341	0.151	-0.074	-0.261	-0.358	-0.350
3951	39.50	-0.256	-0.117	0.027	0.153	0.258	0.353	0.447	0.534	0.594	0.600
3961	39.60	0.533	0.403	0.246	0.117	0.064	0.111	0.238	0.392	0.504	0.517
3971	39.70	0.414	0.225	0.012	-0.147	-0.196	-0.109	0.086	0.339	0.590	0.785
3981	39.80	0.898	0.923	0.872	0.766	0.626	0.477	0.348	0.273	0.284	0.399
3991	39.90	0.610	0.880	1.143	1.327	1.376	1.287	1.020	0.687	0.335	0.019

Table 7—35—9

TABLE OF CORRECTED ACCELERATION RECORD NO. 9

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-0.230	-0.411	-0.546	-0.663	-0.785	-0.923	-1.081	-1.258	-1.455	-1.665
4011	40.10	-1.873	-2.052	-2.158	-2.156	-2.029	-1.799	-1.526	-1.290	-1.165	-1.180
4021	40.20	-1.307	-1.467	-1.560	-1.510	-1.294	-0.960	-0.600	-0.311	-0.148	-0.102
4031	40.30	-0.101	-0.048	0.137	0.474	0.914	1.356	1.696	1.855	1.832	1.676
4041	40.40	1.475	1.310	1.226	1.218	1.248	1.292	1.223	1.120	0.969	0.793
4051	40.50	0.612	0.433	0.248	0.065	-0.180	-0.418	-0.651	-0.859	-1.025	-1.138
4061	40.60	-1.192	-1.183	-1.107	-0.968	-0.786	-0.595	-0.447	-0.392	-0.457	-0.639
4071	40.70	-0.898	-1.172	-1.401	-1.546	-1.599	-1.576	-1.496	-1.357	-1.144	-0.827
4081	40.80	-0.392	0.138	0.693	1.181	1.522	1.693	1.741	1.778	1.927	2.264
4091	40.90	2.774	3.345	3.798	3.967	3.766	3.229	2.508	1.811	1.325	1.140
4101	41.00	1.219	1.423	1.566	1.503	1.180	0.653	0.056	-0.459	-0.785	-0.896
4111	41.10	-0.850	-0.753	-0.708	-0.775	-0.950	-1.177	-1.375	-1.478	-1.458	-1.334
4121	41.20	-1.154	-0.974	-0.834	-0.745	-0.696	-0.662	-0.626	-0.589	-0.571	-0.694
4131	41.30	-0.715	-0.910	-1.173	-1.463	-1.732	-1.938	-2.066	-2.129	-2.159	-2.198
4141	41.40	-2.273	-2.386	-2.509	-2.594	-2.588	-2.453	-2.177	-1.776	-1.286	-0.750
4151	41.50	-0.210	0.300	0.752	1.125	1.402	1.575	1.651	1.661	1.651	1.677
4161	41.60	1.778	1.762	2.195	2.408	2.521	2.467	2.223	1.818	1.320	0.818
4171	41.70	0.388	0.072	-0.136	-0.267	-0.380	-0.523	-0.722	-0.976	-1.261	-1.536
4181	41.80	-1.755	-1.877	-1.871	-1.724	-1.450	-1.091	-0.712	-0.384	-0.170	-0.094
4191	41.90	-0.137	-0.238	-0.313	-0.287	-0.124	0.158	0.497	0.810	1.024	1.110
4201	42.00	1.088	1.015	0.962	0.976	1.067	1.199	1.310	1.336	1.230	0.997
4211	42.10	0.670	0.308	-0.025	-0.279	-0.431	-0.483	-0.460	-0.398	-0.333	-0.291
4221	42.20	-0.285	-0.316	-0.374	-0.443	-0.509	-0.564	-0.605	-0.628	-0.629	-0.593
4231	42.30	-0.504	-0.351	-0.136	0.113	0.352	0.525	0.593	0.548	0.423	0.287
4241	42.40	0.217	0.268	0.451	0.724	1.008	1.216	1.288	1.215	1.035	0.820
4251	42.50	0.661	0.543	0.526	0.559	0.592	0.581	0.505	0.367	0.188	0.010
4261	42.60	-0.212	-0.412	-0.607	-0.790	-0.948	-1.064	-1.129	-1.148	-1.141	-1.136
4271	42.70	-1.157	-1.207	-1.270	-1.310	-1.287	-1.173	-0.960	-0.665	-0.314	0.061
4281	42.80	0.432	0.780	1.088	1.340	1.523	1.628	1.664	1.657	1.647	1.674
4291	42.90	1.755	1.878	1.992	2.028	1.925	1.656	1.243	0.756	0.281	-0.090
4301	43.00	-0.309	-0.375	-0.330	-0.237	-0.157	-0.128	-0.157	-0.228	-0.315	-0.395
4311	43.10	-0.455	-0.490	-0.496	-0.465	-0.389	-0.262	-0.090	0.103	0.277	0.390
4321	43.20	0.410	0.329	0.165	-0.041	-0.245	-0.409	-0.519	-0.583	-0.626	-0.680
4331	43.30	-0.768	-0.903	-1.079	-1.283	-1.492	-1.682	-1.828	-1.909	-1.906	-1.816
4341	43.40	-1.636	-1.398	-1.136	-0.890	-0.690	-0.544	-0.433	-0.316	-0.148	0.101
4351	43.50	0.434	0.818	1.196	1.509	1.715	1.802	1.790	1.716	1.615	1.502
4361	43.60	1.375	1.216	1.009	0.760	0.495	0.256	0.081	-0.013	-0.039	-0.038
4371	43.70	-0.053	-0.118	-0.232	-0.369	-0.482	-0.531	-0.499	-0.400	-0.271	-0.154
4381	43.80	-0.081	-0.057	-0.060	-0.056	-0.013	0.092	0.260	0.477	0.713	0.932
4391	43.90	1.090	1.143	1.050	0.784	0.347	-0.218	-0.836	-1.404	-1.830	-2.052
4401	44.00	-2.065	-1.920	-1.704	-1.510	-1.403	-1.404	-1.486	-1.596	-1.679	-1.702
4411	44.10	-1.661	-1.578	-1.483	-1.402	-1.362	-1.295	-1.242	-1.165	-1.045	-0.871
4421	44.20	-0.636	-0.338	0.015	0.398	0.770	1.083	1.297	1.395	1.400	1.366
4431	44.30	1.366	1.456	1.457	1.336	2.221	2.423	2.471	2.337	2.042	1.645
4441	44.40	1.216	0.818	0.485	0.229	0.047	-0.067	-0.116	-0.107	-0.060	-0.010
4451	44.50	-0.002	-0.070	-0.222	-0.419	-0.587	-0.644	-0.533	-0.252	0.134	0.521
4461	44.60	0.799	0.903	0.832	0.651	0.457	0.330	0.297	0.321	0.317	0.201
4471	44.70	-0.070	-0.471	-0.920	-1.309	-1.554	-1.632	-1.583	-1.490	-1.429	-1.432
4481	44.80	-1.465	-1.451	-1.302	-0.975	-0.500	0.026	0.467	0.711	0.707	0.495
4491	44.90	0.184	-0.090	-0.219	-0.163	0.040	0.299	0.510	0.602	0.558	0.419

Table 7—35—10

TABLE OF CORRECTED ACCELERATION RECORD NO.10

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	0.251	0.114	0.035	0.004	-0.016	-0.057	-0.128	-0.206	-0.247	-0.213
4511	45.10	-0.087	0.109	0.326	0.508	0.620	0.663	0.672	0.697	0.777	0.915
4521	45.20	1.075	1.190	1.193	1.047	0.760	0.390	0.024	-0.251	-0.377	-0.347
4531	45.30	-0.200	-0.011	0.139	0.186	0.103	-0.096	-0.362	-0.626	-0.817	-0.879
4541	45.40	-0.785	-0.539	-0.174	0.256	0.690	1.078	1.384	1.600	1.738	1.818
4551	45.50	1.860	1.873	1.847	1.765	1.607	1.365	1.048	0.681	0.300	-0.059
4561	45.60	-0.370	-0.624	-0.823	-0.928	-1.101	-1.205	-1.302	-1.403	-1.519	-1.658
4571	45.70	-1.820	-1.991	-2.144	-2.245	-2.266	-2.185	-2.013	-1.770	-1.489	-1.196
4581	45.80	-0.910	-0.631	-0.352	-0.066	0.222	0.492	0.717	0.870	0.937	0.919
4591	45.90	0.832	0.697	0.533	0.351	0.158	-0.040	-0.226	-0.380	-0.481	-0.515
4601	46.00	-0.490	-0.430	-0.368	-0.336	-0.345	-0.380	-0.409	-0.393	-0.304	-0.138
4611	46.10	0.086	0.324	0.544	0.714	0.825	0.880	0.892	0.873	0.835	0.788
4621	46.20	0.747	0.728	0.750	0.820	0.930	1.055	1.158	1.206	1.183	1.101
4631	46.30	0.996	0.902	0.859	0.872	0.921	0.965	0.963	0.883	0.719	0.481
4641	46.40	0.197	-0.110	-0.415	-0.699	-0.941	-1.109	-1.172	-1.101	-0.893	-0.575
4651	46.50	-0.207	0.132	0.374	0.481	0.460	0.364	0.261	0.213	0.245	0.332
4661	46.60	0.416	0.422	0.297	0.027	-0.355	-0.777	-1.158	-1.434	-1.573	-1.587
4671	46.70	-1.513	-1.403	-1.301	-1.231	-1.193	-1.170	-1.136	-1.063	-0.934	-0.740
4681	46.80	-0.486	-0.190	0.120	0.409	0.640	0.783	0.823	0.769	0.651	0.513
4691	46.90	0.401	0.348	0.361	0.422	0.496	0.542	0.534	0.466	0.344	0.202
4701	47.00	0.066	-0.055	-0.150	-0.230	-0.305	-0.380	-0.454	-0.524	-0.588	-0.654
4711	47.10	-0.736	-0.843	-0.974	-1.107	-1.204	-1.224	-1.145	-0.973	-0.756	-0.560
4721	47.20	-0.452	-0.468	-0.593	-0.763	-0.888	-0.866	-0.712	-0.381	0.039	0.457
4731	47.30	0.791	0.999	1.091	1.119	1.149	1.228	1.366	1.529	1.660	1.701
4741	47.40	1.621	1.420	1.135	0.818	0.511	0.237	-0.003	-0.227	-0.453	-0.686
4751	47.50	-0.912	-1.099	-1.209	-1.212	-1.096	-0.875	-0.583	-0.267	0.023	0.249
4761	47.60	0.393	0.461	0.477	0.479	0.504	0.572	0.686	0.817	0.931	0.990
4771	47.70	0.971	0.882	0.757	0.643	0.579	0.578	0.616	0.638	0.576	0.384
4781	47.80	0.050	-0.386	-0.852	-1.259	-1.541	-1.669	-1.658	-1.581	-1.439	-1.342
4791	47.90	-1.289	-1.268	-1.249	-1.195	-1.082	-0.904	-0.671	-0.404	-0.127	0.137
4801	48.00	0.373	0.567	0.714	0.816	0.886	0.948	1.029	1.150	1.320	1.525
4811	48.10	1.738	1.923	2.056	2.130	2.157	2.163	2.164	2.162	2.134	2.065
4821	48.20	1.867	1.593	1.247	0.878	0.541	0.273	0.076	-0.079	-0.246	-0.470
4831	48.30	-0.727	-1.161	-1.529	-1.885	-2.167	-2.366	-2.497	-2.593	-2.683	-2.777
4841	48.40	-2.861	-2.904	-2.877	-2.762	-2.542	-2.295	-1.982	-1.640	-1.272	-0.877
4851	48.50	-0.460	-0.043	0.336	0.633	0.815	0.879	0.864	0.840	0.884	1.055
4861	48.60	1.362	1.760	2.163	2.474	2.620	2.581	2.394	2.137	1.895	1.727
4871	48.70	1.661	1.598	1.529	1.375	1.112	0.767	0.407	0.112	-0.061	-0.096
4881	48.80	-0.030	0.074	0.150	0.163	0.117	0.050	0.007	0.013	0.054	0.081
4891	48.90	0.033	-0.129	-0.399	-0.721	-1.002	-1.156	-1.133	-0.950	-0.681	-0.434
4901	49.00	-0.307	-0.350	-0.550	-0.835	-1.105	-1.276	-1.297	-1.184	-0.995	-0.806
4911	49.10	-0.687	-0.673	-0.759	-0.908	-1.069	-1.198	-1.267	-1.270	-1.216	-1.118
4921	49.20	-0.988	-0.830	-0.649	-0.456	-0.269	-0.114	-0.017	0.007	-0.039	-0.127
4931	49.30	-0.217	-0.266	-0.249	-0.186	-0.068	0.061	0.122	0.122	0.081	0.054
4941	49.40	0.102	0.271	0.568	0.949	1.339	1.652	1.827	1.849	1.752	1.601
4951	49.50	1.460	1.367	1.319	1.275	1.184	1.008	0.744	0.421	0.086	-0.217
4961	49.60	-0.467	-0.669	-0.843	-1.004	-1.151	-1.259	-1.300	-1.256	-1.139	-0.990
4971	49.70	-0.884	-0.805	-0.821	-0.880	-0.920	-0.886	-0.750	-0.532	-0.291	-0.094
4981	49.80	0.012	0.028	-0.005	-0.020	0.034	0.167	0.365	0.499	0.568	0.522
4991	49.90	0.385	0.224	0.116	0.114	0.224	0.402	0.574	0.672	0.659	0.546

Table 7—35—11

TABLE OF CORRECTED ACCELERATION RECORD NO.11

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	0.380	0.219	0.109	0.062	0.063	0.077	0.073	0.036	-0.022	-0.077
5011	50.10	-0.102	-0.079	-0.010	0.089	0.195	0.279	0.322	0.312	0.268	0.140
5021	50.20	0.009	-0.115	-0.200	-0.216	-0.169	-0.003	0.197	0.412	0.604	0.749
5031	50.30	0.838	0.884	0.908	0.928	0.955	0.984	1.008	1.017	1.012	1.000
5041	50.40	0.991	0.987	0.980	0.948	0.865	0.710	0.481	0.198	-0.102	-0.372
5051	50.50	-0.572	-0.682	-0.705	-0.670	-0.620	-0.602	-0.650	-0.779	-0.956	-1.104
5061	50.60	-1.416	-1.566	-1.627	-1.595	-1.532	-1.432	-1.261	-1.188	-1.151	-1.121
5071	50.70	-1.065	-0.966	-0.757	-0.509	-0.232	0.042	0.294	0.522	0.738	0.955
5081	50.80	1.170	1.373	1.535	1.629	1.641	1.580	1.470	1.337	1.201	1.060
5091	50.90	0.899	0.699	0.452	0.168	-0.126	-0.395	-0.615	-0.781	-0.904	-1.003
5101	51.00	-1.093	-1.175	-1.238	-1.270	-1.267	-1.240	-1.207	-1.187	-1.181	-1.172
5111	51.10	-1.130	-1.030	-0.874	-0.690	-0.530	-0.443	-0.450	-0.530	-0.625	-0.662
5121	51.20	-0.589	-0.394	-0.117	0.175	0.415	0.563	0.624	0.638	0.652	0.698
5131	51.30	0.771	0.841	0.868	0.831	0.745	0.651	0.603	0.633	0.739	0.879
5141	51.40	0.995	1.039	0.999	0.899	0.791	0.724	0.721	0.769	0.823	0.839
5151	51.50	0.791	0.688	0.568	0.478	0.448	0.473	0.518	0.530	0.469	0.327
5161	51.60	0.131	-0.065	-0.209	-0.272	-0.260	-0.212	-0.178	-0.199	-0.287	-0.424
5171	51.70	-0.567	-0.675	-0.716	-0.685	-0.598	-0.480	-0.356	-0.240	-0.136	-0.041
5181	51.80	0.042	0.107	0.141	0.131	0.076	-0.010	-0.099	-0.157	-0.158	-0.093
5191	51.90	0.022	0.151	0.247	0.269	0.194	0.025	-0.209	-0.463	-0.690	-0.855
5201	52.00	-0.944	-0.968	-0.955	-0.943	-0.961	-1.024	-1.123	-1.227	-1.298	-1.295
5211	52.10	-1.198	-1.068	-0.751	-0.468	-0.202	0.019	0.189	0.324	0.453	0.600
5221	52.20	0.770	0.944	1.082	1.142	1.100	0.963	0.772	0.588	0.468	0.438
5231	52.30	0.486	0.553	0.578	0.505	0.321	0.058	-0.214	-0.421	-0.517	-0.498
5241	52.40	-0.410	-0.321	-0.220	-0.343	-0.456	-0.572	-0.621	-0.558	-0.380	-0.126
5251	52.50	0.141	0.359	0.496	0.556	0.571	0.583	0.622	0.692	0.776	0.843
5261	52.60	0.801	0.852	0.798	0.730	0.663	0.602	0.538	0.451	0.329	0.165
5271	52.70	-0.032	-0.246	-0.461	-0.663	-0.848	-1.015	-1.161	-1.281	-1.371	-1.426
5281	52.80	-1.451	-1.455	-1.452	-1.448	-1.441	-1.410	-1.330	-1.176	-0.936	-0.621
5291	52.90	-0.264	0.090	0.392	0.609	0.726	0.756	0.729	0.690	0.680	0.729
5301	53.00	0.846	1.016	1.204	1.367	1.462	1.467	1.386	1.245	1.087	0.954
5311	53.10	0.871	0.841	0.847	0.859	0.857	0.833	0.796	0.783	0.744	0.733
5321	53.20	0.710	0.647	0.526	0.349	0.139	-0.069	-0.246	-0.381	-0.488	-0.594
5331	53.30	-0.723	-0.881	-1.044	-1.170	-1.216	-1.158	-1.007	-0.799	-0.584	-0.407
5341	53.40	-0.285	-0.213	-0.168	-0.128	-0.086	-0.048	-0.029	-0.037	-0.068	-0.098
5351	53.50	-0.106	-0.081	-0.034	0.004	-0.001	-0.071	-0.194	-0.332	-0.430	-0.448
5361	53.60	-0.373	-0.234	-0.088	0.002	-0.005	-0.110	-0.277	-0.447	-0.563	-0.591
5371	53.70	-0.532	-0.417	-0.295	-0.212	-0.201	-0.273	-0.418	-0.607	-0.804	-0.968
5381	53.80	-1.063	-1.067	-0.977	-0.811	-0.605	-0.401	-0.232	-0.109	-0.018	0.073
5391	53.90	0.195	0.360	0.553	0.736	0.864	0.911	0.883	0.821	0.780	0.803
5401	54.00	0.900	1.034	1.139	1.150	1.032	0.800	0.513	0.250	0.072	-0.005
5411	54.10	-0.017	-0.033	-0.120	-0.306	-0.566	-0.825	-0.995	-1.009	-0.851	-0.564
5421	54.20	-0.224	0.089	0.328	0.491	0.615	0.747	0.914	1.109	1.288	1.399
5431	54.30	1.407	1.314	1.164	1.019	0.932	0.917	0.942	0.946	0.863	0.661
5441	54.40	0.356	0.012	-0.288	-0.472	-0.516	-0.446	-0.334	-0.261	-0.287	-0.427
5451	54.50	-0.645	-0.873	-1.041	-1.097	-1.033	-0.879	-0.686	-0.507	-0.377	-0.300
5461	54.60	-0.256	-0.209	-0.130	-0.007	0.150	0.309	0.429	0.475	0.430	0.302
5471	54.70	0.115	-0.092	-0.289	-0.456	-0.598	-0.732	-0.881	-1.055	-1.247	-1.426
5481	54.80	-1.548	-1.575	-1.485	-1.283	-1.002	-0.686	-0.376	-0.095	0.152	0.377
5491	54.90	0.595	0.809	1.010	1.183	1.313	1.398	1.455	1.505	1.565	1.631

Table 7—35—12

TABLE OF CORRECTED ACCELERATION RECORD NO.12

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	1.674	1.645	1.503	1.226	0.835	0.385	-0.048	-0.398	-0.630	-0.749
5511	55.10	-0.756	-0.822	-0.863	-0.927	-0.991	-1.015	-0.969	-0.845	-0.661	-0.451
5521	55.20	-0.250	-0.070	0.098	0.275	0.475	0.686	0.865	0.956	0.900	0.690
5531	55.30	0.360	-0.011	-0.324	-0.498	-0.593	-0.567	-0.464	-0.320	-0.170	-0.115
5541	55.40	0.033	-0.059	-0.139	-0.149	-0.109	-0.053	-0.016	-0.013	-0.028	-0.023
5551	55.50	0.040	0.174	0.356	0.532	0.637	0.630	0.505	0.303	0.085	-0.090
5561	55.60	-0.392	-0.230	-0.245	-0.283	-0.374	-0.516	-0.681	-0.828	-0.929	-0.986
5571	55.70	-1.016	-1.064	-1.153	-1.265	-1.432	-1.548	-1.590	-1.539	-1.401	-1.210
5581	55.80	-1.005	-0.817	-0.657	-0.518	-0.382	-0.236	-0.075	0.094	0.262	0.424
5591	55.90	0.581	0.739	0.897	1.046	1.163	1.225	1.218	1.151	1.053	0.973
5601	56.00	0.954	1.020	1.163	1.369	1.525	1.643	1.671	1.605	1.460	1.262
5611	56.10	1.037	0.805	0.576	0.357	0.158	-0.016	-0.158	-0.274	-0.379	-0.492
5621	56.20	-0.632	-0.804	-0.994	-1.174	-1.312	-1.385	-1.388	-1.338	-1.261	-1.182
5631	56.30	-1.109	-1.033	-0.936	-0.801	-0.629	-0.443	-0.279	-0.170	-0.128	-0.134
5641	56.40	-0.141	-0.091	0.055	0.305	0.624	0.947	1.206	1.352	1.375	1.304
5651	56.50	1.187	1.070	0.973	0.884	0.764	0.570	0.276	-0.114	-0.560	-1.006
5661	56.60	-1.388	-1.672	-1.846	-1.926	-1.937	-1.907	-1.851	-1.771	-1.662	-1.520
5671	56.70	-1.355	-1.153	-0.921	-0.679	-0.412	-0.113	0.230	0.571	0.909	1.189
5681	56.80	1.371	1.434	1.391	1.285	1.178	1.130	1.176	1.311	1.493	1.656
5691	56.90	1.737	1.701	1.549	1.322	1.084	0.901	0.815	0.834	0.931	1.056
5701	57.00	1.154	1.183	1.127	0.991	0.800	0.583	0.364	0.150	-0.057	-0.266
5711	57.10	-0.678	-0.689	-0.885	-1.044	-1.149	-1.193	-1.182	-1.135	-1.077	-1.032
5721	57.20	-1.013	-1.020	-1.037	-1.043	-1.017	-0.946	-0.828	-0.674	-0.503	-0.333
5731	57.30	-0.181	-0.057	0.039	0.108	0.157	0.194	0.226	0.258	0.296	0.343
5741	57.40	0.398	0.454	0.501	0.515	0.519	0.480	0.423	0.366	0.335	0.344
5751	57.50	0.394	0.462	0.516	0.516	0.461	0.295	0.113	-0.054	-0.150	-0.141
5761	57.60	-0.027	0.153	0.341	0.473	0.508	0.442	0.303	0.140	0.002	-0.081
5771	57.70	-0.103	-0.083	-0.048	-0.018	0.002	0.023	0.062	0.133	0.235	0.355
5781	57.80	0.475	0.576	0.655	0.714	0.761	0.796	0.808	0.776	0.679	0.507
5791	57.90	0.274	0.012	-0.234	-0.424	-0.537	-0.579	-0.578	-0.569	-0.581	-0.624
5801	58.00	-0.689	-0.751	-0.789	-0.790	-0.759	-0.713	-0.675	-0.660	-0.671	-0.698
5811	58.10	-0.722	-0.726	-0.699	-0.640	-0.555	-0.460	-0.366	-0.290	-0.243	-0.236
5821	58.20	-0.276	-0.366	-0.501	-0.668	-0.844	-1.003	-1.122	-1.184	-1.185	-1.133
5831	58.30	-1.045	-0.942	-0.842	-0.753	-0.674	-0.591	-0.685	-0.337	-0.140	0.102
5841	58.40	0.364	0.611	0.806	0.926	0.969	0.961	0.945	0.970	1.064	1.225
5851	58.50	1.413	1.566	1.620	1.534	1.313	1.003	0.678	0.413	0.257	0.213
5861	58.60	0.245	0.291	0.294	0.223	0.080	-0.105	-0.296	-0.467	-0.612	-0.748
5871	58.70	-0.899	-1.075	-1.270	-1.459	-1.612	-1.711	-1.758	-1.776	-1.788	-1.808
5881	58.80	-1.822	-1.794	-1.681	-1.461	-1.147	-0.792	-0.476	-0.271	-0.216	-0.295
5891	58.90	-0.445	-0.575	-0.607	-0.499	-0.264	0.044	0.351	0.597	0.752	0.828
5901	59.00	0.882	0.897	0.965	1.089	1.192	1.306	1.383	1.418	1.419	1.410
5911	59.10	1.414	1.450	1.523	1.624	1.737	1.840	1.916	1.955	1.954	1.917
5921	59.20	1.854	1.773	1.676	1.561	1.421	1.247	1.038	0.802	0.558	0.331
5931	59.30	0.143	0.002	-0.105	-0.202	-0.322	-0.483	-0.684	-0.901	-1.091	-1.213
5941	59.40	-1.243	-1.182	-1.058	-0.910	-0.723	-0.666	-0.580	-0.496	-0.389	-0.249
5951	59.50	-0.085	0.075	0.197	0.251	0.227	0.133	-0.008	-0.168	-0.326	-0.470
5961	59.60	-0.599	-0.718	-0.835	-0.954	-1.076	-1.197	-1.309	-1.401	-1.460	-1.473
5971	59.70	-1.431	-1.332	-1.182	-0.998	-0.800	-0.604	-0.413	-0.221	-0.011	0.234
5981	59.80	0.519	0.831	1.142	1.412	1.607	1.705	1.706	1.630	1.512	1.385
5991	59.90	1.278	1.207	1.173	1.169	1.177	1.181	1.161	1.103	0.998	0.847

Table 7—35—13

TABLE OF CORRECTED ACCELERATION RECORD NO.13

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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)
6001	60.00	0.662	0.460	0.259	0.070	-0.112	-0.301	-0.517	-0.772	-1.056	-1.339
6011	60.10	-1.570	-1.701	-1.701	-1.573	-1.358	-1.123	-0.937	-0.846	-0.859	-0.948
6021	60.20	-1.057	-1.129	-1.126	-1.042	-0.901	-0.744	-0.607	-0.510	-0.451	-0.414
6031	60.30	-0.379	-0.333	-0.275	-0.209	-0.138	-0.054	0.059	0.220	0.435	0.690
6041	60.40	0.968	1.163	1.296	1.337	1.307	1.256	1.237	1.283	1.389	1.511
6051	60.50	1.580	1.537	1.352	1.044	0.673	0.316	0.040	-0.122	-0.181	-0.174
6061	60.60	-0.169	-0.138	-0.146	-0.154	-0.137	-0.078	0.017	0.121	0.199	0.221
6071	60.70	0.177	0.079	-0.052	-0.195	-0.363	-0.496	-0.663	-0.840	-1.011	-1.148
6081	60.80	-1.221	-1.218	-1.151	-1.058	-0.985	-0.967	-1.010	-1.086	-1.144	-1.135
6091	60.90	-1.026	-0.834	-0.600	-0.385	-0.235	-0.167	-0.160	-0.165	-0.134	-0.038
6101	61.00	0.116	0.292	0.436	0.508	0.496	0.422	0.334	0.282	0.297	0.381
6111	61.10	0.505	0.623	0.694	0.700	0.651	0.579	0.524	0.514	0.555	0.629
6121	61.20	0.707	0.762	0.785	0.788	0.802	0.854	0.956	1.094	1.228	1.306
6131	61.30	1.291	1.172	0.972	0.742	0.538	0.396	0.318	0.273	0.209	0.083
6141	61.40	-0.120	-0.379	-0.642	-0.854	-0.978	-1.015	-0.999	-0.963	-1.013	-1.102
6151	61.50	-1.229	-1.347	-1.410	-1.394	-1.309	-1.193	-1.091	-1.032	-1.014	-1.006
6161	61.60	-0.969	-0.878	-0.741	-0.597	-0.498	-0.485	-0.564	-0.761	-0.833	-0.891
6171	61.70	-0.844	-0.695	-0.489	-0.289	-0.147	-0.082	-0.077	-0.086	-0.060	0.033
6181	61.80	0.197	0.407	0.628	0.823	0.971	1.067	1.117	1.136	1.130	1.119
6191	61.90	1.112	1.126	1.171	1.250	1.352	1.451	1.515	1.515	1.437	1.291
6201	62.00	1.100	0.893	0.694	0.512	0.344	0.185	0.036	-0.090	-0.176	-0.206
6211	62.10	-0.183	-0.129	-0.077	-0.059	-0.090	-0.162	-0.250	-0.327	-0.378	-0.414
6221	62.20	-0.457	-0.528	-0.629	-0.735	-0.807	-0.809	-0.735	-0.616	-0.511	-0.479
6231	62.30	-0.546	-0.688	-0.836	-0.909	-0.852	-0.668	-0.621	-0.210	-0.123	-0.187
6241	62.40	-0.372	-0.581	-0.710	-0.688	-0.514	-0.256	-0.017	0.110	0.083	-0.076
6251	62.50	-0.293	-0.686	-0.594	-0.606	-0.552	-0.476	-0.413	-0.365	-0.306	-0.192
6261	62.60	-0.002	0.261	0.561	0.866	1.072	1.216	1.283	1.297	1.285	1.265
6271	62.70	1.244	1.219	1.189	1.158	1.135	1.128	1.131	1.130	1.101	1.030
6281	62.80	0.918	0.787	0.673	0.608	0.606	0.653	0.712	0.738	0.702	0.597
6291	62.90	0.446	0.292	0.177	0.124	0.130	0.164	0.181	0.137	0.008	-0.206
6301	63.00	-0.480	-0.775	-1.049	-1.271	-1.430	-1.534	-1.601	-1.653	-1.699	-1.736
6311	63.10	-1.746	-1.708	-1.612	-1.468	-1.311	-1.186	-1.135	-1.173	-1.280	-1.404
6321	63.20	-1.477	-1.446	-1.292	-1.038	-0.738	-0.457	-0.242	-0.107	-0.029	0.039
6331	63.30	0.103	0.203	0.315	0.412	0.468	0.480	0.467	0.463	0.496	0.574
6341	63.40	0.678	0.770	0.816	0.794	0.712	0.596	0.479	0.383	0.313	0.258
6351	63.50	0.200	0.134	0.068	0.025	0.027	0.087	0.197	0.334	0.468	0.574
6361	63.60	0.638	0.658	0.661	0.594	0.523	0.435	0.334	0.273	0.249	0.291
6371	63.70	0.402	0.561	0.726	0.850	0.900	0.871	0.793	0.716	0.691	0.746
6381	63.80	0.877	1.049	1.208	1.308	1.321	1.253	1.132	0.996	0.879	0.799
6391	63.90	0.753	0.722	0.679	0.597	0.455	0.246	-0.025	-0.340	-0.670	-0.984
6401	64.00	-1.251	-1.454	-1.588	-1.669	-1.720	-1.770	-1.840	-1.937	-2.051	-2.160
6411	64.10	-2.234	-2.250	-2.193	-2.061	-1.870	-1.665	-1.419	-1.223	-1.081	-0.995
6421	64.20	-0.950	-0.913	-0.842	-0.705	-0.489	-0.210	0.092	0.366	0.572	0.689
6431	64.30	0.726	0.713	0.686	0.670	0.670	0.676	0.675	0.659	0.641	0.640
6441	64.40	0.678	0.763	0.877	0.987	1.060	1.072	1.031	0.965	0.912	0.898
6451	64.50	0.926	0.973	1.000	0.979	0.901	0.786	0.670	0.587	0.551	0.553
6461	64.60	0.564	0.559	0.526	0.478	0.444	0.450	0.503	0.586	0.662	0.696
6471	64.70	0.673	0.606	0.529	0.484	0.491	0.545	0.611	0.646	0.620	0.531
6481	64.80	0.407	0.291	0.220	0.211	0.251	0.311	0.359	0.380	0.378	0.367
6491	64.90	0.356	0.339	0.290	0.177	-0.020	-0.295	-0.614	-0.927	-1.187	-1.376

Table 7—35—14

TABLE OF CORRECTED ACCELERATION RECORD NO.14

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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	-1.506	-1.609	-1.725	-1.870	-2.034	-2.180	-2.265	-2.261	-2.166	-2.011
6511	65.10	-1.835	-1.675	-1.551	-1.460	-1.386	-1.316	-1.245	-1.178	-1.121	-1.067
6521	65.20	-0.996	-0.876	-0.695	-0.460	-0.210	-0.002	0.113	0.116	0.031	-0.077
6531	65.30	-0.137	-0.099	0.038	0.227	0.397	0.482	0.461	0.361	0.269	0.191
6541	65.40	0.222	0.328	0.454	0.530	0.513	0.407	0.262	0.149	0.125	0.201
6551	65.50	0.340	0.471	0.527	0.478	0.362	0.180	0.058	0.022	0.073	0.174
6561	65.60	0.268	0.312	0.293	0.237	0.189	0.187	0.242	0.332	0.416	0.451
6571	65.70	0.421	0.337	0.238	0.167	0.152	0.199	0.287	0.385	0.467	0.521
6581	65.80	0.552	0.575	0.606	0.650	0.708	0.773	0.843	0.920	1.008	1.110
6591	65.90	1.217	1.311	1.368	1.367	1.300	1.173	1.006	0.826	0.655	0.507
6601	66.00	0.385	0.288	0.211	0.154	0.119	0.102	0.096	0.088	0.064	0.013
6611	66.10	-0.065	-0.158	-0.248	-0.317	-0.356	-0.369	-0.366	-0.361	-0.364	-0.373
6621	66.20	-0.380	-0.376	-0.359	-0.337	-0.329	-0.356	-0.430	-0.548	-0.690	-0.825
6631	66.30	-0.921	-0.956	-0.928	-0.852	-0.753	-0.661	-0.597	-0.570	-0.580	-0.618
6641	66.40	-0.673	-0.737	-0.805	-0.868	-0.922	-0.956	-0.963	-0.943	-0.901	-0.852
6651	66.50	-0.814	-0.801	-0.812	-0.834	-0.838	-0.791	-0.671	-0.474	-0.222	0.043
6661	66.60	0.275	0.434	0.506	0.508	0.478	0.466	0.510	0.627	0.801	0.994
6671	66.70	1.162	1.267	1.295	1.257	1.184	1.111	1.062	1.042	1.038	1.030
6681	66.80	1.000	0.945	0.880	0.828	0.807	0.822	0.857	0.880	0.856	0.763
6691	66.90	0.599	0.385	0.156	-0.054	-0.227	-0.351	-0.469	-0.568	-0.662	-0.744
6701	67.00	-0.794	-0.796	-0.745	-0.657	-0.567	-0.509	-0.506	-0.553	-0.621	-0.671
6711	67.10	-0.672	-0.621	-0.544	-0.492	-0.510	-0.619	-0.798	-0.989	-1.120	-1.129
6721	67.20	-0.995	-0.743	-0.436	-0.149	0.060	0.172	0.205	0.203	0.216	0.272
6731	67.30	0.372	0.492	0.600	0.667	0.685	0.662	0.620	0.577	0.544	0.522
6741	67.40	0.500	0.470	0.426	0.366	0.293	0.208	0.114	0.012	-0.093	-0.192
6751	67.50	-0.274	-0.331	-0.366	-0.386	-0.408	-0.440	-0.483	-0.521	-0.528	-0.486
6761	67.60	-0.378	-0.222	-0.045	0.117	0.238	0.308	0.337	0.345	0.347	0.344
6771	67.70	0.325	0.276	0.185	0.070	-0.057	-0.096	-0.077	0.021	0.173	0.334
6781	67.80	0.462	0.538	0.572	0.598	0.653	0.754	0.886	1.009	1.073	1.068
6791	67.90	0.938	0.784	0.641	0.560	0.555	0.605	0.657	0.659	0.580	0.427
6801	68.00	0.239	0.068	-0.045	-0.093	-0.100	-0.115	-0.181	-0.324	-0.538	-0.791
6811	68.10	-1.041	-1.249	-1.399	-1.491	-1.542	-1.571	-1.595	-1.623	-1.655	-1.688
6821	68.20	-1.720	-1.744	-1.753	-1.740	-1.703	-1.641	-1.565	-1.485	-1.412	-1.344
6831	68.30	-1.262	-1.161	-0.951	-0.681	-0.342	0.025	0.366	0.623	0.772	0.816
6841	68.40	0.793	0.757	0.757	0.819	0.934	1.070	1.179	1.227	1.202	1.121
6851	68.50	1.020	0.960	0.908	0.931	0.987	1.037	1.042	0.969	0.811	0.587
6861	68.60	0.337	0.109	-0.053	-0.126	-0.113	-0.040	0.051	0.125	0.163	0.172
6871	68.70	0.180	0.220	0.315	0.462	0.631	0.777	0.857	0.851	0.772	0.663
6881	68.80	0.576	0.552	0.603	0.707	0.819	0.891	0.893	0.821	0.698	0.557
6891	68.90	0.425	0.312	0.208	0.095	-0.041	-0.201	-0.368	-0.519	-0.634	-0.706
6901	69.00	-0.744	-0.765	-0.782	-0.798	-0.804	-0.783	-0.728	-0.644	-0.553	-0.484
6911	69.10	-0.455	-0.468	-0.496	-0.500	-0.443	-0.307	-0.106	0.119	0.314	0.434
6921	69.20	0.460	0.403	0.303	0.204	0.138	0.108	0.095	0.061	-0.026	-0.129
6931	69.30	-0.384	-0.605	-0.798	-0.932	-0.997	-1.008	-0.996	-0.994	-1.021	-1.074
6941	69.40	-1.132	-1.168	-1.161	-1.104	-1.007	-0.893	-0.780	-0.677	-0.577	-0.463
6951	69.50	-0.319	-0.139	0.066	0.272	0.468	0.571	0.637	0.658	0.662	0.674
6961	69.60	0.713	0.779	0.858	0.933	0.987	1.019	1.038	1.061	1.102	1.167
6971	69.70	1.248	1.330	1.392	1.421	1.409	1.358	1.275	1.166	1.036	0.893
6981	69.80	0.744	0.603	0.486	0.409	0.373	0.366	0.363	0.325	0.223	0.041
6991	69.90	-0.208	-0.487	-0.744	-0.930	-1.013	-0.991	-0.892	-0.764	-0.657	-0.609

Table 7—35—15 TABLE OF CORRECTED ACCELERATION RECORD NO.15

INDEX NO. 1182 S1401-GR-1-3 HB. (HB.) TONEGAWA ES. MAX. ACC. = 32.095 (GAL) T= 5.14 (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)
7001	70.00	-0.634	-0.719	-0.833	-0.941	-1.015	-1.046	-1.031	-0.990	-0.932	-0.865
7011	70.10	-0.786	-0.685	-0.558	-0.406	-0.242	-0.090				

Table 7—36—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	-0.963	-0.222	0.007	-0.226	-0.613	-0.747	-0.301	0.794	2.290	3.718
11	0.10	4.582	4.571	3.687	2.225	0.615	-0.773	-2.507	-3.161	-3.816	-3.816
21	0.20	-4.425	-4.582	-3.754	-1.497	2.284	7.188	12.351	16.679	19.175	19.263
31	0.30	16.971	12.920	8.124	3.689	0.508	-0.936	-0.629	1.063	3.563	6.268
41	0.40	8.694	10.567	11.724	12.277	12.341	12.079	11.633	11.092	10.491	9.815
51	0.50	9.031	8.128	7.148	6.197	5.417	4.933	4.778	4.845	4.883	4.569
61	0.60	3.515	1.582	-1.239	-4.716	-8.453	-12.011	-15.017	-17.241	-18.595	-19.073
71	0.70	-18.673	-17.346	-15.016	-11.652	-7.601	-2.649	1.975	5.706	7.827	7.868
81	0.80	5.744	1.787	-3.333	-8.775	-13.703	-17.426	-19.472	-19.693	-17.807	-14.284
91	0.90	-9.458	-3.969	1.369	5.690	8.255	8.649	6.925	3.626	-0.364	-3.967
101	1.00	-6.390	-7.145	-6.232	-4.040	-1.150	1.885	4.698	7.156	9.282	11.121
111	1.10	12.628	13.639	13.937	13.391	12.084	10.362	8.752	7.787	7.779	8.659
121	1.20	9.938	10.848	10.606	8.724	5.251	0.847	-3.359	-6.076	-6.256	-3.440
131	1.30	2.056	9.188	16.447	22.257	25.372	25.166	21.715	15.714	8.222	0.390
141	1.40	-6.760	-12.472	-16.282	-18.003	-17.698	-15.671	-12.471	-8.857	-5.687	-3.734
151	1.50	-3.467	-4.875	-7.438	-10.264	-12.385	-13.102	-12.253	-10.286	-8.108	-6.752
161	1.60	-6.998	-9.078	-12.591	-16.645	-20.148	-22.156	-22.126	-20.018	-16.226	-11.413
171	1.70	-6.315	-1.596	2.233	4.840	6.077	6.003	4.895	3.239	1.655	0.750
181	1.80	0.931	2.251	4.364	6.512	7.929	7.907	6.126	2.740	-1.666	-6.245
191	1.90	-10.126	-12.610	-13.292	-12.078	-9.126	-4.767	0.565	6.371	12.113	17.242
201	2.00	21.262	23.809	24.726	24.089	22.181	19.398	16.165	12.741	9.393	6.228
211	2.10	3.356	0.931	-0.835	-1.725	-1.605	-0.519	1.271	3.325	5.140	6.300
221	2.20	6.616	6.186	5.358	4.601	4.316	4.674	5.526	6.434	6.808	6.129
231	2.30	4.149	1.027	-2.682	-6.178	-8.662	-9.594	-8.867	-6.842	-4.212	-1.784
241	2.40	-0.230	0.075	-0.914	-3.002	-5.897	-9.336	-13.117	-17.020	-20.710	-23.658
251	2.50	-25.186	-24.638	-21.660	-16.323	-9.426	-2.176	3.992	7.827	8.601	6.295
261	2.60	1.580	-4.398	-10.319	-14.999	-17.605	-17.765	-15.578	-11.556	-6.525	-1.497
271	2.70	2.510	4.684	4.662	2.578	-0.723	-4.058	-6.142	-6.011	-3.350	1.372
281	2.80	7.039	12.240	15.727	16.801	15.502	12.537	8.996	5.969	4.215	3.989
291	2.90	5.054	6.853	8.738	10.181	10.890	10.832	10.169	9.166	8.086	7.121
301	3.00	6.351	5.737	5.156	4.466	3.587	2.579	1.663	1.178	1.461	2.695
311	3.10	4.785	7.323	9.682	11.212	11.459	10.316	8.039	5.104	1.977	-1.093
321	3.20	-4.148	-7.416	-11.069	-14.992	-18.485	-20.655	-20.610	-17.040	-10.568	-1.792
331	3.30	7.681	16.054	21.771	23.970	22.662	18.603	12.937	6.769	0.853	-4.514
341	3.40	-9.361	-13.809	-17.836	-21.188	-23.438	-24.172	-23.175	-20.534	-16.611	-11.920
351	3.50	-6.995	-2.297	1.773	4.829	6.461	6.288	4.099	0.035	-5.299	-10.869
361	3.60	-15.440	-17.918	-17.702	-14.880	-10.206	-4.842	0.017	3.509	5.310	5.634
371	3.70	5.061	4.175	3.523	3.294	3.429	3.698	3.821	3.565	2.791	1.467
381	3.80	-0.311	-2.312	-4.152	-5.340	-5.382	-3.934	-0.971	3.126	7.610	11.547
391	3.90	14.086	14.726	13.475	10.839	7.654	4.814	3.000	2.512	3.229	4.710
401	4.00	6.364	7.642	8.174	7.836	6.748	5.205	3.581	2.220	1.327	0.906
411	4.10	0.742	0.462	-0.341	-1.955	-4.406	-7.395	-10.339	-12.506	-13.211	-11.996
421	4.20	-8.749	-3.731	2.480	9.096	15.235	20.028	22.726	22.802	20.070	14.777
431	4.30	7.640	-0.230	-7.521	-13.016	-15.892	-15.926	-13.531	-9.607	-5.240	-1.386
441	4.40	1.374	2.917	3.483	3.486	3.301	3.133	2.994	2.788	2.424	1.917
451	4.50	1.402	1.082	1.131	1.599	2.376	3.203	3.755	3.734	2.973	1.489
461	4.60	-0.693	-2.580	-4.296	-5.197	-5.006	-3.703	-1.563	0.909	3.117	4.564
471	4.70	5.010	4.553	3.576	2.592	2.034	2.084	2.604	3.196	3.370	2.741
481	4.80	1.177	-1.150	-3.824	-6.306	-8.080	-8.745	-8.075	-6.026	-2.746	1.417
491	4.90	5.909	10.006	12.921	13.976	12.804	9.506	4.672	-0.757	-5.760	-9.551

Table 7—36—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	-11.814	-12.756	-12.953	-13.054	-13.462	-14.134	-14.594	-14.153	-12.249	-8.759
511	5.10	-4.146	0.641	4.464	6.401	6.086	3.849	0.616	-2.415	-4.181	-4.105
521	5.20	-2.274	0.627	3.569	5.530	5.813	4.238	1.154	-2.710	-6.470	-9.329
531	5.30	-10.746	-10.517	-8.769	-5.903	-2.503	0.754	3.201	4.299	3.762	1.663
541	5.40	-1.514	-4.923	-7.524	-8.347	-6.780	-2.796	2.986	9.416	15.118	18.863
551	5.50	19.912	18.209	14.355	9.387	4.443	0.426	-2.211	-3.500	-3.829	-3.702
561	5.60	-3.504	-3.358	-3.114	-2.474	-1.165	0.889	3.439	6.191	8.432	9.692
571	5.70	9.640	8.213	5.612	2.232	-1.438	-4.917	-7.807	-9.839	-10.896	-11.012
581	5.80	-10.357	-9.195	-7.826	-6.507	-5.389	-4.494	-3.748	-3.064	-2.442	-2.033
591	5.90	-2.117	-2.986	-4.775	-7.301	-10.013	-12.091	-12.685	-11.224	-7.665	-2.577
601	6.00	2.985	7.783	10.768	11.381	9.676	6.231	1.907	-2.432	-6.131	-8.813
611	6.10	-10.321	-10.599	-9.600	-7.286	-3.704	0.904	6.059	11.099	15.339	18.266
621	6.20	19.674	19.684	18.622	16.835	14.529	11.717	8.306	4.276	-0.146	-4.416
631	6.30	-7.763	-9.414	-8.871	-6.117	-1.672	3.532	8.405	11.983	13.651	13.243
641	6.40	11.008	7.503	3.448	-0.389	-3.292	-4.678	-4.201	-1.857	1.930	6.300
651	6.50	10.081	12.045	11.247	7.343	0.766	-7.316	-15.276	-21.469	-24.693	-24.523
661	6.60	-21.397	-16.444	-11.102	-6.673	-3.959	-3.100	-3.647	-4.810	-5.788	-6.047
671	6.70	-5.456	-4.239	-2.926	-1.920	-1.544	-1.832	-2.571	-3.384	-3.854	-3.637
681	6.80	-2.547	-0.595	2.001	4.843	7.409	9.150	9.608	8.548	6.052	2.544
691	6.90	-1.283	-4.616	-6.728	-7.156	-5.800	-2.923	0.960	5.240	9.363	12.928
701	7.00	15.698	17.552	18.416	18.218	16.897	14.456	11.066	7.010	2.881	-0.704
711	7.10	-3.149	-4.056	-3.354	-1.351	1.325	3.874	5.535	5.789	4.508	1.983
721	7.20	-1.166	-4.181	-6.392	-7.408	-7.210	-6.119	-4.653	-3.336	-2.531	-2.341
731	7.30	-2.626	-3.094	-3.437	-3.444	-3.060	-2.374	-1.568	-0.843	-0.368	-0.253
741	7.40	-0.549	-1.253	-2.312	-3.610	-4.968	-6.143	-6.867	-6.896	-6.082	-4.426
751	7.50	-2.110	0.508	2.957	4.741	5.460	4.922	3.224	0.761	-1.847	-3.918
761	7.60	-4.906	-4.585	-3.138	-1.117	0.738	1.753	1.555	0.202	-1.856	-3.947
771	7.70	-5.524	-6.188	-5.977	-5.205	-4.299	-3.601	-3.237	-3.105	-2.973	-2.622
781	7.80	-1.957	-1.024	0.047	1.147	2.253	3.428	4.745	6.194	7.618	8.744
791	7.90	9.275	9.021	7.990	6.398	4.604	2.991	1.865	1.409	1.690	2.669
801	8.00	4.325	6.430	8.714	10.745	12.004	12.012	10.507	7.582	3.721	-0.310
811	8.10	-3.690	-5.784	-6.326	-5.443	-3.541	-1.109	1.466	3.978	6.364	8.582
821	8.20	10.495	11.831	12.254	11.504	9.533	6.563	3.241	-0.558	-3.780	-6.390
831	8.30	-8.304	-9.512	-9.976	-9.583	-8.210	-5.858	-2.795	0.402	2.935	4.023
841	8.40	3.176	0.412	-3.697	-8.173	-11.939	-14.150	-14.448	-13.024	-10.492	-7.637
851	8.50	-5.135	-3.355	-2.316	-1.772	-1.386	-0.892	-0.193	0.635	1.419	1.976
861	8.60	2.176	1.955	1.280	0.115	-1.592	-3.866	-6.624	-9.632	-12.472	-14.619
871	8.70	-15.549	-14.099	-12.883	-9.522	-5.480	-1.424	2.045	4.542	5.958	6.433
881	8.80	6.266	5.795	5.293	4.916	4.693	4.560	4.409	4.136	3.687	3.080
891	8.90	2.412	1.849	1.575	1.729	2.337	3.270	4.251	4.924	4.972	4.242
901	9.00	2.819	1.028	-0.661	-1.778	-2.004	-1.266	0.261	2.230	4.254	6.020
911	9.10	7.352	8.213	8.648	8.723	8.480	7.928	7.069	5.919	4.531	2.989
921	9.20	1.393	-0.149	-1.506	-2.514	-2.977	-2.698	-1.558	0.387	2.843	5.278
931	9.30	7.020	7.428	6.078	2.914	-1.721	-7.162	-12.590	-17.233	-20.517	-22.147
941	9.40	-22.092	-20.515	-17.694	-15.960	-9.669	-5.194	-0.927	2.759	5.544	7.216
951	9.50	7.693	7.038	5.422	3.094	0.356	-2.554	-4.975	-6.855	-7.811	-7.715
961	9.60	-6.677	-5.067	-3.464	-2.513	-2.731	-4.521	-7.087	-10.440	-13.661	-15.932
971	9.70	-16.756	-15.981	-13.824	-10.741	-7.242	-3.719	-0.348	2.891	6.117	9.413
981	9.80	12.723	15.814	18.327	19.878	20.167	19.059	16.621	13.092	8.840	4.304
991	9.90	-0.055	-3.794	-6.530	-7.986	-8.043	-6.782	-4.483	-1.585	1.412	4.068

Table 7—36—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	6.106	7.665	8.279	8.787	9.220	9.698	10.188	10.538	10.565	10.159
1011	10.10	9.359	8.365	7.475	6.983	7.067	7.719	8.734	9.768	10.434	10.406
1021	10.20	9.496	7.682	5.115	2.061	-1.154	-4.196	-6.778	-8.690	-9.816	-10.125
1031	10.30	-9.675	-8.566	-6.927	-4.899	-2.634	-0.312	1.847	3.582	4.620	4.742
1041	10.40	3.860	2.597	-0.299	-4.943	-6.282	-6.608	-5.945	-4.538	-2.752	-1.470
1051	10.50	-0.954	0.582	1.717	2.420	2.717	2.627	2.142	1.255	0.007	-1.470
1061	10.60	-2.951	-4.170	-4.908	-5.072	-4.733	-4.096	-3.413	-2.883	-2.579	-2.443
1071	10.70	-2.345	-2.170	-1.905	-1.653	-1.598	-1.906	-2.635	-3.678	-4.778	-5.603
1081	10.80	-5.862	-5.296	-3.918	-1.812	0.806	3.654	6.418	8.774	10.410	11.070
1091	10.90	10.603	9.032	6.575	3.629	0.682	-1.806	-3.520	-4.357	-4.613	-3.908
1101	11.00	-3.079	-2.097	-1.040	0.080	1.250	2.406	3.438	4.212	4.662	4.823
1111	11.10	4.819	4.797	4.822	4.810	4.528	3.683	2.071	-0.283	-3.064	-5.715
1121	11.20	-7.594	-8.188	-7.291	-5.093	-2.136	0.835	3.084	4.083	3.638	1.921
1131	11.30	-0.588	-3.239	-5.366	-6.453	-6.255	-4.855	-2.658	-0.285	1.578	2.373
1141	11.40	1.827	0.038	-2.550	-5.280	-7.478	-8.651	-8.615	-7.527	-5.807	-3.995
1151	11.50	-2.593	-1.947	-2.191	-3.248	-4.869	-6.688	-8.275	-9.193	-9.067	-7.659
1161	11.60	-4.946	-1.168	3.194	7.490	11.051	13.360	14.078	13.298	11.303	8.568
1171	11.70	5.671	2.862	0.586	-1.106	-2.178	-2.737	-2.900	-2.776	-2.448	-1.957
1181	11.80	-1.356	-0.632	0.170	0.974	1.644	2.010	1.914	1.292	0.260	-0.960
1191	11.90	-1.886	-2.095	-1.280	0.597	3.242	6.084	8.429	9.669	9.469	7.872
1201	12.00	5.274	2.299	-0.393	-2.289	-3.144	-3.011	-2.185	-1.102	-0.216	0.104
1211	12.10	-0.356	-1.614	-3.496	-5.650	-7.613	-8.899	-9.122	-8.103	-5.951	-3.065
1221	12.20	-0.056	2.406	3.778	3.799	2.572	0.532	-1.678	-3.401	-4.157	-3.763
1231	12.30	-2.378	-0.423	1.558	3.072	3.810	3.729	3.031	2.084	1.295	0.998
1241	12.40	1.354	2.355	3.791	5.428	6.982	8.235	9.056	9.400	9.293	8.793
1251	12.50	7.979	6.926	5.708	4.393	3.033	1.660	0.281	-1.116	-2.538	-3.956
1261	12.60	-5.282	-6.360	-6.998	-7.021	-6.340	-5.010	-3.247	-1.396	0.165	1.033
1271	12.70	1.069	0.260	-1.193	-2.945	-4.612	-5.863	-6.505	-6.510	-6.005	-5.214
1281	12.80	-4.391	-3.755	-3.465	-3.500	-3.868	-4.419	-4.981	-5.367	-5.406	-4.976
1291	12.90	-4.034	-2.637	-0.957	0.738	2.125	2.894	2.832	1.892	0.232	-1.801
1301	13.00	-3.735	-5.087	-5.484	-4.763	-3.021	-0.591	2.062	4.362	5.958	6.611
1311	13.10	6.339	5.371	4.067	2.613	1.926	1.577	1.769	2.358	3.107	3.761
1321	13.20	4.111	4.064	3.570	2.781	1.839	0.909	0.120	-0.467	-0.859	-1.106
1331	13.30	-1.266	-1.368	-1.396	-1.289	-0.980	-0.433	0.316	1.150	1.884	2.321
1341	13.40	2.313	1.817	0.921	-0.172	-1.198	-1.912	-2.166	-1.952	-1.409	-0.782
1351	13.50	-0.361	-0.298	-0.737	-1.584	-2.624	-3.568	-4.135	-4.139	-3.539	-2.453
1361	13.60	-1.113	0.206	1.274	1.968	2.300	2.390	2.417	2.536	2.825	3.255
1371	13.70	3.703	3.992	3.943	3.617	2.342	0.716	-1.391	-3.864	-6.432	-8.868
1381	13.80	-10.612	-11.912	-11.890	-10.629	-8.240	-5.076	-1.664	1.417	3.695	4.931
1391	13.90	5.181	4.751	4.090	3.635	3.682	4.326	5.466	6.883	8.331	9.614
1401	14.00	10.620	11.316	11.705	11.819	11.679	11.310	10.732	9.968	9.020	7.867
1411	14.10	6.471	4.815	2.958	1.079	-0.523	-1.489	-1.513	-0.471	1.492	3.969
1421	14.20	6.384	8.170	8.935	8.582	7.311	5.517	3.635	1.990	0.717	-0.227
1431	14.30	-0.977	-1.657	-2.306	-2.874	-3.275	-3.462	-3.484	-3.487	-3.662	-4.147
1441	14.40	-5.062	-6.295	-7.226	-9.191	-10.555	-11.734	-12.687	-13.375	-13.740	-13.698
1451	14.50	-13.173	-12.147	-10.695	-8.982	-7.234	-5.671	-4.444	-3.602	-3.102	-2.836
1461	14.60	-2.697	-2.595	-2.494	-2.391	-2.299	-2.225	-2.163	-2.099	-2.020	-1.921
1471	14.70	-1.810	-1.696	-1.590	-1.495	-1.413	-1.341	-1.279	-1.219	-1.150	-1.056
1481	14.80	-0.927	-0.771	-0.623	-0.531	-0.535	-0.629	-0.736	-0.707	-0.355	0.479
1491	14.90	1.857	3.692	5.746	7.680	9.147	9.885	9.800	8.986	7.703	6.308

Table 7—36—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	5.147	4.573	4.681	5.478	6.784	8.277	9.555	10.221	9.975	8.700
1511	15.10	6.511	3.745	0.884	-1.568	-3.221	-3.899	-3.675	-2.822	-1.702	-0.665
1521	15.20	0.154	0.663	0.981	1.256	1.603	2.050	2.536	2.951	3.196	3.225
1531	15.30	3.054	2.734	2.310	1.782	1.095	0.166	-1.066	-2.600	-4.349	-6.150
1541	15.40	-7.804	-9.138	-10.043	-10.506	-10.602	-10.464	-10.241	-10.060	-9.992	-10.043
1551	15.50	-10.157	-10.230	-10.147	-9.808	-9.171	-8.265	-7.203	-6.151	-5.289	-4.759
1561	15.60	-4.620	-4.836	-5.286	-5.818	-6.295	-6.637	-6.830	-6.899	-6.869	-6.726
1571	15.70	-6.412	-5.854	-5.011	-3.919	-2.702	-1.529	-0.538	0.245	0.943	1.811
1581	15.80	3.137	7.280	10.960	14.233	17.205	19.546	21.117	21.985	22.358	
1591	15.90	22.476	22.504	22.484	22.351	22.002	21.373	20.477	19.389	18.182	16.866
1601	16.00	15.365	13.555	11.346	8.775	6.041	3.476	1.440	0.185	-0.244	-0.042
1611	16.10	0.624	0.734	0.554	-0.271	-1.695	-3.520	-5.485	-7.351	-8.954	-10.218
1621	16.20	-11.137	-11.745	-12.106	-12.300	-12.428	-12.597	-12.897	-13.370	-13.995	-14.694
1631	16.30	-15.365	-15.933	-16.387	-16.784	-17.211	-17.724	-18.285	-18.743	-18.858	-18.382
1641	16.40	-17.160	-15.207	-12.729	-10.085	-7.674	-5.817	-4.655	-4.124	-3.968	-3.858
1651	16.50	-3.509	-2.769	-1.662	-0.346	0.985	2.209	3.352	4.601	6.225	8.452
1661	16.60	11.340	14.704	18.124	21.049	22.951	23.472	22.516	20.255	17.058	13.389
1671	16.70	9.712	6.440	3.920	2.437	2.194	3.270	5.549	8.677	12.086	15.104
1681	16.80	17.122	17.774	17.039	15.230	12.862	10.456	8.363	6.679	5.278	3.938
1691	16.90	2.490	0.904	-0.707	-2.182	-3.427	-4.479	-5.496	-6.651	-8.012	-9.460
1701	17.00	-10.702	-11.391	-11.279	-10.358	-8.885	-7.303	-6.081	-5.541	-5.756	-6.536
1711	17.10	-7.548	-8.430	-8.925	-8.935	-8.504	-7.761	-6.869	-5.900	-5.030	-4.361
1721	17.20	-4.034	-4.184	-4.894	-6.148	-7.798	-9.582	-11.183	-12.300	-12.722	-12.355
1731	17.30	-11.226	-9.455	-7.227	-4.766	-2.317	-0.126	1.592	2.698	3.172	3.137
1741	17.40	2.834	2.568	2.609	3.117	4.094	5.388	6.757	7.950	8.785	9.197
1751	17.50	9.234	9.024	8.725	8.473	8.356	8.403	8.589	8.849	9.091	9.215
1761	17.60	9.138	8.825	8.311	7.712	7.213	7.016	7.273	8.017	9.112	10.256
1771	17.70	11.041	11.059	10.026	7.887	4.861	1.414	-1.869	-4.334	-5.616	-5.544
1781	17.80	-4.287	-2.252	0.151	1.633	2.572	2.355	1.891	-1.116	-3.600	-6.553
1791	17.90	-8.946	-10.619	-11.322	-10.951	-9.565	-7.385	-4.762	-2.125	0.105	1.585
1801	18.00	2.124	1.697	0.441	-1.395	-3.505	-5.587	-7.381	-8.703	-9.459	-9.658
1811	18.10	-9.411	-8.910	-8.381	-8.015	-7.895	-7.950	-7.956	-7.606	-6.622	-4.877
1821	18.20	-2.480	0.220	2.710	4.460	5.085	4.458	2.755	0.401	-2.049	-4.063
1831	18.30	-5.258	-5.485	-4.835	-3.591	-2.139	-0.858	-0.035	0.200	-0.126	-0.855
1841	18.40	-1.773	-2.686	-3.673	-4.099	-4.582	-4.927	-5.074	-4.885	-4.145	-2.751
1851	18.50	-0.513	1.750	4.242	6.330	7.596	7.772	7.581	6.773	5.950	5.399
1861	18.60	5.177	5.114	4.923	4.362	3.373	2.130	0.963	0.222	0.116	0.629
1871	18.70	1.540	2.523	3.285	3.660	3.634	3.297	2.762	2.116	1.422	0.762
1881	18.80	0.292	0.239	0.830	2.170	4.135	6.336	8.209	9.197	8.962	7.535
1891	18.90	5.320	2.966	1.127	0.238	0.383	1.301	2.530	3.596	4.183	4.204
1901	19.00	3.762	3.045	2.218	1.358	0.459	-0.509	-1.542	-2.572	-3.489	-4.185
1911	19.10	-4.605	-4.759	-4.698	-4.462	-4.078	-3.509	-2.753	-1.874	-1.042	-0.517
1921	19.20	-0.575	-1.400	-2.994	-5.136	-7.420	-9.356	-10.501	-10.579	-9.555	-7.637
1931	19.30	-5.227	-2.828	-0.932	0.080	0.026	-1.035	-2.806	-4.807	-6.481	-7.338
1941	19.40	-7.079	-5.683	-3.621	-1.773	1.703	3.527	4.424	4.370	3.570	2.365
1951	19.50	1.115	0.100	-0.535	-1.783	-0.736	-0.523	-0.257	0.006	0.274	0.613
1961	19.60	1.112	1.845	2.836	4.030	5.292	6.431	7.246	7.590	7.415	6.802
1971	19.70	5.939	5.082	4.685	4.346	4.766	5.741	7.175	8.899	10.690	12.289
1981	19.80	13.430	13.870	13.447	12.127	10.037	7.461	4.779	2.377	0.550	-0.589
1991	19.90	-1.016	-0.956	-0.599	-0.126	0.361	0.827	1.258	1.606	1.752	1.518

Table 7—36—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	0.719	-0.765	-2.919	-5.572	-8.417	-11.081	-13.206	-14.528	-14.944	-14.513
2011	20.10	-13.448	-12.058	-10.683	-9.609	-9.009	-8.893	-9.121	-9.444	-9.591	-9.367
2021	20.20	-8.719	-7.758	-6.718	-5.870	-5.422	-5.443	-5.852	-6.454	-7.016	-7.350
2031	20.30	-7.354	-7.012	-6.367	-5.471	-4.365	-3.088	-1.699	-0.304	0.951	1.925
2041	20.40	2.567	2.867	3.068	3.413	4.141	5.367	7.010	8.817	10.440	11.578
2051	20.50	12.091	12.056	11.735	11.467	11.522	11.999	12.783	13.590	14.076	13.964
2061	20.60	13.135	11.664	9.790	7.860	6.136	4.927	4.339	4.365	4.880	5.674
2071	20.70	6.491	7.081	7.251	6.904	6.056	4.830	3.406	1.972	0.669	-0.434
2081	20.80	-1.318	-1.982	-2.394	-2.482	-2.162	-1.404	-0.304	0.882	1.767	1.935
2091	20.90	1.075	-0.894	-3.773	-7.123	-10.388	-13.066	-14.044	-15.662	-15.685	-15.201
2101	21.00	-14.492	-13.738	-12.994	-12.218	-11.353	-10.393	-9.413	-8.543	-7.935	-7.649
2111	21.10	-7.668	-7.885	-8.143	-8.301	-8.272	-8.039	-7.643	-7.143	-6.594	-6.023
2121	21.20	-5.439	-4.849	-4.268	-3.732	-3.284	-2.961	-2.777	-2.711	-2.712	-2.700
2131	21.30	-2.583	-2.265	-1.659	-0.696	0.658	2.398	4.466	6.740	9.062	11.250
2141	21.40	13.032	14.276	14.828	14.642	13.794	12.481	11.005	9.710	8.901	8.759
2151	21.50	9.271	10.227	11.268	11.994	12.595	13.445	14.205	14.497	14.842	15.579
2161	21.60	4.843	4.678	4.966	5.519	6.162	6.775	7.288	7.644	7.759	7.504
2171	21.70	6.748	5.415	3.557	1.372	-0.822	-2.685	-3.961	-4.563	-4.599	-4.322
2181	21.80	-4.038	-3.999	-4.326	-4.996	-5.870	-6.755	-7.463	-7.848	-7.818	-7.336
2191	21.90	-6.421	-5.162	-3.731	-2.379	-1.403	-1.072	-1.546	-2.806	-4.641	-6.696
2201	22.00	-8.574	-9.955	-10.680	-10.779	-10.427	-9.856	-9.262	-8.751	-8.332	-7.956
2211	22.10	-7.573	-7.165	-6.750	-6.348	-5.945	-5.480	-4.870	-4.060	-3.076	-2.053
2221	22.20	-1.195	-0.699	-0.663	-1.022	-1.556	-1.961	-1.967	-1.451	-0.488	0.675
2231	22.30	1.711	2.345	2.447	2.072	1.418	0.737	0.240	0.041	0.148	0.510
2241	22.40	1.074	1.820	2.757	3.884	5.144	6.394	7.437	8.081	8.227	7.918
2251	22.50	7.348	6.802	6.550	6.748	7.374	8.236	9.033	9.465	9.335	8.612
2261	22.60	7.432	6.046	4.742	3.752	3.196	3.064	3.237	3.536	3.774	3.822
2271	22.70	3.618	3.177	2.570	1.880	1.176	0.485	-0.208	-0.936	-1.720	-2.532
2281	22.80	-3.291	-3.871	-4.147	-4.043	-3.579	-2.880	-2.150	-1.621	-1.485	-1.842
2291	22.90	-2.669	-3.843	-5.166	-6.425	-7.425	-8.022	-8.138	-7.762	-6.963	-5.884
2301	23.00	-4.739	-3.780	-3.243	-3.283	-3.910	-4.967	-6.149	-7.089	-7.453	-7.047
2311	23.10	-5.871	-4.117	-2.098	-0.158	1.423	2.492	3.028	3.111	2.879	2.481
2321	23.20	2.056	1.731	1.613	1.791	2.307	3.134	4.161	5.211	6.088	6.634
2331	23.30	6.789	6.604	6.223	5.822	5.538	5.431	5.470	5.574	5.666	5.711
2341	23.40	5.733	5.789	5.918	6.103	6.259	6.262	6.001	5.461	4.668	3.778
2351	23.50	3.028	2.563	2.459	2.686	3.116	3.563	3.854	3.850	3.474	2.715
2361	23.60	1.609	0.237	-1.288	-2.823	-4.206	-5.280	-5.920	-6.053	-5.731	-5.028
2371	23.70	-4.122	-3.208	-2.471	-2.053	-2.032	-2.421	-3.166	-4.163	-5.270	-6.337
2381	23.80	-7.226	-7.842	-8.150	-8.180	-8.010	-7.742	-7.467	-7.236	-7.045	-6.862
2391	23.90	-6.627	-6.287	-5.810	-5.193	-4.459	-3.649	-2.823	-2.058	-1.443	-1.066
2401	24.00	-0.993	-1.235	-1.724	-2.309	-2.781	-2.918	-2.553	-1.620	-0.184	1.574
2411	24.10	3.400	5.023	6.220	6.852	6.883	6.378	5.483	4.339	3.325	2.468
2421	24.20	1.964	1.866	2.132	2.635	3.194	3.631	3.822	3.730	3.415	3.002
2431	24.30	2.634	2.411	2.361	2.422	2.473	2.370	2.004	1.339	0.434	-0.563
2441	24.40	-1.446	-1.998	-2.053	-1.542	-0.532	0.785	2.121	3.172	3.700	3.601
2451	24.50	2.938	1.915	0.805	-0.149	-0.806	-1.170	-1.360	-1.545	-1.853	-2.315
2461	24.60	-2.856	-3.332	-3.608	-3.622	-3.410	-3.094	-2.813	-2.659	-2.632	-2.645
2471	24.70	-2.565	-2.289	-1.793	-1.158	-0.542	-0.125	-0.034	-0.300	-0.860	-1.484
2481	24.80	-2.025	-2.277	-2.128	-1.566	-0.681	0.353	1.323	2.022	2.306	2.126
2491	24.90	1.569	0.737	-0.094	-0.757	-1.058	-1.024	-0.710	-0.258	0.179	0.488

Table 7—36—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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	0.631	0.640	0.592	0.568	0.625	0.784	1.045	1.395	1.831	2.351
2511	25.10	2.938	3.549	4.105	4.504	4.653	4.500	4.064	3.432	2.738	2.134
2521	25.20	1.738	1.615	1.755	2.081	2.464	2.753	2.805	2.519	1.868	0.917
2531	25.30	-0.180	-1.206	-1.943	-2.227	-2.008	-1.367	-0.492	0.380	1.061	1.367
2541	25.40	1.348	1.081	0.625	0.142	-0.334	-0.800	-1.275	-1.769	-2.258	-2.692
2551	25.50	-3.022	-3.235	-3.368	-3.502	-3.717	-4.053	-4.478	-4.899	-5.193	-5.261
2561	25.60	-5.074	-4.677	-4.168	-3.646	-3.169	-2.728	-2.266	-1.710	-1.034	-0.268
2571	25.70	0.503	1.171	1.664	1.976	2.173	2.361	2.636	3.024	3.475	3.863
2581	25.80	4.038	3.895	3.416	2.692	1.895	1.225	0.844	0.819	1.108	1.577
2591	25.90	2.049	2.355	2.389	2.119	1.587	0.875	0.080	-0.714	-1.436	-2.019
2601	26.00	-2.393	-2.480	-2.213	-1.567	-0.589	0.584	1.740	2.632	3.046	2.851
2611	26.10	2.058	0.811	-0.641	-2.007	-3.023	-3.513	-3.427	-2.839	-1.927	-0.922
2621	26.20	-0.046	0.539	0.770	0.687	0.411	0.090	-0.163	-0.322	-0.460	-0.720
2631	26.30	-1.244	-2.097	-3.206	-4.361	-5.263	-5.629	-5.292	-4.266	-2.750	-1.063
2641	26.40	0.460	1.568	2.150	2.240	1.962	1.468	0.880	0.272	-0.308	-0.817
2651	26.50	-1.199	-1.394	-1.375	-1.180	-0.917	-0.737	-0.768	-1.050	-1.506	-1.954
2661	26.60	-2.178	-2.014	-1.418	-0.492	0.555	1.491	2.139	2.442	2.462	2.348
2671	26.70	2.273	2.370	2.706	3.268	4.004	4.820	5.618	6.292	6.743	6.891
2681	26.80	6.695	6.176	5.431	4.616	3.909	3.458	3.337	3.527	3.933	4.418
2691	26.90	4.856	5.162	5.297	5.258	5.048	4.662	4.093	3.354	2.505	1.658
2701	27.00	0.962	0.552	0.493	0.746	1.161	1.523	1.625	1.341	0.674	-0.249
2711	27.10	-1.223	-2.044	-2.585	-2.837	-2.903	-2.947	-3.123	-3.518	-4.120	-4.842
2721	27.20	-5.566	-6.208	-6.753	-7.263	-7.837	-8.560	-9.446	-10.421	-11.337	-12.025
2731	27.30	-12.351	-12.262	-11.798	-11.061	-10.176	-9.237	-8.288	-7.526	-6.331	-5.299
2741	27.40	-4.262	-3.282	-2.430	-1.749	-1.238	-0.855	-0.540	-0.244	0.050	0.331
2751	27.50	0.575	0.770	0.931	1.093	1.284	1.500	1.696	1.798	1.748	1.549
2761	27.60	1.288	1.129	1.259	1.827	2.874	4.331	6.017	7.722	9.267	10.547
2771	27.70	11.541	12.272	12.760	12.983	12.876	12.558	11.939	10.965	8.732	7.398
2781	27.80	6.417	5.964	6.070	6.620	7.386	8.102	8.535	8.539	8.075	7.186
2791	27.90	5.967	4.522	2.944	1.306	-0.335	-1.923	-3.406	-4.737	-5.882	-6.834
2801	28.00	-7.603	-8.210	-8.676	-9.004	-9.180	-9.189	-9.027	-8.727	-8.364	-8.046
2811	28.10	-7.891	-7.982	-8.339	-8.896	-9.514	-10.017	-10.247	-10.120	-9.656	-8.976
2821	28.20	-8.265	-7.707	-7.421	-7.423	-7.621	-7.856	-7.958	-7.808	-7.374	-6.709
2831	28.30	-5.918	-5.112	-4.366	-3.692	-3.076	-2.450	-1.766	-0.986	-0.085	0.984
2841	28.40	2.193	3.632	5.280	7.076	8.879	10.482	11.656	12.218	12.091	11.346
2851	28.50	10.189	8.909	7.805	7.106	6.927	7.260	8.001	8.992	10.067	11.075
2861	28.60	11.892	12.617	12.579	12.336	11.693	10.709	9.494	8.189	6.936	5.844
2871	28.70	4.975	4.364	3.938	3.744	3.751	3.954	4.323	4.779	5.183	5.352
2881	28.80	5.100	4.299	2.925	1.081	-1.024	-3.122	-4.953	-6.326	-7.165	-7.420
2891	28.90	-7.237	-6.733	-6.063	-5.383	-4.835	-4.536	-4.565	-4.940	-5.611	-6.461
2901	29.00	-7.333	-8.073	-8.579	-8.828	-8.879	-8.843	-8.829	-8.901	-9.050	-9.204
2911	29.10	-9.259	-9.136	-8.809	-8.318	-7.765	-7.183	-6.693	-6.291	-5.953	-5.636
2921	29.20	-5.300	-4.923	-4.695	-4.004	-3.428	-2.742	-1.936	-1.041	-0.154	0.588
2931	29.30	1.042	1.115	0.831	0.248	-0.368	-0.803	-0.869	-0.477	0.344	1.468
2941	29.40	2.719	3.930	4.975	5.784	6.334	6.630	6.691	6.551	6.262	5.901
2951	29.50	5.558	5.315	5.220	5.268	5.406	5.569	5.620	5.577	5.428	5.218
2961	29.60	5.007	4.839	4.727	4.649	4.574	4.476	4.353	4.226	4.133	4.104
2971	29.70	4.153	4.272	4.432	4.591	4.702	4.719	4.598	4.316	3.871	3.300
2981	29.80	2.677	2.099	1.653	1.387	1.279	1.229	1.087	0.692	-0.076	-1.261
2991	29.90	-2.813	-4.607	-6.466	-8.199	-9.633	-10.631	-11.110	-11.055	-10.533	-9.691

Table 7—36—7 TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1183 713-GR-1-1 HA. (HA.) YOSHIDAGAWA EMB. MAX. ACC. = 25.372 (GAL) T= 1.35 (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)
3001	30.00	-8.739	-7.910	-7.390	-7.258	-7.668	-7.757	-7.912	-7.666	-6.894	-5.651
3011	30.10	-4.162	-2.754	-1.741	-1.334	-1.575	-2.348	-3.433	-4.588	-5.615	-6.385
3021	30.20	-6.836	-6.942	-6.693	-6.092	-5.178	-4.053	-2.889	-1.891	-1.240	-1.010
3031	30.30	-1.130	-1.381	-1.463	-1.100	-0.139	1.385	3.258	5.159	6.767	7.864
3041	30.40	8.386	8.419	8.133	7.709	7.269	6.860	6.477	6.109	5.777	5.566
3051	30.50	5.495	5.659	5.992	6.354	6.557	6.434	5.919	5.091	4.154	3.575
3061	30.60	2.981	3.078	3.616	4.418	5.250	5.906	6.276	6.346	6.175	5.830
3071	30.70	5.348	4.718	3.914	2.932	1.826	0.702	-0.316	-1.144	-1.779	-2.299
3081	30.80	-2.818	-3.418	-4.088	-4.706	-5.080	-5.027	-4.465	-3.464	-2.243	-1.105
3091	30.90	-0.332	-0.103	-0.439	-1.216	-2.222	-3.233	-4.079	-4.675	-5.016	-5.147
3101	31.00	-5.133	-5.033	-4.891	-4.737	-4.592	-4.470	-4.378	-4.313	-4.267	-4.231
3111	31.10	-4.195	-4.151	-4.077	-3.934	-3.662	-3.198	-2.500	-1.578	-0.508	0.576
3121	31.20	1.515	2.175	2.495	2.499	2.293	2.017	1.806	1.747	1.868	2.143
3131	31.30	2.518	2.928	3.314	3.624	3.813	3.868	3.726	3.479	3.182	2.961
3141	31.40	2.860	3.014	3.416	4.022	4.748	5.502	6.209	6.824	7.322	7.681
3151	31.50	7.871	7.862	7.637	7.223	6.687	6.124	5.618	5.202	4.864	4.468
3161	31.60	3.995	3.405	2.756	2.171	1.782	1.661	1.771	1.972	2.075	1.929
3171	31.70	1.485	0.818	0.090	-0.537	-0.977	-1.259	-1.506	-1.863	-2.409	-3.118
3181	31.80	-3.856	-4.155	-4.792	-4.851	-4.727	-4.583	-4.563	-4.727	-5.030	-5.353
3191	31.90	-5.573	-5.632	-5.567	-5.491	-5.561	-5.807	-6.295	-6.924	-7.563	-8.081
3201	32.00	-8.390	-8.459	-8.300	-7.947	-7.435	-6.795	-6.059	-5.274	-4.503	-3.813
3211	32.10	-3.262	-2.883	-2.687	-2.666	-2.808	-3.095	-3.491	-3.930	-4.304	-4.481
3221	32.20	-4.341	-3.830	-2.996	-1.986	-1.010	-0.268	0.120	0.155	-0.060	-0.369
3231	32.30	-0.636	-0.797	-0.866	-0.894	-0.928	-0.956	-0.914	-0.723	-0.354	0.135
3241	32.40	0.600	0.868	0.819	0.456	-0.076	-0.536	-0.682	-0.376	0.361	1.350

Table 7—37—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1184 713-GR-1-1 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -15.365 (GAL) T= 2.08 (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	-3.745	-3.733	-3.115	-1.754	0.244	2.551	4.731	6.397	7.350	7.624
11	0.10	7.430	7.025	6.582	6.123	5.556	4.776	3.795	2.793	2.075	1.935
21	0.20	2.492	3.579	4.758	5.452	5.157	3.648	1.078	-2.038	-4.977	-7.017
31	0.30	-7.632	-6.824	-4.154	-0.696	3.082	6.448	8.765	9.625	8.961	7.079
41	0.40	4.604	2.300	0.834	0.527	1.216	2.288	2.360	2.360	0.379	-2.689
51	0.50	-5.961	-8.335	-8.916	-7.379	-4.118	-0.100	3.497	5.725	6.201	5.188
61	0.60	3.431	1.811	0.995	1.221	2.289	3.738	5.095	6.077	6.650	6.960
71	0.70	7.166	7.311	7.268	6.814	5.757	4.072	1.952	-0.239	-2.096	-3.314
81	0.80	-3.793	-3.655	-3.184	-2.712	-2.506	-2.691	-3.215	-3.876	-4.369	-4.362
91	0.90	-3.577	-1.870	0.706	3.869	7.137	9.920	11.656	11.972	10.804	8.439
101	1.00	5.453	2.567	0.445	-0.486	-0.152	1.158	2.889	4.383	5.075	4.649
111	1.10	3.123	0.832	-1.683	-3.841	-5.204	-5.605	-5.190	-4.354	-3.588	-3.296
121	1.20	-3.639	-4.471	-5.385	-5.864	-5.464	-3.984	-1.530	1.512	4.609	7.242
131	1.30	9.046	9.875	9.776	8.913	7.470	5.581	3.326	0.762	-2.010	-4.805
141	1.40	-7.353	-9.366	-10.521	-10.735	-10.012	-8.538	-6.601	-4.514	-2.528	-0.788
151	1.50	0.665	1.850	2.778	3.398	3.589	3.201	2.149	0.504	-1.453	-3.254
161	1.60	-4.360	-4.339	-3.032	-0.663	2.188	4.735	6.225	6.186	4.582	1.832
171	1.70	-1.322	-4.054	-5.703	-5.950	-4.874	-2.874	-0.504	1.710	3.405	4.648
181	1.80	4.903	4.963	4.850	4.742	4.727	4.768	4.829	4.715	4.325	3.609
191	1.90	2.628	1.559	0.660	0.137	0.294	0.947	1.898	2.730	2.974	2.257
201	2.00	0.432	-2.366	-5.766	-9.177	-12.132	-14.222	-15.280	-15.365	-14.707	-13.616
211	2.10	-12.381	-11.198	-10.129	-9.101	-7.951	-6.493	-4.600	-2.283	0.278	2.750
221	2.20	4.733	5.892	6.079	5.405	4.226	3.021	2.221	2.050	2.439	3.064
231	2.30	3.492	3.581	2.581	1.291	-0.114	-1.197	-1.659	-1.442	-0.756	0.030
241	2.40	0.550	0.599	0.210	-0.370	-0.788	-0.734	-0.073	1.098	2.277	3.665
251	2.50	4.295	4.171	3.344	2.110	0.933	0.292	0.519	1.656	3.405	5.188
261	2.60	6.308	6.174	4.501	1.426	-2.532	-6.624	-10.104	-12.444	-13.448	-13.238
271	2.70	-12.133	-10.463	-8.544	-6.447	-4.243	-2.003	0.119	1.888	3.062	3.511
281	2.80	3.289	2.665	1.929	1.463	1.415	1.750	2.266	2.702	2.843	2.600
291	2.90	2.011	1.194	0.276	-0.641	-1.487	-2.199	-2.695	-2.888	-2.719	-2.214
301	3.00	-1.502	-0.789	-0.283	-0.113	-0.274	-0.641	-1.035	-1.318	-1.447	-1.472
311	3.10	-1.469	-1.450	-1.315	-0.869	0.080	1.603	3.560	5.605	7.271	8.123
321	3.20	7.892	6.548	4.285	1.439	-1.606	-4.493	-6.903	-8.561	-9.227	-8.752
331	3.30	-7.140	-4.631	-1.704	1.002	2.858	3.439	2.675	0.882	-1.363	-3.317
341	3.40	-4.474	-4.520	-3.464	-1.552	0.846	3.347	5.620	7.399	8.481	8.735
351	3.50	8.135	6.813	5.067	3.318	1.999	1.405	1.586	2.310	3.146	3.619
361	3.60	3.386	2.358	0.724	-1.125	-2.733	-3.723	-3.894	-3.251	-1.978	-0.373
371	3.70	1.218	2.476	3.163	3.180	2.602	1.60	0.744	0.192	0.258	0.964
381	3.80	2.077	3.180	3.830	3.731	2.862	1.491	0.074	-0.927	-1.218	-0.788
391	3.90	0.113	1.082	1.730	1.815	1.308	0.358	-0.792	-1.899	-2.784	-3.338
401	4.00	-3.496	-3.213	-2.467	-1.290	0.191	1.736	3.040	3.812	3.892	3.317
411	4.10	2.334	1.321	0.657	0.590	1.154	2.169	3.324	4.288	4.828	4.862
421	4.20	4.444	3.704	2.773	1.731	0.612	-0.562	-1.720	-2.714	-3.339	-3.394
431	4.30	-2.779	-1.556	0.060	1.460	2.956	3.704	3.883	3.678	3.395	3.330
441	4.40	3.637	4.262	4.963	5.419	5.368	4.721	3.603	2.297	1.114	0.264
451	4.50	-0.230	-0.530	-0.891	-1.524	-2.486	-3.641	-4.710	-5.398	-5.520	-5.086
461	4.60	-4.296	-3.446	-2.799	-2.473	-2.394	-2.340	-2.047	-1.334	-0.184	1.240
471	4.70	2.656	3.764	4.347	4.329	3.778	2.860	1.777	0.703	-0.243	-1.005
481	4.80	-1.572	-1.961	-2.202	-2.324	-2.355	-2.307	-2.171	-1.920	-1.521	-0.968
491	4.90	-0.314	0.317	0.745	0.785	0.325	-0.616	-1.858	-3.099	-3.998	-4.287

Table 7—37—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1184 713-GR-1-1 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -15.365 (GAL) T= 2.08 (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	-3.858	-2.799	-1.359	0.135	1.374	2.146	2.366	2.059	1.322	0.290
511	5.10	-0.878	-2.003	-2.895	-3.384	-3.381	-2.946	-2.309	-1.833	-1.886	-2.682
521	5.20	-4.147	-5.881	-7.260	-7.659	-6.703	-4.454	-1.439	1.507	3.531	4.066
531	5.30	3.036	0.869	-1.679	-3.807	-4.951	-4.938	-3.970	-2.467	-0.858	0.581
541	5.40	1.777	2.780	3.642	4.300	4.571	4.229	3.151	1.428	-0.609	-2.482
551	5.50	-3.761	-4.142	-3.749	-2.915	-2.144	-1.899	-2.426	-3.670	-5.300	-6.832
561	5.60	-7.789	-7.844	-6.901	-5.100	-2.753	-0.252	2.024	3.784	4.865	5.246
571	5.70	5.030	4.410	3.617	2.866	2.310	2.011	1.938	1.989	2.029	1.936
581	5.80	1.632	1.105	0.400	-0.387	-1.143	-1.762	-2.169	-2.333	-2.276	-2.056
591	5.90	-1.747	-1.408	-1.060	-0.679	-0.207	0.410	1.191	2.086	2.989	3.765
601	6.00	4.301	4.549	4.548	4.404	4.240	4.139	4.095	4.007	3.707	3.021
611	6.10	1.839	0.165	-1.858	-3.967	-5.822	-7.086	-7.503	-6.970	-5.588	-3.658
621	6.20	-1.627	0.021	0.909	0.881	0.071	-1.135	-2.221	-2.730	-2.427	-1.389
631	6.30	0.028	1.337	2.118	2.183	1.667	0.859	0.239	0.091	0.477	1.208
641	6.40	1.947	2.378	2.346	1.915	1.313	0.794	0.505	0.411	0.327	0.032
651	6.50	-0.592	-1.469	-2.343	-2.879	-2.829	-2.553	-1.066	0.032	0.717	0.709
661	6.60	-0.015	-1.203	-2.431	-3.250	-3.352	-2.657	-1.323	0.343	1.999	3.184
671	6.70	4.378	5.001	5.353	5.545	5.638	5.627	5.467	5.121	4.609	4.020
681	6.80	3.485	3.124	2.978	2.973	2.933	2.640	1.932	0.782	-0.655	-2.084
691	6.90	-3.157	-3.601	-3.317	-2.418	-1.187	0.040	0.993	1.564	1.820	1.938
701	7.00	2.102	2.399	2.785	3.112	3.220	3.031	2.602	2.100	1.713	1.543
711	7.10	1.530	1.465	1.075	0.157	-1.297	-3.070	-4.774	-5.994	-6.457	-6.140
721	7.20	-5.281	-4.280	-3.522	-3.213	-3.284	-3.413	-3.461	-2.662	-0.298	2.227
731	7.30	4.933	7.222	8.581	8.758	7.837	6.190	4.323	2.690	1.538	0.859
741	7.40	0.440	0.009	-0.623	-1.457	-2.314	-2.931	-3.097	-2.774	-2.129	-1.468
751	7.50	-1.099	-1.188	-1.677	-2.304	-2.715	-2.621	-1.925	-0.759	0.564	1.686
761	7.60	2.337	2.416	1.997	1.263	0.414	-0.403	-1.110	-1.662	-1.997	-2.011
771	7.70	-1.574	-0.590	0.936	2.858	4.926	6.841	8.349	9.300	9.666	9.492
781	7.80	8.845	7.766	6.270	4.378	2.173	-0.180	-2.451	-4.407	-5.885	-6.839
791	7.90	-7.337	-7.498	-7.427	-7.153	-6.641	-5.839	-4.759	-3.529	-2.392	-1.634
801	8.00	-1.471	-1.949	-2.907	-4.011	-4.870	-5.168	-4.778	-3.808	-2.560	-1.429
811	8.10	-0.770	-0.790	-1.479	-2.619	-3.851	-4.781	-5.103	-4.688	-3.623	-2.185
821	8.20	-0.745	0.353	0.917	0.968	0.728	0.528	0.671	1.310	2.386	3.659
831	8.30	4.805	5.554	5.786	5.565	5.079	4.551	4.132	3.858	3.665	3.456
841	8.40	3.173	2.828	2.482	2.186	1.921	1.581	1.018	0.123	-1.092	-2.458
851	8.50	-3.695	-4.512	-4.728	-4.341	-3.534	-2.583	-1.745	-1.154	-0.780	-0.482
861	8.60	-0.097	0.453	1.110	1.704	2.038	1.986	1.567	0.939	0.335	-0.046
871	8.70	-0.131	-0.002	0.133	0.038	-0.447	-1.341	-2.507	-3.721	-4.771	-5.458
881	8.80	-5.821	-5.934	-5.931	-5.913	-5.894	-5.788	-5.460	-4.795	-3.763	-2.446
891	8.90	-1.018	0.314	1.388	2.133	2.580	2.829	2.996	3.165	3.362	3.566
901	9.00	3.739	3.849	3.884	3.840	3.699	3.426	2.963	2.363	1.625	0.893
911	9.10	0.323	0.029	0.021	0.180	0.297	0.179	-0.244	-0.843	-1.323	-1.329
921	9.20	-0.622	0.788	2.592	4.278	5.316	5.969	6.126	5.809	5.026	-0.433
931	9.30	-1.296	-1.592	-1.596	-1.677	-2.121	-3.016	-4.249	-5.596	-6.852	-7.906
941	9.40	-8.746	-9.378	-9.739	-9.661	-8.929	-7.412	-5.206	-2.678	-0.391	1.104
951	9.50	1.507	0.930	-0.106	-0.864	-0.688	0.705	3.092	5.812	8.034	9.087
961	9.60	8.727	7.213	5.175	3.329	2.178	1.825	1.974	2.115	1.785	0.800
971	9.70	-0.657	-2.109	-2.996	-2.899	-1.711	0.333	2.757	5.023	6.701	7.586
981	9.80	7.704	7.252	6.490	5.653	4.894	4.279	3.806	3.431	3.086	2.690
991	9.90	2.154	1.408	0.428	-0.747	-1.986	-3.107	-3.923	-4.305	-4.228	-3.791

Table 7—37—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1184 713-GR-1-1 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -15.365 (GAL) T= 2.08 (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	-3.180	-2.611	-2.254	-2.187	-2.377	-2.717	-3.067	-3.316	-3.409	-3.353
1011	10.10	-3.186	-2.949	-2.651	-2.267	-1.757	-1.099	-0.312	0.527	1.307	1.915
1021	10.20	2.282	2.412	2.380	2.303	2.284	2.363	2.492	2.544	2.367	1.854
1031	10.30	1.004	-0.054	-1.088	-1.833	-2.079	-1.746	-0.903	0.251	1.461	2.492
1041	10.40	3.188	3.492	3.426	3.054	2.451	1.695	0.885	0.153	-0.333	-0.405
1051	10.50	0.038	0.972	2.214	3.453	4.333	4.570	4.050	2.871	1.318	-0.240
1061	10.60	-1.463	-2.139	-2.233	-1.863	-1.242	-0.605	-0.146	0.007	-0.199	-0.750
1071	10.70	-1.571	-2.529	-3.446	-4.132	-4.431	-4.277	-3.730	-2.969	-2.264	-1.791
1081	10.80	-1.749	-2.117	-2.757	-3.452	-3.980	-4.186	-4.000	-3.434	-2.561	-1.392
1091	10.90	-0.066	1.336	2.668	3.752	4.409	4.533	4.145	3.421	2.643	2.108
1101	11.00	2.016	2.383	3.030	3.655	3.946	3.707	2.926	1.771	0.513	-0.583
1111	11.10	-1.347	-1.743	-1.845	-1.774	-1.629	-1.449	-1.217	-0.898	-0.483	-0.012
1121	11.20	0.434	0.763	0.920	0.905	0.778	0.623	0.517	0.494	0.533	0.574
1131	11.30	0.530	0.325	-0.097	-0.753	-1.619	-2.621	-3.639	-4.507	-5.063	-5.084
1141	11.40	-4.542	-3.547	-1.963	-0.368	1.015	1.909	2.170	1.835	1.114	0.320
1151	11.50	-0.239	-0.363	-0.329	0.612	1.297	1.757	1.823	1.482	0.871	0.211
1161	11.60	-0.298	-0.565	-0.643	-0.697	-0.923	-1.440	-2.222	-3.088	-3.764	-3.986
1171	11.70	-3.606	-2.655	-1.332	0.069	1.258	2.042	2.373	2.330	2.065	1.729
1181	11.80	1.627	1.200	1.047	0.957	0.933	0.990	1.135	1.327	1.488	1.490
1191	11.90	1.215	0.598	-0.328	-1.424	-2.473	-3.238	-3.524	-3.242	-2.433	-1.270
1201	12.00	-0.017	1.028	1.613	1.596	0.992	-0.018	-1.136	-2.030	-2.438	-2.265
1211	12.10	-1.616	-0.771	-0.084	0.145	-0.207	-1.038	-2.056	-2.883	-3.199	-2.856
1221	12.20	-1.920	-0.629	0.712	1.847	2.651	3.142	3.223	3.604	3.732	3.776
1231	12.30	3.664	3.352	2.873	2.348	1.939	1.768	1.838	2.016	2.071	1.770
1241	12.40	0.986	-0.233	-1.666	-2.991	-3.903	-4.228	-3.979	-3.344	-2.605	-2.033
1251	12.50	-1.739	-1.890	-2.226	-2.624	-2.923	-3.029	-2.924	-2.640	-2.213	-1.654
1261	12.60	-0.945	-0.064	0.967	2.056	3.046	3.754	4.043	3.876	3.344	2.631
1271	12.70	1.948	1.445	1.146	0.954	0.696	0.220	-0.518	-1.412	-2.237	-2.727
1281	12.80	-2.690	-2.085	-1.060	0.200	1.371	2.288	2.892	3.235	3.410	3.468
1291	12.90	3.377	3.038	2.361	1.350	0.158	-0.948	-1.681	-1.872	-1.573	-1.071
1301	13.00	-0.791	-1.123	-2.246	-4.014	-5.979	-7.536	-8.132	-7.476	-5.666	-3.062
1311	13.10	-0.345	1.893	3.231	3.548	3.012	1.986	0.684	0.042	-0.354	-0.281
1321	13.20	0.170	0.851	1.622	2.379	3.070	3.681	4.221	4.701	5.117	5.442
1331	13.30	5.624	5.590	5.272	4.626	3.667	2.474	1.188	-0.015	-0.973	-1.576
1341	13.40	-1.795	-1.692	-1.393	-1.057	-0.824	-0.782	-0.947	-1.260	-1.610	-1.870
1351	13.50	-1.931	-1.745	-1.335	-0.793	-0.246	0.188	0.448	0.552	0.583	0.652
1361	13.60	0.832	1.117	1.401	1.519	1.304	0.671	-0.344	-1.583	-2.813	-3.812
1371	13.70	-4.437	-4.662	-4.565	-4.270	-3.888	-3.469	-2.995	-2.411	-1.669	-0.765
1381	13.80	0.265	1.266	2.199	2.969	3.545	3.932	4.160	4.268	4.290	4.259
1391	13.90	4.200	4.127	4.028	3.865	3.578	3.113	2.462	1.686	0.915	0.308
1401	14.00	-0.010	-0.011	0.216	0.491	0.620	0.484	0.097	-0.388	-0.754	-0.819
1411	14.10	-0.526	0.022	0.600	0.961	0.941	0.530	-0.133	-0.831	-1.366	-1.648
1421	14.20	-1.717	-1.704	-1.760	-1.975	-2.349	-2.806	-3.250	-3.626	-3.943	-4.257
1431	14.30	-4.621	-5.029	-5.397	-5.589	-5.475	-5.002	-4.227	-3.307	-2.432	-1.752
1441	14.40	-1.308	-1.018	-0.716	-0.228	0.552	1.610	2.814	3.963	4.860	5.385
1451	14.50	5.530	5.398	5.154	4.964	4.932	5.065	5.279	5.433	5.382	5.036
1461	14.60	4.384	3.505	2.531	1.604	0.828	0.243	-0.176	-0.495	-0.780	-1.067
1471	14.70	-1.342	-1.552	-1.634	-1.547	-1.293	-0.926	-0.534	-0.217	-0.058	-0.106
1481	14.80	-0.364	-0.792	-1.316	-1.839	-2.264	-2.513	-2.558	-2.432	-2.230	-2.084
1491	14.90	-2.120	-2.399	-2.887	-3.454	-3.912	-4.089	-3.900	-3.390	-2.725	-2.127

Table 7—37—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1184 713-GR-1-1 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -15.365 (GAL) T= 2.08 (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	-1.787	-1.781	-2.036	-2.352	-2.487	-2.249	-1.574	-0.559	0.577	1.566
1511	15.10	2.176	2.277	1.867	1.050	-0.003	-1.102	-2.077	-2.796	-3.178	-3.192
1521	15.20	-2.866	-2.286	-1.586	-0.919	-0.423	-0.172	-0.161	-0.301	-0.462	-0.527
1531	15.30	-0.436	-0.216	0.042	0.224	0.259	0.154	0.004	-0.047	0.133	0.599
1541	15.40	1.298	2.084	2.766	3.185	3.274	3.082	2.752	2.456	2.328	2.406
1551	15.50	2.622	2.837	2.902	2.725	2.314	1.777	1.272	0.966	0.871	1.012
1561	15.60	1.237	1.372	1.264	0.948	0.170	-0.614	-1.290	-1.650	-1.551	-0.965
1571	15.70	0.018	1.210	2.369	3.262	3.711	3.639	3.075	2.144	1.028	-0.085
1581	15.80	-1.051	-1.796	-2.330	-2.719	-3.047	-3.372	-3.699	-3.979	-4.132	-4.092
1591	15.90	-3.842	-3.434	-2.979	-2.611	-2.438	-2.505	-2.776	-3.147	-3.483	-3.656
1601	16.00	-3.587	-3.260	-2.717	-2.035	-1.297	-0.563	0.140	0.815	1.483	2.163
1611	16.10	2.849	3.513	4.109	4.592	4.940	5.166	5.316	5.464	5.577	5.695
1621	16.20	5.725	5.573	5.108	4.520	3.745	3.034	2.593	2.537	2.827	3.247
1631	16.30	3.467	3.172	2.190	0.508	-1.335	-3.151	-4.468	-5.081	-5.052	-4.666
1641	16.40	-4.290	-4.194	-4.425	-4.776	-4.897	-4.466	-3.362	-1.750	-0.027	1.337
1651	16.50	2.001	1.901	1.279	0.569	0.207	0.444	1.243	2.317	3.265	3.758
1661	16.60	3.677	3.142	2.426	1.815	1.458	1.315	1.200	0.896	0.292	-0.541
1671	16.70	-1.372	-1.912	-1.966	-1.440	-0.548	0.450	1.281	1.789	1.978	1.980
1681	16.80	1.950	1.967	1.977	1.821	1.323	0.405	-0.849	-2.204	-3.360	-4.079
1691	16.90	-4.289	-4.104	-3.765	-3.523	-3.511	-3.689	-3.866	-3.801	-3.333	-2.464
1701	17.00	-1.373	-0.342	0.364	0.613	0.451	0.076	-0.256	-0.333	-0.083	0.431
1711	17.10	1.053	1.611	1.985	2.139	2.098	1.909	1.594	1.143	0.535	-0.228
1721	17.20	-1.085	-1.917	-2.574	-2.929	-2.921	-2.573	-1.976	-1.250	-0.503	0.198
1731	17.30	0.829	1.390	1.884	2.301	2.617	2.808	2.860	2.775	2.569	2.265
1741	17.40	1.882	1.449	0.992	0.546	0.141	-0.207	-0.507	-0.798	-1.121	-1.498
1751	17.50	-1.896	-2.228	-2.381	-2.262	-1.854	-1.240	-0.579	-0.047	0.244	0.303
1761	17.60	0.265	0.353	0.690	1.112	2.417	3.698	4.395	4.899	4.927	4.537
1771	17.70	3.896	3.197	2.585	2.115	1.757	1.435	1.075	0.648	0.166	-0.318
1781	17.80	-0.739	-1.038	-1.170	-1.110	-0.864	-0.482	-0.074	0.206	0.192	-0.227
1791	17.90	-1.048	-2.126	-3.197	-3.969	-4.229	-3.933	-3.229	-2.393	-1.713	-1.358
1801	18.00	-1.309	-1.382	-1.324	-0.958	-0.288	0.487	1.056	1.140	0.637	-0.314
1811	18.10	-1.578	-2.157	-2.355	-1.905	-0.984	0.064	0.881	1.238	1.116	0.689
1821	18.20	0.222	0.155	-0.040	0.207	0.517	0.696	0.611	0.234	-0.373	-1.105
1831	18.30	-1.867	-2.601	-3.272	-3.836	-4.204	-4.261	-3.892	-3.053	-1.824	-0.420
1841	18.40	0.864	1.747	2.058	1.805	1.168	0.422	-0.174	-0.477	-0.505	-0.406
1851	18.50	-0.368	-0.519	-0.855	-1.250	-1.524	-1.551	-1.343	-1.044	-0.968	-1.274
1861	18.60	-2.049	-3.142	-4.220	-4.888	-4.842	-3.997	-2.524	-0.782	0.820	1.979
1871	18.70	2.599	2.795	2.809	2.890	3.172	3.637	4.141	4.500	4.584	4.364
1881	18.80	3.908	3.330	2.723	2.127	1.539	0.951	0.394	-0.051	-0.286	-0.259
1891	18.90	-0.015	0.290	0.436	0.229	-0.402	-1.362	-2.405	-3.227	-3.573	-3.336
1901	19.00	-2.586	-1.535	-0.451	0.435	0.995	1.212	1.148	0.893	0.526	0.100
1911	19.10	-0.347	-0.771	-1.113	-1.308	-1.307	-1.104	-0.732	-0.260	0.237	0.697
1921	19.20	1.084	1.372	1.542	1.574	1.460	1.226	0.946	0.744	0.753	1.068
1931	19.30	1.703	2.575	3.526	4.382	5.009	5.351	5.427	5.292	4.988	4.518
1941	19.40	3.857	2.989	1.958	0.891	-0.030	-0.630	-0.809	-0.600	-0.151	0.326
1951	19.50	0.664	0.711	0.552	0.274	0.002	-0.185	-0.279	-0.327	-0.376	-0.430
1961	19.60	-0.439	-0.332	-0.069	0.314	0.704	0.955	0.964	0.725	0.346	-0.003
1971	19.70	-0.177	-0.130	0.055	0.200	0.129	-0.249	-0.885	-1.614	-2.233	-2.602
1981	19.80	-2.707	-2.659	-2.629	-2.758	-3.080	-3.505	-3.869	-4.014	-3.863	-3.445
1991	19.90	-2.876	-2.290	-1.782	-1.376	-1.044	-0.748	-0.478	-0.265	-0.152	-0.155

Table 7—37—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1184 713-GR-1-1 U-D (U-D) YOSHIDAGAWA EMB. MAX. ACC. = -15.365 (GAL) T= 2.08 (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	-0.230	-0.280	-0.200	0.059	0.456	0.865	1.135	1.172	0.996	0.757
2011	20.10	0.667	0.908	1.536	2.441	3.381	4.075	4.316	4.053	3.402	2.595
2021	20.20	1.678	1.420	1.255	1.293	1.373	1.536	1.093	0.646	0.080	-0.482
2031	20.30	-0.920	-1.155	-1.171	-1.005	-0.739	-0.476	-0.312	-0.320	-0.537	-0.955
2041	20.40	-1.534	-2.217	-2.946	-3.669	-4.344	-4.920	-5.335	-5.514	-5.389	-4.936
2051	20.50	-4.206	-3.321	-2.473	-1.849	-1.572	-1.658	-2.003	-2.424	-2.723	-2.756
2061	20.60	-2.477	-1.936	-1.246	-0.531	0.114	0.637	1.023	1.275	1.397	1.395
2071	20.70	1.294	1.137	0.987	0.897	0.885	0.920	0.937	0.872	0.708	0.500
2081	20.80	0.354	0.384	0.640	1.069	1.529	1.846	1.899	1.689	1.345	1.067
2091	20.90	1.029	1.275	1.695	2.058	2.130	1.792	1.114	0.351	-0.162	-0.154
2101	21.00	0.664	1.542	2.751	3.701	4.092	3.818	2.988	1.871	0.777	-0.046
2111	21.10	-0.492	-0.593	-0.479	-0.299	-0.162	-0.101	-0.077	-0.011	0.177	0.535
2121	21.20	1.053	1.663	2.250	2.677	2.821	2.616	2.085	1.350	0.609	0.089
2131	21.30	-0.030	0.318	1.068	1.938	2.686	3.006	2.712	1.788	0.395	-1.172
2141	21.40	-2.567	-3.469	-3.773	-3.425	-2.625	-1.666	-0.870	-0.483	-0.602	-1.139
2151	21.50	-1.843	-2.383	-2.456	-1.901	-0.759	0.720	2.157	3.165	3.466	2.999
2161	21.60	1.919	0.547	-0.765	-1.656	-2.047	-1.960	-1.585	-1.169	-0.930	-0.983
2171	21.70	-1.322	-1.844	-2.401	-2.855	-3.128	-3.204	-3.126	-2.960	-2.766	-2.565
2181	21.80	-2.354	-2.093	-1.737	-1.259	-0.660	0.015	0.694	1.292	1.737	1.985
2191	21.90	2.030	1.903	1.656	1.345	1.019	0.707	0.419	0.147	-0.125	-0.417
2201	22.00	-0.760	-1.089	-1.427	-1.686	-1.777	-1.610	-1.129	-0.345	0.652	1.709
2211	22.10	2.649	3.330	3.690	3.766	3.655	3.479	3.307	3.123	2.836	2.337
2221	22.20	1.562	0.548	-0.559	-1.558	-2.273	-2.632	-2.699	-2.644	-2.661	-2.868
2231	22.30	-3.245	-3.639	-3.835	-3.663	-3.091	-2.255	-1.419	-0.860	-0.755	-1.098
2241	22.40	-1.697	-2.254	-2.482	-2.227	-1.523	-0.575	0.323	0.905	1.028	0.716
2251	22.50	0.130	-0.501	-0.971	-1.165	-1.083	-0.816	-0.495	-0.232	-0.082	-0.037
2261	22.60	-0.066	-0.045	0.003	0.100	0.213	0.296	0.315	0.267	0.183	0.119
2271	22.70	0.130	0.253	0.486	0.789	1.099	1.353	1.508	1.556	1.517	1.441
2281	22.80	1.370	1.333	1.329	1.337	1.328	1.282	1.199	1.095	0.997	0.928
2291	22.90	0.891	0.873	0.850	0.804	0.727	0.636	0.545	0.480	0.444	0.425
2301	23.00	0.398	0.347	0.268	0.177	0.097	0.046	0.019	-0.006	-0.058	-0.142
2311	23.10	-0.226	-0.235	-0.082	0.292	0.876	1.564	2.185	2.556	2.557	2.189
2321	23.20	1.581	0.951	0.513	0.388	0.549	0.834	1.016	0.912	0.473	-0.177
2331	23.30	-0.786	-1.073	-0.848	-0.089	1.063	2.270	3.303	3.944	4.142	3.980
2341	23.40	3.605	3.145	2.656	2.111	1.453	0.654	-0.234	-1.079	-1.718	-2.032
2351	23.50	-2.010	-1.756	-1.459	-1.304	-1.394	-1.706	-2.107	-2.418	-2.502	-2.330
2361	23.60	-1.992	-1.658	-1.493	-1.575	-1.856	-2.177	-2.330	-2.155	-1.605	-0.779
2371	23.70	0.119	0.869	1.230	1.202	0.842	0.326	-0.145	-0.423	-0.468	-0.352
2381	23.80	-0.217	-0.207	-0.403	-0.782	-1.225	-1.562	-1.641	-1.383	-0.821	-0.084
2391	23.90	0.648	1.201	1.467	1.429	1.156	0.776	0.422	0.198	0.150	0.270
2401	24.00	0.508	0.798	1.080	1.318	1.499	1.627	1.714	1.764	1.769	1.705
2411	24.10	1.543	1.266	0.852	0.346	-0.204	-0.723	-1.141	-1.413	-1.528	-1.513
2421	24.20	-1.422	-1.310	-1.218	-1.166	-1.158	-1.192	-1.274	-1.422	-1.616	-1.938
2431	24.30	-2.254	-2.517	-2.640	-2.562	-2.280	-1.859	-1.421	-1.094	-0.973	-1.073
2441	24.40	-1.330	-1.625	-1.838	-1.893	-1.789	-1.589	-1.386	-1.260	-1.233	-1.266
2451	24.50	-1.276	-1.172	-0.897	-0.450	0.115	0.706	1.228	1.609	1.808	1.825
2461	24.60	1.686	1.435	1.126	0.824	0.596	0.503	0.594	0.882	1.340	1.893
2471	24.70	2.437	2.858	3.066	3.020	2.741	2.304	1.816	1.377	1.055	0.861
2481	24.80	0.759	0.683	0.580	0.433	0.277	0.180	0.207	0.377	0.636	0.858
2491	24.90	0.888	0.607	-0.015	-0.882	-1.797	-2.521	-2.860	-2.737	-2.217	-1.484

Table 7—38—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	16.400	19.021	18.381	14.212	7.101	-1.674	-10.516	-17.924	-22.847	-24.844
11	0.10	-24.063	-21.065	-16.595	-11.384	-6.056	-1.104	3.025	5.900	7.098	6.277
21	0.20	3.310	-1.577	-7.734	-14.125	-19.503	-22.682	-22.846	-19.780	-13.971	-6.511
31	0.30	1.164	7.652	11.804	13.222	12.054	9.005	5.056	1.166	-2.983	-6.125
41	0.40	-5.407	-6.257	-7.179	-8.529	-10.352	-12.303	-13.709	-13.727	-11.594	-6.884
51	0.50	0.297	9.243	18.744	27.346	33.688	36.834	36.504	33.110	27.617	21.256
61	0.60	15.199	10.295	6.938	5.086	4.408	4.468	4.899	5.494	6.215	7.126
71	0.70	8.306	9.766	11.395	12.982	14.239	14.882	14.700	13.638	11.785	9.410
81	0.80	6.888	4.623	2.964	2.139	2.235	3.208	4.921	7.173	9.696	12.125
91	0.90	13.963	14.584	13.310	9.578	3.155	-5.661	-15.953	-26.255	-34.816	-39.988
101	1.00	-40.648	-36.516	-28.288	-17.506	-6.233	3.409	9.699	11.660	9.219	3.349
111	1.10	-5.159	-14.024	-21.822	-27.281	-29.669	-28.866	-25.325	-19.934	-13.822	-8.135
121	1.20	-3.811	-1.416	-1.047	-2.350	-4.643	-7.125	-9.099	-10.174	-10.344	-9.955
131	1.30	-9.536	-9.578	-10.332	-11.689	-13.202	-14.224	-14.120	-12.664	-9.170	-4.508
141	1.40	0.983	6.645	11.850	16.121	19.186	20.976	21.587	21.222	20.132	18.561
151	1.50	16.711	14.717	12.659	10.604	8.658	7.020	5.988	5.903	7.037	9.447
161	1.60	12.872	16.708	20.107	22.165	22.166	19.781	15.177	8.992	2.195	-4.111
171	1.70	-8.914	-11.143	-12.599	-13.802	-14.597	-14.868	-14.648	-13.734	-14.148	-13.982
181	1.80	11.366	7.027	2.102	-2.181	-4.858	-5.507	-4.347	-2.126	0.157	1.579
191	1.90	1.577	0.064	-2.613	-5.851	-9.006	-11.577	-13.281	-14.057	-13.993	-13.257
201	2.00	-12.052	-10.599	-9.146	-7.954	-7.269	-7.270	-8.018	-9.638	-11.336	-13.452
211	2.10	-15.520	-17.305	-18.613	-19.262	-19.048	-17.743	-15.129	-11.086	-5.699	0.652
221	2.20	7.279	13.266	17.637	19.615	18.829	15.478	10.325	4.568	-0.560	-3.928
231	2.30	-5.001	-3.084	-1.288	1.706	3.996	4.792	3.844	1.491	-1.504	-4.195
241	2.40	-5.752	-5.681	-3.909	-0.734	3.311	7.633	11.725	15.239	18.006	20.002
251	2.50	21.300	22.019	22.279	22.176	21.753	21.005	19.890	18.374	16.474	14.291
261	2.60	12.003	9.810	7.852	6.127	4.476	2.637	0.385	-2.309	-5.165	-7.593
271	2.70	-8.840	-8.244	-5.513	-0.916	4.703	10.113	14.041	15.542	14.295	10.675
281	2.80	5.620	0.312	-4.193	-7.254	-8.771	-9.107	-8.874	-8.676	-8.911	-9.704
291	2.90	-10.952	-12.461	-14.065	-15.691	-17.343	-19.031	-20.698	-22.202	-23.353	-23.993
301	3.00	-24.077	-23.684	-22.974	-22.088	-21.057	-19.768	-18.018	-15.628	-12.572	-9.059
311	3.10	-5.507	-2.426	-0.255	0.799	0.826	0.179	-0.646	-1.180	-1.112	-0.365
321	3.20	0.918	2.444	3.866	4.876	5.274	5.004	4.178	3.061	2.028	1.480
331	3.30	1.733	2.894	4.792	6.989	8.887	9.925	9.772	8.468	6.420	4.260
341	3.40	2.611	1.866	1.948	2.537	3.049	3.011	2.284	1.178	0.376	0.697
351	3.50	2.773	6.765	12.231	18.181	23.319	26.388	26.509	23.411	17.502	9.762
361	3.60	1.505	-5.916	-11.603	-14.307	-14.522	-12.444	-8.836	-4.621	-0.671	2.359
371	3.70	4.135	4.662	4.115	2.922	1.435	-0.054	-1.369	-2.440	-3.265	-3.870
381	3.80	-4.290	-4.573	-4.788	-5.021	-5.344	-5.769	-6.217	-6.518	-6.480	-5.985
391	3.90	-5.102	-4.135	-3.572	-3.935	-5.571	-8.461	-12.148	-15.813	-18.503	-19.432
401	4.00	-18.234	-15.087	-10.636	-5.762	-1.300	2.224	4.682	6.283	7.380	8.259
411	4.10	8.995	9.461	9.343	8.507	6.948	4.938	2.945	1.485	0.967	1.577
421	4.20	3.251	5.710	8.565	11.295	13.512	14.806	14.894	13.661	11.229	7.990
431	4.30	4.585	1.784	0.298	0.569	2.612	5.980	9.868	13.330	15.566	16.050
441	4.40	14.839	12.346	9.289	6.452	4.465	3.665	3.934	4.934	6.034	6.591
451	4.50	6.112	4.414	1.694	-1.501	-4.415	-6.297	-6.638	-5.341	-2.777	0.314
461	4.60	3.043	4.638	4.670	3.159	0.522	-2.605	-5.590	-8.006	-9.711	-10.815
471	4.70	-11.553	-12.132	-12.626	-12.956	-12.953	-12.470	-11.475	-10.094	-8.575	-7.203
481	4.80	-6.199	-5.653	-5.515	-5.641	-5.866	-6.071	-6.224	-6.363	-6.565	-6.886
491	4.90	-7.334	-7.859	-8.378	-8.811	-9.107	-9.247	-9.230	-9.033	-8.600	-7.832

Table 7—38—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-6.633	-4.963	-2.894	-0.625	1.545	3.306	4.453	4.970	5.072	5.137
511	5.10	5.578	6.668	8.403	10.451	12.240	13.133	12.672	10.762	7.753	4.357
521	5.20	1.443	-0.237	-0.286	1.215	3.736	6.467	8.564	9.380	8.629	6.432
531	5.30	3.267	-0.159	-3.059	-4.711	-4.584	-2.427	1.654	7.174	13.301	18.970
541	5.40	23.081	24.739	23.493	19.684	13.448	6.557	0.127	-4.722	-7.349	-7.744
551	5.50	-6.483	-4.515	-2.857	-2.276	-3.072	-5.016	-7.453	-9.527	-10.468	-9.836
561	5.60	-7.666	-4.468	-1.081	1.558	2.689	1.964	-0.543	-4.170	-8.036	-11.185
571	5.70	-12.883	-12.795	-11.065	-8.245	-5.115	-2.445	-0.789	-0.354	-0.988	-2.283
581	5.80	-3.726	-4.875	-5.476	-5.502	-5.134	-4.563	-4.079	-3.791	-3.696	-3.687
591	5.90	-3.617	-3.373	-2.924	-2.334	-1.723	-1.215	-0.881	-0.713	-0.622	-0.480
601	6.00	-0.161	0.416	1.272	2.373	3.644	4.979	6.244	7.271	7.867	7.853
611	6.10	7.130	5.762	4.027	2.408	1.491	1.784	3.522	6.518	10.138	13.428
621	6.20	15.366	15.161	12.505	7.678	1.474	-5.023	-10.730	-14.836	-16.961	-17.163
631	6.30	-15.626	-13.484	-10.653	-7.714	-4.891	-2.274	0.121	2.295	4.231	5.890
641	6.40	7.192	8.268	7.721	6.507	4.150	1.835	-1.676	-4.298	-6.298	-5.896
651	6.50	-5.972	-4.343	-1.261	2.591	6.239	8.664	9.100	7.262	3.456	-1.484
661	6.60	-6.417	-10.200	-11.985	-11.429	-8.739	-4.568	0.205	4.721	8.332	10.696
671	6.70	11.746	11.592	10.402	8.331	5.517	2.148	-1.469	-4.875	-7.512	-8.850
681	6.80	-8.565	-6.678	-3.601	-0.060	3.096	5.133	5.634	4.602	2.426	-0.267
691	6.90	-2.805	-4.662	-5.563	-5.499	-4.659	-3.327	-1.790	-0.280	1.036	2.038
701	7.00	2.638	2.776	2.434	1.659	0.568	-0.662	-1.838	-2.789	-3.403	-3.636
711	7.10	-3.498	-3.033	-2.299	-1.371	-0.352	0.614	1.353	1.701	1.569	1.001
721	7.20	0.201	-0.496	-0.719	-0.183	1.193	3.223	5.483	7.610	8.457	8.239
731	7.30	6.836	3.816	0.185	-3.713	-7.310	-10.102	-11.716	-11.933	-10.695	-8.111
741	7.40	-4.467	-0.118	4.348	8.358	11.333	12.790	12.420	10.159	6.211	1.053
751	7.50	-4.609	-9.933	-14.069	-16.330	-16.369	-14.200	-10.424	-5.929	-1.785	1.066
761	7.60	1.964	0.881	-1.770	-5.193	-8.462	-10.787	-11.689	-11.080	-9.106	-6.220
771	7.70	-2.868	0.601	3.787	6.427	8.295	9.227	9.167	8.199	6.543	4.506
781	7.80	2.378	0.268	-1.454	-3.110	-4.621	-5.910	-6.829	-6.831	-5.831	-3.621
791	7.90	-0.318	3.699	7.895	11.740	14.841	17.002	18.177	18.375	17.564	15.665
801	8.00	12.830	8.581	3.921	-0.659	-4.303	-6.221	-5.939	-3.461	0.717	5.744
811	8.10	10.665	14.559	16.901	17.416	16.149	13.371	9.511	5.109	0.773	-2.894
821	8.20	-5.410	-6.544	-6.411	-5.661	-4.344	-3.681	-3.825	-4.729	-5.968	-6.942
831	8.30	-7.149	-6.428	-5.043	-3.593	-2.654	-2.703	-3.728	-5.344	-6.949	-8.001
841	8.40	-8.285	-7.796	-7.042	-6.424	-6.204	-6.342	-6.525	-6.336	-5.474	-3.919
851	8.50	-1.958	-0.028	1.223	1.625	1.084	-0.181	-1.785	-3.308	-4.399	-4.815
861	8.60	-4.418	-3.156	-1.070	1.678	4.776	7.765	10.116	11.361	11.241	9.812
871	8.70	7.438	4.689	2.150	0.249	-0.854	-1.256	-1.208	-0.956	-0.630	-0.199
881	8.80	0.461	1.671	2.839	4.437	6.043	7.440	8.512	9.280	9.859	10.365
891	8.90	10.815	11.093	10.993	10.332	9.074	7.404	5.691	4.367	3.752	3.917
901	9.00	4.633	5.447	5.843	5.630	4.068	1.906	-0.711	-3.364	-5.718	-7.601
911	9.10	-8.993	-9.984	-10.570	-10.792	-10.530	-9.665	-8.156	-6.117	-3.855	-1.823
921	9.20	-0.517	-0.349	-1.523	-3.965	-7.325	-11.065	-14.483	-17.053	-18.356	-18.266
931	9.30	-16.949	-14.805	-12.367	-10.159	-8.576	-7.805	-7.808	-8.369	-9.176	-9.899
941	9.40	-10.259	-10.051	-9.185	-7.479	-5.064	-2.002	1.490	5.071	8.311	10.758
951	9.50	12.043	11.967	10.552	8.041	4.830	1.387	-1.839	-4.474	-6.244	-6.977
961	9.60	-6.604	-5.168	-2.842	0.071	3.158	5.974	8.135	9.423	9.840	9.606
971	9.70	9.086	8.677	8.685	9.256	10.335	11.717	13.094	14.132	14.530	14.067
981	9.80	12.636	10.262	7.131	3.563	-0.033	-3.262	-5.748	-7.407	-8.276	-8.565
991	9.90	-8.522	-8.317	-7.946	-7.228	-5.885	-3.680	-0.564	3.238	7.234	10.765

Table 7—38—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	13.177	13.985	13.017	10.435	6.720	2.556	-1.322	-4.273	-5.883	-6.047
1011	10.10	-4.983	-3.184	-1.295	0.039	0.339	-0.591	-2.617	-5.323	-8.129	-10.446
1021	10.20	-11.817	-12.001	-10.966	-8.955	-6.210	-3.102	0.023	2.862	5.171	6.793
1031	10.30	7.663	7.823	7.395	6.539	5.402	4.067	2.564	0.797	-1.202	-3.410
1041	10.40	-5.693	-7.832	-9.591	-10.780	-11.306	-11.182	-10.493	-9.363	-7.821	-5.992
1051	10.50	-3.937	-1.794	0.214	1.802	2.694	2.714	1.873	0.391	-1.339	-2.851
1061	10.60	-3.738	-3.761	-2.909	-1.400	0.393	2.054	3.188	3.616	3.318	2.473
1071	10.70	1.383	0.361	-0.379	-0.799	-1.054	-1.424	-2.189	-3.487	-5.212	-6.998
1081	10.80	-8.309	-8.600	-7.496	-4.926	-1.157	3.276	7.709	11.503	14.164	15.396
1091	10.90	15.102	13.353	10.364	6.475	2.144	-2.083	-5.640	-8.042	-8.988	-8.421
1101	11.00	-6.532	-3.676	-0.262	3.353	6.917	10.262	13.248	15.692	17.356	18.000
1111	11.10	17.479	15.867	13.401	10.643	8.153	6.419	5.696	5.927	6.773	7.728
1121	11.20	8.279	8.062	6.966	5.149	2.984	0.935	-0.585	-1.346	-1.373	-0.947
1131	11.30	-0.507	-0.495	-1.189	-2.565	-4.273	-5.724	-6.278	-5.476	-3.223	0.138
1141	11.40	3.901	7.189	9.194	9.397	7.677	4.305	-0.135	-5.048	-9.701	-13.620
1151	11.50	-16.500	-18.249	-18.969	-18.915	-18.433	-17.876	-17.507	-17.413	-17.468	-17.373
1161	11.60	-16.766	-15.365	-13.117	-10.233	-7.150	-4.385	-2.368	-1.305	-1.141	-1.627
1171	11.70	-2.447	-3.356	-4.240	-5.124	-6.064	-7.054	-7.960	-8.537	-8.505	-7.668
1181	11.80	-5.997	-3.651	-0.922	1.858	4.419	6.604	8.373	9.761	10.825	11.616
1191	11.90	12.189	12.623	13.051	13.652	14.601	15.992	17.776	19.721	21.449	22.523
1201	12.00	22.563	21.363	18.961	15.616	11.904	8.310	5.410	3.602	3.061	3.714
1211	12.10	5.266	7.264	9.222	10.710	11.456	11.387	10.626	9.433	8.112	6.925
1221	12.20	6.020	5.410	5.002	4.652	4.235	3.690	3.032	2.326	1.635	0.969
1231	12.30	0.255	-0.651	-1.922	-3.699	-6.027	-8.823	-11.875	-14.888	-17.547	-19.585
1241	12.40	-20.841	-21.288	-21.004	-20.187	-19.069	-17.892	-16.869	-16.156	-15.836	-15.909
1251	12.50	-16.290	-16.816	-17.276	-17.647	-17.948	-18.293	-14.929	-13.238	-11.507	-10.060
1261	12.60	-9.172	-8.979	-9.434	-10.294	-11.178	-11.663	-11.601	-10.226	-8.210	-5.656
1271	12.70	-3.021	-0.790	0.658	1.162	0.816	-0.055	-0.999	-1.570	-1.454	-0.545
1281	12.80	1.039	3.007	4.997	6.681	7.845	8.440	8.570	8.457	8.370	8.566
1291	12.90	9.219	10.389	11.992	13.817	15.561	16.899	17.569	17.449	16.603	15.283
1301	13.00	13.863	12.742	12.229	12.457	13.350	14.657	16.027	17.113	17.663	17.464
1311	13.10	16.535	14.892	12.618	9.824	6.668	3.367	0.213	-2.454	-4.304	-5.098
1321	13.20	-4.764	-3.434	-1.426	0.824	2.852	4.307	4.908	4.566	3.313	1.285
1331	13.30	-1.311	-4.212	-7.113	-9.688	-11.647	-12.802	-13.138	-12.855	-12.335	-12.050
1341	13.40	-12.407	-13.604	-15.532	-17.789	-19.792	-20.962	-20.916	-19.596	-17.279	-14.478
1351	13.50	-11.769	-9.610	-8.224	-7.579	-7.460	-7.584	-7.719	-7.732	-7.590	-7.305
1361	13.60	-6.880	-6.288	-5.496	-4.513	-3.434	-2.435	-1.721	-1.441	-1.603	-2.040
1371	13.70	-2.652	-2.693	-1.883	-0.489	1.655	4.388	7.496	10.777	14.064	17.207
1381	13.80	20.028	22.299	23.745	24.215	23.581	22.004	19.838	17.576	15.711	14.600
1391	13.90	16.361	14.868	15.812	16.823	17.577	17.872	17.633	16.885	15.702	14.181
1401	14.00	12.433	10.600	8.863	7.417	6.428	5.970	5.983	6.272	6.557	6.563
1411	14.10	6.109	5.161	3.841	2.370	0.991	-0.121	-0.909	-1.454	-1.942	-2.615
1421	14.20	-3.698	-5.341	-7.580	-10.319	-13.337	-16.335	-18.992	-21.035	-22.294	-22.738
1431	14.30	-22.461	-21.646	-20.501	-19.211	-17.902	-16.648	-15.498	-14.506	-13.747	-13.305
1441	14.40	-13.241	-13.556	-14.168	-14.917	-15.601	-16.020	-16.014	-15.496	-14.449	-12.929
1451	14.50	-11.050	-8.981	-6.936	-5.151	-3.840	-3.141	-3.066	-3.469	-4.089	-4.595
1461	14.60	-4.694	-4.202	-3.088	-1.453	0.535	2.717	4.989	7.312	9.664	11.987
1471	14.70	14.142	15.920	17.099	17.530	17.205	16.277	15.019	13.741	12.692	12.002
1481	14.80	11.669	11.606	11.706	11.892	12.136	12.440	12.789	13.124	13.346	13.358
1491	14.90	13.119	12.690	12.224	11.916	11.919	12.259	12.808	13.315	13.492	13.133

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TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	12.191	10.797	9.204	7.664	6.316	5.112	3.832	2.180	-0.070	-2.946
1511	15.10	-6.216	-9.429	-12.047	-13.622	-13.969	-13.137	-11.576	-9.810	-8.373	-7.641
1521	15.20	-7.761	-8.662	-10.136	-11.936	-13.859	-15.766	-17.554	-19.115	-20.296	-20.911
1531	15.30	-20.796	-19.877	-18.235	-16.108	-13.853	-11.852	-10.411	-9.686	-9.681	-10.164
1541	15.40	-10.937	-11.698	-12.203	-12.274	-11.813	-10.802	-9.288	-7.383	-5.243	-3.048
1551	15.50	-0.968	0.869	2.404	3.649	4.669	5.553	6.377	7.184	7.978	8.741
1561	15.60	9.451	10.098	10.688	11.234	11.747	12.220	12.662	12.996	13.285	13.530
1571	15.70	13.776	14.073	14.459	14.946	15.505	16.078	16.583	16.936	17.073	16.964
1581	15.80	16.627	16.125	15.550	14.998	14.533	14.160	13.812	13.363	12.668	11.611
1591	15.90	10.146	8.322	6.259	4.109	1.999	-0.013	-1.949	-3.881	-5.889	-8.002
1601	16.00	-10.172	-12.274	-14.140	-15.603	-16.542	-16.899	-16.683	-15.947	-14.780	-13.295
1611	16.10	-11.632	-9.961	-8.468	-7.329	-6.671	-6.539	-6.875	-7.537	-8.342	-9.117
1621	16.20	-9.745	-10.181	-10.434	-10.535	-10.496	-10.301	-9.914	-9.319	-8.558	-7.751
1631	16.30	-7.076	-6.718	-6.800	-7.316	-8.109	-8.885	-9.286	-8.979	-7.754	-5.585
1641	16.40	-2.652	0.690	3.986	6.774	8.677	9.484	9.171	7.904	5.987	3.788
1651	16.50	1.667	-0.091	-1.310	-1.925	-1.958	-1.477	-0.565	0.693	2.210	3.873
1661	16.60	5.525	6.963	7.966	8.344	7.995	6.952	5.395	3.623	1.990	0.815
1671	16.70	0.315	0.549	1.425	2.731	4.208	5.618	6.804	7.715	8.396	8.951
1681	16.80	9.485	10.050	10.609	11.030	11.117	10.678	9.591	7.882	5.744	3.528
1691	16.90	1.659	0.534	0.404	1.299	3.010	5.135	7.189	8.722	9.428	9.198
1701	17.00	8.123	6.446	4.498	2.627	1.144	0.286	0.179	0.808	1.991	3.379
1711	17.10	4.697	4.834	3.979	1.747	-1.731	-6.008	-10.416	-14.231	-16.861	-17.984
1721	17.20	-17.607	-16.013	-13.641	-10.951	-8.311	-5.967	-4.056	-2.669	-1.893	-1.811
1731	17.30	-2.663	-3.788	-5.576	-7.482	-9.092	-10.035	-10.092	-9.264	-7.776	-6.004
1741	17.40	-4.381	-3.273	-2.893	-3.268	-4.240	-5.513	-6.719	-7.491	-7.533	-6.693
1751	17.50	-4.997	-2.672	-0.099	2.259	3.977	4.786	4.652	3.793	2.613	1.586
1761	17.60	1.105	1.375	2.358	3.801	5.330	6.566	7.232	7.210	6.552	5.445
1771	17.70	4.143	2.918	1.999	1.550	1.665	2.256	3.263	4.463	5.617	6.493
1781	17.80	6.927	6.859	6.347	5.533	4.801	3.714	2.975	2.416	2.020	1.747
1791	17.90	1.572	1.494	1.524	1.672	1.924	2.240	2.568	2.861	3.093	3.254
1801	18.00	3.335	3.313	3.145	2.787	2.229	1.520	0.779	0.166	-0.181	-0.203
1811	18.10	0.043	0.396	0.661	0.687	0.443	0.033	-0.355	-0.543	-0.441	-0.208
1821	18.20	-0.028	-0.225	-1.034	-2.523	-4.543	-6.779	-8.849	-10.433	-11.368	-11.670
1831	18.30	-11.499	-11.070	-10.569	-10.097	-9.663	-9.222	-8.721	-8.132	-7.461	-6.731
1841	18.40	-5.954	-5.119	-4.193	-3.144	-1.962	-0.682	0.628	1.870	2.942	3.751
1851	18.50	4.213	4.256	3.830	2.926	1.601	0.001	-1.634	-3.005	-3.816	-3.849
1861	18.60	-3.029	-1.452	0.634	2.891	4.974	6.610	7.650	8.081	8.007	7.605
1871	18.70	7.077	6.604	6.322	6.296	6.523	6.933	7.412	7.833	8.087	8.116
1881	18.80	7.936	7.622	7.285	7.023	6.876	6.792	6.431	6.200	5.311	3.853
1891	18.90	1.846	-0.531	-2.961	-5.051	-6.418	-6.796	-6.095	-4.665	-2.252	0.065
1901	19.00	1.986	3.104	3.193	2.246	0.452	-1.866	-4.335	-6.616	-8.447	-9.662
1911	19.10	-10.186	-10.026	-9.249	-8.008	-6.512	-5.017	-3.773	-2.968	-2.670	-2.817
1921	19.20	-3.242	-3.757	-4.230	-4.643	-5.085	-5.675	-6.461	-7.331	-8.002	-8.094
1931	19.30	-7.282	-5.455	-2.804	0.179	2.854	4.634	5.181	4.513	2.980	1.118
1941	19.40	-0.544	-1.655	-2.814	-2.062	-1.659	-1.167	-0.669	-0.167	0.372	0.937
1951	19.50	1.432	1.703	1.613	1.141	0.428	-0.245	-0.553	-0.259	0.693	2.145
1961	19.60	3.789	5.279	6.357	6.924	7.042	6.873	6.588	6.301	6.045	5.805
1971	19.70	5.568	5.366	5.282	5.418	5.835	6.513	7.338	8.132	8.708	8.921
1981	19.80	8.698	8.044	7.013	5.691	4.186	2.630	1.187	0.047	-0.609	-0.665
1991	19.90	-0.126	0.857	2.006	2.989	3.520	3.483	2.778	1.703	0.481	-0.831

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TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-1.458	-1.937	-2.107	-2.056	-1.876	-1.635	-1.382	-1.174	-1.093	-1.249
2011	20.10	-1.747	-2.636	-3.874	-5.314	-6.744	-7.950	-8.781	-9.195	-9.254	-9.080
2021	20.20	-8.795	-8.472	-8.119	-7.707	-7.217	-6.672	-6.153	-5.767	-5.597	-5.654
2031	20.30	-5.865	-6.096	-6.216	-6.153	-5.931	-5.657	-5.472	-5.472	-5.657	-5.907
2041	20.40	-6.016	-5.761	-4.976	-3.615	-1.772	0.337	2.423	4.187	5.330	5.851
2051	20.50	5.577	4.668	3.352	1.975	0.846	0.255	0.359	1.144	2.433	3.937
2061	20.60	5.335	6.367	6.896	6.923	6.565	5.989	5.360	4.790	4.338	4.020
2071	20.70	3.841	3.811	3.947	4.265	4.758	5.392	6.102	6.809	7.432	7.903
2081	20.80	8.166	8.183	7.931	7.416	6.684	5.825	4.964	4.230	3.720	3.457
2091	20.90	3.382	3.364	3.248	2.904	2.278	1.413	0.438	-0.471	-1.138	-1.438
2101	21.00	-1.330	-0.873	-0.216	0.426	0.821	0.773	0.176	-0.944	-2.421	-3.985
2111	21.10	-5.332	-6.214	-6.515	-6.289	-5.726	-5.035	-4.401	-4.396	-4.465	-4.700
2121	21.20	-4.960	-5.447	-5.246	-5.317	-5.451	-5.705	-6.067	-6.456	-6.761	-6.912
2131	21.30	-6.907	-6.823	-6.778	-6.866	-7.112	-7.456	-7.780	-7.957	-7.908	-7.622
2141	21.40	-7.141	-6.523	-5.799	-4.957	-3.959	-2.781	-1.462	-0.121	1.058	1.883
2151	21.50	2.218	2.032	1.416	0.551	-0.350	-1.096	-1.563	-1.702	-1.519	-1.048
2161	21.60	-0.324	0.622	1.753	3.010	4.305	5.531	6.589	7.417	8.015	8.434
2171	21.70	8.754	9.036	9.297	9.489	9.527	9.333	8.884	8.243	7.548	6.966
2181	21.80	6.622	6.543	6.629	6.689	6.511	5.950	4.993	3.775	2.528	1.500
2191	21.90	0.857	0.633	0.733	0.988	1.242	1.415	1.523	1.644	1.851	2.144
2201	22.00	2.425	2.530	2.296	1.632	0.583	-0.696	-2.003	-3.171	-4.136	-4.959
2211	22.10	-5.777	-6.721	-7.835	-9.033	-10.115	-10.838	-11.011	-10.571	-9.605	-8.319
2221	22.20	-6.971	-5.781	-4.876	-4.269	-3.884	-3.604	-3.324	-2.985	-2.582	-2.154
2231	22.30	-1.761	-1.463	-1.308	-1.323	-1.513	-1.859	-2.312	-2.789	-3.175	-3.348
2241	22.40	-3.200	-2.675	-1.803	-0.701	0.436	1.376	1.920	1.944	1.529	0.771
2251	22.50	-0.049	-0.641	-0.755	-0.253	0.859	2.444	4.271	6.080	7.639	8.781
2261	22.60	9.419	9.536	9.165	8.368	7.233	5.865	4.390	2.946	1.673	0.691
2271	22.70	0.085	-0.103	0.119	0.701	1.561	2.586	3.643	4.592	5.294	5.642
2281	22.80	5.579	5.116	4.332	3.358	2.350	1.453	0.783	0.407	0.352	0.602
2291	22.90	1.101	1.757	2.437	2.981	3.227	3.053	2.415	1.377	0.100	-1.193
2301	23.00	-2.281	-3.009	-3.328	-3.297	-3.049	-2.738	-2.488	-2.357	-2.362	-2.397
2311	23.10	-2.464	-2.499	-2.484	-2.428	-2.357	-2.314	-2.351	-2.529	-2.910	-3.531
2321	23.20	-4.391	-5.428	-6.519	-7.502	-8.214	-8.536	-8.619	-7.897	-7.071	-6.075
2331	23.30	-5.040	-4.072	-3.243	-2.600	-2.176	-2.001	-2.111	-2.531	-3.268	-4.286
2341	23.40	-5.500	-6.762	-7.874	-8.605	-8.733	-8.091	-6.620	-4.398	-1.649	1.293
2351	23.50	4.053	6.292	7.784	8.454	8.379	7.750	6.812	5.809	4.942	4.356
2361	23.60	4.131	4.291	4.799	5.563	6.443	7.279	7.928	8.308	8.415	8.320
2371	23.70	8.129	7.928	7.740	7.519	7.182	6.669	5.998	5.286	4.713	4.451
2381	23.80	4.582	5.053	5.688	6.252	6.548	6.441	6.121	5.586	5.036	4.558
2391	23.90	4.137	3.669	3.032	2.155	1.063	-0.131	-1.275	-2.247	-3.000	-3.562
2401	24.00	-3.992	-4.328	-4.546	-4.569	-4.317	-3.767	-3.005	-2.213	-1.618	-1.413
2411	24.10	-1.680	-2.373	-3.346	-4.422	-5.460	-6.398	-7.235	-7.980	-8.602	-9.002
2421	24.20	-9.041	-8.607	-7.693	-6.438	-5.113	-4.040	-3.484	-3.560	-4.185	-5.110
2431	24.30	-6.002	-6.555	-6.574	-6.014	-4.969	-3.610	-2.131	-0.699	0.559	1.554
2441	24.40	2.217	2.509	2.424	2.022	1.432	0.846	0.475	0.493	0.988	1.926
2451	24.50	3.162	4.475	5.630	6.431	6.755	6.570	5.929	4.968	3.784	2.614
2461	24.60	1.608	0.900	0.560	0.575	0.847	1.217	1.513	1.609	1.463	1.137
2471	24.70	0.769	0.521	0.515	0.783	1.257	1.790	2.205	2.348	2.128	1.528
2481	24.80	0.597	-0.566	-1.832	-3.047	-4.046	-4.666	-4.776	-4.321	-3.358	-2.071
2491	24.90	-0.748	0.296	0.798	0.636	-0.136	-1.301	-2.552	-3.589	-4.208	-4.352

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TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	+ 0.01 (GAL)	+ 0.02 (GAL)	+ 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	-4.102	-3.622	-3.093	-2.647	-2.337	-2.152	-2.044	-1.974	-1.932	-1.940
2511	25.10	-2.027	-2.210	-2.470	-2.761	-3.026	-3.220	-3.333	-3.391	-3.439	-3.520
2521	25.20	-3.629	-3.899	-3.940	-3.995	-3.927	-3.729	-3.426	-3.068	-2.701	-2.355
2531	25.30	-2.036	-1.735	-1.448	-1.197	-1.035	-1.027	-1.215	-1.582	-2.018	-2.336
2541	25.40	-2.306	-1.734	-0.531	1.240	3.359	5.502	7.331	8.581	9.135	9.035
2551	25.50	8.456	7.633	6.792	6.092	5.608	5.341	5.251	5.284	5.388	5.515
2561	25.60	5.611	5.621	5.494	5.206	4.784	4.307	3.890	3.652	3.669	3.944
2571	25.70	4.403	4.907	5.302	5.456	5.299	4.834	4.131	3.303	2.479	1.775
2581	25.80	1.275	1.022	1.009	1.183	1.452	1.701	1.808	1.674	1.238	0.498
2591	25.90	-0.490	-1.619	-2.751	-3.740	-4.462	-4.828	-4.812	-4.450	-3.836	-3.108
2601	26.00	-2.419	-1.903	-1.646	-1.669	-1.932	-2.347	-2.812	-3.239	-3.577	-3.815
2611	26.10	-3.970	-4.076	-4.154	-4.219	-4.265	-4.278	-4.245	-4.165	-4.036	-3.871
2621	26.20	-3.676	-3.450	-3.183	-2.859	-2.457	-1.963	-1.374	-0.706	0.000	0.682
2631	26.30	1.263	1.676	1.878	1.867	1.691	1.430	1.172	0.983	0.886	0.857
2641	26.40	0.861	0.782	0.652	0.465	0.273	0.144	0.133	0.266	0.526	0.884
2651	26.50	1.304	1.768	2.275	2.830	3.422	4.005	4.498	4.800	4.824	4.525
2661	26.60	3.929	3.134	2.270	1.522	1.033	0.904	1.163	1.760	2.570	3.423
2671	26.70	4.129	4.524	4.505	4.058	3.257	2.247	1.203	0.277	-0.438	-0.925
2681	26.80	-1.233	-1.445	-1.632	-1.831	-2.031	-2.188	-2.254	-2.206	-2.057	-1.854
2691	26.90	-1.654	-1.505	-1.425	-1.399	-1.397	-1.388	-1.357	-1.316	-1.289	-1.300
2701	27.00	-1.362	-1.460	-1.563	-1.633	-1.647	-1.603	-1.529	-1.470	-1.474	-1.569
2711	27.10	-1.756	-2.002	-2.258	-2.477	-2.631	-2.726	-2.791	-2.865	-2.968	-3.085
2721	27.20	-3.164	-3.134	-2.938	-2.574	-2.109	-1.675	-1.340	-1.502	-1.926	-2.316
2731	27.30	-3.366	-3.899	-3.943	-3.310	-1.958	-0.014	2.249	4.476	6.303	7.446
2741	27.40	7.758	7.254	6.108	4.606	3.082	1.842	1.102	0.947	1.322	2.068
2751	27.50	2.970	3.822	4.475	4.857	4.968	4.852	4.568	4.167	3.687	3.166
2761	27.60	2.654	2.216	1.919	1.808	1.887	2.102	2.362	2.558	2.602	2.447
2771	27.70	2.083	1.527	0.795	-0.103	-1.159	-2.341	-3.573	-4.722	-5.628	-6.147
2781	27.80	-6.205	-5.840	-5.194	-4.478	-3.903	-3.613	-3.655	-3.976	-4.466	-5.008
2791	27.90	-5.519	-5.963	-6.331	-6.617	-6.794	-6.811	-6.621	-6.206	-5.602	-4.890
2801	28.00	-4.171	-3.528	-3.001	-2.583	-2.240	-1.948	-1.708	-1.548	-1.491	-1.526
2811	28.10	-1.585	-1.561	-1.355	-0.927	-0.337	0.266	0.701	0.839	0.665	0.299
2821	28.20	-0.054	-0.200	-0.049	0.327	0.723	0.894	0.679	0.100	-0.626	-1.160
2831	28.30	-1.183	-0.532	0.711	2.245	3.657	4.578	4.823	4.439	3.671	2.843
2841	28.40	2.230	1.965	2.018	2.254	2.514	2.694	2.772	2.783	2.764	2.713
2851	28.50	2.578	2.293	1.832	1.250	0.682	0.298	0.227	0.502	1.034	1.648
2861	28.60	2.158	2.538	2.463	2.310	2.103	1.953	1.908	1.945	1.996	1.996
2871	28.70	1.920	1.795	1.681	1.639	1.702	1.856	2.054	2.227	2.310	2.246
2881	28.80	1.990	1.519	0.840	0.006	-0.868	-1.621	-2.084	-2.135	-1.753	-1.041
2891	28.90	-0.198	0.547	1.023	1.169	1.039	0.757	0.433	0.101	-0.296	-0.858
2901	29.00	-1.639	-2.570	-3.440	-3.956	-3.861	-3.058	-1.678	-0.063	1.360	2.229
2911	29.10	2.387	1.929	1.146	0.396	-0.045	-0.076	0.215	0.633	0.983	1.163
2921	29.20	1.201	1.211	1.316	1.569	1.925	2.267	2.466	2.447	2.217	1.868
2931	29.30	1.426	1.007	0.588	0.140	-0.354	-0.853	-1.246	-1.394	-1.185	-0.602
2941	29.40	0.255	1.199	2.015	2.545	2.731	2.623	2.334	1.985	1.651	1.355
2951	29.50	1.085	0.835	0.630	0.527	0.574	0.773	1.052	1.277	1.301	1.034
2961	29.60	0.485	-0.227	-0.922	-1.435	-1.686	-1.714	-1.650	-1.656	-1.838	-2.199
2971	29.70	-2.630	-2.963	-3.043	-2.804	-2.299	-1.684	-1.162	-0.910	-1.031	-1.532
2981	29.80	-2.341	-3.366	-4.426	-5.480	-6.422	-7.178	-7.675	-7.852	-7.666	-7.118
2991	29.90	-6.253	-5.161	-3.953	-2.739	-1.608	-0.617	0.204	0.841	1.297	1.586

Table 7—38—7

TABLE OF CORRECTED ACCELERATION RECORD

NO. 7

INDEX NO. 1185 713-GR-1-1 HB. (HB.) YOSHIDAGAWA EMB. MAX. ACC. = -40.648 (GAL) T= 1.01 (SEC)

NO.	TIME (SEC)	* 0.01 (GAL)	* 0.02 (GAL)	* 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	1.740	1.811	1.862	1.955	2.123	2.363	2.633	2.872	3.027	3.984
3011	30.10	3.972	3.060	3.123	3.313	3.634	4.037	4.442	4.768	4.960	5.015
3021	30.20	4.977	4.918	4.916	5.024	5.256	5.580	5.928	6.206	6.324	6.211
3031	30.30	5.831	5.198	4.364	3.410	2.425	1.484	0.640	-0.077	-0.648	-1.061
3041	30.40	-1.300	-1.362	-1.276	-1.111	-0.999	-1.091	-1.521	-2.352	-3.536	-4.912
3051	30.50	-6.244	-7.286	-7.863	-7.921	-7.545	-6.924	-6.290	-5.852	-5.735	-5.963
3061	30.60	-6.670	-7.126	-7.775	-8.269	-8.486	-8.349	-7.833	-6.969	-5.868	-4.604
3071	30.70	-3.387	-2.334	-1.533	-1.005	-0.711	-0.564	-0.473	-0.365	-0.202	0.011
3081	30.80	0.247	0.469	0.665	0.760	0.816	0.835	0.858	0.937	1.129	1.474
3091	30.90	1.979	2.602	3.252	3.816	4.194	4.334	4.259	4.055	3.837	3.705
3101	31.00	3.694	3.767	3.831	3.787	3.576	3.214	2.792	2.437	2.364	2.326
3111	31.10	2.590	2.947	3.254	3.376	3.233	2.818	2.200	1.495	0.843	0.367
3121	31.20	0.151	0.222	0.544	1.022	1.524	1.914	2.081	1.970	1.595	1.030
3131	31.30	0.381	-0.247	-0.778	-1.184	-1.473	-1.671	-1.798	-1.869	-1.799	-1.616
3141	31.40	-1.282	-0.813	-0.259	0.297	0.767	1.074	1.170	1.043	0.714	0.224
3151	31.50	-0.372	-1.017	-1.656	-2.240	-2.725	-3.076	-3.270	-3.299	-3.181	-2.955
3161	31.60	-2.685	-2.443	-2.297	-2.284	-2.403	-2.606	-2.816	-2.950	-2.950	-2.799
3171	31.70	-2.527	-2.184	-1.817	-1.433	-1.004	-0.478	0.178	0.960	1.708	2.333
3181	31.80	2.659	2.594	2.153	1.465	0.730	0.150	-0.150	-0.161	0.026	0.272
3191	31.90	0.466	0.586	0.707	0.957	1.450	2.208	3.129	4.016	4.641	4.840
3201	32.00	4.581	3.978	3.252	2.649	2.353	2.427	2.809	3.344	3.861	4.229
3211	32.10	4.396	4.383	4.256	4.077	3.874	3.633	3.309	2.858	2.257	1.517
3221	32.20	0.676	-0.216	-1.106	-1.943	-2.673	-3.226	-3.529	-3.523	-3.196	-2.613
3231	32.30	-1.927	-1.368	-1.085	-1.275	-1.929	-2.916	-4.010	-4.968	-5.622	-5.938
3241	32.40	-6.014	-6.017	-6.092	-6.276	-6.466	-6.454	-6.024	-5.058	-3.607	-1.898

Table 7—39—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1186 112-GR-1-43 HA. (HA.) KINOKAWA BRIDGE MAX. ACC. = -74.737 (GAL) T= 0.18 (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	0.0	0.0	5.776	2.077	-5.583	-15.389	-23.194	-23.996	-14.416	4.974
11	0.10	28.772	48.117	54.036	41.471	12.128	-25.350	-58.263	-74.737	-68.571	-41.882
21	0.20	-4.317	30.878	52.215	54.611	40.023	17.701	-2.005	-11.269	-8.005	3.919
31	0.30	17.092	24.275	21.617	10.053	-5.562	-18.839	-24.610	-20.813	-8.939	6.870
41	0.40	21.422	30.096	29.991	20.497	3.371	-17.575	-37.868	-50.022	-52.013	-41.750
51	0.50	-21.431	3.438	25.631	38.660	39.155	28.139	10.553	-6.822	-18.159	-20.815
61	0.60	-16.015	-7.727	-0.390	3.326	3.583	2.795	3.816	7.952	13.953	18.551
71	0.70	18.288	11.622	0.141	-11.836	-19.164	-18.352	-9.381	4.070	16.143	21.365
81	0.80	17.062	4.520	-11.586	-25.187	-31.273	-27.774	-16.124	-0.439	14.191	23.511
91	0.90	25.336	19.894	9.379	-2.993	-13.854	-20.546	-21.573	-16.842	-7.647	3.629
101	1.00	14.111	21.248	23.617	21.606	16.306	10.779	6.949	5.599	5.765	5.165
111	1.10	1.352	-6.932	-18.819	-31.297	-40.204	-41.867	-34.595	-19.727	-1.197	15.687
121	1.20	26.085	27.273	19.500	5.752	-9.390	-21.332	-26.882	-25.030	-16.919	-5.167
131	1.30	7.139	17.357	23.857	26.144	24.656	20.381	14.514	8.204	2.434	-2.049
141	1.40	-4.780	-5.621	-4.782	-2.766	-0.223	2.220	4.139	5.375	5.974	6.041
151	1.50	5.593	4.508	2.611	-0.137	-3.467	-6.756	-9.193	-10.091	-9.239	-7.085
161	1.60	-4.667	-3.143	-3.483	-5.835	-9.485	-13.058	-15.027	-14.300	-10.638	-4.742
171	1.70	2.023	8.111	12.294	13.981	13.270	10.777	7.359	3.860	0.958	-0.905
181	1.80	-1.529	-0.983	0.394	2.023	3.202	3.315	2.652	-0.454	-3.650	-6.781
191	1.90	-9.177	-10.499	-10.798	-10.362	-9.440	-8.019	-5.779	-2.302	2.587	8.516
201	2.00	14.502	19.204	21.398	20.474	16.700	11.139	5.234	0.259	-3.098	-4.850
211	2.10	-5.501	-5.660	-5.579	-5.217	-4.193	-2.210	0.651	3.827	6.430	7.606
221	2.20	6.888	4.393	0.755	-3.150	-6.536	-8.936	-10.255	-10.628	-10.235	-9.183
231	2.30	-7.523	-5.376	-3.058	-1.088	-0.069	-0.316	-1.820	-3.971	-5.805	-6.335
241	2.40	-4.946	-1.670	2.790	7.310	10.760	12.619	12.163	10.533	8.375	6.539
251	2.50	5.535	5.398	5.752	6.032	5.751	4.693	2.964	0.904	-1.083	-2.694
261	2.60	-3.817	-4.520	-4.968	-5.315	-5.631	-5.888	-6.002	-5.905	-5.589	-5.121
271	2.70	-4.623	-4.226	-4.047	-4.169	-4.666	-5.484	-6.615	-7.846	-8.829	-9.096
281	2.80	-8.161	-5.705	-1.747	3.254	8.442	12.775	15.339	15.648	13.825	10.566
291	2.90	6.896	3.823	2.004	1.563	2.137	3.088	3.798	3.914	3.435	2.635
301	3.00	1.875	1.406	1.255	1.247	1.120	0.680	-0.098	-1.057	-1.945	-2.531
311	3.10	-2.709	-2.528	-2.158	-1.797	-1.593	-1.595	-1.756	-1.974	-2.146	-2.202
321	3.20	-2.121	-1.925	-1.663	-1.405	-1.234	-1.231	-1.457	-1.920	-2.548	-3.182
331	3.30	-3.602	-3.591	-3.003	-1.834	-0.243	1.473	2.952	3.875	4.055	3.496
341	3.40	2.396	1.087	-0.054	-0.718	-0.760	-0.144	0.882	2.052	3.069	3.713
351	3.50	3.893	3.649	3.118	2.472	1.856	1.350	0.960	0.638	0.307	-0.104
361	3.60	-0.646	-1.336	-2.157	-3.055	-3.939	-4.685	-5.163	-5.262	-4.935	-4.221
371	3.70	-3.245	-2.913	-1.252	-0.560	-0.171	-0.053	-0.113	-0.248	-0.375	-0.453
381	3.80	-0.473	-0.433	-0.324	-0.130	0.157	0.510	0.856	1.086	1.090	0.804
391	3.90	0.245	-0.483	-1.216	-1.774	-2.016	-1.869	-1.342	-0.503	0.544	1.683
401	4.00	2.798	3.779	4.521	4.931	4.952	4.587	3.911	3.072	2.254	1.629
411	4.10	1.298	1.259	1.396	1.525	1.460	1.085	0.403	-0.458	-1.291	-1.894
421	4.20	-2.156	-2.105	-1.909	-1.805	-1.993	-2.544	-3.349	-4.147	-4.628	-4.562
431	4.30	-3.907	-2.838	-1.692	-0.828	-0.484	-0.667	-1.148	-1.548	-1.495	-0.768
441	4.40	0.611	2.388	4.176	5.595	6.399	6.535	6.130	5.409	4.597	3.846
451	4.50	3.199	2.614	2.005	1.297	0.457	-0.490	-1.472	-2.379	-3.087	-3.483
461	4.60	-3.494	-3.111	-2.415	-1.569	-0.792	-0.295	-0.220	-0.583	-1.266	-2.050
471	4.70	-2.685	-2.974	-2.834	-2.322	-1.604	-0.893	-0.385	-0.188	-0.299	-0.611
481	4.80	-0.946	-1.112	-0.962	-0.441	0.393	1.381	2.304	2.955	3.211	3.075
491	4.90	2.684	2.252	1.984	1.981	2.186	2.401	2.365	1.875	0.893	-0.416

Table 7—39—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1186 112-GR-1-43 HA. (HA.) KINOKAWA BRIDGE MAX. ACC. = -74.737 (GAL) T= 0.18 (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	-1.731	-2.694	-3.052	-2.765	-2.026	-1.174	-0.577	-0.473	-0.895	-1.675
511	5.10	-2.530	-3.174	-3.423	-3.237	-2.696	-1.936	-1.085	-0.228	0.586	1.314
521	5.20	1.898	2.269	2.375	2.233	1.938	1.647	1.518	1.638	1.983	2.428
531	5.30	2.811	3.022	3.053	3.005	3.014	3.152	3.353	3.403	3.017	1.977
541	5.40	0.259	-1.908	-4.086	-5.770	-6.569	-6.348	-5.274	-3.744	-2.231	-1.116
551	5.50	-0.573	-0.553	-0.847	-1.211	-1.468	-1.561	-1.531	-1.461	-1.403	-1.340
561	5.60	-1.200	-0.899	-0.393	0.289	1.054	1.777	2.343	2.681	2.769	2.625
571	5.70	2.288	1.805	1.235	0.650	0.137	-0.214	-0.337	-0.215	0.099	0.492
581	5.80	0.822	0.952	0.793	0.524	-0.413	-1.323	-2.289	-3.194	-3.934	-4.432
591	5.90	-4.647	-4.571	-4.230	-3.678	-2.975	-2.173	-1.301	-0.370	0.613	1.618
601	6.00	2.573	3.368	3.878	4.012	3.747	3.158	2.395	1.646	1.075	0.771
611	6.10	0.737	0.894	1.133	1.354	1.498	1.555	1.549	1.513	1.470	1.424
621	6.20	1.369	1.298	1.206	1.089	0.940	0.738	0.458	0.082	-0.383	-0.897
631	6.30	-1.391	-1.791	-2.039	-2.122	-2.069	-1.950	-1.840	-1.804	-1.865	-2.008
641	6.40	-2.180	-2.307	-2.313	-2.162	-1.758	-1.173	-0.444	0.331	1.032	1.541
651	6.50	1.780	1.730	1.439	1.008	0.554	0.179	-0.062	-0.163	-0.152	-0.069
661	6.60	0.058	0.217	0.405	0.610	0.805	0.950	1.012	0.987	0.909	0.841
671	6.70	0.846	0.955	1.146	1.350	1.481	1.478	1.334	1.105	0.881	0.748
681	6.80	0.751	0.874	1.060	1.245	1.388	1.486	1.563	1.631	1.667	1.605
691	6.90	1.356	0.865	0.152	-0.670	-1.417	-1.898	-1.986	-1.676	-1.089	-0.434
701	7.00	0.066	0.254	0.084	-0.377	-0.988	-1.596	-2.092	-2.433	-2.639	-2.762
711	7.10	-2.866	-2.901	-2.904	-2.805	-2.560	-2.149	-1.589	-0.933	-0.260	0.344
721	7.20	0.803	1.070	1.134	1.025	0.808	0.566	0.372	0.280	0.300	0.406
731	7.30	0.550	0.683	0.780	0.843	0.893	0.955	1.039	1.133	1.213	1.259
741	7.40	1.267	1.259	1.264	1.304	1.371	1.424	1.404	1.263	0.986	0.607
751	7.50	0.192	-0.187	-0.482	-0.688	-0.860	-0.983	-1.149	-1.332	-1.494	-1.588
761	7.60	-1.591	-1.519	-1.425	-1.376	-1.406	-1.512	-1.632	-1.678	-1.581	-1.313
771	7.70	-0.909	-0.445	-0.005	0.355	0.626	0.843	1.058	1.312	1.611	1.928
781	7.80	2.211	2.413	2.503	2.477	2.358	2.168	1.943	1.718	1.528	1.406
791	7.90	1.368	1.406	1.471	1.484	1.351	1.005	0.431	-0.315	-1.124	-1.864
801	8.00	-2.429	-2.773	-2.916	-2.926	-2.882	-2.838	-2.805	-2.761	-2.674	-2.532
811	8.10	-2.351	-2.171	-2.028	-1.925	-1.821	-1.640	-1.307	-0.780	-0.080	0.712
821	8.20	1.478	2.103	2.512	2.690	2.680	2.556	2.398	2.260	2.165	2.105
831	8.30	2.058	1.999	1.911	1.788	1.631	1.443	1.229	0.997	0.756	0.515
841	8.40	0.284	0.054	-0.151	-0.374	-0.619	-0.894	-1.193	-1.497	-1.783	-2.031
851	8.50	-2.233	-2.397	-2.539	-2.674	-2.801	-2.899	-2.930	-2.852	-2.644	-2.315
861	8.60	-1.912	-1.506	-1.163	-0.928	-0.799	-0.734	-0.667	-0.545	-0.347	-0.098
871	8.70	0.144	0.316	0.382	0.355	0.289	0.256	0.311	0.460	0.662	0.845
881	8.80	0.947	0.946	0.875	0.805	0.811	0.932	1.151	1.401	1.600	1.690
891	8.90	1.661	1.555	1.430	1.333	1.265	1.190	1.063	0.864	0.634	0.456
901	9.00	0.427	0.599	0.940	1.338	1.643	1.733	1.576	1.251	0.910	0.703
911	9.10	0.705	0.864	1.026	1.001	0.661	0.007	-0.820	-1.591	-2.087	-2.197
921	9.20	-1.955	-1.528	-1.134	-0.942	-1.010	-1.267	-1.561	-1.741	-1.725	-1.533
931	9.30	-1.262	-1.028	-0.901	-0.875	-0.873	-0.801	-0.594	-0.259	0.133	0.485
941	9.40	0.725	0.841	0.887	0.954	1.118	1.409	1.793	2.187	2.504	2.680
951	9.50	2.703	2.601	2.424	2.217	2.009	1.806	1.609	1.623	1.255	1.112
961	9.60	0.989	0.857	0.678	0.419	0.074	-0.328	-0.731	-1.074	-1.325	-1.488
971	9.70	-1.608	-1.735	-1.901	-2.093	-2.257	-2.328	-2.262	-2.076	-1.842	-1.663
981	9.80	-1.629	-1.767	-2.028	-2.299	-2.449	-2.384	-2.085	-1.610	-1.072	-0.583
991	9.90	-0.217	0.016	0.161	0.282	0.431	0.629	0.820	0.987	1.085	1.105

Table 7—39—3

TABLE OF CORRECTED ACCELERATION RECORD

NO. 3

INDEX NO. 1186 112-GR-1-43 HA. (HA.) KINOKAWA BRIDGE MAX. ACC. = -74.737 (GAL) T= 0.18 (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	1.072	1.027	1.005	1.018	1.052	1.075	1.054	0.969	0.818	0.610
1011	10.10	0.355	0.059	-0.276	-0.641	-1.009	-1.337	-1.569	-1.660	-1.591	-1.386
1021	10.20	-1.104	-0.824	-0.615	-0.518	-0.536	-0.634	-0.772	-0.908	-1.011	-1.070
1031	10.30	-1.075	-1.018	-0.884	-0.661	-0.349	0.032	0.437	0.812	1.110	1.307
1041	10.40	1.409	1.451	1.475	1.512	1.573	1.641	1.689	1.692	1.640	1.542
1051	10.50	1.418	1.288	1.161	1.034	0.897	0.748	0.594	0.453	0.342	0.262
1061	10.60	0.195	0.110	-0.023	-0.212	-0.428	-0.613	-0.701	-0.651	-0.464	-0.199
1071	10.70	0.056	0.206	0.208	0.067	-0.150	-0.354	-0.467	-0.457	-0.348	-0.204
1081	10.80	-0.087	-0.031	-0.020	0.002	0.101	0.318	0.460	1.002	1.311	1.480
1091	10.90	1.463	1.275	0.977	0.660	0.403	0.252	0.215	0.262	0.350	0.440
1101	11.00	0.507	0.547	0.565	0.571	0.572	0.571	0.566	0.555	0.534	0.499
1111	11.10	0.448	0.384	0.309	0.231	0.159	0.092	0.026	-0.054	-0.168	-0.327
1121	11.20	-0.526	-0.743	-0.943	-1.096	-1.193	-1.258	-1.365	-1.514	-1.811	-2.234
1131	11.30	-2.528	-3.192	-3.510	-3.587	-3.383	-2.927	-2.304	-1.632	-1.017	-0.531
1141	11.40	-0.190	0.035	0.195	0.344	0.515	0.712	0.918	1.108	1.266	1.393
1151	11.50	1.502	1.615	1.745	1.889	2.024	2.114	2.127	2.048	1.887	1.677
1161	11.60	1.465	1.290	1.168	1.089	1.016	0.902	0.714	0.442	0.108	-0.244
1171	11.70	-0.564	-0.817	-0.990	-1.100	-1.178	-1.258	-1.360	-1.484	-1.609	-1.704
1181	11.80	-1.737	-1.684	-1.535	-1.295	-0.987	-0.641	-0.299	-0.002	0.216	0.338
1191	11.90	0.368	0.352	0.266	0.207	0.176	0.174	0.182	0.180	0.151	0.097
1201	12.00	0.037	-0.006	-0.013	0.020	0.080	0.151	0.220	0.289	0.372	0.484
1211	12.10	0.624	0.775	0.900	0.961	0.938	0.837	0.692	0.545	0.430	0.353
1221	12.20	0.294	0.222	0.113	-0.034	-0.192	-0.329	-0.425	-0.488	-0.558	-0.678
1231	12.30	-0.873	-1.119	-1.346	-1.460	-1.385	-1.101	-0.663	-0.182	0.210	0.416
1241	12.40	0.407	0.227	-0.027	-0.256	-0.395	-0.439	-0.435	-0.445	-0.517	-0.654
1251	12.50	-0.817	-0.944	-0.981	-0.911	-0.760	-0.588	-0.460	-0.419	-0.473	-0.596
1261	12.60	-0.741	-0.865	-0.942	-0.970	-0.964	-0.944	-0.916	-0.874	-0.797	-0.669
1271	12.70	-0.484	-0.260	-0.035	0.150	0.263	0.298	0.286	0.280	0.343	0.515
1281	12.80	0.800	1.156	1.506	1.763	1.861	1.776	1.533	1.194	0.837	0.522
1291	12.90	0.281	0.113	-0.008	-0.109	-0.203	-0.285	-0.334	-0.326	-0.250	-0.109
1301	13.00	0.082	0.301	0.529	0.752	0.964	1.157	1.323	1.451	1.536	1.581
1311	13.10	1.596	1.595	1.585	1.561	1.504	1.388	1.197	0.934	0.624	0.309
1321	13.20	0.034	-0.172	-0.303	-0.379	-0.430	-0.486	-0.561	-0.657	-0.762	-0.862
1331	13.30	-0.948	-1.016	-1.064	-1.091	-1.088	-1.069	-0.971	-0.863	-0.740	-0.620
1341	13.40	-0.511	-0.408	-0.292	-0.139	0.062	0.309	0.575	0.826	1.033	1.182
1351	13.50	1.278	1.343	1.396	1.448	1.495	1.523	1.521	1.487	1.433	1.379
1361	13.60	1.339	1.316	1.296	1.260	1.195	1.101	0.994	0.894	0.815	0.750
1371	13.70	0.675	0.556	0.370	0.112	-0.194	-0.511	-0.798	-1.030	-1.202	-1.327
1381	13.80	-1.420	-1.487	-1.522	-1.508	-1.433	-1.301	-1.135	-0.974	-0.859	-0.813
1391	13.90	-0.838	-0.912	-1.005	-1.087	-1.140	-1.164	-1.163	-1.144	-1.105	-1.037
1401	14.00	-0.930	-0.783	-0.603	-0.410	-0.226	-0.066	0.067	0.187	0.311	0.451
1411	14.10	0.604	0.751	0.858	0.890	0.829	0.675	0.458	0.224	0.028	-0.089
1421	14.20	-0.109	-0.044	0.065	0.163	0.200	0.143	-0.008	-0.222	-0.449	-0.632
1431	14.30	-0.734	-0.741	-0.673	-0.566	-0.462	-0.394	-0.372	-0.386	-0.412	-0.429
1441	14.40	-0.425	-0.400	-0.367	-0.341	-0.331	-0.338	-0.355	-0.372	-0.382	-0.382
1451	14.50	-0.378	-0.374	-0.373	-0.376	-0.378	-0.379	-0.379	-0.381	-0.389	-0.401
1461	14.60	-0.408	-0.395	-0.348	-0.260	-0.135	0.006	0.137	0.231	0.275	0.267
1471	14.70	-0.225	-0.122	-0.131	-0.113	0.119	0.139	0.160	0.170	0.169	0.160
1481	14.80	0.150	0.145	0.143	0.139	0.123	0.094	0.054	0.014	-0.016	-0.025
1491	14.90	-0.012	0.017	0.050	0.079	0.100	0.115	0.132	0.156	0.187	0.218

Table 7—39—4

TABLE OF CORRECTED ACCELERATION RECORD

NO. 4

INDEX NO. 1186 112-GR-1-43 HA. (HA.) KINOKAWA BRIDGE MAX. ACC. = -74.737 (GAL) T= 0.18 (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	0.241	0.248	0.240	0.226	0.220	0.236	0.274	0.323	0.360	0.361
1511	15.10	0.309	0.201	0.049	-0.126	-0.301	-0.463	-0.610	-0.746	-0.877	-1.000
1521	15.20	-1.100	-1.157	-1.154	-1.085	-0.962	-0.813	-0.674	-0.573	-0.523	-0.514
1531	15.30	-0.524	-0.522	-0.488	-0.418	-0.327	-0.244	-0.195	-0.194	-0.232	-0.279
1541	15.40	-0.225	-0.192	-0.042	0.244	0.607	0.990	1.331	1.574	1.692	1.690
1551	15.50	1.604	1.485	1.384	1.332	1.336	1.378	1.430	1.464	1.468	1.447
1561	15.60	1.418	1.400	1.403	1.419	1.431	1.418	1.353	1.266	1.141	1.008
1571	15.70	0.886	0.780	0.685	0.583	0.459	0.306	0.133	-0.039	-0.184	-0.284
1581	15.80	-0.333	-0.344	-0.338	-0.342	-0.374	-0.436	-0.519	-0.604	-0.671	-0.708
1591	15.90	-0.715	-0.702	-0.687	-0.683	-0.701	-0.735	-0.774	-0.798	-0.789	-0.736
1601	16.00	-0.638	-0.507	-0.364	-0.234	-0.137	-0.083	-0.073	-0.096	-0.132	-0.164
1611	16.10	-0.177	-0.165	-0.130	-0.082	-0.030	0.020	0.066	0.114	0.166	0.225
1621	16.20	0.289	0.348	0.396	0.426	0.442	0.451	0.468	0.496	0.541	0.591
1631	16.30	0.631	0.646	0.627	0.581	0.525	0.479	0.460	0.460	0.472	0.469
1641	16.40	0.429	0.342	0.213	0.063	-0.084	-0.210	-0.311	-0.397	-0.481	-0.574
1651	16.50	-0.676	-0.774	-0.851	-0.895	-0.912	-0.918	-0.940	-0.995	-1.086	-1.189
1661	16.60	-1.270	-1.291	-1.229	-1.089	-0.899	-0.706	-0.552	-0.466	-0.451	-0.490
1671	16.70	-0.552	-0.606	-0.631	-0.621	-0.579	-0.514	-0.432	-0.340	-0.238	-0.129
1681	16.80	-0.018	0.090	0.186	0.268	0.335	0.394	0.454	0.521	0.599	0.685
1691	16.90	0.769	0.840	0.887	0.903	0.890	0.855	0.811	0.775	0.759	0.767
1701	17.00	0.796	0.833	0.860	0.862	0.828	0.759	0.664	0.558	0.454	0.361
1711	17.10	0.283	0.215	0.152	0.090	0.030	-0.028	-0.081	-0.129	-0.176	-0.225
1721	17.20	-0.279	-0.339	-0.402	-0.460	-0.511	-0.555	-0.595	-0.639	-0.689	-0.747
1731	17.30	-0.806	-0.858	-0.898	-0.924	-0.941	-0.959	-0.986	-1.026	-1.074	-1.118
1741	17.40	-1.147	-1.150	-1.126	-1.081	-1.027	-0.976	-0.934	-0.899	-0.862	-0.805
1751	17.50	-0.710	-0.568	-0.375	-0.143	0.104	0.337	0.523	0.660	0.675	0.633
1761	17.60	0.534	0.404	0.273	0.160	0.077	0.022	-0.010	-0.028	-0.037	-0.036
1771	17.70	-0.025	-0.005	0.022	0.047	0.064	0.069	0.063	0.055	0.052	0.062
1781	17.80	0.085	0.114	0.144	0.168	0.185	0.200	0.218	0.241	0.267	0.290
1791	17.90	0.305	0.313	0.320	0.335	0.365	0.404	0.436	0.442	0.403	0.323
1801	18.00	0.227	0.159	0.168	0.286	0.516	0.814	1.117	1.353	1.468	1.448
1811	18.10	1.325	1.159	1.018	0.947	0.955	1.008	1.048	1.014	0.869	0.611
1821	18.20	0.273	-0.046	-0.402	-0.636	-0.774	-0.831	-0.866	-0.861	-0.913	-1.017
1831	18.30	-1.165	-1.336	-1.485	-1.582	-1.599	-1.525	-1.371	-1.162	-0.936	-0.727
1841	18.40	-0.563	-0.453	-0.387	-0.342	-0.287	-0.201	-0.076	0.079	0.241	0.380
1851	18.50	0.476	0.520	0.523	0.504	0.485	0.481	0.494	0.518	0.540	0.553
1861	18.60	0.559	0.568	0.591	0.633	0.687	0.737	0.759	0.736	0.665	0.557
1871	18.70	0.436	0.325	0.237	0.170	0.109	0.039	-0.048	-0.142	-0.219	-0.249
1881	18.80	-0.214	-0.112	0.038	0.194	0.328	0.418	0.464	0.488	0.515	0.567
1891	18.90	0.649	0.751	0.855	0.948	1.030	1.114	1.217	1.348	1.495	1.624
1901	19.00	1.689	1.644	1.467	1.165	0.778	0.369	0.002	-0.274	-0.438	-0.496
1911	19.10	-0.477	-0.418	-0.352	-0.302	-0.276	-0.272	-0.285	-0.308	-0.334	-0.364
1921	19.20	-0.395	-0.427	-0.459	-0.486	-0.509	-0.527	-0.544	-0.563	-0.591	-0.626
1931	19.30	-0.668	-0.706	-0.731	-0.732	-0.703	-0.648	-0.575	-0.499	-0.435	-0.389
1941	19.40	-0.360	-0.340	-0.317	-0.282	-0.233	-0.179	-0.132	-0.105	-0.105	-0.128
1951	19.50	-0.163	-0.198	-0.222	-0.231	-0.228	-0.221	-0.218	-0.222	-0.232	-0.243
1961	19.60	-0.251	-0.255	-0.256	-0.258	-0.263	-0.270	-0.278	-0.286	-0.285	-0.284
1971	19.70	-0.286	-0.294	-0.310	-0.332	-0.356	-0.377	-0.393	-0.405	-0.417	-0.432
1981	19.80	-0.451	-0.470	-0.487	-0.500	-0.508	-0.516	-0.529	-0.549	-0.574	-0.598
1991	19.90	-0.614	-0.620	-0.620	-0.622	-0.635	-0.664	-0.703	-0.740	-0.757	-0.740

Table 7--39--5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1186 112-GR-1-43 HA. (HA.) KINOKAWA BRIDGE MAX. ACC. = -74.737 (GAL) T= 0.18 (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	-0.685	-0.600	-0.500	-0.403	-0.321	-0.256	-0.204	-0.154	-0.099	-0.039
2011	20.10	0.022	0.074	0.110	0.129	0.136	0.140	0.150	0.169	0.197	0.230
2021	20.20	0.262	0.291	0.317	0.343	0.371	0.399	0.425	0.443	0.450	0.445
2031	20.30	0.431	0.413	0.398	0.390	0.390	0.395	0.401	0.406	0.408	0.406
2041	20.40	0.403	0.399	0.396	0.394	0.395	0.397	0.400	0.403	0.405	0.405
2051	20.50	0.403	0.398	0.390	0.382	0.378	0.386	0.412	0.466	0.553	0.672
2061	20.60	0.816	0.970	1.113	1.224	1.286	1.291	1.252	1.151	1.036	0.918
2071	20.70	0.811	0.724	0.657	0.604	0.557	0.506	0.447	0.379	0.304	0.228
2081	20.80	0.155	0.090	0.032	-0.024	-0.085	-0.156	-0.239	-0.331	-0.424	-0.511
2091	20.90	-0.584	-0.644	-0.699	-0.760	-0.856	-0.930	-1.031	-1.124	-1.187	-1.206
2101	21.00	-1.175	-1.104	-1.013	-0.926	-0.861	-0.827	-0.819	-0.824	-0.820	-0.788
2111	21.10	-0.711	-0.577	-0.387	-0.151	0.108	0.357	0.565	0.706	0.773	0.782
2121	21.20	0.764	0.759	0.791	0.860	0.939	0.982	0.949	0.821	0.619	0.397
2131	21.30	0.221	0.139	0.162	0.256	0.356	0.386	0.309	0.127	-0.111	-0.334
2141	21.40	-0.482	-0.528	-0.491	-0.417	-0.360	-0.347	-0.373	-0.400	-0.388	-0.314
2151	21.50	-0.195	-0.082	-0.039	-0.110	-0.300	-0.566	-0.834	-1.028	-1.102	-1.059
2161	21.60	-0.943	-0.816	-0.731	-0.704	-0.713	-0.708	-0.641	-0.488	-0.267	-0.030
2171	21.70	0.160	0.253	0.237	0.142	0.026	-0.045	-0.028	0.084	0.262	0.453
2181	21.80	0.602	0.675	0.668	0.607	0.534	0.487	0.488	0.529	0.581	0.600
2191	21.90	0.551	0.421	0.226	0.011	-0.167	-0.255	-0.230	-0.102	0.083	0.259
2201	22.00	0.366	0.373	0.282	0.152	0.031	-0.024	0.008	0.103	0.204	0.241
2211	22.10	0.169	-0.020	-0.283	-0.547	-0.740	-0.813	-0.767	-0.641	-0.496	-0.382
2221	22.20	-0.316	-0.278	-0.222	-0.106	0.087	0.334	0.581	0.768	0.854	0.835
2231	22.30	0.746	0.660	0.566	0.544	0.561	0.578	0.555	0.474	0.346	0.210
2241	22.40	0.112	0.082	0.122	0.203	0.281	0.318	0.299	0.239	0.172	0.136
2251	22.50	0.148	0.199	0.251	0.262	0.198	0.056	-0.137	-0.327	-0.460	-0.560
2261	22.60	-0.465	-0.328	-0.205	-0.132	-0.149	-0.259	-0.432	-0.615	-0.750	-0.799
2271	22.70	-0.751	-0.631	-0.483	-0.354	-0.281	-0.270	-0.303	-0.339	-0.337	-0.271
2281	22.80	-0.136	0.046	0.237	0.398	0.502	0.543	0.536	0.510	0.491	0.498
2291	22.90	0.527	0.563	0.577	0.566	0.461	0.330	0.180	0.044	-0.049	-0.082
2301	23.00	-0.059	0.001	0.066	0.110	0.115	0.077	0.006	-0.082	-0.171	-0.251
2311	23.10	-0.313	-0.357	-0.380	-0.380	-0.358	-0.319	-0.275	-0.246	-0.246	-0.284
2321	23.20	-0.348	-0.416	-0.455	-0.460	-0.367	-0.252	-0.132	-0.046	-0.020	-0.056
2331	23.30	-0.131	-0.209	-0.253	-0.246	-0.191	-0.109	-0.027	0.035	0.069	0.082
2341	23.40	0.080	0.064	0.031	-0.025	-0.101	-0.176	-0.217	-0.188	-0.070	0.123
2351	23.50	0.347	0.560	0.645	0.631	0.514	0.340	0.173	0.060	0.018	0.027
2361	23.60	0.046	0.035	-0.021	-0.103	-0.171	-0.181	-0.115	0.014	0.160	0.264
2371	23.70	0.280	0.194	0.029	-0.164	-0.329	-0.425	-0.443	-0.406	-0.353	-0.325
2381	23.80	-0.367	-0.615	-0.504	-0.576	-0.596	-0.547	-0.436	-0.290	-0.148	-0.048
2391	23.90	-0.008	-0.026	-0.079	-0.131	-0.151	-0.124	-0.057	0.024	0.089	0.115
2401	24.00	0.099	0.058	0.025	0.028	0.083	0.179	0.288	0.375	0.412	0.393
2411	24.10	0.332	0.259	0.201	0.174	0.179	0.198	0.212	0.208	0.184	0.151
2421	24.20	0.123	0.111	0.115	0.124	0.128	0.116	0.089	0.056	0.029	0.019
2431	24.30	0.027	0.047	0.068							

Table 7—40—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1187 112-GR-1-43 HB. (HB.) KINOKAWA BRIDGE MAX. ACC. = -86.788 (GAL) T= 0.11 (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	0.0	10.023	27.168	47.037	62.012	63.850	47.468	14.067	-26.095	-66.023
11	0.10	-86.788	-82.867	-55.530	-14.951	23.822	46.802	46.700	25.633	-6.267	-35.613
21	0.20	-51.665	-59.617	-36.398	-17.841	-3.820	1.132	-1.618	-5.384	-4.057	5.856
31	0.30	22.185	38.298	46.540	42.263	26.516	4.744	-14.093	-23.455	-21.180	-10.257
41	0.40	3.122	12.868	15.878	13.062	8.181	5.333	6.586	11.056	15.796	17.333
51	0.50	16.058	11.825	7.954	6.771	8.439	10.618	9.768	3.247	-8.642	-22.482
61	0.60	-33.072	-35.999	-29.957	-17.588	-4.335	4.138	4.642	-2.095	-11.942	-19.528
71	0.70	-20.896	-15.289	-5.229	5.029	11.738	13.384	11.043	7.334	4.687	3.985
81	0.80	4.350	4.006	1.829	-1.762	-4.845	-5.178	-1.741	4.301	9.887	11.546
91	0.90	7.323	-1.923	-12.653	-20.220	-21.161	-15.007	-4.639	5.038	9.487	6.795
101	1.00	-1.361	-10.534	-15.752	-13.802	-5.169	6.538	16.155	19.472	15.201	5.495
111	1.10	-5.145	-12.005	-12.249	-5.999	4.025	13.995	20.766	23.119	21.852	18.887
121	1.20	15.946	13.571	10.988	6.844	0.343	-7.884	-15.695	-20.236	-19.247	-12.234
131	1.30	-0.934	11.189	20.192	23.118	19.039	9.279	-3.228	-15.104	-23.712	-27.883
141	1.40	-27.981	-25.360	-21.686	-18.060	-14.920	-12.062	-9.057	-5.690	-2.197	0.780
151	1.50	2.480	2.404	0.595	-2.298	-5.150	-6.916	-6.615	-4.023	0.628	5.734
161	1.60	10.612	13.955	14.882	13.553	10.574	7.079	4.292	3.105	3.767	5.783
171	1.70	8.093	9.470	8.990	6.413	2.309	-2.125	-5.498	-6.730	-5.455	-2.088
181	1.80	2.269	6.335	9.060	9.948	9.121	7.133	4.665	2.233	0.086	-1.752
191	1.90	-3.285	-4.378	-4.710	-3.889	-1.681	1.785	5.945	9.919	12.775	13.832
201	2.00	12.850	10.049	5.954	1.168	-3.821	-8.695	-13.235	-17.193	-20.196	-21.785
211	2.10	-21.565	-19.413	-15.620	-10.887	-6.158	-2.339	-0.033	0.620	-0.070	-1.494
221	2.20	-2.958	-3.880	-3.894	-2.871	-0.885	1.834	4.933	7.963	10.433	11.907
231	2.30	12.126	11.118	9.229	7.042	5.203	4.206	4.235	5.120	6.422	7.602
241	2.40	8.205	7.975	6.877	5.046	2.707	0.121	-2.429	-4.629	-6.152	-6.722
251	2.50	-6.220	-4.784	-2.833	-0.975	0.181	0.247	-0.790	-2.565	-4.475	-5.921
261	2.60	-6.540	-6.318	-5.537	-4.597	-3.803	-3.227	-2.717	-2.035	-1.065	0.055
271	2.70	0.931	1.076	0.146	-1.821	-4.350	-6.645	-7.868	-7.454	-5.347	-2.026
281	2.80	1.662	4.819	6.811	7.450	7.048	6.132	5.272	4.800	4.711	4.742
291	2.90	4.553	3.934	2.928	1.804	0.905	0.446	0.383	0.409	0.104	-0.839
301	3.00	-2.422	-4.284	-5.816	-6.410	-5.718	-3.817	-1.190	1.467	3.525	4.653
311	3.10	4.916	4.680	4.401	4.391	4.680	5.032	5.089	4.568	3.396	1.729
321	3.20	-0.143	-1.949	-3.557	-4.984	-6.323	-7.616	-8.761	-9.519	-9.617	-8.887
331	3.30	-7.381	-5.380	-3.300	-1.533	-0.305	0.381	0.701	0.895	1.147	1.516
341	3.40	1.958	2.391	2.776	3.145	3.574	4.115	4.740	5.335	5.747	5.863
351	3.50	5.666	5.240	4.713	4.188	3.691	3.182	2.620	2.025	1.514	1.247
361	3.60	1.333	1.727	2.202	2.620	2.887	1.117	-0.283	-1.667	-2.521	-2.493
371	3.70	-1.556	-0.034	1.531	2.605	2.876	2.355	1.322	0.157	-0.851	-1.618
381	3.80	-2.240	-2.874	-3.578	-4.231	-4.569	-4.320	-3.373	-1.864	-0.147	1.361
391	3.90	2.368	2.827	2.929	2.961	3.118	3.359	3.407	2.887	1.541	-0.592
401	4.00	-3.132	-5.488	-7.088	-7.620	-7.150	-6.073	-4.917	-4.100	-3.767	-3.766
411	4.10	-3.782	-3.526	-2.903	-2.041	-1.204	-0.615	-0.319	-0.146	0.188	0.914
421	4.20	2.052	3.369	4.476	5.016	4.861	4.111	3.207	2.549	2.381	2.640
431	4.30	2.981	2.946	2.194	0.678	-1.319	-3.306	-4.798	-5.526	-5.527	-5.090
441	4.40	-4.584	-4.269	-4.175	-4.123	-3.851	-3.181	-2.135	-0.932	0.113	0.754
451	4.50	0.925	0.763	0.518	0.406	0.496	0.679	0.745	0.525	0.014	-0.598
461	4.60	-0.991	-0.871	-0.117	1.146	2.590	3.817	4.521	4.604	4.185	3.513
471	4.70	2.839	2.299	1.888	1.502	1.058	0.476	-0.098	-0.544	-0.761	-0.756
481	4.80	-0.665	-0.683	-0.964	-1.522	-2.206	-2.761	-2.946	-2.657	-1.990	-1.211
491	4.90	-0.635	-0.485	-0.785	-1.344	-1.836	-1.941	-1.477	-0.478	0.836	2.136

Table 7—40—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1187 112-GR-1-43 HB. (HB.) KINOKAWA BRIDGE MAX. ACC. = -86.788 (GAL) T= 0.11 (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	3.136	3.667	3.720	3.413	2.913	2.365	1.850	1.391	0.982	0.623
511	5.10	0.330	0.121	-0.008	-0.102	-0.238	-0.487	-0.872	-1.347	-1.800	-2.110
521	5.20	-2.193	-2.053	-1.780	-1.510	-1.359	-1.366	-1.471	-1.540	-1.424	-1.021
531	5.30	-0.321	0.595	1.592	2.526	3.289	3.816	4.081	4.073	3.783	3.216
541	5.40	2.407	1.446	0.471	-0.355	-0.891	-1.069	-0.916	-0.540	-0.089	0.303
551	5.50	0.552	0.642	0.605	0.486	0.320	0.117	-0.125	-0.405	-0.697	-0.959
561	5.60	-1.138	-1.197	-1.124	-0.933	-0.656	-0.327	0.014	0.325	0.545	0.604
571	5.70	0.432	-0.008	-0.692	-1.525	-2.362	-3.052	-3.492	-3.652	-3.581	-3.370
581	5.80	-3.095	-2.787	-2.418	-1.939	-1.321	-0.603	0.113	0.690	1.023	1.083
591	5.90	0.938	0.722	0.576	0.580	0.730	0.949	1.137	1.231	1.238	1.227
601	6.00	1.289	1.479	1.785	2.131	2.414	2.554	2.535	2.399	2.223	2.065
611	6.10	1.938	1.806	1.613	1.321	0.944	0.547	0.216	0.022	-0.011	0.092
621	6.20	0.278	0.497	0.726	0.965	1.217	1.462	1.668	1.704	1.581	1.284
631	6.30	0.886	0.504	0.253	0.185	0.269	0.399	0.447	0.333	0.058	-0.287
641	6.40	-0.572	-0.697	-0.643	-0.484	-0.354	-0.272	-0.586	-0.939	-1.304	-1.561
651	6.50	-1.569	-1.406	-1.161	-0.972	-0.939	-1.074	-1.293	-1.463	-1.644	-1.252
661	6.60	-0.876	-0.454	-0.117	0.050	0.036	-0.106	-0.298	-0.484	-0.653	-0.838
671	6.70	-1.083	-1.402	-1.761	-2.084	-2.292	-2.332	-2.205	-1.959	-1.658	-1.343
681	6.80	-1.016	-0.645	-0.198	0.326	0.870	1.336	1.624	1.675	1.506	1.206
691	6.90	0.899	0.693	0.637	0.708	0.833	0.931	0.945	0.864	0.703	0.481
701	7.00	0.196	-0.170	-0.631	-1.157	-1.659	-2.002	-2.053	-1.763	-1.119	-0.335
711	7.10	0.388	0.855	0.972	0.788	0.473	0.237	0.244	0.532	1.007	1.483
721	7.20	1.766	1.745	1.429	0.937	0.444	0.100	-0.023	0.050	0.226	0.395
731	7.30	0.473	0.451	0.361	0.265	0.212	0.217	0.260	0.297	0.286	0.205
741	7.40	0.058	-0.131	-0.326	-0.491	-0.595	-0.623	-0.572	-0.462	-0.330	-0.225
751	7.50	-0.197	-0.279	-0.467	-0.723	-0.980	-1.165	-1.224	-1.146	-0.957	-0.713
761	7.60	-0.468	-0.259	-0.090	0.058	0.214	0.396	0.594	0.779	0.914	0.970
771	7.70	0.940	0.844	0.718	0.603	0.532	0.522	0.573	0.671	0.788	0.889
781	7.80	0.935	0.888	0.725	0.445	0.080	-0.310	-0.653	-0.891	-0.995	-0.982
791	7.90	-0.903	-0.821	-0.786	-0.811	-0.871	-0.916	-0.896	-0.789	-0.612	-0.412
801	8.00	-0.248	-0.168	-0.193	-0.318	-0.515	-0.753	-1.002	-1.228	-1.391	-1.439
811	8.10	-1.315	-0.985	-0.453	0.212	0.893	1.448	1.762	1.791	1.577	1.236
821	8.20	0.910	0.714	0.692	0.804	0.954	1.033	0.974	0.769	0.470	0.157
831	8.30	-0.102	-0.277	-0.384	-0.464	-0.558	-0.685	-0.860	-1.001	-1.145	-1.259
841	8.40	-1.339	-1.384	-1.381	-1.314	-1.168	-0.955	-0.720	-0.535	-0.476	-0.590
851	8.50	-0.869	-1.246	-1.622	-1.901	-2.023	-1.983	-1.814	-1.558	-1.240	-0.856
861	8.60	-0.391	0.154	0.736	1.271	1.692	1.852	1.857	1.775	1.749	1.900
871	8.70	2.268	2.780	3.272	3.559	3.518	3.144	2.554	1.940	1.479	1.262
881	8.80	1.260	1.343	1.348	1.157	0.743	0.177	-0.417	-0.922	-1.275	-1.483
891	8.90	-1.609	-1.719	-1.853	-2.005	-2.132	-2.188	-2.152	-2.034	-1.874	-1.710
901	9.00	-1.559	-1.408	-1.221	-0.966	-0.628	-0.227	0.196	0.589	0.909	1.134
911	9.10	1.262	1.304	1.282	1.221	1.152	1.110	1.131	1.238	1.427	1.660
921	9.20	1.873	1.995	1.971	1.790	1.490	1.145	0.857	0.625	0.527	0.515
931	9.30	0.535	0.532	0.477	0.379	0.278	0.230	0.284	0.462	0.751	1.110
941	9.40	1.478	1.787	1.980	2.012	1.866	1.548	1.090	0.544	-0.023	-0.547
951	9.50	-0.978	-1.293	-1.495	-1.612	-1.680	-1.733	-1.789	-1.847	-1.888	-1.889
961	9.60	-1.831	-1.711	-1.540	-1.342	-1.144	-0.968	-0.823	-0.710	-0.625	-0.563
971	9.70	-0.523	-0.512	-0.536	-0.595	-0.678	-0.764	-0.830	-0.858	-0.843	-0.794
981	9.80	-0.729	-0.661	-0.587	-0.487	-0.333	-0.104	0.196	0.518	0.797	0.956
991	9.90	0.940	0.737	0.389	-0.031	-0.438	-0.769	-0.999	-1.136	-1.204	-1.223

Table 7—40—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1187 112-GR-1-43 HB. (HB.) KINOKAWA BRIDGE MAX. ACC. = -86.788 (GAL) I= 0.11 (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	-1.188	-1.078	-0.867	-0.546	-0.140	0.293	0.684	0.971	1.117	1.115
1011	10.10	0.977	0.717	0.348	-0.115	-0.642	-1.165	-1.588	-1.803	-1.729	-1.351
1021	10.20	-0.736	-0.920	0.639	1.110	1.338	1.351	1.237	1.096	0.994	0.938
1031	10.30	0.888	0.790	0.617	0.395	0.193	0.090	0.139	0.332	0.605	0.860
1041	10.40	1.005	0.989	0.813	0.524	0.190	-0.123	-0.370	-0.531	-0.601	-0.588
1051	10.50	-0.510	-0.395	-0.282	-0.210	-0.205	-0.266	-0.359	-0.436	-0.451	-0.395
1061	10.60	-0.301	-0.232	-0.252	-0.386	-0.601	-0.816	-0.934	-0.893	-0.696	-0.412
1071	10.70	-0.144	0.019	0.048	-0.022	-0.116	-0.166	-0.150	-0.106	-0.100	-0.182
1081	10.80	-0.337	-0.483	-0.499	-0.294	0.133	0.674	1.148	1.371	1.242	0.796
1091	10.90	0.186	-0.373	-0.708	-0.753	-0.572	-0.322	-0.169	-0.210	-0.431	-0.723
1101	11.00	-0.941	-0.978	-0.810	-0.500	-0.161	0.105	0.250	0.293	0.299	0.334
1111	11.10	0.428	0.567	0.700	0.780	0.786	0.738	0.685	0.679	0.750	0.895
1121	11.20	1.081	1.268	1.419	1.515	1.555	1.549	1.510	1.453	1.395	1.355
1131	11.30	1.347	1.374	1.419	1.445	1.409	1.279	1.052	0.754	0.433	0.127
1141	11.40	-0.150	-0.425	-0.742	-1.139	-1.607	-2.084	-2.461	-2.629	-2.522	-2.154
1151	11.50	-1.618	-1.054	-0.602	-0.365	-0.291	-0.376	-0.507	-0.597	-0.602	-0.522
1161	11.60	-0.285	-0.227	-0.065	0.102	0.277	0.457	0.614	0.722	0.746	0.690
1171	11.70	0.587	0.489	0.460	0.468	0.476	0.455	0.321	0.050	-0.320	-0.689
1181	11.80	-0.934	-0.958	-0.729	-0.302	0.202	0.638	0.887	0.899	0.704	0.391
1191	11.90	0.074	-0.151	-0.239	-0.198	-0.076	0.065	0.174	0.233	0.249	0.248
1201	12.00	0.256	0.282	0.318	0.343	0.334	0.278	0.180	0.063	-0.047	-0.127
1211	12.10	-0.168	-0.178	-0.173	-0.171	-0.178	-0.183	-0.170	-0.120	-0.027	0.092
1221	12.20	0.202	0.222	0.244	0.245	0.193	-0.141	-0.197	-0.114	0.134	0.532
1231	12.30	1.020	1.516	1.933	2.197	2.269	2.148	1.867	1.485	1.066	0.668
1241	12.40	0.330	0.061	-0.153	-0.362	-0.544	-0.785	-1.075	-1.402	-1.737	-2.040
1251	12.50	-2.274	-2.409	-2.435	-2.361	-2.216	-2.043	-1.895	-1.821	-1.852	-1.989
1261	12.60	-2.200	-2.422	-2.579	-2.608	-2.480	-2.214	-1.872	-1.530	-1.251	-1.053
1271	12.70	-0.903	-0.728	-0.450	-0.027	0.523	1.122	1.660	2.035	2.198	2.164
1281	12.80	2.007	1.822	1.687	1.628	1.619	1.597	1.503	1.307	1.028	0.722
1291	12.90	0.453	0.266	0.168	0.127	0.091	0.011	-0.135	-0.336	-0.563	-0.780
1301	13.00	-0.961	-1.099	-1.202	-1.279	-1.332	-1.348	-1.309	-1.196	-1.006	-0.753
1311	13.10	-0.467	-0.188	0.048	0.215	0.301	0.310	0.256	0.158	0.039	-0.083
1321	13.20	-0.194	-0.284	-0.353	-0.400	-0.428	-0.436	-0.417	-0.364	-0.272	-0.144
1331	13.30	0.003	0.146	0.262	0.335	0.366	0.371	0.374	0.397	0.448	0.520
1341	13.40	0.596	0.659	0.703	0.737	0.778	0.862	0.934	1.039	1.131	1.184
1351	13.50	1.182	1.154	1.119	1.118	1.127	1.252	1.432	1.550	1.603	1.574
1361	13.60	1.480	1.365	1.278	1.252	1.289	1.353	1.393	1.354	1.221	1.006
1371	13.70	0.756	0.527	0.365	0.284	0.262	0.259	0.230	0.168	0.020	-0.124
1381	13.80	-0.244	-0.308	-0.311	-0.278	-0.252	-0.276	-0.376	-0.549	-0.763	-0.973
1391	13.90	-1.136	-1.230	-1.252	-1.216	-1.141	-1.041	-0.919	-0.771	-0.600	-0.422
1401	14.00	-0.269	-0.175	-0.165	-0.236	-0.350	-0.465	-0.455	-0.334	-0.082	0.260
1411	14.10	0.619	0.919	1.109	1.181	1.162	1.104	1.051	1.021	0.999	0.950
1421	14.20	0.863	0.665	0.439	0.214	0.041	-0.048	-0.056	-0.012	0.025	0.014
1431	14.30	-0.064	-0.192	-0.332	-0.440	-0.490	-0.485	-0.450	-0.419	-0.416	-0.444
1441	14.40	-0.485	-0.513	-0.512	-0.486	-0.457	-0.453	-0.490	-0.556	-0.617	-0.626
1451	14.50	-0.551	-0.390	-0.180	0.016	0.136	0.141	0.034	-0.144	-0.334	-0.483
1461	14.60	-0.572	-0.616	-0.652	-0.721	-0.843	-1.006	-1.172	-1.298	-1.354	-1.335
1471	14.70	-1.256	-1.144	-1.014	-0.863	-0.696	-0.436	-0.148	0.157	0.424	0.595
1481	14.80	0.636	0.550	0.382	0.201	0.070	0.025	0.059	0.134	0.198	0.212
1491	14.90	0.167	0.085	0.005	-0.034	-0.009	0.077	0.205	0.348	0.476	0.570

Table 7—40—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1187 112-GR-1-43 HB. (HB.) KINOKAWA BRIDGE MAX. ACC. = -86.788 (GAL) I= 0.11 (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	0.611	0.580	0.459	0.236	-0.081	-0.469	-0.874	-1.232	-1.488	-1.611
1511	15.10	-1.607	-1.515	-1.390	-1.284	-1.229	-1.227	-1.262	-1.306	-1.335	-1.335
1521	15.20	-1.300	-1.228	-1.117	-0.961	-0.757	-0.509	-0.233	0.047	0.309	0.535
1531	15.30	0.719	0.866	0.975	1.052	1.085	1.061	0.975	0.837	0.678	0.537
1541	15.40	0.452	0.438	0.484	0.552	0.599	0.588	0.511	0.387	0.255	0.153
1551	15.50	0.105	0.111	0.152	0.200	0.231	0.238	0.223	0.195	0.163	0.131
1561	15.60	0.102	0.085	0.101	0.124	0.125	0.150	0.187	0.063	0.218	1.227
1571	15.70	1.074	0.794	0.460	0.156	-0.051	-0.128	-0.131	-0.082	-0.047	-0.058
1581	15.80	-0.105	-0.151	-0.151	-0.078	0.055	0.204	0.309	0.328	0.256	0.132
1591	15.90	0.023	-0.007	0.077	0.264	0.501	0.718	0.856	0.890	0.837	0.743
1601	16.00	0.659	0.619	0.623	0.646	0.648	0.594	0.472	0.294	0.089	-0.109
1611	16.10	-0.273	-0.390	-0.457	-0.476	-0.454	-0.396	-0.309	-0.205	-0.103	-0.021
1621	16.20	0.031	0.055	0.066	0.089	0.148	0.256	0.410	0.590	0.773	0.935
1631	16.30	1.063	1.156	1.218	1.256	1.274	1.267	1.226	1.139	0.996	0.788
1641	16.40	0.516	0.187	-0.176	-0.535	-0.841	-1.041	-1.100	-1.011	-0.811	-0.572
1651	16.50	-0.385	-0.323	-0.423	-0.663	-0.973	-1.260	-1.446	-1.495	-1.426	-1.297
1661	16.60	-1.182	-1.133	-1.163	-1.241	-1.309	-1.314	-1.227	-1.056	-0.839	-0.621
1671	16.70	-0.442	-0.316	-0.232	-0.166	-0.093	0.005	0.134	0.292	0.475	0.675
1681	16.80	0.887	1.096	1.284	1.428	1.508	1.517	1.465	1.378	1.286	1.216
1691	16.90	1.179	1.171	1.176	1.176	1.158	1.117	1.053	0.964	0.846	0.688
1701	17.00	0.483	0.232	-0.047	-0.327	-0.570	-0.747	-0.836	-0.835	-0.755	-0.615
1711	17.10	-0.439	-0.249	-0.067	0.087	0.197	0.250	0.246	0.193	0.102	-0.014
1721	17.20	-0.152	-0.363	-0.544	-0.824	-1.154	-1.493	-1.778	-1.939	-1.928	-1.739
1731	17.30	-1.419	-1.050	-0.725	-0.511	-0.422	-0.418	-0.422	-0.356	-0.177	0.103
1741	17.40	0.426	0.706	0.874	0.900	0.810	0.668	0.549	0.512	0.573	0.707
1751	17.50	0.866	0.995	1.059	1.047	0.966	0.829	0.647	0.426	0.175	-0.083
1761	17.60	-0.308	-0.452	-0.476	-0.382	-0.219	-0.084	-0.085	-0.308	-0.770	-1.405
1771	17.70	-2.278	-2.625	-2.906	-2.859	-2.517	-1.992	-1.439	-0.986	-0.714	-0.625
1781	17.80	-0.648	-0.689	-0.665	-0.532	-0.300	-0.018	0.250	0.450	0.556	0.571
1791	17.90	0.523	0.451	0.390	0.367	0.394	0.465	0.560	0.649	0.692	0.653
1801	18.00	0.512	0.274	-0.029	-0.343	-0.606	-0.766	-0.803	-0.733	-0.600	-0.465
1811	18.10	-0.384	-0.385	-0.466	-0.598	-0.732	-0.830	-0.868	-0.844	-0.778	-0.699
1821	18.20	-0.631	-0.585	-0.553	-0.519	-0.463	-0.374	-0.255	-0.120	0.011	0.127
1831	18.30	0.230	0.335	0.432	0.526	0.815	1.007	1.160	1.238	1.228	1.147
1841	18.40	1.039	0.955	0.930	0.963	1.023	1.055	1.017	0.897	0.726	0.561
1851	18.50	0.462	0.458	0.531	0.629	0.685	0.660	0.562	0.448	0.393	0.454
1861	18.60	0.637	0.885	1.104	1.203	1.136	0.922	0.639	0.382	0.222	0.173
1871	18.70	0.192	0.202	0.144	0.005	-0.167	-0.285	-0.270	-0.087	0.224	0.566
1881	18.80	0.811	0.862	0.682	0.316	-0.128	-0.519	-0.769	-0.767	-0.589	-0.287
1891	18.90	0.040	0.303	0.448	0.471	0.408	0.321	0.268	0.286	0.374	0.499
1901	19.00	0.608	0.655	0.618	0.506	0.358	0.224	0.140	0.113	0.120	0.120
1911	19.10	0.078	-0.020	-0.152	-0.279	-0.363	-0.388	-0.377	-0.375	-0.433	-0.576
1921	19.20	-0.787	-1.013	-1.185	-1.256	-1.217	-1.108	-0.995	-0.937	-0.958	-1.036
1931	19.30	-1.109	-1.113	-1.006	-0.794	-0.528	-0.279	-0.110	-0.046	-0.074	-0.146
1941	19.40	-0.206	-0.215	-0.165	-0.070	0.040	0.144	0.233	0.318	0.416	0.535
1951	19.50	0.670	0.799	0.889	0.912	0.853	0.722	0.545	0.367	0.227	0.156
1961	19.60	0.162	0.229	0.321	0.396	0.416	0.363	0.242	0.083	-0.076	-0.199
1971	19.70	-0.266	-0.279	-0.257	-0.224	-0.199	-0.184	-0.167	-0.128	-0.050	0.070
1981	19.80	0.225	0.393	0.553	0.685	0.775	0.819	0.813	0.760	0.667	0.549
1991	19.90	0.425	0.316	0.235	0.180	0.134	0.074	-0.020	-0.152	-0.301	-0.432

Table 7—40—5 TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1187 112-GR-1-43 HB. (HB.) KINOKAWA BRIDGE MAX. ACC. = -86.788 (GAL) T= 0.11 (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	-0.513	-0.528	-0.487	-0.423	-0.375	-0.367	-0.395	-0.436	-0.456	-0.440
2011	20.10	-0.399	-0.369	-0.390	-0.485	-0.639	-0.801	-0.909	-0.918	-0.824	-0.667
2021	20.20	-0.512	-0.419	-0.410	-0.463	-0.523	-0.540	-0.491	-0.395	-0.301	-0.256
2031	20.30	-0.271	-0.313	-0.317	-0.217	0.013	0.341	0.684	0.946	1.054	0.999
2041	20.40	0.828	0.627	0.473	0.405	0.407	0.424	0.398	0.295	0.127	-0.063
2051	20.50	-0.220	-0.307	-0.319	-0.282	-0.232	-0.191	-0.164	-0.133	-0.080	-0.000
2061	20.60	0.090	0.160	0.182	0.147	0.074	-0.001	-0.046	-0.045	-0.013	0.016
2071	20.70	0.003	-0.069	-0.190	-0.321	-0.414	-0.432	-0.364	-0.227	-0.055	0.111
2081	20.80	0.246	0.342	0.404	0.446	0.478	0.503	0.516	0.507	0.465	0.381
2091	20.90	0.252	0.077	-0.132	-0.353	-0.556	-0.706	-0.778	-0.764	-0.686	-0.583
2101	21.00	-0.502	-0.476	-0.501	-0.551	-0.573	-0.522	-0.381	-0.175	0.038	0.190
2111	21.10	0.230	0.145	-0.033	-0.243	-0.422	-0.523	-0.531	-0.461	-0.340	-0.200
2121	21.20	-0.063	0.051	0.123	0.128	0.041	-0.147	-0.415	-0.708	-0.947	-1.052
2131	21.30	-0.980	-0.742	-0.402	-0.060	0.192	0.300	0.270	0.153	0.021	-0.069
2141	21.40	-0.100	-0.090	-0.078	-0.091	-0.126	-0.150	-0.117	0.001	0.193	0.410
2151	21.50	0.584	0.661	0.627	0.520	0.408	0.363	0.422	0.574	0.765	0.922
2161	21.60	0.991	0.956	0.865	0.713	0.613	0.576	0.599	0.650	0.693	0.703
2171	21.70	0.674	0.623	0.574	0.567	0.550	0.575	0.605	0.619	0.597	0.522
2181	21.80	0.385	0.188	-0.054	-0.305	-0.517	-0.644	-0.657	-0.559	-0.393	-0.227
2191	21.90	-0.129	-0.141	-0.255	-0.423	-0.570	-0.628	-0.566	-0.401	-0.186	0.010
2201	22.00	0.132	0.156	0.095	-0.023	-0.162	-0.297	-0.412	-0.497	-0.536	-0.512
2211	22.10	-0.412	-0.243	-0.039	0.169	0.269	0.295	0.246	0.176	0.157	0.238
2221	22.20	0.418	0.641	0.822	0.885	0.803	0.620	0.430	0.334	0.395	0.597
2231	22.30	0.857	1.055	1.095	0.947	0.660	0.340	0.100	0.004	0.041	0.133
2241	22.40	0.174	0.089	-0.134	-0.428	-0.685	-0.798	-0.716	-0.461	-0.123	0.180
2251	22.50	0.350	0.343	0.185	-0.050	-0.271	-0.410	-0.444	-0.393	-0.308	-0.244
2261	22.60	-0.232	-0.274	-0.344	-0.406	-0.426	-0.394	-0.317	-0.222	-0.138	-0.087
2271	22.70	-0.076	-0.095	-0.127	-0.156	-0.171	-0.178	-0.186	-0.208	-0.246	-0.291
2281	22.80	-0.321	-0.311	-0.246	-0.127	0.022	0.166	0.258	0.280	0.228	0.127
2291	22.90	0.018	-0.058	-0.079	-0.047	0.009	0.053	0.055	0.009	-0.066	-0.131
2301	23.00	-0.147	-0.097	0.009	0.131	0.216	0.222	0.137	-0.014	-0.181	-0.306
2311	23.10	-0.348	-0.303	-0.205	-0.107	-0.059	-0.086	-0.174	-0.280	-0.351	-0.350
2321	23.20	-0.272	-0.146	-0.023	0.048	0.042	-0.032	-0.138	-0.232	-0.275	-0.257
2331	23.30	-0.190	-0.104	-0.032	0.007	0.004	-0.036	-0.107	-0.200	-0.310	-0.425
2341	23.40	-0.527	-0.591	-0.596	-0.533	-0.417	-0.286	-0.183	-0.140	-0.165	-0.231
2351	23.50	-0.292	-0.301	-0.236	-0.108	0.039	0.155	0.206	0.192	0.169	0.132
2361	23.60	0.187	0.328	0.528	0.730	0.872	0.912	0.848	0.714	0.568	0.465
2371	23.70	0.434	0.473	0.568	0.614	0.631	0.584	0.480	0.349	0.228	0.149
2381	23.80	0.125	0.166	0.181	0.191	0.141	0.012	-0.185	-0.411	-0.613	-0.741
2391	23.90	-0.766	-0.694	-0.564	-0.429	-0.335	-0.300	-0.306	-0.311	-0.274	-0.177
2401	24.00	-0.041	0.082	0.133	0.079	-0.072	-0.266	-0.428	-0.498	-0.457	-0.339
2411	24.10	-0.213	-0.149	-0.183	-0.301	-0.438	-0.516	-0.476	-0.306	-0.044	0.242
2421	24.20	0.482	0.638	0.713	0.735	0.739	0.762	0.731	0.678	0.553	0.354
2431	24.30	0.113	-0.115	-0.270							

Table 7—41—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	22.623	6.851	-15.199	-34.937	-43.564	-35.954	-13.506	16.076	41.526	52.587
11	0.10	44.323	19.300	-13.321	-41.414	-56.662	-48.475	-25.468	5.952	35.126	53.186
21	0.20	55.970	44.772	24.966	3.375	-14.348	-25.265	-29.394	-28.511	-24.949	-20.407
31	0.30	-15.584	-10.429	-4.684	1.659	8.287	14.669	20.292	24.743	27.416	28.358
41	0.40	26.246	20.614	11.269	-1.106	-14.801	-27.336	-36.069	-38.978	-35.260	-25.590
51	0.50	-11.928	3.026	16.511	26.328	31.248	31.146	26.890	20.038	12.417	5.684
61	0.60	0.961	-1.366	-1.616	-0.583	0.793	1.705	1.595	0.080	-3.197	-8.618
71	0.70	-16.410	-26.249	-36.838	-45.754	-69.817	-46.001	-32.623	-10.339	17.545	45.705
81	0.80	68.257	80.527	80.482	69.258	50.592	29.623	10.231	-4.234	-13.403	-18.469
91	0.90	-21.437	-24.105	-27.428	-31.420	-35.471	-38.789	-40.662	-40.446	-37.386	-30.503
101	1.00	-18.785	-1.715	20.063	44.256	66.980	83.484	89.419	82.243	62.264	32.877
111	1.10	-0.153	-30.207	-51.634	-61.314	-59.418	-49.146	-35.518	-25.669	-17.216	-17.232
121	1.20	-22.139	-28.483	-32.250	-30.237	-21.019	-5.259	14.625	35.206	52.888	64.592
131	1.30	68.197	62.777	48.725	27.806	3.094	-21.367	-41.226	-52.771	-53.916	-44.851
141	1.40	-28.094	-7.827	11.248	25.152	31.508	29.796	21.015	7.046	-9.910	-27.559
151	1.50	-43.436	-54.781	-58.711	-52.871	-36.437	-11.006	19.166	47.816	68.532	76.613
161	1.60	70.794	53.712	30.923	8.780	-8.043	-18.334	-24.691	-32.186	-45.859	-67.984
171	1.70	-96.273	-123.286	-140.259	-137.782	-109.266	-55.841	18.854	89.963	154.618	195.918
181	1.80	206.248	184.918	137.724	74.758	7.408	-54.341	-103.484	-136.122	-151.068	-148.211
191	1.90	-128.786	-95.338	-52.452	-7.030	32.499	58.166	65.050	53.338	28.754	0.863
201	2.00	-20.262	-27.695	-20.055	-1.579	20.146	37.680	46.762	47.470	43.040	37.146
211	2.10	31.226	23.411	9.726	-13.060	-44.540	-79.460	-109.111	-124.853	-122.091	-102.663
221	2.20	-74.297	-47.225	-29.525	-23.436	-24.481	-23.837	-12.788	12.935	51.027	93.665
231	2.30	131.697	155.697	164.993	148.490	118.683	131.683	118.854	84.213	49.309	6.853
241	2.40	-37.632	-73.477	-90.380	-81.203	-46.744	3.712	55.272	92.836	106.643	95.507
251	2.50	66.343	30.326	-2.407	-26.996	-45.085	-62.611	-85.395	-114.792	-145.637	-167.527
261	2.60	-168.938	-142.272	-87.548	-13.050	67.320	138.791	190.462	218.041	223.576	212.592
271	2.70	190.231	158.382	115.247	57.562	-15.628	-99.586	-182.760	-248.860	-281.639	-270.643
281	2.80	-215.609	-127.632	-26.424	65.466	129.380	155.810	146.335	111.743	67.296	27.139
291	2.90	-0.031	-12.571	-14.582	-12.662	-12.376	-15.958	-22.051	-27.245	-28.416	-24.606
301	3.00	-17.585	-10.926	-8.167	-11.053	-18.627	-27.621	-33.848	-33.940	-26.675	-13.385
311	3.10	2.603	17.177	26.769	29.348	24.824	14.878	2.389	-9.324	-17.286	-19.539
321	3.20	-15.643	-6.877	3.964	13.227	17.435	14.440	4.324	-10.343	-25.077	-34.807
331	3.30	-35.584	-26.084	-8.357	12.516	29.823	37.275	31.060	11.226	-18.092	-49.693
341	3.40	-75.290	-87.838	-83.517	-62.770	-30.134	7.039	40.548	63.388	71.326	63.639
351	3.50	42.936	14.255	-16.267	-42.635	-60.299	-66.659	-61.432	-46.471	-25.253	-2.091
361	3.60	18.739	34.119	42.203	43.117	38.297	30.396	21.469	13.331	6.758	1.703
371	3.70	-2.321	-5.810	-9.007	-11.883	-14.282	-16.069	-17.125	-17.177	-15.595	-11.566
381	3.80	-3.384	8.954	25.095	42.939	59.005	69.206	70.036	59.763	39.180	11.641
391	3.90	-17.646	-62.821	-58.717	-61.977	-51.741	-29.819	-0.383	30.754	57.222	73.415
401	4.00	75.849	64.208	41.695	14.401	-10.292	-25.886	-26.817	-19.612	-2.666	15.363
411	4.10	27.962	31.069	24.376	11.154	-3.289	-13.828	-17.508	-16.519	-7.846	-1.864
421	4.20	-0.517	-5.830	-17.280	-32.132	-46.476	-56.496	-59.532	-54.664	-42.784	-26.261
431	4.30	-8.356	7.488	18.393	22.699	20.397	13.157	3.886	-4.145	-8.333	-7.581
441	4.40	-2.608	4.400	10.670	13.872	12.889	8.036	0.707	-7.307	-14.465	-19.809
451	4.50	-22.899	-23.527	-21.478	-16.559	-8.918	0.573	10.152	17.461	20.282	17.434
461	4.60	9.432	-1.448	-11.779	-18.085	-17.979	-10.903	1.782	17.351	32.606	44.750
471	4.70	51.938	53.419	49.359	40.568	28.268	13.952	-0.735	-14.190	-25.144	-32.948
481	4.80	-37.693	-40.043	-40.798	-40.366	-38.445	-34.101	-26.280	-14.532	0.409	16.533
491	4.90	31.050	41.307	45.730	44.351	38.670	30.924	23.109	16.222	10.073	3.718

Table 7—41—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	-3.728	-12.365	-21.229	-28.617	-32.845	-33.028	-29.494	-23.610	-17.123	-11.357
511	5.10	-6.670	-2.442	2.425	8.772	16.589	24.880	32.024	36.455	37.288	34.618
521	5.20	29.339	22.651	15.511	8.335	1.082	-6.375	-13.824	-20.514	-25.311	-27.156
531	5.30	-25.573	-20.973	-14.565	-7.907	-2.307	1.644	4.197	6.172	8.461	11.536
541	5.40	15.210	18.731	21.127	21.620	19.879	16.038	10.495	3.680	-4.083	-12.499
551	5.50	-21.098	-29.050	-35.153	-38.109	-36.971	-31.614	-22.950	-12.788	-3.312	3.609
561	5.60	7.026	7.176	5.320	3.229	2.484	4.036	7.873	13.192	18.710	23.066
571	5.70	25.120	24.089	19.573	11.567	0.531	-12.490	-25.793	-37.136	-46.123	-44.825
581	5.80	-38.438	-25.733	-9.060	8.177	22.439	31.070	33.067	29.177	21.677	13.299
591	5.90	6.351	1.979	-0.015	-0.809	-1.833	-4.025	-7.388	-11.016	-13.553	-13.840
601	6.00	-11.462	-6.937	-1.497	3.431	6.792	8.267	8.278	7.668	7.223	7.276
611	6.10	7.562	7.392	6.031	3.094	-1.229	-6.216	-10.896	-14.406	-16.267	-16.453
621	6.20	-15.240	-12.955	-9.759	-5.599	-0.369	5.939	12.823	19.415	24.555	27.137
631	6.30	26.468	22.501	15.864	7.673	-0.774	-8.296	-14.026	-17.486	-18.552	-17.406
641	6.40	-14.475	-10.422	-6.061	-2.227	0.440	1.918	1.930	1.867	2.505	4.577
651	6.50	8.191	12.652	16.618	18.547	17.287	12.561	5.151	-3.311	-10.873	-15.904
661	6.60	-17.613	-16.246	-12.906	-9.095	-6.155	-4.821	-5.025	-6.010	-6.655	-5.904
671	6.70	-3.144	1.585	7.590	13.716	18.665	21.337	21.111	17.964	12.434	5.432
681	6.80	-2.011	-8.970	-14.742	-18.841	-20.905	-20.617	-17.709	-12.107	-4.141	5.284
691	6.90	14.697	22.308	26.469	26.185	21.481	13.453	3.966	-4.911	-11.512	-15.008
701	7.00	-15.523	-13.922	-11.398	-9.050	-7.593	-7.280	-7.987	-9.371	-10.998	-12.411
711	7.10	-13.169	-12.897	-11.390	-8.727	-5.325	-1.866	0.929	2.564	3.010	2.724
721	7.20	2.455	2.901	4.359	6.568	8.796	10.159	9.992	8.104	4.794	0.654
731	7.30	-3.726	-7.954	-11.835	-15.185	-17.601	-18.368	-16.633	-11.801	-3.987	5.734
741	7.40	15.442	22.892	26.244	24.714	18.866	10.415	1.609	-5.536	-9.855	-11.265
751	7.50	-10.566	-8.946	-7.433	-6.516	-6.067	-5.555	-4.359	-2.090	1.252	5.286
761	7.60	9.385	12.856	15.101	15.749	14.712	12.228	8.822	5.209	2.111	0.044
771	7.70	-0.861	-0.888	-0.608	-0.597	-1.162	-2.063	-2.778	-2.587	-1.068	1.617
781	7.80	4.671	6.918	7.292	5.323	1.604	-3.298	-7.678	-10.770	-12.774	-14.035
791	7.90	-2.246	1.316	3.614	4.230	3.626	1.899	0.419	-0.497	-0.721	-0.437
801	8.00	0.059	0.558	1.030	1.569	2.265	3.084	3.852	4.332	4.361	3.941
811	8.10	3.236	2.476	1.822	1.285	0.754	0.099	-0.692	-1.664	-1.962	-1.992
821	8.20	-1.591	-1.082	-0.961	-1.643	-3.181	-5.125	-6.596	-6.608	-4.480	-0.180
831	8.30	5.582	11.584	16.619	19.166	19.480	17.707	14.586	10.852	6.915	2.763
841	8.40	-1.850	-7.064	-12.022	-17.044	-21.055	-21.274	-19.758	-13.830	-6.186	1.598
851	8.50	8.184	12.536	14.358	14.055	12.438	10.548	8.370	6.731	5.393	4.252
861	8.60	3.291	2.614	2.364	2.461	2.698	2.575	1.585	-0.556	-3.703	-7.241
871	8.70	-10.243	-11.763	-11.174	-8.394	-3.940	1.208	5.870	8.968	9.767	8.029
881	8.80	4.033	-1.496	-7.555	-13.082	-17.211	-19.491	-20.014	-19.374	-18.447	-18.034
891	8.90	-18.505	-19.581	-20.387	-19.770	-16.790	-11.165	-3.483	4.938	12.498	17.870
901	9.00	20.423	20.337	18.351	15.306	11.695	7.492	2.284	-4.301	-12.155	-20.450
911	9.10	-27.768	-32.573	-33.661	-30.793	-24.689	-16.701	-8.351	-0.790	5.499	10.679
921	9.20	15.257	19.690	24.096	28.185	31.391	33.129	33.001	30.889	26.920	21.372
931	9.30	14.612	7.093	-0.606	-7.779	-13.680	-17.701	-19.567	-19.430	-17.806	-15.328
941	9.40	-12.479	-9.372	-5.759	-1.266	4.371	10.833	17.329	22.685	25.732	25.708
951	9.50	22.519	16.762	9.507	1.973	-4.783	-10.038	-13.419	-14.828	-14.340	-12.164
961	9.60	-8.655	-4.537	0.133	4.075	6.953	8.522	8.887	8.425	7.628	6.909
971	9.70	6.484	6.352	6.366	6.367	6.154	5.704	4.924	3.717	1.960	-0.436
981	9.80	-3.437	-6.820	-10.185	-13.062	-14.942	-15.599	-14.940	-13.081	-10.255	-6.739
991	9.90	-2.825	1.163	4.846	7.796	9.611	10.033	9.057	6.966	4.263	1.509

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TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	-0.867	-2.693	-4.068	-5.249	-6.479	-7.836	-9.166	-10.135	-10.376	-9.644
1011	10.10	-7.924	-5.459	-2.676	-0.074	1.898	2.928	2.886	1.825	-0.069	-2.428
1021	10.20	-4.968	-7.366	-9.429	-11.100	-12.437	-13.537	-14.426	-14.982	-14.925	-13.892
1031	10.30	-11.590	-7.948	-3.214	2.067	7.178	11.426	14.321	15.634	15.640	14.533
1041	10.40	12.785	10.780	8.789	6.955	5.313	3.820	2.390	0.929	-0.622	-2.240
1051	10.50	-3.785	-5.007	-5.598	-5.302	-4.021	-1.886	0.774	3.513	5.938	7.821
1061	10.60	9.142	10.025	10.608	10.914	10.798	10.010	8.334	5.750	2.511	-0.889
1071	10.70	-3.869	-5.964	-6.973	-7.004	-6.391	-5.529	-4.710	-4.040	-3.550	-2.804
1081	10.80	-2.006	-1.081	-0.159	0.586	1.036	1.176	1.093	0.915	0.746	0.617
1091	10.90	0.498	0.339	0.124	-0.110	-0.296	-0.380	-0.373	-0.354	-0.437	-0.709
1101	11.00	-1.183	-1.790	-2.416	-2.967	-3.404	-3.767	-4.017	-4.169	-4.054	-3.453
1111	11.10	-2.175	-0.189	2.293	4.817	6.811	7.773	7.458	5.978	3.766	1.418
1121	11.20	-0.521	-1.736	-2.214	-2.189	-1.991	-1.880	-1.934	-2.033	-1.940	-1.624
1131	11.30	-0.366	1.186	3.041	4.930	6.583	7.790	8.431	8.470	7.958	7.019
1141	11.40	5.835	4.624	3.585	2.869	2.436	2.257	2.160	2.014	1.781	1.546
1151	11.50	1.476	1.719	2.319	3.165	3.936	4.402	4.366	3.855	3.103	2.453
1161	11.60	2.200	2.461	3.122	3.897	4.468	4.624	4.335	3.722	2.946	2.078
1171	11.70	1.041	-0.356	-2.284	-4.740	-7.461	-9.956	-11.651	-12.097	-11.146	-9.001
1181	11.80	-6.143	-3.151	-0.514	1.494	2.831	3.600	3.923	3.856	3.363	2.374
1191	11.90	0.878	-1.014	-3.064	-4.969	-6.455	-7.365	-7.689	-7.542	-7.095	-6.506
1201	12.00	-5.875	-5.237	-4.587	-3.909	-3.197	-2.461	-1.722	-1.005	-0.342	0.223
1211	12.10	0.634	0.831	0.772	0.449	-0.108	-0.843	-1.694	-2.612	-3.553	-4.462
1221	12.20	-5.239	-5.740	-5.802	-5.306	-4.251	-2.786	-1.197	0.186	1.091	1.400
1231	12.30	1.171	0.581	-0.173	-0.980	-1.848	-2.854	-4.038	-5.289	-6.317	-6.717
1241	12.40	-6.136	-4.450	-1.873	1.073	3.717	5.485	6.109	5.710	4.724	3.699
1251	12.50	3.061	2.944	3.172	3.379	3.205	2.476	1.278	-0.102	-1.314	-2.110
1261	12.60	-2.631	-2.393	-2.189	-1.963	-1.730	-1.384	-0.789	0.106	1.192	2.209
1271	12.70	2.852	2.913	2.399	1.565	0.833	0.636	1.241	2.637	4.520	6.391
1281	12.80	7.721	8.126	7.484	5.960	3.937	1.886	0.227	-0.782	-1.088	-0.823
1291	12.90	-0.232	0.419	0.921	1.170	1.166	0.978	0.698	0.398	0.107	-0.170
1301	13.00	-0.434	-0.663	-0.801	-0.782	-0.559	-0.142	0.395	0.933	1.357	1.605
1311	13.10	1.691	1.694	1.704	1.763	1.831	1.794	1.527	0.964	0.148	-0.766
1321	13.20	-1.581	-2.151	-2.450	-2.584	-2.721	-2.975	-3.301	-3.462	-3.103	-1.915
1331	13.30	0.195	2.989	5.919	8.284	9.463	9.139	7.410	4.746	1.811	-0.271
1341	13.40	-2.614	-3.656	-4.102	-4.277	-4.459	-4.768	-5.153	-5.464	-5.559	-5.380
1351	13.50	-4.978	-4.457	-3.901	-3.316	-2.632	-1.753	-0.642	0.620	1.821	2.679
1361	13.60	2.939	2.474	1.339	-0.236	-1.922	-3.386	-4.396	-4.867	-4.870	-4.575
1371	13.70	-4.184	-3.851	-3.639	-3.503	-3.322	-2.950	-2.278	-1.291	-0.084	1.152
1381	13.80	2.181	2.791	2.856	2.371	1.449	0.278	-0.937	-2.028	-2.888	-3.471
1391	13.90	-3.766	-3.773	-3.497	-2.959	-2.221	-1.395	-0.633	-0.081	0.185	0.197
1401	14.00	0.108	0.144	0.521	1.365	2.648	4.196	5.740	7.000	7.771	7.957
1411	14.10	7.579	6.728	5.524	4.077	2.493	0.885	-0.605	-1.801	-2.524	-2.639
1421	14.20	-2.099	-0.966	0.594	2.357	4.091	5.607	6.778	7.540	7.882	7.829
1431	14.30	7.435	6.786	5.993	5.178	4.445	3.848	3.369	2.918	2.364	1.586
1441	14.40	0.523	-0.789	-2.219	-3.568	-4.620	-5.199	-5.209	-4.653	-3.632	-2.322
1451	14.50	-0.934	0.317	1.256	1.773	1.860	1.505	0.880	0.101	-0.696	-1.403
1461	14.60	-1.944	-2.275	-2.366	-2.197	-1.773	-1.125	-0.315	0.539	1.313	1.891
1471	14.70	2.205	2.251	2.085	1.792	1.459	1.143	0.864	0.618	0.386	0.156
1481	14.80	-0.096	-0.383	-0.735	-1.174	-1.688	-2.216	-2.642	-2.825	-2.660	-2.131
1491	14.90	-1.342	-0.489	0.208	0.599	0.659	0.481	0.215	-0.041	-0.309	-0.732

Table 7—41—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	-1.491	-2.665	-4.132	-5.544	-6.433	-6.401	-5.317	-3.413	-1.239	0.536
1511	15.10	1.385	1.135	0.036	-1.351	-2.394	-2.646	-2.022	-0.804	0.504	1.404
1521	15.20	1.604	1.176	0.176	-0.840	-1.657	-2.173	-2.487	-2.807	-3.323	-4.090
1531	15.30	-4.987	-5.736	-6.005	-5.517	-4.148	-1.984	0.685	3.422	5.745	7.243
1541	15.40	7.692	7.112	5.765	4.069	2.457	1.234	0.481	0.058	-0.302	-0.837
1551	15.50	-1.622	-2.520	-3.241	-3.482	-3.085	-2.124	-0.876	0.331	1.189	1.725
1561	15.60	2.101	2.604	3.440	4.594	5.792	6.597	6.592	5.565	3.595	1.019
1571	15.70	-1.714	-4.206	-6.230	-7.727	-8.727	-9.231	-9.153	-8.343	-6.706	-4.320
1581	15.80	-1.503	1.240	3.373	4.517	4.590	3.818	2.617	1.406	0.431	-0.305
1591	15.90	-0.987	-1.841	-2.971	-4.265	-5.423	-6.083	-5.982	-5.072	-3.547	-1.747
1601	16.00	-0.020	1.411	2.504	3.364	4.142	4.922	5.661	6.207	6.375	6.047
1611	16.10	5.241	4.112	2.886	1.770	0.676	0.194	-0.365	-0.897	-1.434	-1.910
1621	16.20	-2.196	-2.170	-1.788	-1.127	-0.359	0.325	0.803	1.092	1.333	1.726
1631	16.30	2.416	3.392	4.456	5.281	5.529	4.998	3.720	1.968	0.168	-1.251
1641	16.40	-2.000	-2.021	-1.469	-0.624	0.234	0.933	1.440	1.826	2.189	2.574
1651	16.50	2.941	3.194	3.235	3.028	2.619	2.113	1.612	1.160	0.722	0.216
1661	16.60	-0.425	-1.188	-1.958	-2.540	-2.742	-2.455	-1.717	-0.709	0.293	1.009
1671	16.70	1.241	0.926	0.411	-0.932	-2.066	-3.051	-3.737	-4.026	-3.938	-3.526
1681	16.80	-2.886	-2.120	-1.316	-0.530	0.211	0.891	1.481	1.919	2.115	1.980
1691	16.90	1.472	0.634	-0.399	-1.435	-2.287	-2.853	-3.147	-3.294	-3.462	-3.778
1701	17.00	-4.260	-4.807	-5.246	-5.408	-5.206	-4.663	-3.886	-3.009	-2.131	-1.305
1711	17.10	-0.564	0.028	0.341	0.214	-0.470	-1.672	-3.143	-4.451	-5.119	-4.816
1721	17.20	-3.513	-1.537	0.546	2.138	2.881	2.790	2.252	1.849	2.078	3.116
1731	17.30	4.722	6.326	7.279	7.126	5.812	3.699	1.419	0.380	-1.279	-1.214
1741	17.40	-0.449	0.581	1.476	2.018	2.238	2.329	2.527	2.981	3.683	4.484
1751	17.50	5.169	5.547	5.523	5.110	4.403	3.533	2.624	1.773	1.050	0.508
1761	17.60	0.187	0.109	0.266	0.614	1.080	1.581	2.049	2.449	2.785	3.076
1771	17.70	3.341	3.573	3.728	3.737	3.524	3.037	2.275	1.296	0.216	-0.815
1781	17.80	-1.648	-2.175	-2.360	-2.253	-1.975	-1.675	-1.480	-1.443	-1.524	-1.608
1791	17.90	-1.557	-1.272	-0.752	-0.104	0.483	0.806	0.719	0.183	-0.719	-1.818
1801	18.00	-2.921	-3.863	-4.545	-4.942	-5.075	-4.990	-4.728	-4.328	-3.830	-3.281
1811	18.10	-2.733	-2.232	-1.803	-1.444	-1.134	-0.853	-0.603	-0.415	-0.333	-0.388
1821	18.20	-0.571	-0.829	-1.081	-1.259	-1.354	-1.425	-1.589	-1.960	-2.587	-3.413
1831	18.30	-4.269	-4.923	-5.155	-4.836	-3.970	-2.689	-1.211	0.231	1.454	2.354
1841	18.40	2.905	3.135	3.095	2.830	2.380	1.786	1.096	0.372	-0.320	-0.923
1851	18.50	-1.403	-1.747	-1.956	-2.028	-1.946	-1.675	-1.173	-0.612	0.601	1.807
1861	18.60	3.094	4.305	5.263	5.807	5.825	5.288	4.265	2.914	1.455	0.125
1871	18.70	-0.882	-1.455	-1.581	-1.344	-0.881	-0.345	0.142	0.502	0.707	0.767
1881	18.80	0.715	0.599	0.478	0.418	0.476	0.675	1.081	1.422	1.422	1.242
1891	18.90	0.646	-0.340	-1.552	-2.726	-3.580	-3.916	-3.689	-3.021	-2.151	-1.341
1901	19.00	-0.775	-0.500	-0.429	-0.399	-0.256	0.074	0.556	1.068	1.464	1.629
1911	19.10	1.522	1.171	0.650	0.038	-0.608	-1.256	-1.889	-2.484	-3.004	-3.397
1921	19.20	-3.612	-3.606	-3.350	-2.832	-2.052	-1.037	0.144	1.364	2.443	3.179
1931	19.30	3.406	3.056	2.195	1.036	-0.138	-1.049	-1.512	-1.487	-1.071	-0.441
1941	19.40	0.218	0.776	1.177	1.424	1.542	1.551	1.465	1.315	1.171	1.143
1951	19.50	1.361	1.815	2.501	3.209	3.679	3.477	3.099	2.027	0.714	-0.519
1961	19.60	-1.399	-1.804	-1.766	-1.511	-1.154	-0.803	-0.422	0.101	0.851	1.794
1971	19.70	2.747	3.431	3.597	3.157	2.246	1.184	0.345	-0.010	0.153	0.625
1981	19.80	1.055	1.111	0.640	-0.272	-1.339	-2.210	-2.622	-2.505	-1.984	-1.304
1991	19.90	-0.704	-0.317	-0.141	-0.083	-0.042	0.019	0.051	-0.041	-0.318	-0.753

Table 7—41—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	-1.218	-1.536	-1.570	-1.289	-0.798	-0.289	0.044	0.096	-0.107	-0.432
2011	20.10	-0.709	-0.819	-0.747	-0.581	-0.454	-0.468	-0.631	-0.851	-0.985	-0.908
2021	20.20	-0.581	-0.078	0.449	0.832	0.961	0.825	0.507	0.143	-0.147	-0.305
2031	20.30	-0.353	-0.368	-0.437	-0.612	-0.879	-1.166	-1.363	-1.385	-1.178	-0.753
2041	20.40	-0.169	0.481	1.100	1.609	1.955	2.120	2.116	1.979	1.766	1.540
2051	20.50	1.358	1.258	1.242	1.273	1.287	1.209	0.989	0.627	0.185	-0.221
2061	20.60	-0.453	-0.399	-0.009	0.673	1.523	2.373	3.059	3.473	3.589	3.456
2071	20.70	3.162	2.795	2.404	1.996	1.569	1.052	0.529	0.047	-0.308	-0.468
2081	20.80	-0.423	-0.227	0.020	0.218	0.310	0.308	0.279	0.303	0.425	0.625
2091	20.90	0.825	0.930	0.878	0.674	0.386	0.105	-0.109	-0.266	-0.440	-0.726
2101	21.00	-1.172	-1.733	-2.269	-2.600	-2.590	-2.215	-1.588	-0.913	-0.396	-0.152
2111	21.10	-0.162	-0.296	-0.392	-0.353	-0.208	-0.102	-0.221	-0.685	-1.474	-2.618
2121	21.20	-3.266	-3.794	-3.902	-3.648	-3.204	-2.762	-2.436	-2.210	-1.975	-1.605
2131	21.30	-1.058	-0.421	0.115	0.342	0.143	-0.444	-1.231	-1.972	-2.476	-2.692
2141	21.40	-2.733	-2.800	-3.077	-3.618	-4.312	-4.925	-5.207	-5.005	-4.340	-3.393
2151	21.50	-2.427	-1.673	-1.243	-1.099	-1.092	-1.045	-0.837	-0.442	0.069	0.580
2161	21.60	0.986	1.224	1.283	1.179	0.928	0.537	0.010	-0.626	-1.297	-1.887
2171	21.70	-2.265	-2.324	-2.024	-1.406	-0.573	0.346	1.240	2.042	2.727	3.292
2181	21.80	3.728	4.000	4.058	3.861	3.405	2.752	2.016	1.337	0.835	0.565
2191	21.90	0.501	0.546	0.573	0.479	0.234	-0.098	-0.375	-0.417	-0.078	0.702
2201	22.00	1.859	3.213	4.515	5.516	6.037	6.021	5.533	4.730	3.806	2.927
2211	22.10	2.200	1.668	1.338	1.205	1.278	1.572	2.078	2.737	3.422	3.969
2221	22.20	4.220	4.091	3.606	2.897	2.154	1.551	1.183	1.031	0.991	0.930
2231	22.30	0.751	0.451	0.084	-0.256	-0.508	-0.688	-0.876	-1.173	-1.646	-2.266
2241	22.40	-2.911	-3.412	-3.627	-3.505	-3.111	-2.597	-2.130	-1.823	-1.682	-1.622
2251	22.50	-1.521	-1.287	-0.914	-0.495	-0.178	-0.107	-0.358	-0.907	-1.649	-2.429
2261	22.60	-3.105	-3.574	-3.790	-3.745	-3.455	-2.944	-2.245	-1.413	-0.530	0.299
2271	22.70	0.962	1.371	1.486	1.324	0.949	0.454	-0.067	-0.532	-0.881	-1.084
2281	22.80	-1.138	-1.076	-0.956	-0.857	-0.842	-0.928	-1.058	-1.106	-0.917	-0.376
2291	22.90	0.517	1.610	2.620	3.216	3.139	2.314	0.901	-0.741	-2.168	-2.998
2301	23.00	-3.062	-2.354	-1.198	0.063	1.095	1.701	1.853	1.661	1.297	0.911
2311	23.10	0.586	0.337	0.141	-0.021	-0.142	-0.192	-0.142	0.006	0.217	0.430
2321	23.20	0.594	0.695	0.758	0.834	0.967	1.164	1.388	1.576	1.675	1.664
2331	23.30	1.570	1.448	1.347	1.281	1.219	1.104	0.886	0.562	0.184	-0.155
2341	23.40	-0.366	-0.401	-0.282	-0.090	0.077	0.145	0.108	0.020	-0.026	0.048
2351	23.50	0.266	0.583	0.900	1.108	1.134	0.967	0.666	0.318	0.027	-0.150
2361	23.60	-0.204	-0.172	-0.121	-0.119	-0.217	-0.433	-0.758	-1.169	-1.547	-1.881
2371	23.70	-2.084	-2.314	-1.964	-1.669	-1.295	-0.918	-0.593	-0.335	-0.114	0.115
2381	23.80	0.388	0.694	0.968	1.108	1.023	0.679	0.127	-0.506	-1.058	-1.396
2391	23.90	-1.467	-1.315	-1.055	-0.818	-0.691	-0.684	-0.732	-0.746	-0.662	-0.486
2401	24.00	-0.293	-0.197	-0.286	-0.584	-1.023	-1.476	-1.801	-1.895	-1.732	-1.355
2411	24.10	-0.869	-0.300	0.230	0.710	1.126	1.456	1.662	1.700	1.545	1.215
2421	24.20	0.779	0.339	-0.011	-0.223	-0.310	-0.342	-0.404	-0.552	-0.782	-1.032
2431	24.30	-1.212	-1.252	-1.131	-0.897	-0.637	-0.438	-0.350	-0.363	-0.425	-0.467
2441	24.40	-0.447	-0.365	-0.264	-0.197	-0.199	-0.264	-0.348	-0.388	-0.336	-0.182
2451	24.50	0.041	0.275	0.469	0.598	0.678	0.754	0.872	1.047	1.255	1.425
2461	24.60	1.470	1.312	0.923	0.335	-0.360	-1.032	-1.549	-1.813	-1.787	-1.504
2471	24.70	-1.056	-0.568	-0.155	0.104	0.192	0.145	0.034	-0.064	-0.100	-0.066
2481	24.80	0.008	0.073	0.086	0.033	-0.065	-0.167	-0.232	-0.237	-0.192	-0.131
2491	24.90	-0.096	-0.114	-0.185	-0.282	-0.360	-0.378	-0.315	-0.177	0.007	0.198

Table 7—41—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	0.357	0.499	0.601	0.693	0.800	0.935	1.094	1.251	1.366	1.395
2511	25.10	1.303	1.077	0.761	0.349	-0.023	-0.294	-0.409	-0.351	-0.149	0.135
2521	25.20	0.426	0.664	0.827	0.927	1.003	1.094	1.219	1.365	1.495	1.570
2531	25.30	1.569	1.496	1.385	1.272	1.176	1.085	0.962	0.764	0.471	0.113
2541	25.40	-0.236	-0.473	-0.513	-0.320	0.067	0.539	0.957	1.196	1.191	0.957
2551	25.50	0.581	0.180	-0.139	-0.326	-0.395	-0.415	-0.466	-0.602	-0.816	-1.042
2561	25.60	-1.180	-1.138	-0.880	-0.440	0.078	0.568	0.861	0.977	0.933	0.823
2571	25.70	0.756	0.799	0.945	1.117	1.201	1.101	0.788	0.320	-0.181	-0.578
2581	25.80	-0.780	-0.775	-0.636	-0.476	-0.398	-0.441	-0.564	-0.674	-0.673	-0.515
2591	25.90	-0.229	0.090	0.332	0.423	0.368	0.248	0.181	0.261	0.511	0.863
2601	26.00	1.185	1.340	1.242	0.895	0.383	-0.165	-0.631	-0.953	-1.138	-1.240
2611	26.10	-1.320	-1.415	-1.516	-1.582	-1.569	-1.464	-1.293	-1.117	-1.001	-0.981
2621	26.20	-1.046	-1.139	-1.178	-1.091	-0.867	-0.469	-0.029	0.369	0.621	0.652
2631	26.30	0.439	0.019	-0.518	-1.048	-1.451	-1.645	-1.617	-1.428	-1.193	-1.030
2641	26.40	-1.012	-1.126	-1.229	-1.292	-1.065	-0.548	0.169	0.888	1.374	1.446
2651	26.50	1.060	0.331	-0.504	-1.186	-1.537	-1.523	-1.233	-0.960	-0.803	-0.878
2661	26.60	-1.136	-1.422	-1.552	-1.403	-0.968	-0.352	0.278	0.774	1.042	1.167
2671	26.70	1.181	1.212	1.326	1.525	1.752	1.925	1.977	1.876	1.629	1.266
2681	26.80	0.829	0.364	-0.077	-0.428	-0.615	-0.579	-0.299	0.185	0.773	1.332
2691	26.90	1.750	1.969	2.010	1.952	1.888	1.874	1.907	1.926	1.855	1.647
2701	27.00	1.315	0.928	0.571	0.301	0.114	-0.047	-0.254	-0.538	-0.857	-1.099
2711	27.10	-1.128	-0.855	-0.293	0.433	1.120	1.567	1.653	1.376	0.852	0.251
2721	27.20	-0.245	-0.561	-0.692	-0.707	-0.695	-0.720	-0.794	-0.887	-0.952	-0.983
2731	27.30	-0.926	-0.877	-0.857	-0.888	-0.962	-1.047	-1.106	-1.121	-1.098	-1.065
2741	27.40	-1.049	-1.069	-1.117	-1.172	-1.212	-1.227	-1.225	-1.222	-1.237	-1.269
2751	27.50	-1.304	-1.316	-1.282	-1.196	-1.072	-0.936	-0.814	-0.725	-0.668	-0.630
2761	27.60	-0.592	-0.541	-0.474	-0.395	-0.311	-0.229	-0.151	-0.080	-0.018	0.030
2771	27.70	0.058	0.067	0.062	0.057	0.065	0.093	0.138	0.184	0.212	0.206
2781	27.80	0.163	0.089	0.001	-0.085	-0.160	-0.224	-0.282	-0.337	-0.386	-0.422
2791	27.90	-0.436	-0.422	-0.381	-0.319	-0.236	-0.124	0.034	0.253	0.534	0.855
2801	28.00	1.164	1.395	1.490	1.421	1.200	0.884	0.549	0.269	0.088	0.014
2811	28.10	0.024	0.082	0.154	0.225	0.300	0.393	0.522	0.696	0.919	1.188
2821	28.20	1.497	1.829	2.155	2.422	2.565	2.526	2.275	1.842	1.315	0.827
2831	28.30	0.507	0.436	0.609	0.929	1.243	1.600	1.815	0.999	0.564	0.175
2841	28.40	-0.017	0.068	0.408	0.887	1.347	1.642	1.688	1.482	1.084	0.586
2851	28.50	0.073	-0.397	-0.799	-1.121	-1.355	-1.486	-1.503	-1.412	-1.249	-1.076
2861	28.60	-0.965	-0.963	-1.070	-1.232	-1.356	-1.344	-1.169	-0.782	-0.323	0.111
2871	28.70	0.408	0.501	0.393	0.145	-0.149	-0.405	-0.578	-0.659	-0.716	-0.765
2881	28.80	-0.844	-0.947	-1.039	-1.079	-1.057	-0.916	-0.749	-0.583	-0.456	-0.382
2891	28.90	-0.343	-0.301	-0.220	-0.088	0.075	0.222	0.295	0.255	0.096	-0.146
2901	29.00	-0.407	-0.617	-0.726	-0.718	-0.613	-0.457	-0.296	-0.166	-0.076	-0.017
2911	29.10	0.030	0.083	0.149	0.222	0.293	0.353	0.404	0.453	0.513	0.588
2921	29.20	0.676	0.761	0.829	0.865	0.867	0.842	0.806	0.774	0.756	0.752
2931	29.30	0.758	0.765	0.769	0.771	0.773	0.778	0.785	0.788	0.775	0.739
2941	29.40	0.676	0.593	0.503	0.419	0.353	0.306	0.273	0.241	0.201	0.147
2951	29.50	0.081	0.014	-0.046	-0.092	-0.125	-0.153	-0.187	-0.235	-0.297	-0.366
2961	29.60	-0.430	-0.481	-0.517	-0.546	-0.581	-0.634	-0.709	-0.798	-0.886	-0.957
2971	29.70	-1.004	-1.033	-1.059	-1.098	-1.156	-1.223	-1.275	-1.283	-1.228	-1.106
2981	29.80	-0.935	-0.761	-0.544	-0.352	-0.159	0.039	0.238	0.407	0.499	0.466
2991	29.90	0.286	-0.021	-0.393	-0.740	-0.985	-1.084	-1.049	-0.928	-0.783	-0.657

Table 7—41—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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	-0.554	-0.642	-0.280	-0.044	0.258	0.579	0.876	1.116	1.296	1.439
3011	30.10	1.562	1.656	1.672	1.540	1.210	0.690	0.061	-0.553	-0.984	-1.178
3021	30.20	-1.129	-0.922	-0.676	-0.486	-0.371	-0.285	-0.149	0.091	0.418	0.742
3031	30.30	0.945	0.952	0.773	0.508	0.293	0.226	0.298	0.392	0.339	0.015
3041	30.40	-0.574	-1.271	-1.823	-2.005	-1.731	-1.113	-0.423	0.032	0.053	-0.343
3051	30.50	-0.927	-1.357	-1.344	-0.789	0.156	1.151	1.819	1.906	1.396	0.501
3061	30.60	-0.431	-1.078	-1.268	-1.036	-0.577	-0.136	0.104	0.099	-0.066	-0.241
3071	30.70	-0.300	-0.202	0.004	0.216	0.348	0.377	0.368	0.366	0.439	0.644
3081	30.80	0.912	1.156	1.296	1.297	1.183	1.019	0.874	0.792	0.774	0.787
3091	30.90	0.790	0.755	0.685	0.605	0.543	0.517	0.523	0.539	0.561	0.514
3101	31.00	0.464	0.405	0.358	0.334	0.329	0.331	0.323	0.298	0.256	0.208
3111	31.10	0.166	0.137	0.122	0.114	0.103	0.083	0.053	0.015	-0.023	-0.057
3121	31.20	-0.082	-0.099	-0.110	-0.122	-0.139	-0.166	-0.202	-0.244	-0.283	-0.311
3131	31.30	-0.324	-0.326	-0.325	-0.337	-0.373	-0.435	-0.511	-0.582	-0.630	-0.645
3141	31.40	-0.637	-0.629	-0.652	-0.729	-0.865	-1.042	-1.231	-1.401	-1.533	-1.629
3151	31.50	-1.704	-1.780	-1.864	-1.943	-1.989	-1.966	-1.846	-1.627	-1.329	-0.994
3161	31.60	-0.664	-0.374	-0.137	0.047	0.190	0.300	0.376	0.409	0.386	0.302
3171	31.70	0.163	-0.014	-0.206	-0.393	-0.567	-0.731	-0.897	-1.071	-1.243	-1.388
3181	31.80	-1.460	-1.410	-1.202	-0.831	-0.331	0.227	0.752	1.152	1.371	1.394
3191	31.90	1.261	1.046	0.837	0.701	0.669	0.728	0.836	0.941	1.005	1.018
3201	32.00	0.997	0.975	0.979	1.016	1.075	1.130	1.159	1.158	1.140	1.136
3211	32.10	1.174	1.268	1.413	1.581	1.740	1.859	1.923	1.933	1.899	1.837
3221	32.20	1.759	1.676	1.591	1.505	1.413	1.305	1.166	0.982	0.747	0.475
3231	32.30	0.199	-0.035	-0.179	-0.211	-0.140	-0.011	0.115	0.182	0.170	0.093
3241	32.40	-0.002	-0.065	-0.069	-0.022	0.037	0.063	0.029	-0.054	-0.145	-0.197
3251	32.50	-0.181	-0.111	-0.036	-0.010	-0.065	-0.183	-0.307	-0.366	-0.319	-0.186
3261	32.60	-0.043	0.010	-0.096	-0.355	-0.679	-0.932	-0.987	-0.796	-0.412	0.031
3271	32.70	0.370	0.393	0.381	0.111	-0.188	-0.405	-0.501	-0.520	-0.558	-0.699
3281	32.80	-0.961	-1.279	-1.532	-1.609	-1.462	-1.139	-0.762	-0.468	-0.344	-0.387
3291	32.90	-0.516	-0.618	-0.611	-0.487	-0.312	-0.184	-0.179	-0.305	-0.501	-0.669
3301	33.00	-0.732	-0.674	-0.547	-0.437	-0.416	-0.494	-0.611	-0.673	-0.600	-0.373
3311	33.10	-0.052	0.260	0.462	0.515	0.457	0.380	0.382	0.510	0.736	0.969
3321	33.20	1.108	1.092	0.933	0.713	0.537	0.481	0.554	0.697	0.815	0.827
3331	33.30	0.707	0.593	0.263	0.095	0.028	0.047	0.105	0.150	0.164	0.172
3341	33.40	0.225	0.368	0.605	0.884	1.110	1.181	1.032	0.664	0.151	-0.389
3351	33.50	-0.827	-1.074	-1.104	-0.960	-0.730	-0.514	-0.334	-0.360	-0.406	-0.448
3361	33.60	-0.413	-0.263	-0.021	0.237	0.409	0.413	0.229	-0.087	-0.416	-0.637
3371	33.70	-0.673	-0.538	-0.334	-0.199	-0.243	-0.486	-0.841	-1.150	-1.264	-1.124
3381	33.80	-0.794	-0.445	-0.269	-0.379	-0.744	-1.188	-1.469	-1.394	-0.920	-0.192
3391	33.90	0.517	0.920	0.846	0.322	-0.446	-1.162	-1.576	-1.589	-1.287	-0.883
3401	34.00	-0.610	-0.604	-0.850	-1.201	-1.460	-1.478	-1.224	-0.787	-0.324	0.022
3411	34.10	0.185	0.168	0.115	0.046	0.012	-0.016	-0.105	-0.305	-0.616	-0.967
3421	34.20	-1.265	-1.427	-1.425	-1.296	-1.119	-0.969	-0.878	-0.824	-0.750	-0.604
3431	34.30	-0.375	-0.104	0.135	0.275	0.295	0.235	0.175	0.201	0.356	0.620
3441	34.40	0.910	1.123	1.176	1.041	0.761	0.424	0.129	-0.047	-0.076	0.024
3451	34.50	0.203	0.404	0.583	0.716	0.795	0.826	0.817	0.781	0.732	0.686
3461	34.60	0.659	0.657	0.670	0.675	0.639	0.539	0.375	0.175	-0.003	-0.095
3471	34.70	-0.052	0.144	0.467	0.857	1.242	1.560	1.778	1.894	1.931	1.916
3481	34.80	1.869	1.792	1.673	1.502	1.285	1.046	0.826	0.668	0.602	0.627
3491	34.90	0.714	0.817	0.892	0.912	0.877	0.807	0.737	0.690	0.676	0.684

Table 7—41—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1188 605-DA-1-2 HA. (HA.) SUSOBANA DAM MAX. ACC. = -281.639 (GAL) T= 2.79 (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)
3501	35.00	0.690	0.676	0.631	0.567	0.504	0.468	0.475	0.529	0.616	0.713
3511	35.10	0.795	0.841	0.840	0.786	0.686	0.550	0.392	0.235	0.101	0.010
3521	35.20	-0.025	-0.006	0.052	0.123	0.177	0.191	0.157	0.081	-0.020	-0.126
3531	35.30	-0.222	-0.304	-0.376	-0.446	-0.521	-0.597	-0.664	-0.709	-0.721	-0.702
3541	35.40	-0.460	-0.613	-0.580	-0.548	-0.576	-0.591	-0.593	-0.566	-0.506	-0.420
3551	35.50	-0.330	-0.261	-0.240	-0.287	-0.608	-0.600	-0.849	-1.132	-1.420	-1.682
3561	35.60	-1.886	-2.008	-2.030	-1.954	-1.798	-1.592	-1.376	-1.183	-1.035	-0.937
3571	35.70	-0.875	-0.830	-0.782	-0.719	-0.640	-0.553	-0.467	-0.392	-0.328	-0.270
3581	35.80	-0.212	-0.147	-0.072	0.010	0.093	0.173	0.242	0.298	0.341	0.373
3591	35.90	0.403	0.442	0.501	0.587	0.694	0.798	0.866	0.859	0.753	0.546
3601	36.00	0.271	-0.017	-0.253	-0.389	-0.407	-0.325	-0.192	-0.062	0.025	0.059
3611	36.10	0.062	0.074	0.132	0.249	0.412	0.583	0.715	0.776	0.752	0.659
3621	36.20	0.528	0.392	0.275	0.185	0.114	0.067	-0.026	-0.107	-0.188	-0.252
3631	36.30	-0.283	-0.274	-0.228	-0.157	-0.080	-0.014	0.029	0.050	0.058	0.064
3641	36.40	0.081	0.110	0.142	0.164	0.158	0.117	0.044	-0.044	-0.126	-0.184
3651	36.50	-0.211	-0.215	-0.214	-0.229	-0.269	-0.334	-0.407	-0.468	-0.499	-0.494
3661	36.60	-0.459	-0.406	-0.351	-0.301	-0.258	-0.218	-0.179	-0.143	-0.119	-0.120
3671	36.70	-0.161	-0.247	-0.378	-0.539	-0.707	-0.851	-0.933	-0.920	-0.789	-0.540
3681	36.80	-0.198	0.183	0.529	0.771	0.860	0.789	0.591	0.335	0.092	-0.082
3691	36.90	-0.168	-0.184	-0.169	-0.166	-0.197	-0.257	-0.323	-0.363	-0.358	-0.308
3701	37.00	-0.229	-0.135	-0.035	0.082	0.233	0.432	0.669	0.908	1.094	1.169
3711	37.10	1.098	0.880	0.556	0.190	-0.153	-0.421	-0.598	-0.689	-0.719	-0.710
3721	37.20	-0.677	-0.618	-0.526	-0.400	-0.247	-0.086	0.058	0.169	0.243	0.294
3731	37.30	0.341	0.404	0.489	0.588	0.679	0.740	0.759	0.738	0.698	0.665
3741	37.40	0.659	0.688	0.741	0.800	0.843	0.861	0.857	0.847	0.847	0.869
3751	37.50	0.909	0.955	0.990	1.006	1.005	1.001	1.010	1.042	1.088	1.129
3761	37.60	1.138	1.097	1.005	0.879	0.747	0.638	0.565	0.524	0.498	0.460
3771	37.70	0.402	0.323	0.238	0.166	0.119	0.098	0.091	0.078	0.046	-0.010
3781	37.80	-0.081	-0.152	-0.208	-0.244	-0.265	-0.285	-0.317	-0.368	-0.437	-0.509
3791	37.90	-0.570	-0.606	-0.611	-0.591	-0.561	-0.541	-0.546	-0.587	-0.664	-0.769
3801	38.00	-0.888	-1.009	-1.121	-1.220	-1.305	-1.374	-1.425	-1.455	-1.460	-1.441
3811	38.10	-1.406	-1.370	-1.350	-1.359	-1.396	-1.450	-1.500	-1.526	-1.514	-1.464
3821	38.20	-1.388	-1.297	-1.202	-1.103	-0.998	-0.885	-0.774	-0.678	-0.613	-0.586
3831	38.30	-0.583	-0.576	-0.537	-0.455	-0.350	-0.269	-0.272	-0.396	-0.636	-0.936
3841	38.40	-1.206	-1.358	-1.346	-1.183	-0.935	-0.691	-0.522	-0.450	-0.444	-0.440
3851	38.50	-0.380	-0.238	-0.033	0.186	0.370	0.496	0.579	0.659	0.771	0.926
3861	38.60	1.095	1.227	1.275	1.223	1.094	0.945	0.832	0.792	0.820	0.882
3871	38.70	0.931	0.936	0.894	0.827	0.770	0.747	0.759	0.791	0.816	0.817
3881	38.80	0.795	0.762	0.737	0.734	0.750	0.773	0.787	0.785	0.770	0.751
3891	38.90	0.740	0.741	0.748	0.752	0.745	0.724	0.694	0.661	0.631	0.608
3901	39.00	0.589	0.572	0.557	0.545	0.536	0.528	0.517	0.500	0.480	0.465
3911	39.10	0.466	0.484	0.524	0.567	0.593	0.587	0.543	0.473	0.400	0.342
3921	39.20	0.309	0.292	0.271	0.231	0.166	0.088	0.016	-0.029	-0.043	-0.033
3931	39.30	-0.012	0.011	0.040	0.090	0.172	0.287	0.417	0.529	0.598	0.620
3941	39.40	0.613	0.611	0.642	0.706	0.769	0.784	0.715	0.553	0.370	0.205
3951	39.50	0.124	0.143	0.227	0.306	0.308	0.211	0.042	-0.132	-0.238	-0.243
3961	39.60	-0.163	-0.055	0.017	0.025	-0.011	-0.036	0.003	0.124	0.294	0.446
3971	39.70	0.521	0.497	0.407	0.316	0.280	0.312	0.373	0.396	0.331	0.179
3981	39.80	-0.002	-0.129	-0.142	-0.047	0.088	0.168	0.132	0.002	-0.123	-0.107
3991	39.90	0.138	0.590	1.098	1.434	1.385	0.854	-0.085	-1.203	-2.198	-2.807

Table 7—42—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	1.493	1.536	1.761	2.138	2.596	3.006	3.254	3.309	3.242	3.172
11	0.10	3.170	3.180	3.013	2.430	1.290	-0.323	-2.053	-3.365	-3.750	-2.949
21	0.20	-1.096	1.890	5.481	6.812	6.918	3.847	1.999	-0.070	-1.880	-3.179
31	0.30	-3.962	-4.358	-4.483	-4.334	-3.794	-2.749	-1.228	0.521	2.074	2.992
41	0.40	3.020	2.226	0.992	-0.135	-0.670	-0.390	0.594	1.908	3.097	3.810
51	0.50	3.918	3.500	2.758	1.890	1.030	0.250	-0.385	-0.766	-0.757	-0.270
61	0.60	0.637	1.720	2.602	2.929	2.563	1.590	0.482	-0.276	-0.320	0.390
71	0.70	1.544	2.628	3.167	2.948	2.112	1.059	0.235	-0.099	0.030	0.366
81	0.80	0.515	0.342	-0.126	-0.646	-0.961	-0.890	-0.604	-0.365	-0.442	-0.906
91	0.90	-1.553	-1.987	-1.836	-0.959	0.458	1.989	3.190	3.820	3.942	3.826
101	1.00	3.713	3.590	3.126	1.836	-0.591	-3.973	-7.527	-10.083	-10.547	-8.415
111	1.10	-4.087	1.209	5.860	8.500	8.538	6.335	2.970	-0.289	-2.544	-3.574
121	1.20	-3.791	-3.882	-4.380	-5.372	-6.518	-7.308	-7.399	-6.816	-5.896	-5.026
131	1.30	-4.348	-3.639	-2.465	-0.534	1.963	4.251	5.227	3.982	0.340	-4.892
141	1.40	-10.132	-13.632	-14.224	-11.827	-7.477	-2.833	0.595	2.117	2.107	1.693
151	1.50	2.077	3.809	5.427	8.623	8.877	6.238	0.860	-5.959	-12.268	-16.236
161	1.60	-16.863	-14.307	-9.324	-4.736	-0.794	1.278	1.408	0.099	-1.909	-3.923
171	1.70	-5.444	-6.165	-5.914	-4.652	-2.530	0.033	2.364	3.706	3.516	1.743
181	1.80	-1.053	-3.860	-5.602	-5.597	-3.868	-1.030	1.845	3.925	4.918	5.203
191	1.90	5.585	6.824	9.182	12.225	14.984	16.398	15.811	13.291	9.600	5.879
201	2.00	3.187	2.146	2.836	4.929	7.961	11.530	15.319	18.961	21.869	23.221
211	2.10	22.174	18.263	11.778	3.890	-3.599	-8.853	-10.694	-9.081	-5.143	-0.715
221	2.20	2.417	3.210	1.822	-0.751	-3.050	-3.952	-3.133	-1.128	1.051	2.481
231	2.30	2.796	2.294	1.660	1.473	1.808	2.168	1.815	0.325	-1.957	-3.863
241	2.40	-3.844	-0.773	5.287	12.745	18.629	20.545	15.903	4.886	-10.274	-25.695
251	2.50	-37.104	-41.299	-37.243	-26.378	-12.063	1.614	11.184	14.793	12.550	6.172
261	2.60	-1.827	-9.047	-13.866	-15.686	-14.778	-11.902	-7.924	-3.573	0.606	4.187
271	2.70	6.786	8.062	7.810	6.077	3.233	-0.080	-3.104	-5.187	-5.963	-5.434
281	2.80	-3.918	-1.907	0.112	1.795	2.995	3.739	4.150	4.355	4.430	4.377
291	2.90	4.152	3.703	3.021	2.162	1.242	0.413	-0.192	-0.501	-0.536	-0.394
301	3.00	-0.206	-0.061	0.051	0.251	0.718	1.586	2.833	4.215	5.307	5.631
311	3.10	4.852	2.951	0.292	-2.460	-4.554	-5.424	-4.912	-3.335	-1.382	0.139
321	3.20	0.595	-0.251	-2.171	-4.582	-6.775	-8.174	-8.513	-7.892	-6.688	-5.387
331	3.30	-4.400	-3.966	-4.016	-4.427	-4.918	-5.250	-5.277	-4.961	-4.363	-3.599
341	3.40	-2.800	-2.077	-1.501	-1.099	-0.861	-0.750	-0.728	-0.768	-0.867	-1.035
351	3.50	-1.279	-1.574	-1.865	-1.963	-1.776	-1.153	-0.044	1.482	3.225	4.884
361	3.60	6.527	6.675	6.590	5.322	3.715	1.956	0.482	-0.331	-0.272	0.647
371	3.70	2.190	3.957	5.497	6.435	6.573	5.942	4.784	3.464	2.356	1.721
381	3.80	1.639	1.993	2.535	2.978	3.106	2.848	2.299	1.673	1.225	1.148
391	3.90	1.510	2.220	3.066	3.784	4.137	3.996	3.363	2.372	1.236	0.186
401	4.00	-0.594	-1.013	-1.094	-0.960	-0.801	-0.815	-1.153	-1.860	-2.850	-3.917
411	4.10	-4.789	-5.217	-5.069	-4.390	-3.407	-2.455	-1.850	-1.761	-2.131	-2.694
421	4.20	-3.078	-2.923	-2.274	-1.132	0.103	1.060	1.426	1.264	0.603	0.411
431	4.30	0.378	0.958	1.331	1.704	1.520	0.652	-0.694	-2.047	-2.870	-2.806
441	4.40	-1.867	-0.344	1.169	2.125	2.335	1.883	1.135	0.518	0.304	0.486
451	4.50	0.820	0.984	0.776	0.241	-0.366	-0.634	-0.396	0.326	1.216	1.827
461	4.60	1.794	1.021	-0.259	-1.587	-2.479	-2.663	-2.095	-1.136	-0.199	0.352
471	4.70	0.364	-0.066	-0.675	-1.179	-1.404	-1.338	-1.095	-0.828	-0.633	-0.514
481	4.80	-0.413	-0.270	-0.086	0.068	0.094	-0.063	-0.359	-0.665	-0.732	-0.473
491	4.90	0.157	1.039	1.964	2.716	3.169	3.336	3.348	3.387	3.597	4.019

Table 7—42—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	4.577	5.128	5.525	5.679	5.593	5.338	5.018	4.721	4.492	4.335
511	5.10	4.237	4.188	4.191	4.254	4.367	4.484	4.523	4.388	4.002	3.348
521	5.20	2.483	1.527	0.637	-0.050	-0.448	-0.548	-0.420	-0.187	0.010	0.047
531	5.30	-0.154	-0.609	-1.270	-2.039	-2.791	-3.408	-3.803	-3.951	-3.890	-3.712
541	5.40	-3.531	-3.451	-3.534	-3.785	-4.159	-4.591	-5.020	-5.407	-5.738	-6.001
551	5.50	-6.162	-6.158	-5.907	-5.348	-4.693	-3.450	-2.423	-1.631	-1.330	-1.526
561	5.60	-2.140	-2.924	-3.523	-3.823	-3.568	-2.884	-1.797	-1.185	-0.664	-0.500
571	5.70	-0.590	-0.714	-0.639	-0.219	0.543	1.494	2.329	3.026	3.232	3.005
581	5.80	2.459	1.784	1.182	0.804	0.712	0.871	1.165	1.434	1.526	1.349
591	5.90	0.902	0.294	-0.291	-0.648	-0.631	-0.216	0.477	1.223	1.774	1.959
601	6.00	1.754	1.282	0.750	0.343	0.131	0.037	-0.115	-0.488	-1.129	-1.910
611	6.10	-2.567	-2.824	-2.529	-1.756	-0.792	-0.028	0.217	-0.158	-0.978	-1.862
621	6.20	-2.388	-2.278	-1.512	-0.335	0.862	1.713	2.023	1.830	1.353	0.877
631	6.30	0.611	0.616	0.810	1.037	1.166	1.156	1.054	0.948	0.896	0.884
641	6.40	0.832	0.650	0.301	-0.154	-0.576	-0.797	-0.702	-0.282	0.356	1.031
651	6.50	1.557	1.810	1.753	1.430	0.931	0.350	-0.237	-0.774	-1.205	-1.477
661	6.60	-1.540	-1.381	-1.043	-0.642	-0.383	-0.305	-0.627	-1.296	-2.185	-3.083
671	6.70	-3.760	-4.043	-3.866	-3.283	-2.452	-1.582	-0.874	-0.476	-0.452	-0.774
681	6.80	-1.344	-2.017	-2.636	-3.071	-3.243	-3.139	-2.812	-2.356	-1.879	-1.462
691	6.90	-1.141	-0.896	-0.665	-0.382	-0.006	0.448	0.908	1.261	1.396	1.246
701	7.00	0.826	0.243	-0.323	-0.669	-0.633	-0.151	0.711	1.764	2.754	3.438
711	7.10	3.668	3.435	2.877	2.219	1.689	1.432	1.458	1.650	1.823	1.812
721	7.20	1.554	1.112	0.654	0.376	0.415	0.789	1.394	2.048	2.573	2.866
731	7.30	2.931	2.865	2.792	2.801	2.899	3.014	3.039	2.890	2.555	2.105
741	7.40	1.666	1.359	1.249	1.319	1.481	1.619	1.643	1.529	1.317	1.091
751	7.50	0.936	0.898	0.969	1.100	1.226	1.305	1.327	1.320	1.324	1.370
761	7.60	1.460	1.589	1.589	1.702	1.779	1.679	1.623	1.785	1.973	2.236
771	7.70	2.517	2.744	2.852	2.807	2.613	2.310	1.951	1.589	1.254	0.947
781	7.80	0.647	0.321	-0.058	-0.496	-0.971	-1.446	-1.887	-2.190	-2.389	-2.468
791	7.90	-2.466	-2.443	-2.465	-2.581	-2.808	-3.120	-3.454	-3.725	-3.858	-3.811
801	8.00	-3.593	-3.261	-2.905	-2.613	-2.445	-2.414	-2.486	-2.599	-2.694	-2.739
811	8.10	-2.740	-2.730	-2.753	-2.831	-2.953	-3.071	-3.125	-3.068	-2.886	-2.610
821	8.20	-2.302	-2.026	-1.825	-1.703	-1.632	-1.564	-1.462	-1.322	-1.157	-1.004
831	8.30	-0.859	-0.814	-0.747	-0.637	-0.537	-0.425	-0.280	-0.226	-0.145	-0.481
841	8.40	1.706	1.831	1.891	1.932	1.983	2.054	2.128	2.180	2.188	2.146
851	8.50	2.070	1.987	1.931	1.923	1.971	2.062	2.166	2.250	2.280	2.235
861	8.60	2.110	1.923	1.705	1.493	1.321	1.205	1.139	1.098	1.050	0.968
871	8.70	0.865	0.697	0.552	0.441	0.375	0.341	0.309	0.244	0.127	-0.031
881	8.80	-0.197	-0.329	-0.400	-0.412	-0.399	-0.410	-0.479	-0.605	-0.769	-0.847
891	8.90	-0.846	-0.731	-0.561	-0.360	-0.279	-0.356	-0.594	-0.935	-1.290	-1.579
901	9.00	-1.767	-1.875	-1.964	-2.097	-2.303	-2.561	-2.806	-2.963	-2.989	-2.886
911	9.10	-2.704	-2.506	-2.334	-2.181	-2.002	-1.738	-1.365	-0.924	-0.521	-0.293
921	9.20	-0.367	-0.710	-1.305	-1.970	-2.516	-2.796	-2.762	-2.472	-2.063	-1.685
931	9.30	-1.440	-1.341	-1.321	-1.270	-1.100	-0.785	-0.378	0.018	0.300	0.418
941	9.40	0.401	0.367	0.374	0.567	0.930	1.380	1.774	1.973	1.899	1.572
951	9.50	1.102	0.651	0.365	0.325	0.522	0.869	1.248	1.561	1.765	1.876
961	9.60	1.948	2.030	2.136	2.237	2.281	2.228	2.069	1.856	1.667	1.571
971	9.70	1.597	1.715	1.849	1.914	1.857	1.685	1.461	1.275	1.201	1.263
981	9.80	1.427	1.625	1.791	1.895	1.956	2.028	2.164	2.329	2.634	2.845
991	9.90	2.920	2.798	2.480	2.029	1.545	1.124	0.824	0.645	0.547	0.470

Table 7—42—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	0.369	0.230	0.069	-0.082	-0.203	-0.297	-0.391	-0.526	-0.731	-1.012
1011	10.10	-1.314	-1.479	-1.962	-2.154	-2.237	-2.225	-2.149	-2.052	-1.971	-1.930
1021	10.20	-1.932	-1.961	-1.988	-1.982	-1.919	-1.793	-1.618	-1.422	-1.239	-1.095
1031	10.30	-0.997	-0.932	-0.873	-0.794	-0.682	-0.543	-0.402	-0.288	-0.221	-0.201
1041	10.40	-0.206	-0.203	-0.160	-0.059	0.099	0.301	0.527	0.764	1.005	1.248
1051	10.50	1.489	1.711	1.887	1.989	1.996	1.909	1.751	1.569	1.378	1.226
1061	10.60	1.118	1.061	0.977	0.910	0.833	0.748	0.664	0.581	0.492	0.384
1071	10.70	0.245	0.072	-0.123	-0.322	-0.502	-0.651	-0.767	-0.857	-0.927	-0.971
1081	10.80	-0.973	-0.914	-0.784	-0.598	-0.401	-0.258	-0.230	-0.348	-0.599	-0.924
1091	10.90	-1.241	-1.474	-1.581	-1.574	-1.503	-1.440	-1.437	-1.509	-1.627	-1.736
1101	11.00	-1.780	-1.735	-1.614	-1.464	-1.338	-1.270	-1.257	-1.267	-1.254	-1.193
1111	11.10	-1.094	-1.003	-0.980	-1.069	-1.265	-1.509	-1.705	-1.753	-1.591	-1.224
1121	11.20	-0.723	-0.202	0.221	0.467	0.516	0.408	0.219	0.030	-0.099	-0.145
1131	11.30	-0.116	-0.036	0.069	0.182	0.301	0.424	0.550	0.676	0.792	0.895
1141	11.40	0.990	1.084	1.187	1.300	1.412	1.504	1.556	1.558	1.519	1.463
1151	11.50	1.419	1.410	1.440	1.498	1.557	1.595	1.602	1.587	1.570	1.570
1161	11.60	1.597	1.663	1.689	1.714	1.710	1.684	1.658	1.657	1.693	1.757
1171	11.70	1.821	1.867	1.809	1.699	1.533	1.343	1.163	1.011	0.883	0.759
1181	11.80	0.615	0.436	0.227	0.008	-0.192	-0.355	-0.482	-0.593	-0.720	-0.888
1191	11.90	-1.100	-1.335	-1.553	-1.710	-1.772	-1.735	-1.619	-1.460	-1.297	-1.156
1201	12.00	-1.043	-0.950	-0.861	-0.763	-0.669	-0.525	-0.400	-0.279	-0.163	-0.048
1211	12.10	0.069	0.184	0.283	0.368	0.362	0.319	0.229	0.117	0.012	-0.061
1221	12.20	-0.091	-0.087	-0.068	-0.057	-0.071	-0.111	-0.165	-0.214	-0.239	-0.234
1231	12.30	-0.202	-0.162	-0.130	-0.123	-0.147	-0.199	-0.276	-0.373	-0.493	-0.641
1241	12.40	-0.820	-1.026	-1.242	-1.442	-1.595	-1.682	-1.696	-1.650	-1.567	-1.473
1251	12.50	-1.381	-1.289	-1.182	-1.045	-0.881	-0.710	-0.578	-0.536	-0.614	-0.817
1261	12.60	-1.101	-1.392	-1.604	-1.672	-1.574	-1.335	-1.020	-0.704	-0.448	-0.277
1271	12.70	-0.183	-0.132	-0.090	-0.036	0.029	0.091	0.132	0.148	0.151	0.163
1281	12.80	0.205	0.280	0.376	0.467	0.531	0.558	0.562	0.571	0.611	0.694
1291	12.90	0.807	0.915	0.977	0.966	0.877	0.732	0.569	0.424	0.314	0.236
1301	13.00	0.171	0.097	0.002	-0.102	-0.193	-0.241	-0.228	-0.156	-0.046	0.072
1311	13.10	0.169	0.229	0.256	0.264	0.273	0.296	0.338	0.393	0.449	0.497
1321	13.20	0.533	0.561	0.587	0.617	0.655	0.700	0.767	0.792	0.831	0.864
1331	13.30	0.894	0.924	0.960	1.004	1.056	1.108	1.151	1.172	1.161	1.115
1341	13.40	1.042	0.957	0.879	0.827	0.807	0.812	0.824	0.820	0.783	0.706
1351	13.50	0.596	0.468	0.340	0.224	0.120	0.021	-0.080	-0.186	-0.292	-0.384
1361	13.60	-0.446	-0.467	-0.445	-0.388	-0.307	-0.213	-0.113	-0.009	0.095	0.188
1371	13.70	0.252	0.263	0.204	0.069	-0.126	-0.346	-0.547	-0.688	-0.746	-0.724
1381	13.80	-0.646	-0.549	-0.469	-0.424	-0.418	-0.437	-0.459	-0.469	-0.459	-0.435
1391	13.90	-0.407	-0.386	-0.376	-0.375	-0.375	-0.366	-0.347	-0.318	-0.286	-0.260
1401	14.00	-0.243	-0.237	-0.236	-0.233	-0.225	-0.207	-0.178	-0.140	-0.092	-0.033
1411	14.10	0.036	0.113	0.193	0.269	0.337	0.393	0.440	0.485	0.534	0.589
1421	14.20	0.648	0.700	0.736	0.748	0.741	0.726	0.721	0.740	0.785	0.847
1431	14.30	0.905	0.942	0.945	0.921	0.891	0.889	0.906	0.970	1.052	1.115
1441	14.40	1.123	1.048	0.888	0.659	0.393	0.122	-0.128	-0.345	-0.530	-0.688
1451	14.50	-0.826	-0.949	-1.066	-1.187	-1.325	-1.490	-1.679	-1.871	-2.030	-2.115
1461	14.60	-2.093	-1.966	-1.757	-1.527	-1.335	-1.220	-1.186	-1.202	-1.217	-1.192
1471	14.70	-1.111	-0.995	-0.886	-0.821	-0.812	-0.833	-0.838	-0.781	-0.653	-0.486
1481	14.80	-0.352	-0.324	-0.437	-0.663	-0.913	-1.060	-0.995	-0.672	-0.129	0.520
1491	14.90	1.127	1.564	1.763	1.737	1.561	1.337	1.153	1.051	1.024	1.026

Table 7—42—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	1.007	0.927	0.774	0.561	0.317	0.070	-0.156	-0.346	-0.489	-0.576
1511	15.10	-0.604	-0.576	-0.508	-0.423	-0.350	-0.313	-0.318	-0.357	-0.409	-0.450
1521	15.20	-0.463	-0.448	-0.416	-0.381	-0.357	-0.347	-0.345	-0.339	-0.322	-0.295
1531	15.30	-0.263	-0.237	-0.224	-0.222	-0.225	-0.221	-0.203	-0.172	-0.134	-0.103
1541	15.40	-0.091	-0.103	-0.139	-0.191	-0.249	-0.306	-0.357	-0.402	-0.442	-0.480
1551	15.50	-0.516	-0.548	-0.572	-0.582	-0.574	-0.542	-0.487	-0.410	-0.318	-0.218
1561	15.60	-0.116	-0.014	0.090	0.205	0.335	0.484	0.642	0.795	0.920	0.997
1571	15.70	1.015	0.973	0.881	0.756	0.616	0.475	0.347	0.239	0.162	0.128
1581	15.80	0.144	0.213	0.326	0.464	0.603	0.721	0.809	0.874	0.933	1.003
1591	15.90	1.093	1.192	1.274	1.305	1.258	1.128	0.934	0.715	0.515	0.367
1601	16.00	0.283	0.245	0.220	0.170	0.071	-0.075	-0.247	-0.403	-0.503	-0.517
1611	16.10	-0.438	-0.284	-0.087	0.114	0.286	0.410	0.487	0.534	0.577	0.638
1621	16.20	0.733	0.860	1.001	1.131	1.223	1.256	1.226	1.146	1.038	0.928
1631	16.30	0.839	0.781	0.751	0.737	0.724	0.701	0.663	0.614	0.562	0.513
1641	16.40	0.473	0.441	0.414	0.387	0.360	0.333	0.308	0.287	0.269	0.253
1651	16.50	0.234	0.211	0.182	0.151	0.121	0.094	0.073	0.054	0.035	0.012
1661	16.60	-0.015	-0.045	-0.076	-0.102	-0.124	-0.142	-0.161	-0.184	-0.212	-0.246
1671	16.70	-0.279	-0.306	-0.323	-0.327	-0.320	-0.309	-0.299	-0.294	-0.298	-0.306
1681	16.80	-0.315	-0.322	-0.323	-0.321	-0.318	-0.320	-0.331	-0.351	-0.380	-0.413
1691	16.90	-0.447	-0.478	-0.504	-0.525	-0.544	-0.562	-0.582	-0.604	-0.628	-0.654
1701	17.00	-0.682	-0.711	-0.740	-0.769	-0.799	-0.827	-0.855	-0.881	-0.906	-0.933
1711	17.10	-0.960	-0.990	-1.022	-1.053	-1.080	-1.101	-1.113	-1.111	-1.102	-1.090
1721	17.20	-1.079	-1.075	-1.079	-1.091	-1.105	-1.117	-1.122	-1.121	-1.115	-1.111
1731	17.30	-1.113	-1.123	-1.138	-1.152	-1.159	-1.156	-1.145	-1.135	-1.136	-1.152
1741	17.40	-1.182	-1.211	-1.220	-1.193	-1.117	-0.996	-0.846	-0.691	-0.552	-0.444
1751	17.50	-0.365	-0.302	-0.240	-0.163	-0.066	0.047	0.170	0.293	0.418	0.551
1761	17.60	0.700	0.870	1.052	1.228	1.363	1.437	1.435	1.364	1.250	1.130
1771	17.70	1.036	0.986	0.980	0.988	1.016	1.011	0.978	0.925	0.874	0.865
1781	17.80	0.851	0.891	0.948	1.001	1.033	1.037	1.021	1.001	0.996	1.017
1791	17.90	1.064	1.121	1.163	1.166	1.112	0.994	0.820	0.606	0.374	0.149
1801	18.00	-0.051	-0.212	-0.327	-0.397	-0.428	-0.431	-0.421	-0.413	-0.417	-0.437
1811	18.10	-0.471	-0.508	-0.538	-0.550	-0.543	-0.522	-0.498	-0.482	-0.483	-0.499
1821	18.20	-0.524	-0.546	-0.557	-0.553	-0.538	-0.524	-0.519	-0.531	-0.557	-0.587
1831	18.30	-0.607	-0.605	-0.574	-0.514	-0.433	-0.340	-0.248	-0.163	-0.087	-0.021
1841	18.40	0.038	0.093	0.146	0.200	0.258	0.320	0.386	0.457	0.529	0.604
1851	18.50	0.685	0.778	0.891	1.027	1.183	1.345	1.489	1.587	1.618	1.574
1861	18.60	1.466	1.320	1.167	1.036	0.944	0.891	0.861	0.835	0.798	0.740
1871	18.70	0.666	0.585	0.508	0.441	0.386	0.350	0.300	0.267	0.242	0.225
1881	18.80	0.218	0.213	0.205	0.186	0.155	0.116	0.077	0.045	0.025	0.013
1891	18.90	0.001	-0.019	-0.050	-0.089	-0.128	-0.158	-0.175	-0.184	-0.193	-0.215
1901	19.00	-0.253	-0.305	-0.360	-0.406	-0.436	-0.455	-0.474	-0.507	-0.561	-0.632
1911	19.10	-0.699	-0.740	-0.734	-0.673	-0.568	-0.440	-0.315	-0.211	-0.134	-0.076
1921	19.20	-0.020	0.043	0.115	0.186	0.238	0.258	0.260	0.192	0.136	0.085
1931	19.30	0.059	0.057	0.072	0.091	0.100	0.095	0.078	0.057	0.039	0.026
1941	19.40	0.016	0.001	-0.023	-0.058	-0.101	-0.143	-0.178	-0.200	-0.213	-0.222
1951	19.50	-0.236	-0.260	-0.295	-0.339	-0.386	-0.432	-0.474	-0.514	-0.556	-0.603
1961	19.60	-0.655	-0.711	-0.762	-0.802	-0.826	-0.831	-0.819	-0.796	-0.770	-0.746
1971	19.70	-0.732	-0.729	-0.737	-0.754	-0.772	-0.785	-0.780	-0.747	-0.676	-0.564
1981	19.80	-0.415	-0.243	-0.071	0.077	0.178	0.220	0.202	0.140	0.059	-0.016
1991	19.90	-0.062	-0.088	-0.036	0.021	0.088	0.149	0.195	0.225	0.245	0.262

Table 7—42—5

TABLE OF CORRECTED ACCELERATION RECORD NO. 5

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	0.283	0.310	0.342	0.378	0.413	0.444	0.472	0.497	0.520	0.544
2011	20.10	0.570	0.591	0.615	0.642	0.672	0.704	0.734	0.748	0.731	0.703
2021	20.20	0.673	0.668	0.633	0.629	0.631	0.633	0.629	0.618	0.602	0.587
2031	20.30	0.576	0.572	0.571	0.568	0.560	0.545	0.527	0.512	0.506	0.508
2041	20.40	0.514	0.512	0.490	0.442	0.371	0.284	0.198	0.123	0.066	0.024
2051	20.50	-0.014	-0.058	-0.115	-0.184	-0.256	-0.318	-0.358	-0.373	-0.366	-0.347
2061	20.60	-0.328	-0.319	-0.324	-0.340	-0.362	-0.382	-0.397	-0.405	-0.408	-0.413
2071	20.70	-0.420	-0.432	-0.448	-0.464	-0.477	-0.487	-0.496	-0.501	-0.509	-0.520
2081	20.80	-0.533	-0.548	-0.562	-0.574	-0.582	-0.589	-0.597	-0.606	-0.619	-0.634
2091	20.90	-0.649	-0.662	-0.672	-0.678	-0.684	-0.691	-0.703	-0.720	-0.738	-0.753
2101	21.00	-0.764	-0.768	-0.768	-0.772	-0.783	-0.804	-0.831	-0.856	-0.858	-0.856
2111	21.10	-0.817	-0.754	-0.677	-0.599	-0.530	-0.476	-0.434	-0.400	-0.365	-0.325
2121	21.20	-0.278	-0.226	-0.175	-0.126	-0.082	-0.039	0.003	0.048	0.096	0.144
2131	21.30	0.192	0.238	0.283	0.327	0.373	0.421	0.470	0.519	0.565	0.608
2141	21.40	0.651	0.696	0.745	0.798	0.852	0.904	0.948	0.983	1.007	1.023
2151	21.50	1.032	1.039	1.047	1.057	1.073	1.094	1.121	1.153	1.185	1.211
2161	21.60	1.228	1.235	1.238	1.246	1.270	1.315	1.374	1.429	1.451	1.413
2171	21.70	1.296	1.101	0.849	0.577	0.325	0.122	-0.022	-0.122	-0.210	-0.319
2181	21.80	-0.473	-0.673	-0.897	-1.107	-1.264	-1.343	-1.340	-1.274	-1.177	-1.085
2191	21.90	-1.024	-1.001	-1.009	-1.030	-1.047	-1.050	-1.038	-1.018	-1.000	-0.990
2201	22.00	-0.989	-0.991	-0.989	-0.981	-0.968	-0.956	-0.945	-0.944	-0.947	-0.946
2211	22.10	-0.930	-0.893	-0.837	-0.767	-0.696	-0.633	-0.584	-0.546	-0.514	-0.479
2221	22.20	-0.437	-0.386	-0.333	-0.281	-0.234	-0.194	-0.156	-0.115	-0.069	-0.019
2231	22.30	0.034	0.084	0.129	0.169	0.209	0.252	0.300	0.353	0.406	0.456
2241	22.40	0.499	0.538	0.577	0.622	0.673	0.730	0.786	0.836	0.875	0.908
2251	22.50	0.943	0.988	1.049	1.121	1.191	1.242	1.257	1.225	1.152	1.053
2261	22.60	0.949	0.860	0.797	0.760	0.738	0.716	0.684	0.637	0.577	0.515
2271	22.70	0.460	0.417	0.386	0.353	0.317	0.271	0.216	0.158	0.104	0.060
2281	22.80	0.026	-0.004	-0.037	-0.082	-0.140	-0.206	-0.269	-0.314	-0.333	-0.323
2291	22.90	-0.289	-0.242	-0.195	-0.158	-0.136	-0.126	-0.123	-0.119	-0.110	-0.095
2301	23.00	-0.076	-0.057	-0.040	-0.027	-0.017	-0.006	0.006	0.020	0.036	0.052
2311	23.10	0.066	0.079	0.091	0.103	0.116	0.130	0.145	0.159	0.172	0.184
2321	23.20	0.196	0.209	0.223	0.237	0.251	0.264	0.275	0.286	0.298	0.311
2331	23.30	0.326	0.341	0.354	0.365	0.374	0.383	0.395	0.410	0.428	0.446
2341	23.40	0.459	0.468	0.455	0.430	0.410	0.383	0.360	0.343	0.334	0.327
2351	23.50	0.320	0.311	0.297	0.281	0.265	0.250	0.238	0.228	0.217	0.206
2361	23.60	0.192	0.177	0.162	0.147	0.134	0.122	0.110	0.097	0.083	0.068
2371	23.70	0.053	0.038	0.025	0.011	-0.002	-0.016	-0.031	-0.046	-0.061	-0.076
2381	23.80	-0.090	-0.105	-0.119	-0.134	-0.149	-0.165	-0.180	-0.195	-0.210	-0.225
2391	23.90	-0.241	-0.257	-0.274	-0.289	-0.304	-0.316	-0.326	-0.334	-0.343	-0.351
2401	24.00	-0.361	-0.372	-0.385	-0.398	-0.411	-0.423	-0.434	-0.445	-0.455	-0.466
2411	24.10	-0.478	-0.491	-0.504	-0.517	-0.530	-0.541	-0.552	-0.563	-0.574	-0.587
2421	24.20	-0.601	-0.615	-0.629	-0.641	-0.651	-0.662	-0.673	-0.686	-0.700	-0.716
2431	24.30	-0.730	-0.743	-0.753	-0.762	-0.773	-0.785	-0.801	-0.818	-0.835	-0.848
2441	24.40	-0.857	-0.863	-0.870	-0.883	-0.902	-0.926	-0.949	-0.964	-0.961	-0.937
2451	24.50	-0.895	-0.862	-0.786	-0.737	-0.700	-0.674	-0.655	-0.636	-0.611	-0.580
2461	24.60	-0.544	-0.508	-0.475	-0.447	-0.422	-0.398	-0.371	-0.339	-0.304	-0.270
2471	24.70	-0.238	-0.211	-0.186	-0.160	-0.131	-0.098	-0.062	-0.027	0.006	0.030
2481	24.80	0.053	0.078	0.108	0.145	0.187	0.228	0.260	0.276	0.273	0.254
2491	24.90	0.226	0.197	0.174	0.161	0.157	0.159	0.160	0.158	0.152	0.142

Table 7—42—6

TABLE OF CORRECTED ACCELERATION RECORD NO. 6

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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	0.131	0.122	0.116	0.113	0.111	0.107	0.102	0.095	0.087	0.080
2511	25.10	0.074	0.071	0.068	0.065	0.061	0.055	0.049	0.043	0.037	0.034
2521	25.20	0.031	0.029	0.026	0.022	0.017	0.011	0.006	0.002	0.001	-0.000
2531	25.30	-0.001	-0.004	-0.009	-0.016	-0.023	-0.026	-0.023	-0.013	0.004	0.026
2541	25.40	0.049	0.069	0.084	0.096	0.105	0.115	0.126	0.141	0.157	0.174
2551	25.50	0.189	0.202	0.214	0.225	0.239	0.254	0.271	0.288	0.303	0.317
2561	25.60	0.329	0.341	0.355	0.372	0.390	0.407	0.423	0.437	0.450	0.462
2571	25.70	0.477	0.495	0.514	0.533	0.549	0.563	0.574	0.587	0.603	0.623
2581	25.80	0.646	0.666	0.681	0.690	0.696	0.707	0.732	0.775	0.837	0.911
2591	25.90	0.987	1.053	1.106	1.146	1.181	1.222	1.272	1.332	1.395	1.453
2601	26.00	1.499	1.535	1.569	1.612	1.672	1.747	1.824	1.882	1.902	1.875
2611	26.10	1.802	1.702	1.599	1.515	1.460	1.432	1.417	1.399	1.365	1.314
2621	26.20	1.253	1.196	1.150	1.118	1.094	1.066	1.026	0.972	0.912	0.857
2631	26.30	0.815	0.788	0.770	0.746	0.704	0.634	0.537	0.422	0.301	0.184
2641	26.40	0.076	-0.024	-0.121	-0.216	-0.311	-0.403	-0.491	-0.575	-0.662	-0.759
2651	26.50	-0.869	-0.989	-1.107	-1.203	-1.261	-1.271	-1.235	-1.170	-1.099	-1.043
2661	26.60	-1.015	-1.015	-1.032	-1.051	-1.059	-1.051	-1.031	-1.008	-0.992	-0.986
2671	26.70	-0.990	-0.996	-0.999	-0.993	-0.980	-0.965	-0.953	-0.948	-0.949	-0.952
2681	26.80	-0.953	-0.949	-0.940	-0.929	-0.919	-0.915	-0.915	-0.917	-0.918	-0.916
2691	26.90	-0.909	-0.900	-0.893	-0.889	-0.889	-0.891	-0.894	-0.893	-0.888	-0.881
2701	27.00	-0.874	-0.870	-0.870	-0.874	-0.880	-0.883	-0.880	-0.871	-0.854	-0.832
2711	27.10	-0.808	-0.784	-0.763	-0.744	-0.728	-0.714	-0.700	-0.686	-0.672	-0.656
2721	27.20	-0.640	-0.624	-0.609	-0.594	-0.580	-0.566	-0.553	-0.539	-0.525	-0.510
2731	27.30	-0.496	-0.483	-0.470	-0.457	-0.444	-0.431	-0.418	-0.405	-0.392	-0.380
2741	27.40	-0.368	-0.356	-0.344	-0.332	-0.320	-0.308	-0.297	-0.285	-0.274	-0.263
2751	27.50	-0.252	-0.240	-0.229	-0.219	-0.208	-0.198	-0.188	-0.178	-0.167	-0.156
2761	27.60	-0.146	-0.136	-0.127	-0.118	-0.108	-0.099	-0.089	-0.079	-0.069	-0.060
2771	27.70	-0.051	-0.043	-0.034	-0.025	-0.016	-0.006	0.003	0.012	0.020	0.027
2781	27.80	0.035	0.044	0.053	0.062	0.071	0.079	0.087	0.094	0.102	0.110
2791	27.90	0.118	0.128	0.136	0.145	0.152	0.159	0.166	0.174	0.182	0.191
2801	28.00	0.200	0.209	0.216	0.223	0.230	0.237	0.246	0.255	0.264	0.273
2811	28.10	0.281	0.287	0.294	0.301	0.310	0.319	0.330	0.339	0.348	0.354
2821	28.20	0.359	0.366	0.375	0.386	0.399	0.412	0.421	0.423	0.419	0.408
2831	28.30	0.393	0.378	0.365	0.357	0.352	0.349	0.347	0.342	0.337	0.330
2841	28.40	0.322	0.316	0.311	0.307	0.303	0.299	0.294	0.289	0.283	0.278
2851	28.50	0.274	0.271	0.267	0.263	0.259	0.255	0.251	0.247	0.244	0.241
2861	28.60	0.238	0.235	0.232	0.229	0.226	0.224	0.222	0.220	0.218	0.216
2871	28.70	0.214	0.212	0.210	0.209	0.208	0.207	0.206	0.205	0.204	0.203
2881	28.80	0.203	0.203	0.203	0.204	0.204	0.204	0.204	0.204	0.205	0.206
2891	28.90	0.208	0.210	0.211	0.212	0.213	0.215	0.217	0.219	0.222	0.225
2901	29.00	0.227	0.230	0.232	0.235	0.238	0.242	0.246	0.250	0.253	0.257
2911	29.10	0.260	0.264	0.269	0.274	0.279	0.283	0.288	0.293	0.297	0.302
2921	29.20	0.308	0.314	0.320	0.326	0.331	0.337	0.343	0.349	0.356	0.363
2931	29.30	0.370	0.376	0.382	0.388	0.395	0.403	0.412	0.422	0.430	0.434
2941	29.40	0.434	0.429	0.421	0.413	0.406	0.402	0.401	0.403	0.404	0.405
2951	29.50	0.403	0.399	0.395	0.393	0.392	0.394	0.395	0.395	0.394	0.391
2961	29.60	0.388	0.386	0.386	0.388	0.390	0.390	0.389	0.386	0.383	0.382
2971	29.70	0.382	0.384	0.387	0.388	0.387	0.384	0.380	0.378	0.379	0.383
2981	29.80	0.386	0.388	0.386	0.381	0.376	0.373	0.376	0.381	0.387	0.389
2991	29.90	0.385	0.375	0.366	0.363	0.369	0.384	0.399	0.402	0.382	0.334

Table 7—42—7

TABLE OF CORRECTED ACCELERATION RECORD NO. 7

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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)
3001	30.00	0.260	0.169	0.078	-0.003	-0.067	-0.116	-0.157	-0.200	-0.253	-0.315
3011	30.10	-0.381	-0.466	-0.504	-0.555	-0.604	-0.655	-0.712	-0.776	-0.842	-0.904
3021	30.20	-0.959	-1.008	-1.057	-1.111	-1.174	-1.243	-1.311	-1.373	-1.423	-1.466
3031	30.30	-1.511	-1.566	-1.639	-1.726	-1.811	-1.876	-1.897	-1.871	-1.800	-1.702
3041	30.40	-1.600	-1.515	-1.457	-1.427	-1.411	-1.395	-1.369	-1.327	-1.274	-1.221
3051	30.50	-1.174	-1.137	-1.109	-1.083	-1.051	-1.013	-0.968	-0.921	-0.878	-0.842
3061	30.60	-0.812	-0.783	-0.752	-0.715	-0.673	-0.630	-0.589	-0.556	-0.524	-0.496
3071	30.70	-0.466	-0.431	-0.390	-0.347	-0.306	-0.272	-0.246	-0.230	-0.219	-0.211
3081	30.80	-0.201	-0.188	-0.172	-0.154	-0.135	-0.117	-0.100	-0.085	-0.069	-0.054
3091	30.90	-0.038	-0.022	-0.006	0.009	0.024	0.039	0.053	0.068	0.083	0.097
3101	31.00	0.112	0.126	0.140	0.153	0.167	0.180	0.193	0.207	0.220	0.233
3111	31.10	0.246	0.259	0.271	0.283	0.294	0.307	0.319	0.332	0.344	0.356
3121	31.20	0.367	0.377	0.387	0.398	0.410	0.422	0.435	0.446	0.456	0.465
3131	31.30	0.473	0.482	0.493	0.506	0.519	0.532	0.542	0.546	0.544	0.537
3141	31.40	0.527	0.516	0.507	0.501	0.498	0.496	0.495	0.493	0.489	0.484
3151	31.50	0.479	0.474	0.469	0.465	0.462	0.459	0.455	0.450	0.446	0.441
3161	31.60	0.436	0.431	0.427	0.423	0.419	0.415	0.410	0.406	0.401	0.396
3171	31.70	0.392	0.388	0.383	0.379	0.375	0.371	0.366	0.362	0.357	0.353
3181	31.80	0.349	0.345	0.341	0.337	0.333	0.329	0.324	0.320	0.316	0.313
3191	31.90	0.309	0.306	0.302	0.299	0.295	0.291	0.288	0.284	0.281	0.279
3201	32.00	0.276	0.273	0.270	0.267	0.264	0.261	0.259	0.257	0.255	0.253
3211	32.10	0.251	0.249	0.247	0.245	0.243	0.241	0.241	0.240	0.240	0.239
3221	32.20	0.237	0.236	0.234	0.234	0.234	0.235	0.236	0.236	0.236	0.235
3231	32.30	0.234	0.234	0.235	0.238	0.241	0.243	0.244	0.243	0.242	0.242
3241	32.40	0.245	0.250	0.257	0.264	0.266	0.262	0.251	0.233	0.212	0.190
3251	32.50	0.171	0.156	0.144	0.135	0.127	0.117	0.106	0.093	0.080	0.068
3261	32.60	0.057	0.047	0.038	0.028	0.019	0.008	-0.002	-0.012	-0.021	-0.030
3271	32.70	-0.039	-0.048	-0.056	-0.065	-0.073	-0.082	-0.089	-0.097	-0.105	-0.113
3281	32.80	-0.120	-0.127	-0.134	-0.140	-0.147	-0.153	-0.160	-0.166	-0.173	-0.178
3291	32.90	-0.184	-0.189	-0.194	-0.199	-0.204	-0.209	-0.214	-0.219	-0.223	-0.226
3301	33.00	-0.230	-0.234	-0.238	-0.242	-0.246	-0.249	-0.252	-0.254	-0.257	-0.259
3311	33.10	-0.262	-0.265	-0.268	-0.270	-0.272	-0.273	-0.274	-0.275	-0.277	-0.278
3321	33.20	-0.280	-0.282	-0.282	-0.283	-0.283	-0.283	-0.283	-0.284	-0.284	-0.285
3331	33.30	-0.285	-0.284	-0.283	-0.282	-0.282	-0.281	-0.281	-0.281	-0.280	-0.279
3341	33.40	-0.277	-0.275	-0.274	-0.272	-0.271	-0.271	-0.269	-0.268	-0.265	-0.263
3351	33.50	-0.260	-0.258	-0.255	-0.254	-0.253	-0.251	-0.248	-0.245	-0.241	-0.238
3361	33.60	-0.236	-0.234	-0.232	-0.229	-0.226	-0.222	-0.218	-0.215	-0.212	-0.209
3371	33.70	-0.207	-0.204	-0.201	-0.197	-0.193	-0.189	-0.185	-0.182	-0.180	-0.177
3381	33.80	-0.174	-0.169	-0.165	-0.160	-0.156	-0.153	-0.150	-0.146	-0.144	-0.140
3391	33.90	-0.136	-0.131	-0.127	-0.123	-0.120	-0.118	-0.115	-0.111	-0.106	-0.101
3401	34.00	-0.097	-0.093	-0.090	-0.088	-0.085	-0.081	-0.077	-0.072	-0.068	-0.064
3411	34.10	-0.061	-0.058	-0.056	-0.052	-0.048	-0.044	-0.040	-0.036	-0.033	-0.030
3421	34.20	-0.028	-0.025	-0.022	-0.018	-0.014	-0.010	-0.007	-0.004	-0.002	0.000
3431	34.30	0.003	0.007	0.010	0.014	0.017	0.019	0.021	0.023	0.025	0.028
3441	34.40	0.031	0.035	0.037	0.040	0.041	0.043	0.044	0.047	0.049	0.052
3451	34.50	0.055	0.057	0.058	0.059	0.060	0.062	0.064	0.066	0.069	0.071
3461	34.60	0.072	0.073	0.073	0.074	0.075	0.076	0.078	0.080	0.082	0.083
3471	34.70	0.085	0.088	0.092	0.096	0.100	0.103	0.105	0.106	0.107	0.108
3481	34.80	0.110	0.113	0.116	0.120	0.122	0.123	0.123	0.123	0.125	0.127
3491	34.90	0.130	0.132	0.134	0.135	0.135	0.135	0.135	0.137	0.139	0.141

Table 7—42—8

TABLE OF CORRECTED ACCELERATION RECORD NO. 8

INDEX NO. 1189 605-DA-1-2 U-D (U-D) SUSOBANA DAM MAX. ACC. = -41.299 (GAL) T= 2.52 (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)
3501	35.00	0.143	0.144	0.144	0.143	0.143	0.144	0.145	0.147	0.148	0.149
3511	35.10	0.149	0.148	0.147	0.147	0.148	0.149	0.150	0.150	0.150	0.149
3521	35.20	0.147	0.147	0.147	0.147	0.148	0.148	0.148	0.147	0.145	0.144
3531	35.30	0.143	0.143	0.143	0.143	0.143	0.141	0.139	0.137	0.136	0.135
3541	35.40	0.135	0.135	0.134	0.133	0.131	0.128	0.126	0.125	0.124	0.123
3551	35.50	0.123	0.122	0.119	0.117	0.114	0.111	0.110	0.109	0.109	0.107
3561	35.60	0.105	0.102	0.099	0.096	0.093	0.092	0.092	0.090	0.088	0.085
3571	35.70	0.081	0.077	0.074	0.073	0.072	0.071	0.069	0.065	0.061	0.057
3581	35.80	0.053	0.051	0.050	0.048	0.046	0.043	0.038	0.033	0.029	0.026
3591	35.90	0.024	0.023	0.021	0.018	0.013	0.008	0.003	-0.001	-0.003	-0.005
3601	36.00	-0.007	-0.010	-0.014	-0.019	-0.026	-0.031	-0.035	-0.037	-0.038	-0.036
3611	36.10	-0.034	-0.030	-0.026	-0.022	-0.019	-0.016	-0.014	-0.013	-0.013	-0.013
3621	36.20	-0.012	-0.011	-0.009	-0.006	-0.004	-0.002	-0.001	-0.001	-0.001	-0.001
3631	36.30	0.000	0.002	0.004	0.005	0.007	0.007	0.006	0.006	0.006	0.007
3641	36.40	0.008	0.010	0.011	0.012	0.011	0.010	0.009	0.009	0.009	0.011
3651	36.50	0.012	0.013	0.012	0.011	0.009	0.008	0.008	0.009	0.010	0.011
3661	36.60	0.010	0.008	0.005	0.003	0.002	0.003	0.006	0.005	0.005	0.002
3671	36.70	-0.001	-0.004	-0.006	-0.006	-0.005	-0.004	-0.004	-0.007	-0.011	-0.015
3681	36.80	-0.018	-0.018	-0.017	-0.017	-0.017	-0.020	-0.024	-0.029	-0.032	-0.034
3691	36.90	-0.034	-0.033	-0.034	-0.036	-0.041	-0.046	-0.050	-0.052	-0.053	-0.053
3701	37.00	-0.053	-0.056	-0.060	-0.066	-0.071	-0.074	-0.075	-0.076	-0.076	-0.079
3711	37.10	-0.083	-0.088	-0.094	-0.098	-0.101	-0.102	-0.103	-0.104	-0.108	-0.113
3721	37.20	-0.120	-0.125	-0.130	-0.132	-0.132	-0.130	-0.129	-0.127	-0.127	-0.126
3731	37.30	-0.126	-0.125	-0.124	-0.123	-0.123	-0.123	-0.124	-0.125	-0.126	-0.126
3741	37.40	-0.125	-0.124	-0.122	-0.122	-0.123	-0.125	-0.127	-0.128	-0.128	-0.126
3751	37.50	-0.124	-0.122	-0.123	-0.125	-0.128	-0.130	-0.130	-0.128	-0.126	-0.124
3761	37.60	-0.124	-0.126	-0.129	-0.132	-0.133	-0.131	-0.128	-0.125	-0.124	-0.126
3771	37.70	-0.130	-0.134	-0.135	-0.133	-0.130	-0.126	-0.124	-0.126	-0.130	-0.134
3781	37.80	-0.136	-0.134	-0.130	-0.126	-0.123	-0.124	-0.128	-0.132	-0.134	-0.132
3791	37.90	-0.128	-0.123	-0.120	-0.120	-0.123	-0.127	-0.129	-0.128	-0.124	-0.119
3801	38.00	-0.115	-0.114	-0.115	-0.118	-0.120	-0.119	-0.116	-0.110	-0.106	-0.104
3811	38.10	-0.104	-0.105	-0.107	-0.106	-0.103	-0.098	-0.093	-0.090	-0.088	-0.088
3821	38.20	-0.088	-0.088	-0.085	-0.081	-0.076	-0.071	-0.067	-0.065	-0.064	-0.063
3831	38.30	-0.061	-0.058	-0.053	-0.047	-0.041	-0.036	-0.034	-0.033	-0.031	-0.028
3841	38.40	-0.023	-0.016	-0.008	-0.001	0.003	0.005	0.006	0.008	0.013	0.021
3851	38.50	0.031	0.041	0.048	0.051	0.051	0.052	0.056	0.065	0.077	0.090
3861	38.60	0.099	0.104	0.104	0.104	0.108	0.117	0.131	0.146	0.158	0.165
3871	38.70	0.166	0.165	0.167	0.176	0.191	0.210	0.227	0.237	0.239	0.235
3881	38.80	0.229	0.224	0.222	0.222	0.220	0.215	0.207	0.200	0.195	0.195
3891	38.90	0.200	0.206	0.210	0.208	0.202	0.194	0.189	0.189	0.193	0.200
3901	39.00	0.205	0.206	0.202	0.196	0.192	0.192	0.196	0.202	0.207	0.210
3911	39.10	0.209	0.207	0.205	0.205	0.208	0.211	0.216	0.220	0.223	0.226
3921	39.20	0.228	0.228	0.228	0.228	0.230	0.235	0.243	0.252	0.259	0.261
3931	39.30	0.257	0.252	0.250	0.255	0.268	0.285	0.298	0.302	0.295	0.283
3941	39.40	0.275	0.279	0.298	0.324	0.346	0.352	0.341	0.320	0.304	0.306
3951	39.50	0.331	0.368	0.401	0.412	0.396	0.373	0.335	0.333	0.365	0.417
3961	39.60	0.464	0.481	0.459	0.411	0.367	0.359	0.398	0.469	0.536	0.563
3971	39.70	0.533	0.463	0.397	0.377	0.425	0.523	0.621	0.664	0.624	0.520
3981	39.80	0.416	0.372	0.433	0.578	0.733	0.811	0.755	0.583	0.386	0.281
3991	39.90	0.362	0.627	0.964	1.189	1.124	0.679	-0.092	-1.003	-1.803	-2.275

Table 7—43—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1190 605-DA-2-1 HA. (HA.) SUSOHANA DAM MAX. ACC. = 152.569 (GAL) T= 4.20 (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	-3.098	-2.081	1.539	7.275	13.844	19.581	23.015	23.336	20.566	15.378
11	0.10	8.731	1.332	-6.242	-13.753	-20.893	-27.116	-31.656	-33.810	-33.321	-30.618
21	0.20	-26.707	-22.712	-19.265	-16.103	-12.137	-6.058	2.781	13.642	24.294	31.655
31	0.30	33.006	27.285	15.517	1.533	-12.072	-22.449	-22.626	-19.532	-13.864	-8.739
41	0.40	-6.254	-6.633	-8.337	-9.047	-6.998	-2.000	4.362	9.450	10.838	7.529
51	0.50	0.524	-7.513	-13.369	-14.528	-10.385	-2.296	6.890	13.980	16.626	14.111
61	0.60	7.467	-1.053	-8.870	-13.979	-15.523	-13.875	-10.289	-6.271	-2.976	-0.815
71	0.70	0.573	2.019	4.321	7.755	11.812	15.278	16.658	14.703	9.355	1.195
81	0.80	-7.937	-15.891	-20.867	-21.900	-19.283	-14.142	-7.999	-2.141	2.763	6.686
91	0.90	9.938	12.723	14.838	15.663	14.477	10.897	5.223	-1.518	-7.876	-12.476
101	1.00	-14.691	-13.872	-11.246	-7.577	-3.772	-0.423	2.212	4.051	5.006	4.908
111	1.10	3.621	1.268	-1.604	-4.054	-5.028	-3.810	-0.405	4.319	8.859	11.613
121	1.20	11.492	8.363	3.114	-2.687	-7.400	-9.922	-10.035	-8.378	-6.052	-4.072
131	1.30	-2.899	-2.279	-1.424	0.536	4.053	8.845	13.890	17.760	19.138	17.306
141	1.40	12.420	5.452	-2.152	-8.947	-13.902	-16.587	-17.105	-15.825	-13.108	-9.156
151	1.50	-4.079	1.867	8.030	13.271	16.155	15.408	10.475	1.933	-8.449	-18.113
161	1.60	-24.467	-25.745	-21.644	-13.472	-3.710	4.689	9.560	9.947	6.474	0.944
171	1.70	-4.426	-7.879	-8.715	-7.406	-5.193	-3.380	-2.652	-2.748	-2.630	-1.078
181	1.80	2.572	7.913	13.458	17.178	17.394	13.612	6.919	-0.299	-5.240	-5.828
191	1.90	-1.634	5.850	13.710	18.717	18.587	12.881	3.175	-7.542	-15.994	-19.793
201	2.00	-18.224	-12.366	-4.568	2.449	6.505	6.578	2.960	-2.983	-9.317	-14.100
211	2.10	-15.868	-13.965	-8.691	-1.260	6.459	12.395	14.857	13.081	7.562	-0.000
221	2.20	-2.179	-11.578	-11.611	-7.007	1.161	10.896	19.976	26.600	29.769	29.271
231	2.30	25.477	18.911	9.722	0.435	-11.991	-22.110	-29.336	-31.938	-29.013	-21.031
241	2.40	-9.940	1.316	9.748	13.457	12.290	8.157	4.165	3.485	7.998	17.359
251	2.50	28.865	38.215	40.926	33.939	16.838	-7.750	-34.729	-57.908	-71.740	-72.845
261	2.60	-60.854	-38.346	-9.967	18.905	43.474	60.417	68.166	66.671	56.916	40.480
271	2.70	19.346	-4.099	-27.033	-46.376	-59.284	-63.836	-59.650	-48.124	-32.107	-15.094
281	2.80	-0.247	10.388	16.161	17.576	15.736	11.812	6.802	1.603	-2.786	-5.235
291	2.90	-4.808	-1.369	3.879	8.356	8.809	2.653	-10.577	-28.382	-45.609	-56.026
301	3.00	-54.650	-39.931	-14.811	13.883	37.618	49.120	44.989	26.962	1.322	-23.293
311	3.10	-38.847	-40.540	-28.208	-6.117	18.663	38.619	48.085	44.759	30.116	8.740
321	3.20	-13.109	-29.224	-35.044	-28.732	-11.548	12.548	37.951	58.889	70.929	72.149
331	3.30	63.611	49.010	33.554	22.391	19.049	24.325	35.969	49.252	58.264	57.589
341	3.40	43.881	16.914	-20.188	-61.607	-100.204	-129.212	-143.777	-141.919	-124.661	-95.379
351	3.50	-58.660	-18.999	19.853	55.345	85.760	109.726	125.833	132.634	129.066	115.036
361	3.60	91.863	62.125	29.309	-5.231	-32.903	-58.556	-78.190	-92.273	-99.162	-97.031
371	3.70	-84.112	-59.858	-26.073	12.593	49.232	76.331	87.971	81.773	59.811	28.087
381	3.80	-5.295	-32.600	-48.700	-52.304	-45.841	-34.150	-22.574	-15.177	-13.664	-17.232
391	3.90	-23.202	-28.066	-28.537	-22.317	-8.538	12.062	37.142	62.913	84.554	96.972
401	4.00	95.906	79.161	47.574	5.288	-40.940	-83.298	-114.917	-131.607	-132.709	-120.739
411	4.10	-99.989	-74.697	-47.557	-19.252	11.002	43.910	78.630	111.936	138.559	152.569
421	4.20	149.436	127.681	89.580	40.886	-10.864	-58.170	-95.257	-118.985	-128.879	-126.502
431	4.30	-114.570	-96.158	-74.199	-51.234	-29.298	-9.863	6.317	18.939	28.131	34.017
441	4.40	36.472	35.126	29.733	20.767	9.903	0.013	-5.539	-4.162	4.636	18.491
451	4.50	32.510	40.728	38.237	23.171	-2.306	-32.475	-59.883	-77.801	-82.378	-73.665
461	4.60	-55.204	-32.443	-10.715	6.404	17.797	24.468	28.509	31.921	35.807	40.161
471	4.70	44.044	46.282	45.715	41.544	33.393	21.347	6.051	-11.175	-28.308	-42.847
481	4.80	-52.303	-54.853	-49.900	-38.287	-22.056	-3.820	13.965	29.565	42.139	51.523
491	4.90	57.806	60.965	60.754	56.904	49.473	39.154	27.312	15.714	6.044	-0.585

Table 7—43—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1190 605-DA-2-1 HA. (HA.) SUSOHANA DAM MAX. ACC. = 152.569 (GAL) T= 4.20 (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	-3.918	-4.528	-3.513	-2.062	-1.074	-0.950	-1.609	-2.652	-3.593	-4.062
511	5.10	-3.929	-3.348	-2.725	-2.615	-3.565	-5.893	-9.487	-13.679	-17.301	-18.961
521	5.20	-17.498	-12.468	-7.474	4.821	13.088	18.010	18.047	12.986	4.073	-6.363
531	5.30	-15.659	-21.690	-23.535	-21.713	-17.899	-14.247	-12.576	-13.712	-17.216	-21.572
541	5.40	-24.741	-24.863	-20.858	-12.739	-1.566	10.905	22.701	32.090	37.871	39.463
551	5.50	36.831	30.341	20.637	8.575	-4.780	-18.167	-30.189	-39.461	-44.821	-45.528
561	5.60	-41.414	-32.901	-20.922	-6.765	8.202	22.595	34.823	44.060	49.336	49.166
571	5.70	46.301	38.281	26.941	13.569	-0.339	-13.257	-23.965	-31.598	-35.767	-36.527
581	5.80	-34.292	-29.730	-23.659	-16.959	-10.478	-4.935	-0.827	1.658	2.665	2.630
591	5.90	2.162	1.875	2.218	3.361	5.151	7.181	8.914	9.841	9.627	8.202
601	6.00	5.776	2.791	-0.193	-2.637	-4.160	-4.638	-4.227	-3.306	-2.346	-1.742
611	6.10	-1.663	-1.981	-2.308	-2.143	-1.066	1.082	4.097	7.466	10.511	12.603
621	6.20	13.338	12.631	10.683	7.866	4.589	1.210	-1.967	-4.632	-6.406	-6.843
631	6.30	-5.539	-2.326	2.567	8.307	13.780	17.875	18.994	17.403	13.405	8.232
641	6.40	3.451	0.428	-0.167	1.384	3.935	5.882	5.746	2.711	-3.076	-10.560
651	6.50	-18.026	-23.823	-26.653	-25.973	-21.992	-15.491	-7.461	1.231	9.817	17.793
661	6.60	24.674	29.868	32.530	32.172	27.912	19.754	8.297	-5.144	-18.721	-30.418
671	6.70	-38.478	-41.786	-40.088	-33.977	-24.714	-13.886	-3.047	6.570	14.218	19.636
681	6.80	22.938	24.433	24.445	23.204	20.803	17.241	12.503	6.658	-0.080	-7.303
691	6.90	-14.420	-20.689	-25.294	-27.468	-26.647	-22.648	-15.808	-7.040	2.278	10.568
701	7.00	16.436	19.050	18.413	15.344	11.212	7.448	5.037	4.161	4.171	5.890
711	7.10	2.150	-1.658	-7.248	-13.467	-18.672	-21.323	-20.542	-16.426	-9.985	-2.761
721	7.20	3.723	8.448	11.139	12.197	12.383	12.400	12.574	12.740	12.361	10.809
731	7.30	7.685	3.039	-2.582	-8.269	-13.022	-16.039	-16.949	-15.898	-13.470	-10.458
741	7.40	-7.565	-5.144	-3.062	-0.766	2.455	7.104	13.127	19.748	25.568	28.940
751	7.50	28.494	23.630	14.788	3.387	-8.561	-19.010	-26.417	-30.080	-30.157	-27.433
761	7.60	-22.940	-17.600	-12.019	-6.656	-0.946	4.586	9.997	15.264	20.094	24.167
771	7.70	27.019	28.277	27.513	24.445	19.169	12.080	4.190	-3.543	-13.693	-23.415
781	7.80	-31.869	-36.949	-41.033	-43.737	-43.444	-41.602	-39.027	-35.037	-29.753	-23.410
791	7.90	-16.576	-10.213	-6.591	-2.150	2.624	7.250	11.252	14.147	15.480	14.918
801	8.00	12.369	8.066	2.559	-3.405	-9.062	-13.810	-17.315	-19.500	-20.442	-20.241
811	8.10	-18.925	-16.445	-12.753	-7.920	-2.228	3.800	9.473	14.070	17.003	17.951
821	8.20	16.925	14.266	10.532	6.436	2.573	-0.608	-2.939	-4.540	-5.739	-6.936
831	8.30	-8.431	-10.290	-12.296	-14.000	-14.877	-14.514	-12.766	-9.800	-6.056	-2.072
841	8.40	1.678	4.907	7.511	9.640	11.272	12.400	12.850	12.366	10.738	7.929
851	8.50	4.150	-0.168	-4.473	-8.245	-11.105	-12.873	-13.533	-13.144	-11.761	-9.396
861	8.60	-6.046	-1.780	3.175	8.389	13.263	17.138	19.467	19.866	18.297	15.062
871	8.70	10.631	5.606	0.586	-3.923	-7.561	-10.145	-11.676	-12.326	-12.406	-12.282
881	8.80	-12.261	-12.461	-12.710	-12.545	-11.319	-8.425	-3.559	3.072	10.688	18.076
891	8.90	23.894	27.050	27.014	23.963	18.684	12.303	5.926	0.338	-4.129	-7.540
901	9.00	-10.156	-12.188	-13.640	-14.273	-13.717	-11.657	-8.006	-2.993	2.864	8.867
911	9.10	14.282	18.458	20.892	21.260	19.430	15.501	9.849	3.160	-3.596	-9.305
921	9.20	-12.927	-15.763	-17.676	-17.166	-1.268	4.714	9.561	12.454	13.155	11.991
931	9.30	9.664	6.976	4.563	2.746	1.528	0.709	0.047	-0.614	-1.307	-1.998
941	9.40	-2.671	-3.393	-4.297	-5.481	-6.879	-8.179	-8.845	-8.279	-6.055	-2.143
951	9.50	2.974	8.377	12.943	15.681	16.029	14.019	10.235	5.603	1.087	-2.588
961	9.60	-5.090	-6.480	-7.078	-7.265	-7.321	-7.337	-7.240	-6.880	-6.140	-5.026
971	9.70	-3.683	-2.372	-1.389	-0.991	-1.329	-2.411	-4.100	-6.143	-8.219	-10.002
981	9.80	-11.223	-11.709	-11.405	-10.361	-8.692	-6.541	-4.052	-1.365	1.358	3.909
991	9.90	6.028	7.427	7.849	7.141	5.313	2.550	-0.825	-4.422	-7.872	-10.886

Table 7—43—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1190 605-DA-2-1 HA. (HA.) SUSOBANA DAM MAX. ACC. = 152.569 (GAL) T= 4.20 (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	-13.276	-14.930	-15.776	-15.744	-14.772	-12.833	-9.979	-6.384	-2.340	1.782
1011	10.10	5.600	8.807	11.221	12.806	13.617	13.894	13.706	13.187	12.392	11.306
1021	10.20	9.883	8.095	5.953	3.560	1.019	-1.381	-3.597	-4.278	-5.338	-5.006
1031	10.30	-3.866	-2.056	0.074	2.232	4.154	5.682	6.778	7.495	7.908	8.046
1041	10.40	7.836	7.111	5.675	3.413	0.400	-3.038	-6.343	-8.842	-9.927	-9.236
1051	10.50	-6.774	-2.943	1.569	5.971	9.570	11.929	12.933	12.741	11.668	10.051
1061	10.60	8.163	6.081	3.914	1.677	-0.552	-2.632	-4.380	-5.638	-6.331	-6.501
1071	10.70	-6.292	-5.897	-5.482	-5.133	-4.830	-4.473	-3.967	-3.190	-2.243	-1.260
1081	10.80	-0.469	0.094	0.277	-1.016	-2.158	-3.450	-4.633	-5.539	-6.155	-6.619
1091	10.90	-7.144	-7.899	-8.899	-9.946	-10.671	-10.654	-9.588	-7.417	-4.383	-0.973
1101	11.00	2.234	4.748	6.304	6.907	6.768	6.169	5.320	4.268	2.909	1.068
1111	11.10	-1.370	-4.358	-7.643	-10.814	-13.401	-15.000	-15.374	-14.492	-12.517	-9.743
1121	11.20	-6.512	-3.144	0.114	3.112	5.790	8.144	10.188	11.910	13.238	14.048
1131	11.30	14.185	13.524	12.031	9.798	7.052	4.107	1.297	-1.105	-2.925	-4.107
1141	11.40	-4.668	-4.656	-4.106	-3.026	-1.419	0.678	3.162	5.850	8.498	10.833
1151	11.50	12.600	13.588	13.654	12.731	10.815	8.131	4.846	1.362	-1.879	-4.442
1161	11.60	-6.002	-6.429	-5.836	-4.546	-3.004	-1.644	-0.768	-0.468	-0.623	-0.972
1171	11.70	-1.223	-1.166	-0.758	-0.124	0.488	0.811	0.666	0.046	-0.875	-1.784
1181	11.80	-2.339	-2.295	-1.598	-0.415	0.920	2.020	2.596	2.555	2.026	1.294
1191	11.90	0.659	0.297	0.176	0.078	-0.291	-1.130	-2.416	-3.864	-5.013	-5.396
1201	12.00	-4.736	-3.068	-0.750	1.663	3.606	4.685	4.780	4.030	2.724	1.170
1211	12.10	-0.411	-1.905	-3.262	-4.412	-5.218	-5.486	-5.040	-3.832	-2.004	0.114
1221	12.20	2.095	3.557	4.297	4.357	3.989	3.539	3.297	3.377	3.675	3.917
1231	12.30	3.779	3.018	1.572	-0.409	-2.613	-4.653	-6.180	-6.961	-6.916	-6.103
1241	12.40	-4.680	-2.848	-0.808	1.267	3.231	4.968	6.376	7.372	7.899	7.937
1251	12.50	7.518	6.731	5.711	4.616	3.592	2.744	2.110	1.658	1.302	0.929
1261	12.60	0.430	-0.266	-1.179	-2.269	-3.463	-4.566	-5.474	-5.997	-5.992	-5.377
1271	12.70	-4.168	-2.501	-0.628	1.130	2.452	3.101	2.992	2.213	0.992	-0.387
1281	12.80	-1.676	-2.748	-3.617	-4.400	-5.233	-6.177	-7.156	-7.961	-8.314	-7.977
1291	12.90	-6.853	-5.039	-2.811	-0.548	1.385	2.724	3.365	3.347	2.802	1.887
1301	13.00	0.739	-0.535	-1.834	-3.033	-3.983	-4.543	-4.660	-4.327	-3.799	-3.341
1311	13.10	-3.223	-3.573	-4.291	-5.047	-5.380	-4.866	-3.299	-0.802	2.174	4.976
1321	13.20	6.950	7.661	6.926	5.019	2.375	-0.476	-3.086	-5.180	-6.665	-7.565
1331	13.30	-7.945	-7.857	-7.282	-6.259	-4.829	-3.102	-1.228	0.658	2.480	4.236
1341	13.40	5.965	7.675	9.268	10.518	11.113	10.752	9.273	6.745	3.478	-0.034
1351	13.50	-3.252	-5.728	-7.211	-7.679	-7.297	-6.333	-5.065	-3.705	-2.376	-1.114
1361	13.60	0.103	1.328	2.614	3.992	5.450	6.905	8.205	9.139	9.489	9.101
1371	13.70	7.955	6.199	4.134	2.132	0.523	-0.514	-1.003	-1.151	-1.245	-1.517
1381	13.80	-2.033	-2.644	-3.032	-2.838	-1.812	0.061	2.516	5.071	7.160	8.311
1391	13.90	8.285	7.140	5.198	2.934	0.822	-0.797	-1.785	-2.204	-2.246	-2.130
1401	14.00	-2.015	-1.949	-1.878	-1.694	-1.297	-0.652	0.196	1.140	2.045	2.794
1411	14.10	3.310	3.559	3.532	3.229	2.638	1.868	0.967	-0.857	-2.417	-3.949
1421	14.20	-5.257	-6.146	-6.458	-6.311	-5.113	-3.567	-1.668	0.329	2.136	3.486
1431	14.30	4.184	4.152	3.459	2.314	1.019	-0.111	-0.836	-1.068	-0.899	-0.568
1441	14.40	-0.379	-0.589	-1.306	-2.438	-3.715	-4.771	-5.274	-5.040	-4.101	-2.699
1451	14.50	-1.200	0.025	0.720	0.812	0.407	-0.279	-1.021	-1.665	-2.164	-2.553
1461	14.60	-2.875	-3.123	-3.208	-2.996	-2.387	-1.394	-0.189	0.942	1.695	1.884
1471	14.70	1.538	0.911	0.393	0.353	0.968	2.131	3.466	4.449	4.616	3.723
1481	14.80	1.842	-0.662	-3.262	-5.443	-6.850	-7.362	-7.080	-6.242	-5.123	-3.957
1491	14.90	-2.895	-2.011	-1.324	-0.807	-0.390	0.043	0.642	1.559	2.881	4.569

Table 7—43—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1190 605-DA-2-1 HA. (HA.) SUSOBANA DAM MAX. ACC. = 152.569 (GAL) T= 4.20 (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	6.421	8.097	9.195	9.374	8.462	6.531	3.888	1.003	-1.613	-3.538
1511	15.10	-4.525	-4.541	-3.735	-2.364	-0.710	0.996	2.617	4.108	5.485	6.775
1521	15.20	7.968	8.988	9.697	9.926	9.528	8.436	6.694	4.462	1.987	-0.454
1531	15.30	-2.614	-4.317	-5.472	-6.082	-6.108	-5.651	-4.735	-3.423	-1.813	-0.047
1541	15.40	1.697	3.237	4.434	5.221	5.607	5.649	5.400	4.866	3.995	2.704
1551	15.50	0.944	-1.227	-3.609	-5.867	-7.615	-8.517	-8.392	-7.274	-5.393	-3.099
1561	15.60	-0.753	1.372	3.138	4.526	5.574	6.301	6.803	6.965	5.907	4.666
1571	15.70	2.969	0.992	-0.896	-2.426	-3.427	-3.889	-3.947	-3.803	-3.528	-3.178
1581	15.80	-3.279	-2.869	-2.098	-0.927	0.508	1.912	2.907	3.160	2.500	0.993
1591	15.90	-1.065	-3.225	-5.013	-6.064	-6.215	-5.537	-4.300	-2.871	-1.607	-0.752
1601	16.00	-0.379	-0.395	-0.601	-0.772	-0.751	-0.494	-0.081	0.328	0.570	0.537
1611	16.10	0.219	-0.305	-0.911	-1.493	-2.000	-2.453	-2.909	-3.416	-3.968	-4.488
1621	16.20	-4.857	-4.964	-4.751	-4.244	-3.539	-2.762	-2.015	-1.345	-0.741	-0.165
1631	16.30	0.412	0.971	1.448	1.751	1.797	1.540	0.985	0.180	-0.804	-1.879
1641	16.40	-2.944	-3.878	-4.548	-4.825	-4.628	-3.966	-2.957	-1.807	-0.749	0.039
1651	16.50	0.496	0.691	0.778	0.907	1.145	1.431	1.605	1.486	0.966	0.063
1661	16.60	-1.088	-2.303	-3.446	-4.486	-5.490	-6.549	-7.688	-8.698	-9.334	-9.219
1671	16.70	-8.089	-5.912	-2.946	0.319	3.309	5.543	6.766	6.983	6.390	5.247
1681	16.80	3.748	2.083	0.181	-1.814	-3.765	-5.406	-6.436	-6.635	-5.982	-4.690
1691	16.90	-3.147	-1.768	-0.828	-0.348	-0.097	0.301	1.184	2.696	4.702	6.830
1701	17.00	8.607	9.640	9.748	9.010	7.710	6.207	4.801	3.645	2.733	1.958
1711	17.10	1.206	0.432	-0.312	-0.901	-1.197	-1.116	-0.657	0.106	1.058	2.096
1721	17.20	3.153	4.200	5.214	6.140	6.871	7.254	7.130	6.391	5.029	3.136
1731	17.30	0.984	-1.219	-3.186	-4.703	-5.628	-5.987	-5.462	-4.375	-2.689	-0.524
1741	17.40	1.931	4.425	6.672	8.417	9.496	9.882	9.679	9.077	8.268	7.372
1751	17.50	6.403	5.223	3.962	2.403	0.736	-0.799	-1.924	-2.427	-2.256	-1.557
1761	17.60	-0.615	0.259	0.850	1.126	1.225	1.247	1.220	2.289	2.887	3.201
1771	17.70	2.933	1.956	0.405	-1.342	-2.784	-3.482	-3.523	-2.109	-0.517	1.043
1781	17.80	2.113	2.445	2.073	1.267	0.396	-0.231	-0.695	-0.505	-0.536	-0.893
1791	17.90	-1.762	-3.111	-4.671	-6.023	-6.737	-6.538	-5.403	-3.584	-1.529	0.258
1801	18.00	1.377	1.637	1.094	0.001	-1.297	-2.482	-3.346	-3.824	-3.965	-3.869
1811	18.10	-3.628	-3.290	-2.850	-2.274	-1.527	-0.593	0.517	1.772	3.126	4.511
1821	18.20	5.839	6.989	7.824	8.216	8.083	7.415	6.282	4.812	3.156	1.468
1831	18.30	-0.209	-1.733	-3.035	-3.991	-4.448	-4.260	-3.514	-1.759	0.318	2.577
1841	18.40	4.674	6.316	7.335	7.706	7.523	6.934	6.082	5.070	3.963	2.819
1851	18.50	1.712	0.733	-0.032	-0.544	-0.833	-0.987	-1.103	-1.225	-1.302	-1.193
1861	18.60	-0.733	0.175	1.479	2.957	4.265	5.053	5.091	4.353	3.026	1.432
1871	18.70	-0.092	-1.315	-2.171	-2.748	-3.201	-3.682	-4.186	-4.649	-4.992	-5.104
1881	18.80	-4.978	-4.706	-4.425	-4.245	-4.177	-4.120	-3.906	-3.392	-2.554	-1.534
1891	18.90	-0.619	-0.141	-0.362	-1.360	-2.998	-4.954	-6.834	-8.285	-9.103	-9.261
1901	19.00	-8.889	-8.203	-7.419	-6.698	-6.136	-5.670	-5.307	-4.946	-4.506	-3.917
1911	19.10	-3.148	-2.228	-1.263	-0.441	0.006	-0.140	-1.005	-2.561	-4.612	-6.839
1921	19.20	-8.886	-10.454	-11.391	-11.690	-11.459	-10.848	-9.981	-8.932	-7.736	-6.430
1931	19.30	-5.106	-3.898	-2.954	-2.377	-2.183	-2.305	-2.666	-3.155	-3.880	-4.954
1941	19.40	-6.511	-8.558	-10.871	-12.981	-14.272	-14.181	-12.418	-9.112	-4.815	-0.351

Table 7—44—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1191 605-DA-2-1 U-D (U-D) SUSOBANA DAM MAX. ACC. = -23.987 (GAL) T= 3.67 (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	-3.960	-4.372	-3.031	-0.279	2.950	5.438	6.136	4.576	1.049	-3.474
11	0.10	-7.691	-10.434	-11.058	-9.625	-6.825	-3.670	-1.120	0.244	0.367	-0.341
21	0.20	-1.221	-1.651	-1.285	-0.165	1.310	2.554	3.006	2.343	0.598	-1.833
31	0.30	-4.308	-6.153	-6.828	-6.198	-4.484	-2.239	-0.146	1.224	1.598	1.081
41	0.40	0.079	-0.896	-1.463	-1.537	-1.364	-1.380	-1.981	-3.289	-5.035	-6.623
51	0.50	-7.363	-6.770	-4.803	-1.935	0.999	3.107	5.775	2.897	0.891	-1.486
61	0.60	-3.459	-4.521	-4.589	-3.953	-3.071	-2.316	-1.805	-1.391	-0.810	0.109
71	0.70	1.277	2.333	2.793	2.285	0.767	-1.400	-3.569	-5.055	-5.415	-4.629
81	0.80	-3.090	-1.423	-0.214	0.230	-0.023	-0.608	-1.065	-1.071	-0.578	0.176
91	0.90	0.803	0.955	0.483	-0.502	-1.686	-2.691	-3.221	-3.166	-2.611	-1.787
101	1.00	-0.968	-0.379	-0.139	-0.243	-0.578	-0.962	-1.197	-1.121	-0.659	0.138
111	1.10	1.092	1.939	2.408	2.330	1.712	0.762	-0.176	-0.740	-0.707	-0.094
121	1.20	0.826	1.607	1.806	1.155	-0.309	-2.231	-4.038	-5.133	-5.095	-3.842
131	1.30	-1.669	0.830	2.946	4.073	3.900	2.493	0.262	-2.198	-4.317	-5.745
141	1.40	-6.442	-6.648	-6.713	-6.898	-7.207	-7.357	-6.899	-5.456	-2.961	0.212
151	1.50	3.320	5.502	6.133	5.107	2.931	0.559	-0.981	-1.003	0.546	3.072
161	1.60	5.581	7.111	7.429	5.737	3.581	1.532	0.279	0.044	0.537	1.167
171	1.70	1.390	1.007	0.263	-0.303	-0.170	0.852	2.484	4.093	4.996	4.815
181	1.80	3.675	2.153	0.990	0.716	1.370	2.476	3.281	3.137	1.865	-0.231
191	1.90	-2.332	-3.668	-3.797	-2.828	-1.344	-0.095	0.383	0.017	-0.801	-1.458
201	2.00	-1.470	-0.750	0.362	1.293	1.575	1.116	0.272	-0.337	-0.155	1.009
211	2.10	2.866	4.768	6.039	6.266	5.469	4.030	2.452	1.090	0.009	-0.944
221	2.20	-1.934	-2.910	-3.528	-3.292	-1.838	0.770	3.944	6.728	8.181	7.786
231	2.30	5.707	2.511	-0.044	-1.778	-2.057	-1.215	-0.842	0.558	0.055	-1.679
241	2.40	-4.200	-6.804	-8.801	-9.719	-9.386	-7.871	-5.401	-2.305	0.981	3.897
251	2.50	5.803	6.122	4.566	1.320	-2.900	-7.009	-9.880	-10.715	-9.313	-6.107
261	2.60	-1.983	2.046	5.142	6.815	6.929	5.589	3.019	-0.492	-4.564	-8.672
271	2.70	-12.156	-14.334	-14.704	-13.135	-9.956	-5.879	-1.778	1.554	3.597	4.149
281	2.80	3.265	1.161	-1.834	-5.251	-8.448	-10.638	-11.076	-9.356	-5.703	-1.070
291	2.90	3.069	5.220	4.480	0.979	-4.064	-8.756	-11.264	-10.550	-6.791	-1.278
301	3.00	4.151	7.900	9.255	8.603	7.161	6.344	7.106	9.531	12.840	15.767
311	3.10	17.112	16.199	13.085	8.473	3.425	-0.959	-3.786	-4.494	-2.895	0.815
321	3.20	6.037	11.797	16.869	20.032	20.425	17.873	13.034	7.256	2.162	-0.898
331	3.30	-1.327	0.527	3.528	6.209	7.335	6.339	3.479	-0.335	-3.938	-6.350
341	3.40	-7.086	-6.231	-4.289	-1.913	0.355	2.228	3.659	4.711	5.407	5.645
351	3.50	5.236	4.066	2.170	0.035	-1.651	-2.118	-0.866	2.026	5.747	8.917
361	3.60	9.980	7.795	3.558	-5.954	-16.558	-21.245	-23.987	-21.857	-15.401	-6.493
371	3.70	2.288	8.504	10.634	8.478	3.079	-3.758	-10.121	-14.558	-16.363	-15.555
381	3.80	-12.647	-8.370	-3.494	1.227	5.050	7.281	7.415	5.349	1.557	-2.914
391	3.90	-6.685	-8.483	-7.601	-4.187	0.781	5.851	9.623	11.239	10.634	8.447
401	4.00	5.664	3.176	1.436	0.378	-0.417	-1.398	-2.749	-4.258	-5.396	-5.563
411	4.10	-4.356	-1.762	1.825	5.738	9.254	11.794	13.941	12.948	11.671	9.476
421	4.20	6.663	3.538	0.396	-2.473	-4.805	-6.394	-7.130	-7.014	-6.147	-4.703
431	4.30	-2.882	-0.896	1.037	2.675	3.747	3.975	3.139	1.170	-1.763	-5.229
441	4.40	-8.579	-11.096	-12.187	-11.579	-9.427	-6.308	-3.066	-0.577	0.510	-0.045
451	4.50	-2.025	-4.846	-7.751	-10.037	-11.222	-11.128	-9.855	-7.694	-5.032	-2.276
461	4.60	0.189	2.022	2.966	2.904	1.911	0.286	-1.499	-2.921	-3.580	-3.337
471	4.70	-2.373	-1.124	-0.104	0.298	-0.036	-0.923	-1.972	-2.769	-3.031	-2.697
481	4.80	-1.893	-0.819	0.371	1.637	3.016	4.528	6.069	7.374	8.084	7.895
491	4.90	6.714	4.752	2.491	0.525	-0.650	-0.816	-0.103	1.076	2.204	2.860

Table 7—44—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1191 605-DA-2-1 U-D (U-D) SUSOBANA DAM MAX. ACC. = -23.987 (GAL) T= 3.67 (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	2.874	2.365	1.664	1.164	1.153	1.707	2.670	3.721	4.495	4.702
511	5.10	4.231	3.168	1.759	0.331	-0.811	-1.470	-1.609	-1.346	-0.912	-0.575
521	5.20	-0.561	-0.994	-1.872	-3.070	-4.383	-5.573	-6.415	-6.747	-6.501	-5.729
531	5.30	-4.600	-3.377	-2.362	-1.808	-1.832	-2.361	-3.129	-3.755	-3.664	-3.222
541	5.40	-1.823	0.108	2.194	4.039	5.352	6.011	6.067	5.571	4.684	3.434
551	5.50	1.830	-0.082	-2.150	-4.096	-5.563	-6.269	-6.013	-4.952	-3.367	-1.653
561	5.60	-0.144	0.992	1.772	2.329	2.783	3.165	3.297	3.069	2.361	1.251
571	5.70	0.015	-0.967	-1.362	-1.058	-0.205	0.810	1.644	1.664	1.116	0.108
581	5.80	-0.974	-1.752	-2.006	-1.753	-1.206	-0.643	-0.272	-0.133	-0.104	0.009
591	5.90	0.353	0.929	1.579	2.045	2.088	1.605	0.682	-0.425	-1.384	-1.915
601	6.00	-1.882	-1.375	-0.603	0.129	0.576	0.649	0.446	0.220	0.275	0.843
611	6.10	1.982	3.538	5.199	6.607	7.500	7.811	7.692	7.435	7.329	7.529
621	6.20	7.973	8.408	8.526	8.115	7.191	6.007	4.952	4.368	4.375	4.797
631	6.30	5.218	5.175	4.371	2.836	0.938	-0.756	-1.712	-1.651	-0.663	0.839
641	6.40	2.298	3.234	3.416	2.899	1.944	0.856	-0.156	-1.047	-1.888	-2.759
651	6.50	-3.645	-4.401	-4.804	-4.669	-3.963	-2.855	-1.666	-0.755	-0.385	-0.665
661	6.60	-1.444	-2.587	-3.867	-5.133	-6.300	-7.295	-8.011	-8.289	-7.967	-6.975
671	6.70	-5.420	-3.610	-1.980	-0.939	-0.706	-1.207	-2.091	-2.863	-3.084	-2.552
681	6.80	-1.376	0.078	1.342	2.041	2.034	1.443	0.580	-0.199	-0.630	-0.620
691	6.90	-0.244	0.332	0.929	1.429	1.781	1.980	2.032	1.941	1.712	1.384
701	7.00	1.044	0.810	0.786	1.002	1.381	1.752	1.915	1.736	1.214	0.506
711	7.10	-0.134	-0.446	-0.279	0.350	1.255	2.155	2.772	2.927	2.577	1.808
721	7.20	0.773	-0.365	-1.480	-2.685	-3.318	-3.920	-4.232	-4.219	-3.902	-3.384
731	7.30	-2.839	-2.463	-2.402	-2.692	-3.227	-3.789	-4.122	-4.019	-3.396	-2.320
741	7.40	-0.978	0.386	1.551	2.376	2.821	2.931	2.793	2.496	2.105	1.656
751	7.50	1.169	0.671	0.198	-0.201	-0.487	-0.644	-0.694	-0.687	-0.683	-0.726
761	7.60	-0.820	-0.921	-0.953	-0.838	-0.526	-0.030	0.571	1.145	1.550	1.677
771	7.70	1.589	1.055	0.158	-0.952	-0.856	-0.890	-0.810	-0.949	-0.947	-1.069
781	7.80	-1.371	-1.842	-2.407	-2.954	-3.363	-3.537	-3.623	-3.014	-2.355	-1.533
791	7.90	-0.666	0.114	0.684	0.958	0.902	0.555	0.007	-0.615	-1.192	-1.635
801	8.00	-1.910	-2.028	-2.025	-1.945	-1.812	-1.636	-1.415	-1.166	-0.834	-0.484
811	8.10	-0.099	0.330	0.813	1.344	1.879	2.330	2.579	2.525	2.138	1.492
821	8.20	0.770	0.211	0.033	0.339	1.068	2.001	2.827	3.257	3.123	2.440
831	8.30	1.398	0.291	-0.586	-1.035	-1.005	-0.589	0.033	0.666	1.158	1.436
841	8.40	1.498	1.384	1.162	0.813	0.420	0.003	-0.415	-0.955	-1.760	-0.977
851	8.50	-0.792	-0.432	0.037	0.531	0.968	1.292	1.486	1.564	1.569	1.550
861	8.60	1.553	1.601	1.690	1.787	1.840	1.789	1.591	1.237	0.759	0.232
871	8.70	-0.243	-0.573	-0.695	-0.600	-0.334	0.015	0.351	0.594	0.710	0.713
881	8.80	0.652	0.594	0.597	0.701	0.918	1.240	1.647	2.108	2.578	2.997
891	8.90	3.288	3.377	3.212	2.793	2.187	1.519	0.940	0.571	0.455	0.538
901	9.00	0.686	0.737	0.576	0.188	-0.332	-0.818	-1.114	-1.148	-0.983	-0.796
911	9.10	-0.803	-1.163	-1.897	-2.864	-3.815	-4.487	-4.715	-4.495	-3.977	-3.393
921	9.20	-2.957	-2.775	-2.820	-2.965	-3.061	-3.019	-2.864	-2.619	-2.439	-2.562
931	9.30	-2.320	-2.242	-2.019	-1.622	-1.131	-0.714	-0.556	-0.774	-1.353	-2.142
941	9.40	-2.914	-3.644	-3.594	-3.339	-2.750	-1.936	-0.988	0.036	1.092	2.127
951	9.50	3.003	3.554	3.622	3.141	2.205	1.066	0.070	-0.466	-0.375	0.295
961	9.60	1.300	2.296	2.980	3.198	2.999	2.581	2.198	2.060	2.159	2.471
971	9.70	2.812	3.027	3.047	2.909	2.720	2.597	2.600	2.709	2.835	2.879
981	9.80	2.774	2.523	2.185	1.842	1.551	1.320	1.110	0.871	0.574	0.240
991	9.90	-0.067	-0.264	-0.294	-0.153	0.105	0.391	0.617	0.734	0.743	0.686

Table 7—44—3

TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1191 605-DA-2-1 U-D (U-D) SUSOBANA DAM MAX. ACC. = -23.987 (GAL) T= 3.67 (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	0.617	0.571	0.549	0.522	0.450	0.313	0.120	-0.090	-0.271	-0.399
1011	10.10	-0.487	-0.584	-0.760	-1.063	-1.503	-2.034	-2.571	-3.020	-3.313	-3.427
1021	10.20	-3.388	-3.249	-3.066	-2.869	-2.662	-2.431	-2.171	-1.899	-1.662	-1.522
1031	10.30	-1.523	-1.666	-1.902	-2.162	-2.295	-2.303	-2.171	-1.964	-1.779	-1.700
1041	10.40	-1.763	-1.935	-2.128	-2.239	-2.188	-1.951	-1.564	-1.103	-0.648	-0.254
1051	10.50	0.064	0.320	0.530	0.696	0.770	0.772	0.612	0.322	-0.036	-0.361
1061	10.60	-0.545	-0.508	-0.235	0.222	0.756	1.239	1.562	1.663	1.533	1.217
1071	10.70	0.793	0.353	-0.012	-0.230	-0.254	-0.070	0.296	0.784	1.309	1.784
1081	10.80	2.141	2.354	2.439	2.446	2.429	2.421	2.417	2.376	2.243	1.983
1091	10.90	1.697	1.181	0.809	0.599	0.623	0.890	1.344	1.885	2.400	2.806
1101	11.00	3.066	3.190	3.217	3.192	3.141	3.063	2.940	2.750	2.483	2.152
1111	11.10	1.785	1.416	1.072	0.767	0.497	0.252	0.023	-0.190	-0.380	-0.537
1121	11.20	-0.656	-0.746	-0.825	-0.921	-1.058	-1.247	-1.486	-1.757	-2.036	-2.297
1131	11.30	-2.520	-2.692	-2.802	-2.842	-2.803	-2.675	-2.454	-2.147	-1.775	-1.375
1141	11.40	-0.992	-0.666	-0.427	-0.281	-0.214	-0.196	-0.194	-0.184	-0.158	-0.123
1151	11.50	-0.100	-0.111	-0.175	-0.292	-0.448	-0.613	-0.745	-0.796	-0.724	-0.503
1161	11.60	-0.130	0.363	0.914	1.439	1.850	2.084	2.118	1.982	1.749	1.508
1171	11.70	1.341	1.290	1.346	1.465	1.583	1.668	1.639	1.565	1.453	1.327
1181	11.80	1.192	1.032	0.824	0.558	0.268	-0.066	-0.340	-0.544	-0.686	-0.797
1191	11.90	-0.931	-1.112	-1.324	-1.506	-1.582	-1.494	-1.245	-0.902	-0.577	-0.377
1201	12.00	-0.356	-0.489	-0.686	-0.839	-0.880	-0.820	-0.745	-0.772	-0.984	-1.372
1211	12.10	-1.829	-2.188	-2.299	-2.106	-1.684	-1.218	-0.923	-0.950	-1.309	-1.858
1221	12.20	-2.361	-2.586	-2.409	-1.874	-1.181	-0.608	-0.400	-0.669	-1.356	-2.255
1231	12.30	-3.090	-3.617	-3.703	-3.358	-2.705	-1.927	-1.192	-0.607	-0.201	0.056
1241	12.40	0.207	0.294	0.322	0.265	0.089	-0.227	-0.669	-1.185	-1.690	-2.085
1251	12.50	-2.281	-2.218	-1.886	-1.320	-0.604	0.155	0.867	1.388	1.736	1.898
1261	12.60	1.921	1.872	1.812	1.781	1.790	1.828	1.878	1.928	1.981	2.046
1271	12.70	2.135	2.246	2.366	2.472	2.549	2.594	2.622	2.655	2.709	2.778
1281	12.80	2.836	2.842	2.761	2.585	2.337	2.064	1.814	1.617	1.466	1.327
1291	12.90	1.158	0.933	0.660	0.380	0.141	-0.020	-0.103	-0.141	-0.183	-0.265
1301	13.00	-0.385	-0.508	-0.585	-0.585	-0.524	-0.462	-0.483	-0.647	-0.954	-1.336
1311	13.10	-1.670	-1.850	-1.817	-1.601	-1.304	-1.056	-0.952	-1.012	-1.168	-1.305
1321	13.20	-1.313	-1.151	-0.856	-0.533	-0.296	-0.218	-0.296	-0.456	-0.592	-0.618
1331	13.30	-0.506	-0.289	-0.039	0.171	0.303	0.367	0.401	0.446	0.519	0.603
1341	13.40	0.658	0.645	0.549	0.383	0.180	-0.024	-0.209	-0.371	-0.517	-0.651
1351	13.50	-0.768	-0.853	-0.897	-0.904	-0.897	-0.907	-0.957	-1.044	-1.143	-1.219
1361	13.60	-1.247	-1.234	-1.219	-1.252	-1.364	-1.546	-1.735	-1.843	-1.788	-1.537
1371	13.70	-1.123	-0.638	-0.198	0.097	0.199	0.119	-0.089	-0.354	-0.613	-0.820
1381	13.80	-0.942	-0.949	-0.812	-0.512	-0.061	0.483	1.014	1.406	1.554	1.421
1391	13.90	1.055	0.579	0.149	-0.103	-0.120	0.068	0.361	0.639	0.807	0.830
1401	14.00	0.738	0.595	0.468	0.398	0.388	0.418	0.466	0.529	0.626	0.784
1411	14.10	1.016	1.309	1.615	1.873	2.028	2.062	1.993	1.870	1.750	1.671
1421	14.20	1.638	1.629	1.608	1.549	1.447	1.326	1.216	1.142	1.106	1.088
1431	14.30	1.052	0.973	0.866	0.690	0.538	0.418	0.338	0.282	0.219	0.131
1441	14.40	0.026	-0.058	-0.043	0.050	0.281	0.576	0.833	0.961	0.907	0.695
1451	14.50	0.423	0.229	0.236	0.492	0.948	1.471	1.897	2.096	2.023	1.738
1461	14.60	1.374	1.085	0.978	1.077	1.323	1.599	1.792	1.829	1.706	1.466
1471	14.70	1.185	0.921	0.697	0.498	0.292	0.056	-0.202	-0.442	-0.600	-0.617
1481	14.80	-0.466	-0.165	0.217	0.577	0.808	0.826	0.599	0.156	-0.412	-0.979
1491	14.90	-1.417	-1.632	-1.592	-1.338	-0.962	-0.585	-0.307	-0.185	-0.221	-0.372

Table 7—44—4

TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1191 605-DA-2-1 U-D (U-D) SUSOBANA DAM MAX. ACC. = -23.987 (GAL) T= 3.67 (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	-0.577	-0.790	-0.992	-1.192	-1.407	-1.665	-1.885	-2.090	-2.217	-2.243
1511	15.10	-2.179	-2.066	-1.959	-1.902	-1.903	-1.962	-1.976	-1.967	-1.900	-1.789
1521	15.20	-1.666	-1.563	-1.491	-1.435	-1.362	-1.238	-1.052	-0.814	-0.557	-0.317
1531	15.30	-0.118	0.039	0.172	0.305	0.456	0.625	0.803	0.975	1.133	1.277
1541	15.40	1.415	1.550	1.672	1.763	1.802	1.775	1.689	1.570	1.458	1.349
1551	15.50	1.274	1.207	1.122	1.001	0.849	0.697	0.588	0.557	0.610	0.717
1561	15.60	0.819	0.855	0.784	0.601	0.337	0.046	-0.224	-0.445	-0.620	-0.773
1571	15.70	-0.928	-1.099	-1.277	-1.439	-1.565	-1.649	-1.703	-1.753	-1.824	-1.923
1581	15.80	-2.037	-2.137	-2.194	-2.202	-2.178	-2.155	-2.170	-2.232	-2.322	-2.386
1591	15.90	-2.369	-2.233	-1.986	-1.686	-1.419	-1.271	-1.291	-1.470	-1.745	-2.020
1601	16.00	-2.201	-2.232	-2.107	-1.865	-1.568	-1.276	-1.020	-0.802	-0.603	-0.405
1611	16.10	-0.205	-0.026	0.094	0.134	0.014	-0.200	-0.491	-0.802	-1.078	-1.280
1621	16.20	-1.391	-1.419	-1.385	-1.316	-1.236	-1.155	-1.077	-1.002	-0.925	-0.846
1631	16.30	-0.766	-0.688	-0.611	-0.537	-0.462	-0.385	-0.304	-0.221	-0.137	-0.054
1641	16.40	0.027	0.107	0.186	0.263	0.339	0.409	0.470	0.517	0.552	0.576
1651	16.50	0.592	0.621	0.654	0.696	0.742	0.787	0.825	0.855	0.881	0.909
1661	16.60	0.944	0.986	1.032	1.076	1.115	1.151	1.189	1.235	1.286	1.323
1671	16.70	1.321	1.254	1.110	0.903	0.675	0.482	0.371	0.362	0.433	0.529
1681	16.80	0.587	0.569	0.481	0.380	0.369	0.459	0.727	1.101	1.473	1.713
1691	16.90	1.727	1.495	1.083	0.620	0.248	0.067	0.101	0.293	0.535	0.719
1701	17.00	0.776	0.697	0.530	0.346	0.203	0.128	0.106	0.099	0.069	-0.004
1711	17.10	-0.118	-0.254	-0.397	-0.534	-0.665	-0.781	-0.861	-0.864	-0.744	-0.470
1721	17.20	-0.053	0.447	0.929	1.286	1.428	1.339	1.062	0.698	0.361	0.139
1731	17.30	0.069	0.130	0.259	0.389	0.474	0.510	0.532	0.593	0.740	0.995
1741	17.40	1.364	1.746	2.145	2.485	2.721	2.827	2.796	2.642	2.398	2.112
1751	17.50	1.840	1.632	1.514	1.486	1.517	1.558	1.564	1.513	1.415	1.303
1761	17.60	1.219	1.184	1.190	1.197	1.158	1.044	0.863	0.669	0.537	0.534
1771	17.70	0.683	0.947	1.243	1.467	1.541	1.442	1.213	0.946	0.748	0.703
1781	17.80	0.860	1.131	1.500	1.845	2.067	2.093	1.888	1.466	0.893	0.274
1791	17.90	-0.258	-0.575	-0.588	-0.276	0.295	0.992	1.644	2.099	2.271	2.158
1801	18.00	1.833	1.407	0.980	0.605	0.286	-0.002	-0.278	-0.524	-0.686	-0.699
1811	18.10	-0.528	-0.206	0.166	0.449	0.516	0.312	-0.121	-0.461	-1.153	-1.473
1821	18.20	-1.573	-1.496	-1.341	-1.212	-1.171	-1.214	-1.279	-1.288	-1.190	-0.980
1831	18.30	-0.705	-0.429	-0.204	-0.045	0.070	0.179	0.311	0.463	0.605	0.692
1841	18.40	0.692	0.605	0.461	0.304	0.172	0.081	0.016	-0.052	-0.153	-0.302
1851	18.50	-0.697	-0.729	-0.990	-1.276	-1.585	-1.906	-2.194	-2.401	-2.466	-2.349
1861	18.60	-2.068	-1.684	-1.296	-1.000	-0.857	-0.867	-0.974	-1.093	-1.151	-1.113
1871	18.70	-1.000	-0.864	-0.764	-0.730	-0.755	-0.794	-0.801	-0.769	-0.656	-0.573
1881	18.80	-0.568	-0.691	-0.948	-1.294	-1.652	-1.930	-2.065	-2.033	-1.861	-1.611
1891	18.90	-1.357	-1.161	-1.060	-1.055	-1.124	-1.237	-1.368	-1.506	-1.651	-1.812
1901	19.00	-1.990	-2.172	-2.327	-2.421	-2.431	-2.360	-2.244	-2.143	-2.117	-2.203
1911	19.10	-2.398	-2.661	-2.931	-3.161	-3.339	-3.493	-3.679	-3.944	-4.296	-4.697
1921	19.20	-5.021	-5.344	-5.475	-5.480	-5.421	-5.373	-5.390	-5.480	-5.613	-5.744
1931	19.30	-5.853	-5.956	-6.096	-6.304	-6.563	-6.796	-6.900	-6.801	-6.512	-6.159
1941	19.40	-5.934	-6.005	-6.412	-6.999	-7.441	-7.343	-6.406	-4.557	-2.015	0.768

Table 7—45—1

TABLE OF CORRECTED ACCELERATION RECORD NO. 1

INDEX NO. 1192 605-DA-2-1 HB. (HB.) SUSOBANA DAM MAX. ACC. = 47.369 (GAL) T= 4.11 (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	-2.015	-4.136	-5.907	-7.098	-7.642	-7.622	-7.209	-6.580	-5.846	-5.018
11	0.10	-4.003	-2.664	-0.897	1.281	3.680	5.939	7.618	8.347	7.981	6.695
21	0.20	4.961	3.383	2.445	2.283	2.579	2.665	1.807	-0.427	-3.889	-7.801
31	0.30	-10.979	-12.273	-11.040	-7.442	-2.438	2.542	6.120	7.462	6.547	4.095
41	0.40	1.224	-1.033	-2.112	-2.069	-1.441	-0.919	-0.994	-1.739	-2.819	-3.690
51	0.50	-3.899	-3.308	-2.171	-1.017	-0.413	-0.708	-1.882	-3.542	-5.070	-5.860
61	0.60	-5.532	-4.075	-1.845	0.561	2.498	3.487	3.369	2.234	0.540	-1.260
71	0.70	-2.791	-3.898	-4.659	-5.281	-5.941	-6.644	-7.160	-7.113	-6.152	-4.161
81	0.80	-1.384	1.595	4.029	5.277	5.047	3.508	1.217	-1.106	-2.852	-3.736
91	0.90	-3.848	-3.538	-3.203	-3.072	-3.114	-3.083	-2.690	-1.792	-0.508	0.794
101	1.00	1.643	1.669	0.765	-0.858	-2.750	-4.397	-5.407	-5.630	-5.177	-4.327
111	1.10	-3.385	-2.565	-1.927	-1.410	-0.915	-0.397	0.088	0.404	0.417	0.086
121	1.20	-0.470	-0.990	-1.159	-0.739	0.311	1.783	3.279	4.340	4.618	4.092
131	1.30	2.655	0.932	-0.769	-2.167	-3.183	-3.924	-4.572	-5.233	-5.861	-6.156
141	1.40	-5.858	-4.727	-2.753	-0.190	2.521	4.894	6.552	7.301	7.112	6.033
151	1.50	4.109	1.360	-2.143	-6.156	-10.173	-13.455	-15.213	-14.873	-12.341	-8.108
161	1.60	-3.146	1.397	4.579	5.982	5.813	4.771	3.392	3.396	4.051	5.531
171	1.70	7.369	9.034	10.152	10.593	10.424	9.770	8.687	7.121	4.968	2.199
181	1.80	-1.037	-4.383	-7.562	-9.515	-10.546	-10.401	-9.244	-7.383	-5.161	-2.895
191	1.90	-0.863	0.784	1.836	2.247	2.114	1.703	1.414	1.645	2.604	4.155
201	2.00	5.789	6.766	6.404	4.401	1.037	-2.832	-6.044	-7.545	-6.803	-4.029
211	2.10	-0.116	3.694	6.277	7.034	6.070	4.087	2.042	0.738	0.528	1.241
221	2.20	2.359	3.314	3.775	3.774	3.622	3.678	4.093	4.680	4.970	4.443
231	2.30	2.824	0.288	-2.512	-4.647	-5.246	-5.834	-0.530	3.969	8.619	12.377
241	2.40	14.528	14.879	13.755	11.819	9.794	8.188	7.128	6.337	5.259	3.288
251	2.50	0.032	-4.488	-9.735	-14.730	-18.265	-19.235	-16.991	-11.605	-3.957	4.424
261	2.60	11.716	16.293	17.159	14.221	8.287	0.816	-6.498	-12.148	-15.127	-15.032
271	2.70	-12.013	-6.610	0.397	8.075	15.366	21.124	24.224	23.770	19.374	11.377
281	2.80	0.913	-10.270	-20.208	-27.207	-30.264	-29.265	-24.919	-18.446	-11.190	-4.273
291	2.90	1.590	6.095	9.244	11.207	12.228	12.574	12.512	12.250	11.845	11.118
301	3.00	9.641	6.868	2.392	-3.763	-10.959	-18.002	-23.459	-26.154	-25.638	-22.421
311	3.10	-17.839	-13.571	-11.011	-10.725	-12.246	-14.284	-15.258	-13.939	-9.925	-3.787
321	3.20	3.156	9.312	13.318	14.415	12.563	8.333	2.680	-3.315	-8.644	-12.507
331	3.30	-14.423	-14.314	-12.558	-9.951	-7.515	-6.183	-6.430	-8.017	-9.965	-10.848
341	3.40	-9.296	-4.550	3.171	12.657	22.053	29.448	33.457	33.589	30.272	24.571
351	3.50	17.755	10.909	4.738	-0.412	-4.407	-7.163	-8.605	-8.732	-7.740	-6.080
361	3.60	-4.366	-3.143	-2.634	-2.559	-2.188	-0.621	3.793	8.071	14.416	20.345
371	3.70	24.096	24.191	19.954	11.805	1.234	-9.552	-18.181	-22.729	-22.198	-16.757
381	3.80	-7.674	3.022	13.055	20.464	24.051	23.612	19.897	14.325	8.539	3.946
391	3.90	1.362	0.863	1.845	3.264	3.963	2.990	-0.156	-5.394	-12.050	-18.952
401	4.00	-24.627	-27.569	-26.565	-21.005	-11.105	2.023	16.527	30.164	40.774	46.752
411	4.10	47.369	42.869	34.318	23.267	11.356	-0.020	-9.912	-17.837	-23.674	-27.497
421	4.20	-29.410	-29.454	-27.584	-23.736	-17.942	-10.454	-1.840	7.011	14.993	20.999
431	4.30	24.199	24.290	21.610	17.069	11.872	7.145	3.587	1.306	-0.106	-1.286
441	4.40	-2.730	-4.535	-6.362	-7.651	-7.983	-7.393	-6.461	-6.106	-7.161	-9.917
451	4.50	-13.852	-17.711	-19.919	-19.168	-14.941	-7.756	0.982	9.436	15.910	19.327
461	4.60	19.424	16.659	11.913	6.146	0.164	-5.460	-10.334	-14.162	-16.717	-17.884
471	4.70	-17.755	-16.656	-15.086	-13.535	-12.273	-11.207	-9.911	-7.816	-4.507	0.011
481	4.80	5.203	10.112	13.642	14.911	13.522	9.672	4.063	-2.331	-8.518	-13.693
491	4.90	-17.326	-19.157	-19.148	-17.436	-14.327	-10.301	-5.991	-2.106	0.709	2.039

Table 7—45—2

TABLE OF CORRECTED ACCELERATION RECORD NO. 2

INDEX NO. 1192 605-DA-2-1 HB. (HB.) SUSOBANA DAM MAX. ACC. = 47.369 (GAL) T= 4.11 (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	1.817	0.354	-1.756	-3.815	-5.230	-5.677	-5.159	-3.969	-2.549	-1.342
511	5.10	-0.646	-0.537	-0.869	-1.331	-1.556	-1.250	-0.310	1.106	2.573	3.487
521	5.20	3.239	1.430	-1.930	-6.322	-10.780	-14.106	-15.203	-13.435	-8.850	-2.227
531	5.30	5.110	11.655	16.144	17.892	16.957	14.055	10.302	6.840	4.506	3.629
541	5.40	4.007	5.055	6.043	6.349	5.632	3.897	1.435	-1.303	-3.851	-5.837
551	5.50	-7.030	-7.324	-6.691	-5.134	-2.688	0.557	4.390	8.440	12.180	15.005
561	5.60	16.366	15.919	13.659	9.932	5.368	0.718	-3.364	-6.388	-8.296	-9.221
571	5.70	-9.481	-9.388	-9.130	-8.727	-8.071	-7.020	-5.505	-3.588	-1.453	0.650
581	5.80	2.502	3.982	5.086	5.898	6.521	7.023	7.399	7.592	7.528	7.168
591	5.90	6.528	5.672	4.682	3.616	2.500	1.339	0.157	-0.970	-1.908	-2.496
601	6.00	-2.609	-2.222	-1.437	-0.460	0.472	1.188	1.645	1.942	2.255	2.738
611	6.10	3.622	4.174	4.742	4.860	4.377	3.349	2.032	0.793	-0.044	-0.323
621	6.20	-0.122	0.304	0.647	0.704	0.467	0.122	-0.059	0.127	0.691	1.422
631	6.30	1.971	2.007	1.381	0.204	-1.188	-2.370	-3.013	-3.016	-2.539	-1.918
641	6.40	-1.513	-1.540	-1.990	-2.635	-3.130	-3.154	-2.526	-1.257	0.471	2.383
651	6.50	4.194	5.680	6.704	7.221	7.255	6.873	6.159	5.189	4.008	2.618
661	6.60	0.993	-0.877	-2.916	-4.909	-6.483	-7.182	-6.597	-4.542	-1.189	2.901
671	6.70	6.888	9.874	11.182	10.565	8.289	5.028	1.642	-1.114	-2.798	-3.375
681	6.80	-3.139	-2.538	-1.968	-1.630	-1.492	-1.363	-1.023	-0.346	0.640	1.768
691	6.90	2.810	3.565	3.928	3.906	3.582	3.088	2.455	1.801	1.137	0.492
701	7.00	-0.098	-0.594	-0.987	-1.314	-1.669	-2.165	-2.882	-3.796	-4.750	-5.472
711	7.10	-5.647	-5.037	-3.582	-1.459	0.961	3.113	4.587	5.065	4.506	3.122
721	7.20	1.289	-0.583	-2.176	-3.331	-4.055	-4.456	-4.663	-4.765	-4.784	-4.707
731	7.30	-4.524	-4.261	-3.982	-3.756	-3.611	-3.511	-3.371	-3.103	-2.689	-2.221
741	7.40	-1.900	-1.976	-2.658	-4.026	-5.981	-8.261	-10.502	-12.330	-13.448	-13.681
751	7.50	-12.992	-11.467	-9.277	-6.658	-3.879	-1.214	1.086	2.840	3.968	4.500
761	7.60	4.560	4.306	3.869	3.303	2.570	1.573	0.219	-1.513	-3.532	-5.630
771	7.70	-7.527	-8.932	-9.607	-9.410	-8.318	-6.423	-4.233	-1.099	1.711	4.165
781	7.80	5.979	6.994	7.234	6.911	6.377	6.026	6.167	6.922	8.183	9.636
791	7.90	10.866	11.474	11.195	9.962	7.906	5.312	2.545	-0.014	-2.032	-3.253
801	8.00	-3.531	-2.852	-1.346	0.717	2.971	5.020	6.540	7.353	7.474	7.085
811	8.10	6.453	5.825	5.328	4.935	4.490	3.794	2.711	1.251	-0.417	-2.007
821	8.20	-3.215	-3.822	-3.765	-3.151	-2.210	-1.217	-0.399	0.116	0.319	0.295
831	8.30	0.171	0.068	0.063	0.176	0.369	0.569	0.799	0.596	0.228	-0.184
841	8.40	-1.552	-2.912	-4.424	-5.887	-7.069	-7.769	-7.861	-7.333	-6.283	-4.886
851	8.50	-3.339	-1.798	-0.348	0.995	2.248	3.409	4.418	5.142	5.414	5.093
861	8.60	4.131	2.616	0.766	-1.121	-2.744	-3.874	-4.404	-4.351	-3.822	-2.961
871	8.70	-1.903	-0.753	0.408	1.513	2.488	3.261	3.779	4.036	4.086	4.016
881	8.80	3.924	3.863	3.811	3.668	3.297	2.577	1.664	0.017	-1.604	-3.186
891	8.90	-4.514	-5.426	-5.834	-5.724	-5.139	-4.157	-2.883	-1.443	0.019	1.347
901	9.00	2.409	3.122	3.486	3.574	3.512	3.412	3.317	3.171	2.831	2.129
911	9.10	0.952	-0.680	-2.578	-4.413	-5.792	-6.366	-6.935	-6.515	-5.339	-3.186
921	9.20	2.578	4.390	5.303	5.195	4.156	2.458	0.477	-1.400	-2.866	-3.767
931	9.30	-4.117	-4.072	-3.859	-3.685	-3.676	-3.833	-4.057	-4.202	-4.141	-3.819
941	9.40	-3.287	-2.581	-1.877	-1.242	-0.714	-0.290	0.047	0.295	0.421	0.366
951	9.50	0.085	-0.426	-1.106	-1.839	-2.490	-2.941	-3.130	-3.050	-2.740	-2.256
961	9.60	-1.644	-0.938	-0.169	0.609	1.310	1.822	2.037	1.893	1.406	0.683
971	9.70	-0.106	-0.772	-1.163	-1.205	-0.911	-0.562	0.327	1.052	1.744	2.371
981	9.80	2.925	3.401	3.782	4.044	4.161	4.132	3.982	3.767	3.552	3.391
991	9.90	3.310	3.304	3.345	3.402	3.465	3.543	3.663	3.852	4.109	4.404

Table 7—45—3 TABLE OF CORRECTED ACCELERATION RECORD NO. 3

INDEX NO. 1192 605-DA-2-1 HB. (HB.) SUSOBANA DAM MAX. ACC. = 47.369 (GAL) T= 4.11 (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	4.677	4.863	4.910	4.806	4.575	4.268	3.931	3.588	3.229	2.821
1011	10.10	2.335	1.767	1.151	0.556	0.053	-0.307	-0.520	-0.622	-0.664	-0.680
1021	10.20	-0.661	-0.561	-0.326	0.064	0.553	1.009	1.258	1.153	0.642	-0.189
1031	10.30	-1.137	-1.943	-2.388	-2.377	-1.973	-1.367	-0.791	-0.429	-0.338	-0.440
1041	10.40	-0.571	-0.568	-0.353	0.030	0.434	0.676	0.629	0.232	-0.415	-1.188
1051	10.50	-1.959	-2.670	-3.539	-4.036	-4.819	-5.672	-6.488	-7.094	-7.318	-7.059
1061	10.60	-6.333	-5.266	-4.066	-2.850	-1.787	-0.878	-0.084	0.645	1.312	1.854
1071	10.70	2.186	2.148	1.768	1.089	0.255	-0.553	-1.190	-1.593	-1.794	-1.889
1081	10.80	-1.977	-2.105	-2.244	-2.305	-2.185	-1.830	-1.264	-0.585	0.075	0.611
1091	10.90	0.987	1.243	1.461	1.705	1.968	2.158	2.129	1.749	0.973	-0.112
1101	11.00	-1.300	-2.328	-2.978	-3.169	-2.892	-2.377	-1.809	-1.336	-0.986	-0.666
1111	11.10	-0.222	0.476	1.448	2.576	3.660	4.394	4.662	4.401	3.705	2.765
1121	11.20	1.786	0.919	0.232	-0.281	-0.660	-0.933	-1.097	-1.130	-1.020	-0.798
1131	11.30	-0.541	-0.344	-0.273	-0.324	-0.411	-0.396	-0.345	0.408	1.224	2.169
1141	11.40	3.053	3.700	4.001	3.935	3.555	2.957	2.235	1.454	0.665	-0.093
1151	11.50	-0.776	-1.330	-1.708	-1.887	-1.883	-1.745	-1.536	-1.297	-1.034	-0.714
1161	11.60	-0.298	0.229	0.828	1.400	1.818	1.966	1.789	1.316	0.656	-0.037
1171	11.70	-0.615	-0.979	-1.101	-1.021	-0.820	-0.586	-0.373	-0.209	-0.075	0.064
1181	11.80	0.238	0.454	0.686	0.887	1.002	0.996	0.864	0.640	0.385	0.162
1191	11.90	0.009	-0.069	-0.105	-0.144	-0.215	-0.315	-0.403	-0.422	-0.331	-0.139
1201	12.00	0.091	0.263	0.294	0.156	-0.095	-0.338	-0.429	-0.268	0.151	0.736
1211	12.10	1.325	1.747	1.890	1.731	1.335	0.810	0.260	-0.252	-0.708	-1.119
1221	12.20	-1.487	-1.795	-2.005	-2.095	-2.081	-2.027	-2.024	-2.142	-2.382	-2.657
1231	12.30	-2.814	-2.696	-2.203	-1.359	-0.298	0.772	1.664	2.179	2.345	2.203
1241	12.40	1.861	1.418	0.928	0.395	-0.201	-0.861	-1.548	-2.178	-2.651	-2.886
1251	12.50	-2.868	-2.560	-2.095	-1.565	-1.002	-0.542	-0.219	-0.065	-0.092	-0.288
1261	12.60	-0.608	-0.982	-1.323	-1.550	-1.613	-1.506	-1.270	-0.972	-0.691	-0.488
1271	12.70	-0.410	-0.478	-0.701	-1.067	-1.540	-2.049	-2.488	-2.733	-2.679	-2.280
1281	12.80	-1.574	-0.680	0.237	1.028	1.607	1.974	2.195	2.352	2.485	2.564
1291	12.90	2.501	2.203	1.633	0.858	0.042	-0.605	-0.906	-0.786	-0.304	0.383
1301	13.00	1.075	1.611	1.917	2.007	1.951	1.825	1.675	1.516	1.353	1.212
1311	13.10	1.160	1.275	1.609	2.136	2.734	3.213	3.380	3.125	2.467	1.562
1321	13.20	0.644	-0.060	-0.413	-0.409	-0.152	0.202	0.527	0.774	0.978	1.221
1331	13.30	1.567	2.015	2.489	2.859	3.001	2.840	2.383	1.702	0.898	0.065
1341	13.40	-0.741	-1.490	-2.165	-2.731	-3.127	-3.283	-3.251	-2.942	-2.126	-1.434
1351	13.50	-0.804	-0.342	-0.085	-0.000	-0.009	-0.034	-0.041	-0.053	-0.137	-0.364
1361	13.60	-0.769	-1.320	-1.924	-2.458	-2.817	-2.955	-2.902	-2.742	-2.575	-2.466
1371	13.70	-2.414	-2.355	-2.190	-1.840	-1.287	-0.591	0.128	0.742	1.158	1.362
1381	13.80	1.408	1.385	1.363	1.353	1.296	1.089	0.662	0.013	-0.760	-1.479
1391	13.90	-1.951	-2.042	-1.730	-1.114	-0.377	0.291	0.754	0.974	0.996	0.909
1401	14.00	0.788	0.666	0.530	0.351	0.117	-0.142	-0.373	-0.528	-0.605	-0.662
1411	14.10	-0.791	-1.069	-1.502	-1.992	-2.364	-2.423	-2.041	-1.219	-0.096	1.091
1421	14.20	2.091	2.728	2.947	2.818	2.486	2.106	1.784	1.560	1.422	1.359
1431	14.30	1.296	1.301	1.368	1.492	1.627	1.690	1.591	1.273	0.744	0.085
1441	14.40	-0.571	-1.082	-1.336	-1.290	-0.972	-0.471	0.092	0.591	0.923	1.026
1451	14.50	0.889	0.563	0.155	-0.193	-0.337	-0.174	0.320	1.069	1.911	2.641
1461	14.60	3.075	3.103	2.727	2.069	1.244	0.494	-0.056	-0.333	-0.338	-0.132
1471	14.70	0.197	0.554	0.854	1.032	1.045	0.885	0.581	0.206	-0.131	-0.309
1481	14.80	-0.228	0.155	0.805	1.624	2.447	3.117	3.515	3.594	3.389	3.001
1491	14.90	2.562	2.196	1.988	1.964	2.095	2.306	2.502	2.594	2.514	2.239

Table 7—45—4 TABLE OF CORRECTED ACCELERATION RECORD NO. 4

INDEX NO. 1192 605-DA-2-1 HB. (HB.) SUSOBANA DAM MAX. ACC. = 47.369 (GAL) T= 4.11 (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	1.785	1.212	0.606	0.065	-0.321	-0.491	-0.425	-0.148	0.272	0.738
1511	15.10	1.147	1.408	1.467	1.313	0.977	0.518	0.002	-0.519	-1.018	-1.487
1521	15.20	-1.923	-2.312	-2.612	-2.762	-2.701	-2.406	-1.912	-1.325	-0.796	-0.478
1531	15.30	-0.467	-0.768	-1.286	-1.864	-2.337	-2.601	-2.648	-2.562	-2.482	-2.536
1541	15.40	-2.785	-3.200	-3.677	-4.080	-4.304	-4.306	-4.116	-3.812	-3.472	-3.135
1551	15.50	-2.792	-2.395	-1.891	-1.262	-0.540	0.189	0.819	1.251	1.423	1.314
1561	15.60	0.944	0.354	-0.404	-1.270	-2.173	-3.020	-3.702	-4.108	-4.153	-3.809
1571	15.70	-3.122	-2.210	-1.241	-0.391	0.203	0.474	0.442	0.201	-0.110	-0.353
1581	15.80	-0.438	-0.367	-0.141	0.063	0.138	-0.001	-0.345	-0.790	-1.163	-1.290
1591	15.90	-1.064	-0.508	0.224	0.896	1.285	1.270	0.893	0.343	-0.127	-0.314
1601	16.00	-0.163	0.204	0.540	0.593	0.231	-0.479	-1.290	-1.879	-1.995	-1.579
1611	16.10	-0.800	0.014	0.517	0.502	-0.018	-0.816	-1.567	-1.995	-1.991	-1.664
1621	16.20	-1.181	-0.840	-0.748	-0.874	-1.051	-1.083	-0.856	-0.397	-0.125	0.493
1631	16.30	0.542	0.240	-0.299	-0.875	-1.287	-1.422	-1.279	-0.949	-0.556	-0.191
1641	16.40	0.100	0.319	0.472	0.560	0.480	0.251	-0.143	-0.631	-1.085	-1.367
1651	16.50	-1.388	-1.141	-0.702	-0.185	0.318	0.772	1.200	1.643	2.109	2.539
1661	16.60	2.821	2.850	2.596	2.151	1.707	1.485	1.632	2.141	2.836	3.434
1671	16.70	3.662	3.374	2.613	1.591	0.597	-0.115	-0.423	-0.360	-0.069	0.282
1681	16.80	0.580	0.806	1.013	1.265	1.578	1.895	2.105	2.103	1.843	1.372
1691	16.90	0.805	0.275	-0.127	-0.385	-0.549	-0.690	-0.850	-1.008	-1.094	-1.028
1701	17.00	-0.778	-0.384	0.046	0.385	0.554	0.555	0.479	0.450	0.566	0.835
1711	17.10	1.168	1.418	1.448	1.201	0.737	0.200	-0.245	-0.494	-0.554	-0.543
1721	17.20	-0.623	-0.912	-1.413	-1.992	-2.422	-2.479	-2.042	-1.157	-0.027	1.059
1731	17.30	1.839	2.176	2.107	1.814	1.539	1.482	1.711	2.165	2.593	2.840
1741	17.40	2.742	2.284	1.585	0.844	0.260	-0.044	-0.066	0.095	0.280	0.554
1751	17.50	0.253	0.017	-0.235	-0.357	-0.240	0.135	0.495	1.290	1.757	1.978
1761	17.60	1.920	1.645	1.276	0.945	0.741	0.678	0.704	0.737	0.718	0.650
1771	17.70	0.604	0.687	0.988	1.520	2.199	2.859	3.310	3.413	3.134	2.557
1781	17.80	1.855	1.220	0.795	0.625	0.659	0.782	0.877	0.869	0.753	0.574
1791	17.90	0.401	0.289	0.255	0.286	0.367	0.411	0.459	0.490	0.508	0.515
1801	18.00	0.511	0.497	0.487	0.494	0.532	0.592	0.663	0.660	0.550	0.380
1811	18.10	0.188	0.073	0.125	0.379	0.780	1.183	1.406	1.301	0.827	0.080
1821	18.20	-0.733	-1.371	-1.646	-1.496	-1.004	-0.351	0.257	0.672	0.855	0.862
1831	18.30	0.808	0.795	0.873	1.018	1.160	1.228	1.177	1.021	0.805	0.585
1841	18.40	0.400	0.257	0.160	0.024	-0.106	-0.245	-0.375	-0.478	-0.542	-0.586
1851	18.50	-0.613	-0.644	-0.687	-0.744	-0.811	-0.885	-0.966	-1.060	-1.168	-1.291
1861	18.60	-1.428	-1.584	-1.773	-2.015	-2.327	-2.707	-3.120	-3.502	-3.770	-3.853
1871	18.70	-3.719	-3.387	-2.930	-2.446	-2.026	-1.728	-1.558	-1.475	-1.429	-1.368
1881	18.80	-1.271	-1.145	-1.017	-0.912	-0.846	-0.815	-0.811	-0.840	-0.930	-1.127
1891	18.90	-1.478	-1.993	-2.628	-3.272	-3.777	-4.003	-3.872	-3.409	-2.744	-2.071
1901	19.00	-1.585	-1.407	-1.544	-1.895	-2.294	-2.589	-2.701	-2.651	-2.561	-2.497
1911	19.10	-2.612	-2.904	-3.326	-3.796	-4.243	-4.631	-4.951	-5.189	-5.299	-5.199
1921	19.20	-4.815	-4.141	-3.289	-2.487	-2.011	-2.073	-2.716	-3.774	-4.922	-5.804
1931	19.30	-6.190	-6.073	-5.671	-5.316	-5.291	-5.690	-6.376	-7.055	-7.432	-7.366
1941	19.40	-6.936	-6.394	-6.013	-5.917	-5.987	-5.892	-5.247	-3.803	-1.602	1.005

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26) 佐々木，栄原，相沢，吉見：強震観測情報データベース，土木技術資料 Vol. 29－9，昭和62年9月。

謝　辞

本資料に収録された強震記録は，付録－1 強震観測網の現状において掲げる機関・事務所等で管理している強震計で得られたものであり，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。

付録－1　強震観測網の現況

昭和62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291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162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）	165	123（242）	29（365）	13（53）
河川施設（堤防，堰，水門）	36	25（50）	5（37）	6（14）
ダム施設	84	24（53）	32（255）	28（59）
下水道施設（管渠，処理場）	6	6（13）	0	0
合計	291	178（358）	66（657）	47（126）

Table A1—2　道路施設への強震計設置状況（機関別）

昭和162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	42	29（56）	7（69）	6（27）
北海道開発局	25	19（40）	5（33）	1（2）
沖縄総合事務局	0	0	0	0
日本道路公団	29	16（30）	7（132）	6（24）
首都高速道路公団	12	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	12	7（7）	5（85）	0
都道府県	42	40（81）	2（16）	0
合計	165	123（242）	29（365）	13（53）

Table A1—3　河川施設への強震計設置状況（機関別）

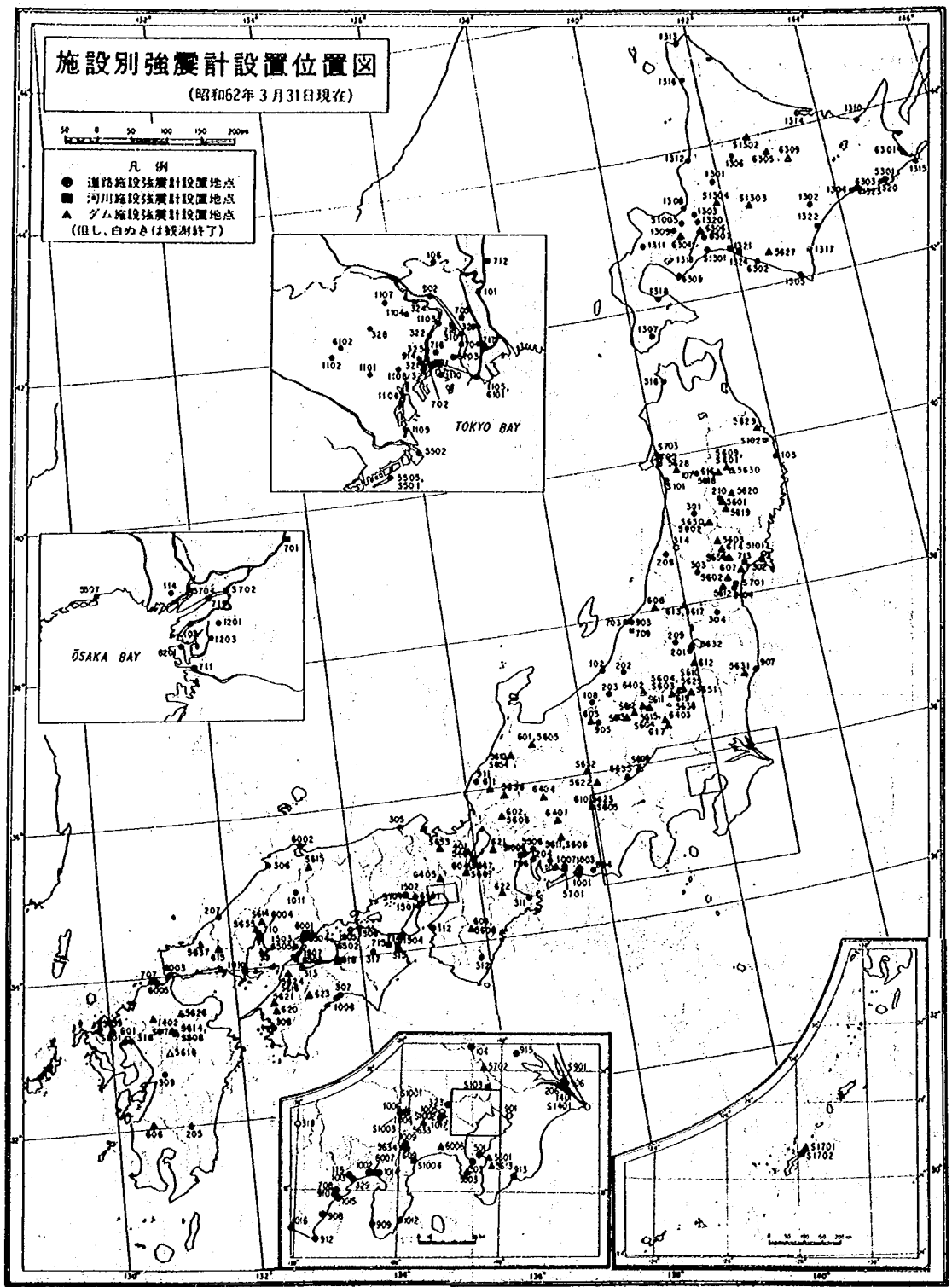
昭和62年3月31日現在

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	21	14（29）	4（28）	3（7）
北海道開発局	4	4（7）	0	0
水資源開発公団	2	1（2）	0	1（2）
都道府県	9	6（12）	1（9）	2（5）
合計	36	25（50）	5（37）	6（14）

Table A1—4　ダム施設への強震計設置状況（機関別）

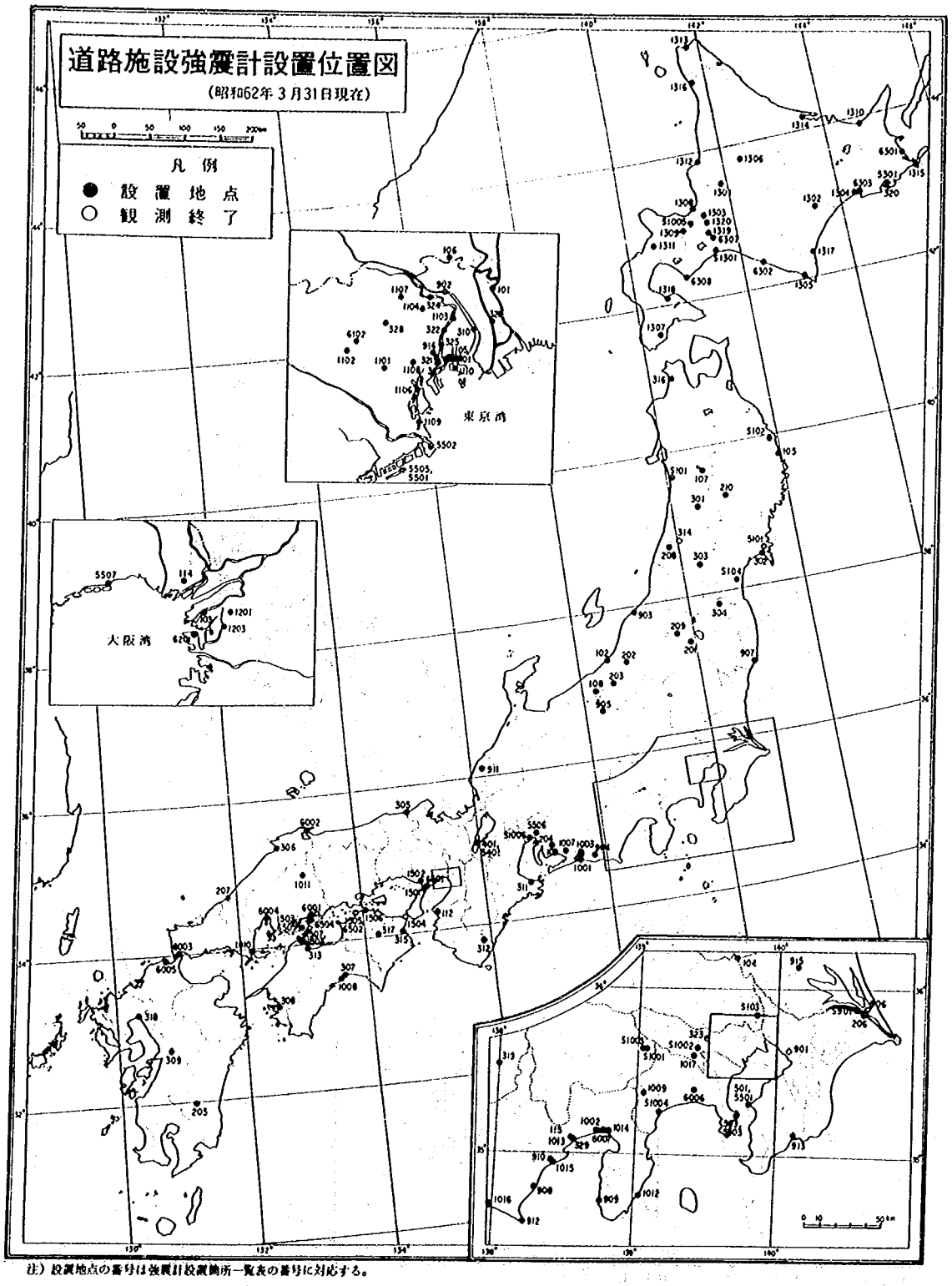
昭和62年3月31日現在

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	54	15（34）	21（176）	18（43）
北海道開発局	3	0	0	3（3）
沖縄総合事務局	2	0	0	2（3）
水資源開発公団	1	1（2）	0	0
都道府県	24	8（17）	11（79）	5（10）
合計	84	24（53）	32（255）	28（59）



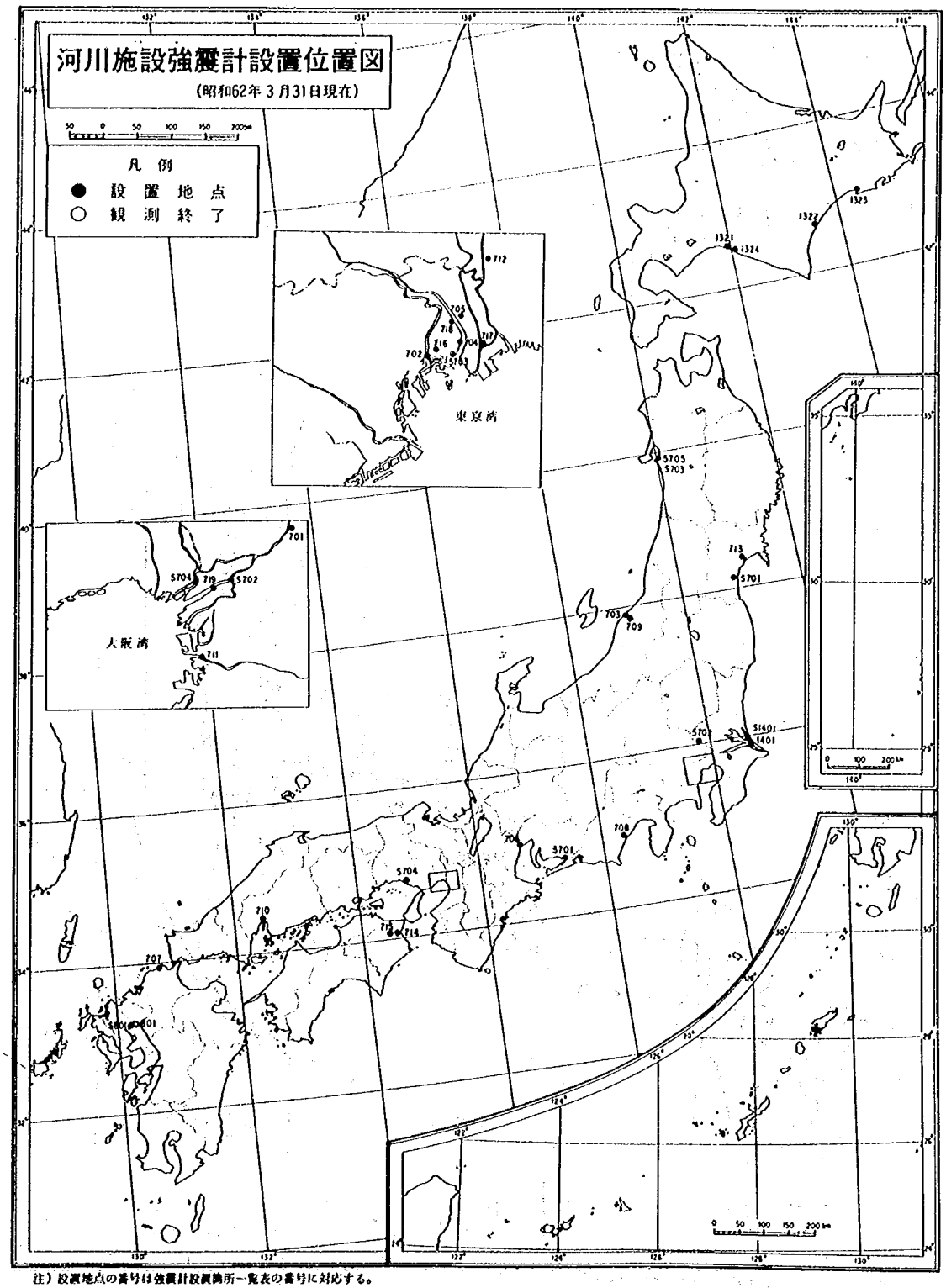
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—1　施設別強震計設置位置図（昭和62年３月31日現在）



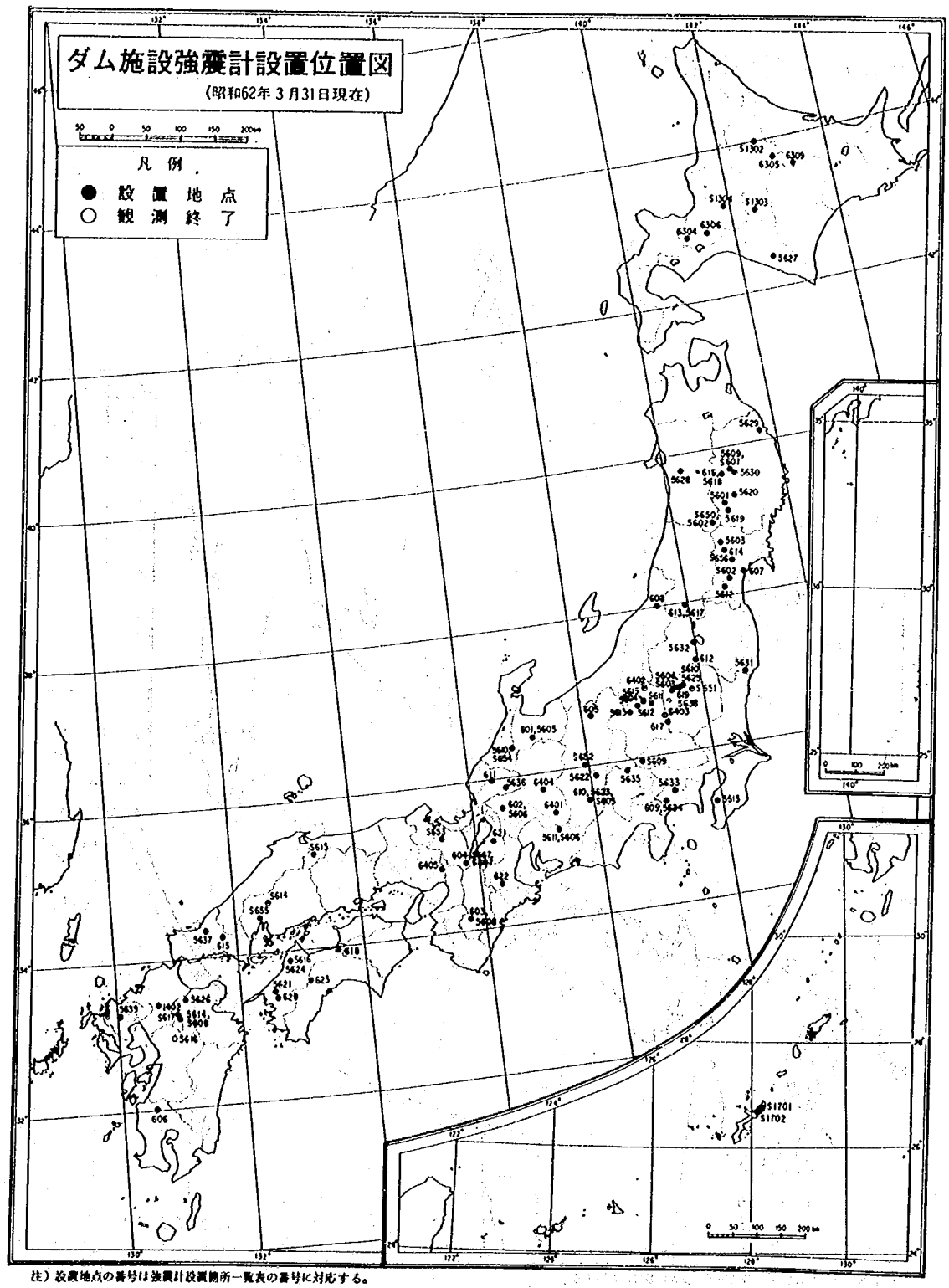
注) 設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—2　道路施設強震計設置位置図 (昭和62年3月31日現在)



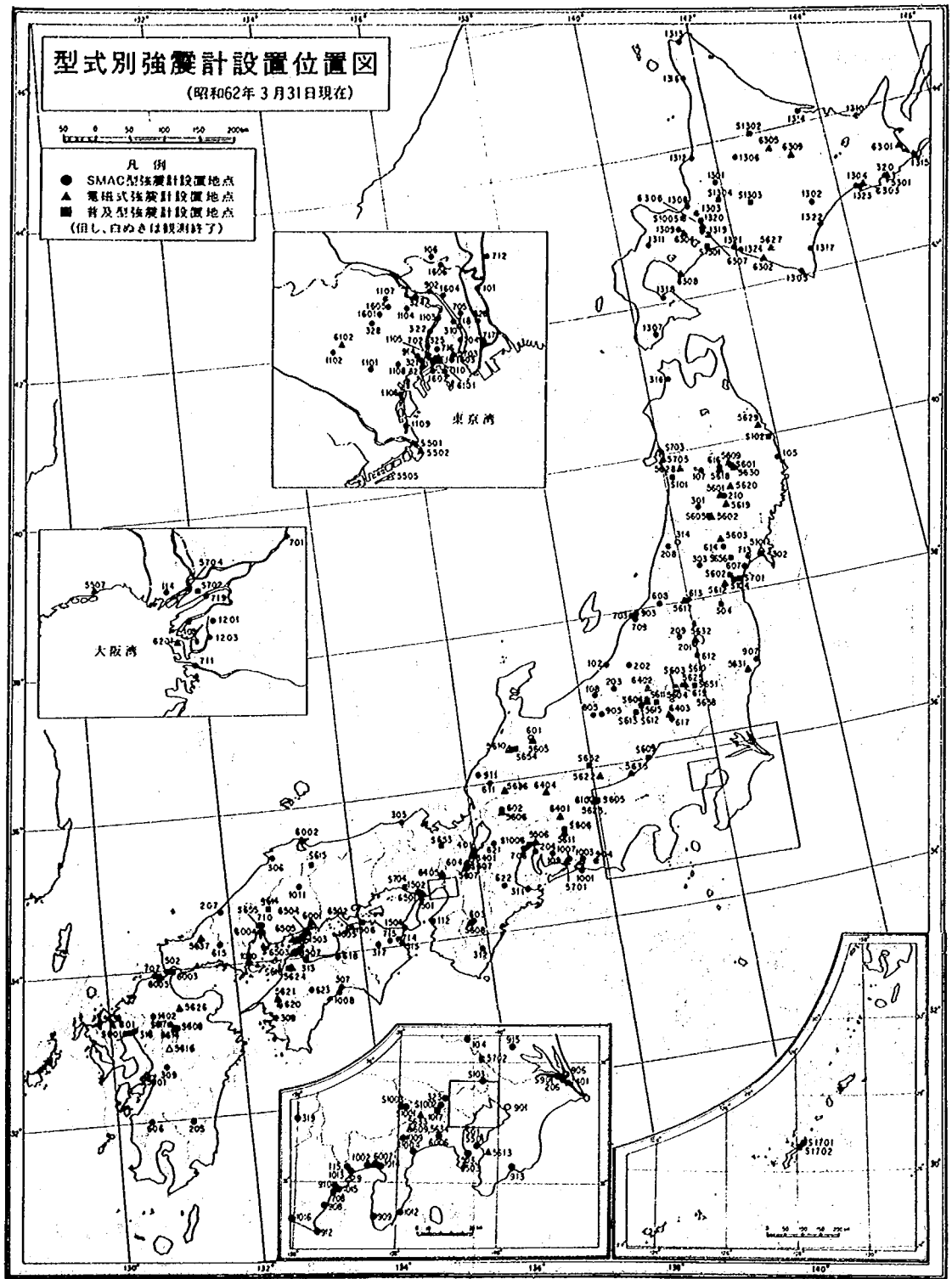
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—3　河川施設強震計設置位置図（昭和62年３月31日現在）



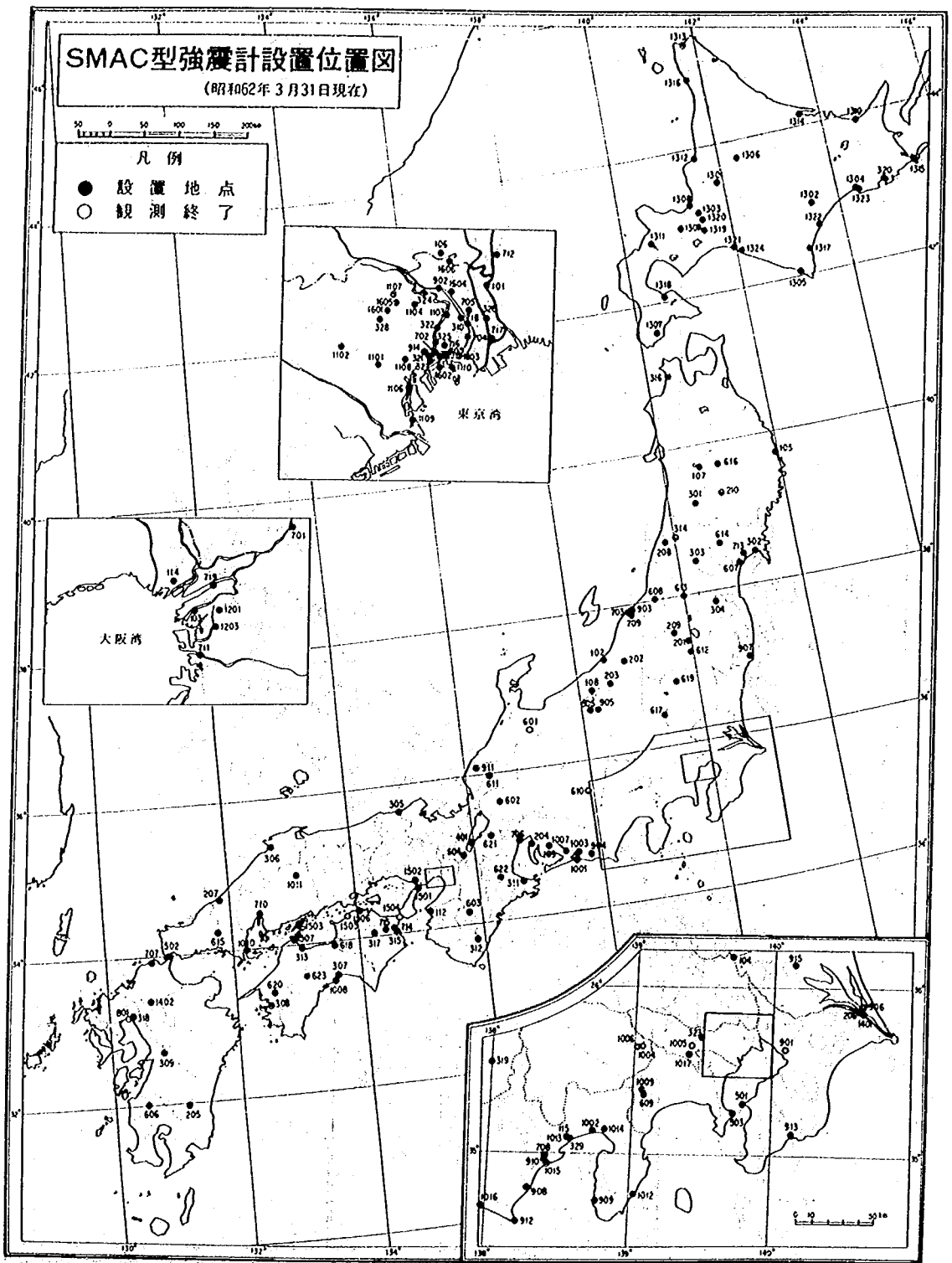
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—4　ダム施設強震計設置位置図（昭和62年3月31日現在）



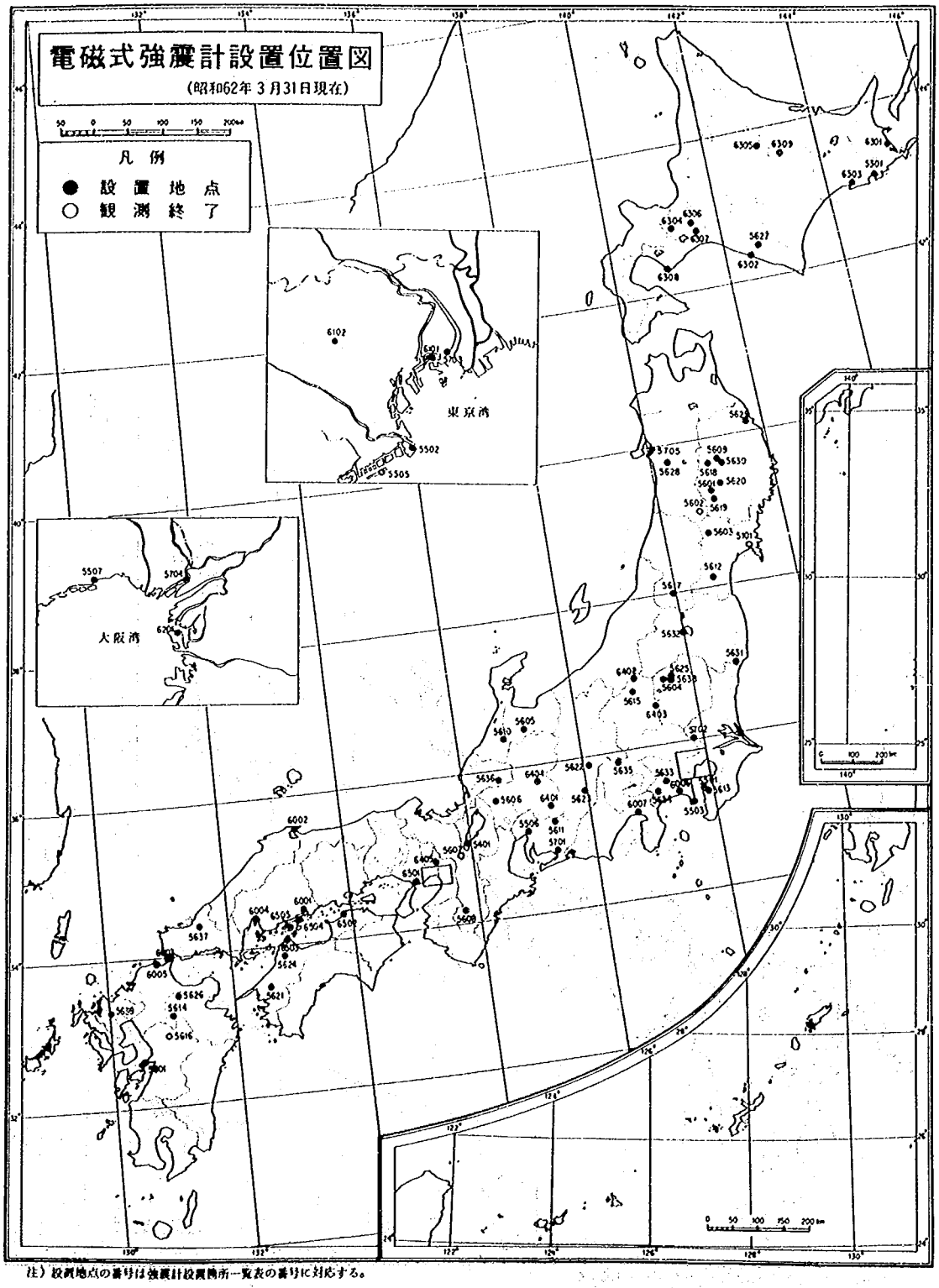
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—5 型式別強震計設置位置図（昭和62年３月31日現在）



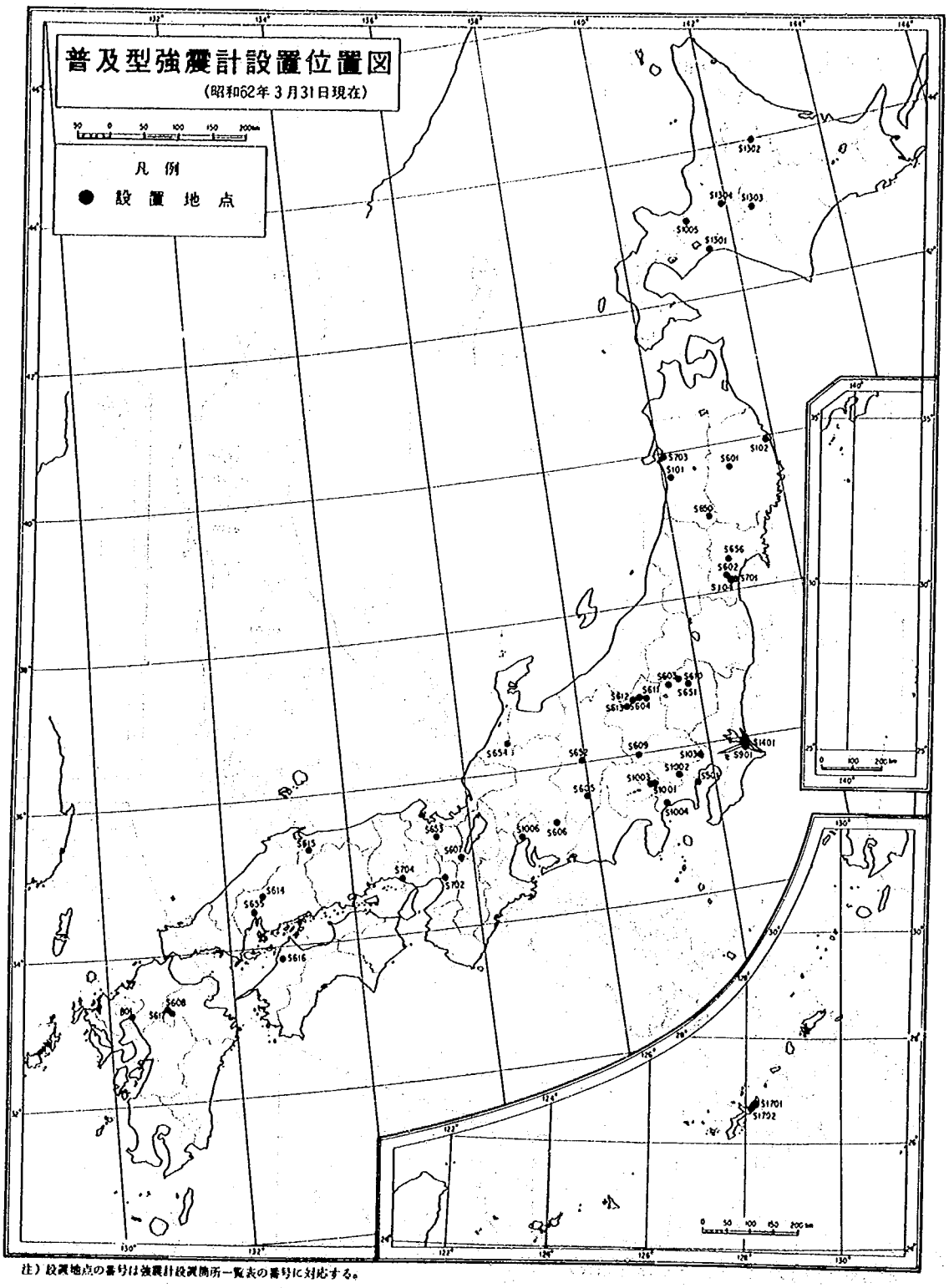
注）設置地点の番号は強震計設置箇所一覧表の番号に対応する。

Figure A1—6　SMAC 型強震計設置位置図（昭和62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。

Figure A1—7　電磁式強震計設置位置図（昭和62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。

Figure A1—8　普及型強震計設置位置図（昭和62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62年3月31日現在

No.	観測所名	型式	台数	設置場所	県名	維持管理	設置年月
	1. 国道第一課						
101	新島跨道橋	B 2	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	妙法川大橋	〃	3	地盤・橋脚(2)	大阪	大阪国道	38－3
104	新月根川橋	〃	2	地盤・橋脚	鳥取	宇部宮国道	42－2
105	真崎大橋	E 2	2	〃	岩手	三陸国道	46－2
106	早加高架橋	B 2	2	〃	鳥取	大宮国道	43－2
107	宝泉橋	Q	3	地盤・橋脚・1下	秋田	秋田工事	51－3
108	妙高大橋	E 2	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	尾ノ川大橋	B 2	2	地盤・橋脚	和歌山	和歌山工事	42－3
113	羊和橋	〃	2	地盤・橋脚	岩手	北上工事	42－3
114	尾崎高架橋	Q	2	地盤・橋脚	兵庫	兵庫国道	55－4
115	山北地区	〃	1	地盤	静岡	静岡国道	55－3
	2. 国道第二課						
201	小谷橋	B 2	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	城倉沢橋	〃	2	〃	長野	飯山建設	40－3
204	新八橋橋	〃	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	E 2	2	〃	千葉	古版土木	48－3
207	高津大橋	B 2	2	〃	島根	益田工事	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	鎌里橋	B 2	2	地盤・橋脚	秋田	横手土木	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	40-3,50-10
304	伊達橋	B 2	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	五右山橋	〃	2	〃	高知	高知土木	41－3
308	萩島橋	〃	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	石鎚橋	〃	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	江賀大橋	D	2	〃	香川	五所川原土木	45－3
317	鯛浦大橋	B 2	2	〃	徳島	川島土木	42－3
318	新田大橋	E 2	2	〃	福岡	勝川土木	48－3
319	四徳大橋	B 2	2	〃	長野	飯田建設	41－12
320	厚岸大橋	E 2	2	〃	北海道	釧路土木	45－10
321	鶴大橋	〃	3	地盤・橋脚(2)	東京	東京都土研	50－3
322	鹿橋	〃	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	鶯明橋	〃	2	〃	〃	〃	51－3
328	高円寺陸橋	〃	2	〃	〃	〃	〃
329	山北地区	Q	1	地盤	静岡	知事公室	55－4
	4. 有料道路課						
401	琵琶湖大橋	B 2	1	橋脚	滋賀	管理所	39－9
	5. 道路企画課						
501	東京湾(仮称)	B 2	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(横断橋)	〃	1	地盤	神奈川	東京湾岸道路	42－3

No.	観測所名	型式	台数	設置場所	県名	維持管理	設置年月
	6. 開発課						
601	宇牧ダム	B 2	2	(S59 観測終了)	宮城	管理所	36－8
602	鳴山ダム	B2,Q,Q	3	地盤(2)・堤頂	岐阜	〃	38－8
603	湯谷ダム	A	1	地盤	奈良	〃	(〃) 32－3
604	大ヶ瀬ダム	B 2	1	堤頂	宮崎	〃	(〃) 39－2
605	鹿花ダム	DB2,Q	3	地盤・堤頂(2)	長野	〃	〃 44
606	鳥田ダム	D	2	地盤・堤頂	鹿児島	〃	〃 43－11
607	湯水ダム	E 2	2	堤体(頂・底)	宮城	〃	〃 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	〃	〃 51－3
610	小屋ダム	B 2	2	(S56 観測終了)	長野	〃	〃 43－12
611	真名川ダム	E 2	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	津武ダム	〃	2	〃	宮城	〃	〃 55－3
615	鳥地川ダム	〃	2	地盤・堤頂	山口	山口工事(〃)	56－2
616	鯵所ダム	〃	2	堤体(頂・底)	岩手	管理所(〃)	55－11
617	桐生川ダム	E 2	2	〃	群馬	桐生土木(〃)	57－3
618	奥滝ダム	記2,Q	2	堤体(頂・中)	愛媛	管理所(〃)	57-2,57-8
619	川治ダム	Q	3	地盤・堤頂・堤体	栃木	〃 (〃)	55－11
620	野井ダム	〃	3	堤体(頂・底(2))	愛媛	〃 (〃)	57－3
621	宇曽川ダム	〃	2	堤体(頂・底)	滋賀	〃 (〃)	55－3
622	白ヶ野ダム	E 2	2	〃	三重	〃 (〃)	54－4
623	大森ダム	Q	5		高知	大森ダム工事(〃)	
	7. 治水課						
701	淀川堤防(牧方)	B 2	2	地盤・堤体	大阪	淀川工事	41－10
702	大島川水門	E 2	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	中川護岸	〃	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	〃	3	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	太和川堤防	〃	2	〃	大阪	大和工事	56－1
712	江戸川堤防	〃	2	〃	千葉	江戸川工事	51－4
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	荒幡閘門	E 2	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・B 1 F	〃	〃	51－3
719	淀川堤防(大淀)	Q	2	地盤・堤体	大阪	淀川工事	54-455-4
	8. 海岸課						
801	有明海	B 2	1	(S60. 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	57-348-2
902	西新井橋	B 2	3	地盤・橋脚(2)	東京	〃	〃 37－3
903	駒形大橋	〃	2	地盤・橋脚	新潟	新潟県庁(後)	40－1
904	富士見高川橋	Q, B2	2	〃	静岡	浜松工事(後)	39－12
905	落合橋	B 2	2	〃	長野	長野国道(後)	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	B 2	2	地盤・橋台	福島	磐城国道(後)	43－1
908	朝比奈川橋	Q	2	〃	静岡	藤枝土木(後)	52－3
909	宮見大橋	〃	2	地盤・橋脚	〃	下田土木(後)	53－3
910	緑河大橋	〃	2	〃	〃	静岡国道(後)	53－4
911	福井大橋	〃	2	〃	福井	福井工事(後)	53－11
912	駒前橋	〃	1	地盤	静岡	駒前橋土木(後)	53－9
913	大津跨線橋	〃	3	地盤(2)・橋脚	千葉	鴨川土木(後)	54－11
914	八重洲地下街	〃	3	地下構造物(3)	東京	土木研究所	〃
915	土木研究所	〃	1	B 2 F	茨城	〃	55－8

Table A1—5(2)　SMAC型強震計設置箇所一覧表

昭和62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	兵庫大橋	E2	3	地盤・橋脚・橋台	静岡	静岡管理局	53—2
1002	東名・富士川橋	B2	2	地盤・橋脚	〃	富士管理局	42—3
1003	東名・長篠橋	D	2	〃	〃	静岡管理局	44—3
1004	境川橋	(S60.3観測終了)※に更新			山梨	大月管理局	42—3
1005	比久保橋	〃			東京	八王子管理局	〃
1006	鶴川橋	〃			山梨	大月管理局	〃
1007	東名・豊川橋	B2	2	地盤・橋脚	愛知	豊川管理局	43—3
1008	瀬戸大橋	E2	3	地盤・橋脚(2)	香川	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	厚木管理所	44—3
1010	大島大橋	T	3	橋脚(2)・橋桁	山口	小郡管理局	51—7
1011	笠沢川橋	E2	2	橋台・橋桁	広島	三次管理局	53—8
1012	東伊豆橋取	〃	1	地盤	静岡	東伊豆道路	54—3
1013	山北地区	Q	1	〃	〃	富士管理局	55—3
1014	富士管理事務所	〃	1	〃	〃	〃	56—3
1015	静岡管理事務所	〃	1	〃	静岡	静岡管理局	56—3
1016	袋井管理事務所	〃	1	〃	〃	袋井管理局	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・橋脚	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LC)	B2	2	〃	〃	〃	43—2
1109	1号線(5郎丸第1トンネル)	〃	3	地盤・トンネル(2)	〃	〃	42—7
1110	湾岸線(东川)	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							
13. 北海道開発局							
1301	空知大橋	Q	2	地盤・橋台	空知	岡本島	53—2
1302	千代田大橋	B2	3	地盤・橋脚・橋台	〃	〃	41—11
1303	新石狩大橋	〃	2	地盤・橋脚	石狩	〃	43
1304	大茶七号	〃	2	〃	上川	〃	42—10
1305	幌萌橋	〃	2	〃	旭川	〃	42—12
1306	旭川大橋	〃	2	〃	石狩	〃	44
1307	上野幌	〃	2	〃	札幌	〃	43—12
1308	石狩河口橋	〃	3	地盤・橋脚・橋台	石狩	〃	45—3
1309	無名橋大橋	D	2	地盤・橋脚	石狩	〃	44—10
1310	豊里大橋	D,E2	2	地盤・橋台	胆振	〃	45—10
1311	鵡川橋	D	2	〃	浦河	〃	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	天塩七号橋	〃	2	〃	勇払	〃	47—12
1315	最知第六橋	Q	3	地盤・橋脚・橋台	枝幸	〃	50—11
1316	大塩河口橋	〃	2	地盤・橋台	留萌	〃	50—12
1317	広尾橋	〃	2	〃	十勝	〃	52—3
1318	上島橋	〃	2	地盤・橋脚	真狩	〃	53—3
1319	島松大橋	〃	1	地盤	石狩	〃	54—12
1320	札幌IC高架橋	〃	2	地盤・橋脚	札幌	〃	56—12
1321	胆川堤防	QA	2	地盤・堤体	胆振	室蘭開発建設部	60.10.30
1322	大津漁港	Q	2	地盤・堤体	十勝	北力開発建設部	55—1
1323	銅路川堤防	〃	2	〃	銅路	銅路開発建設部	57—1
1324	沙流川堤防	Q	1	地盤	日高	室蘭開発建設部	60—11
14. 水資源開発公団							
1401	何根川利水ダム	D	2	(S59.観測終了)	千葉	利根川水資源管理所	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	大鳴門橋	QA	1	地盤	兵庫	本四公団	59—6
1502	大支柱学館	B2	1	1F	〃	〃	39—3
1503	大三島	〃	1	地盤	愛媛	〃	38—
1504	明石門	(S60.11観測終了)			兵庫	〃	37—8
1505	番ノ洲	〃	1	〃	香川	〃	去39—
1506	高松	(S47.12来島へ移設)					38—
1507	来島	〃	1	地盤	愛媛	〃	47—12
16. 下水道部							
1601	落合処理場	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62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	新敷野川橋	PK－130	15	（S 61. 3 観測終了）	宮城	塩竈土木事務所	49－12
2. 国道第二課							
3. 地方道課							
5301	月岸大橋	A1E301A	10	－12m(2)・－24m(2)・－47m(2)・－48m(2)・－69m(2)	北海道	釧路土木現業所	45－10
4. 有料道路課							
5401	北良頭大橋	PK－130	6	地盤(4)・橋脚(2)	道営	北良頭大橋管理事務所	39－9
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	観音崎	〃	9	0 m(3)・－80m(3)・－120m(3)	〃	〃	45－3
5504	削除			計器管理移す（6201）			
5505	扇島	WS 3003	12	（S 58 観測終了）磨IC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	52-3,55-3
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	PK－130	6	（S 57. 3 観測終了）	秋田	皆瀬ダム管理所(秋)	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	〃	3	岩盤(3)・堤体（頂(5)・中(5)）	栃木	川俣ダム管理所(〃)	45－
5605	室牧ダム	〃	9	堤体（頂(5)・中(4)）	富山	室牧ダム管理事務所(秋)	36－6
5606	境山ダム	MTD－3C	12	岩盤(5)・堤体（頂(5)・中(2)）	岐阜	境山ダム管理所(建)	38－8
5607	大ヶ瀬ダム	PK－130	9	（S 54. 観測終了）	静岡	大ヶ瀬ダム管理所(〃)	39－12
5608	協谷ダム	PK－130	5	堤体(5)	奈良	協谷ダム管理所(〃)	45－
5609	四十四田ダム	〃	12	堤体（頂(9)・中(3)）	岩手	北上川ダム統管(〃)	45－
5610	岸川ダム	〃	10	監査廊(5)・堤体(5)	石川	岸川ダム管理事務所(秋)	43－12
5611	矢作ダム	〃	13	岩盤(3)・堤体（底(4)・中(4)・底(2)）	愛知	矢作ダム管理所(建)	46－3
5612	釜伏ダム	〃	6	岩盤(3)・堤頂(3)	宮城	釜房ダム管理所(〃)	45－4
5613	都ダム	PTK－130	9	－5 m(3)・堤体（頂(3)・中(3)）	千葉	君津工業用水道事務所(秋)	47－12
5614	下久ダム	PK－130	8	堤体（頂(4)・底(4)）	熊本	松原下久ダム管理事務所(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)	50－
5618	御所ダム	〃	27	岩盤(3)・堤体（底(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	小渕ダム	PK－130H	6	岩盤(3)・堤中(3)	〃	小渕ダム管理事務所(〃)	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	那珂湊ダム	〃	9	岩盤(3)・堤体（頂(3)・中(3)）	大分	那珂湊ダム工事事務所(〃)	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(秋)	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	魚ダム	SD－112－3	6	岩盤(3)・堤頂(3)	岩手	魚ダム管理事務所(〃)	57－1
5630	鵜取ダム	PTK－130	6	堤体（頂(3)・底(3)）	〃	鵜取ダム管理事務所(〃)	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(〃)	61－
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－ICTS	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(1)	埼玉	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
5638	川治ダム		12		栃木	川治ダム管理支所(建)	
5639	藤木ダム		9		岐阜	藤木ダム工事事務所(〃)	
7. 治水課							
5701	登川放水路堤防	PTK－130	4	地盤(2)・堤体(2)	愛知	名港工事事務所	41－3
5702	利根川堤防	PTK－130	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	PTK－130	6	地盤(2)・堤頂(2)・本体(2)　（S 61. 観測終了）	東京	荒川上流工事事務所	43－5
5704	淀川堤防	PTK－130	9	地盤(3)・堤頂(3)・本体(3)	大阪	土木研究所	49－3
5705	八郎潟干拓堤防	SDA-240,112	9	地盤(3)・地中(6)	秋田		61－2
8. 砂防課							
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	計器管理移す（5702）					
5902	荒川堤防	計器管理移す（5703）					

Table A1—6(2)、電磁式強震計設置箇所一覧表

昭和62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	尻通大橋	PK－130	11	地盤(3)・上床(2)・下床(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 3924	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)・上床(9)・上床(7)・中間塔(5)	福岡	〃	59－3
6006	民町橋	AJE 306	22	地中・橋台	神奈川	〃	〃
6007	江北橋	〃	23	地中・橋台	静岡	〃	〃
11. 首都高速道路公団							
6101	9号線（木場）	TUSS	9	地中(9)	東京	東京保安施設計画	59－3
6102	4号線（大橋町）	STBH	9	〃	〃	〃	61－2
12. 阪神高速道路公団							
6201	南港	WS 3203	12	0 m(3)・－22m(3)・－43m(3)・－88m(3)	大阪	阪神高速道路公団	48-3, 49-3
13. 北海道開発局							
6301	留萌橋	AJE301A	6	－2 m(3)・－40m(3)	北海道	北海道開発局	46－10
6302	静内橋	〃	6	－2 m(3)・－40m(3)	〃	〃	57－10
6303	銀鏡跨線橋	PTK－130	9	地盤(3)・地中(3)・フーチング床(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	AJE－305	3	地中(3)	〃	北海道開発局	54－12
6308	白鳥大橋	AJE－306	9	－13m(3)・－25m(3)・－35m(3)	〃	〃	57－11
6309	幌ノ下ダム	PTK－130	9	堤体（頂(3)・中(3)・底(3)）	〃	幌ノ下ダム管理所	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)・－60m(3)・－250 m(3)	兵庫	本州四国連絡橋公団	47－3
6502	坂出（本州四国）	WS 3203	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62年3月31日現在

No	設置所名	型式	台数	設置箇所	県名	維持管理	設置年月
1. 国道第一課							
S 101	雄物大橋	SM－10A	3	地盤・基礎・橋脚	秋田	秋田工事事務所	59－11
S 102	忠僧大橋	〃	3	地盤・橋脚・橋桁	岩手	三陸国道工事事務所	59－12
S 103	三野インターチェンジ	〃	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. 道路企画課							
S 501	島	SAMTAC－11B	4	－5m・－15m・－38m・－150m	神奈川	東京湾岸道路調査事務所	59－3, 59－6
6. 開発課							
S 601	四十四田ダム	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	地盤・堤体	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－
S 604	鬼怒川ダム	SM－10	2	堤体（中・底）	群馬	鬼怒川ダム管理所(〃)	56－3
S 605	小渕ダム	SM－10A	2	地盤・堤体	長野	大滝川ダム統管(〃)	57－7
S 606	矢作ダム	SMA－TB	1	地盤	愛知	矢作ダム管理所(〃)	57－5
S 607	大ヶ瀬ダム	SM－10	3	地盤・堤体（中・底）	京都	大ヶ瀬ダム管理所(〃)	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 609	一ノ瀬ダム	SM－10A	3		鳥取	一ノ瀬ダム管理所(〃)	61－
S 610	五十里ダム	SM－10A	3		栃木	五十里ダム管理支所(〃)	61－
S 611	湯原ダム	SM－10A	2		群馬	薄根ダム管理支所(〃)	61－
S 612	相俣ダム	SM－10A	3		〃	相俣ダム管理支所(〃)	61－
S 613	品木ダム	SM－10A	2		〃	品木ダム水質管理所(〃)	61－
S 614	土師ダム	SM－10A	3	地盤・監査廊・天端	広島	土師ダム管理所(〃)	61－
S 615	音沢ダム	SM－10A	3	地盤・監査廊・天端	鳥取	音沢ダム管理所(〃)	61－
S 616	石手川ダム	SM－10A	1		愛媛	石手川ダム管理支所(〃)	61－
S 617	松原ダム	SM－10A	2		大分	松原ダム管理支所(〃)	61－
S 650	菅瀬ダム	SM－10A	6	地盤・堤体・地中（4台）	秋田	菅瀬ダム管理所(県)	57－3, 60－3
S 651	寺山ダム	〃	3	地盤・堤体（頂・底）	栃木	那珂川水系ダム建設(〃)	57－10
S 652	奈良井ダム	SM－10	3	地盤・堤体（頂・底）	埼玉	奈良井川改良事務所(〃)	57－1
S 653	大野ダム	〃	1	堤体	兵庫	大野ダム管理事務所(〃)	57－3
S 654	犀川ダム	〃	1	堤体	石川	犀川ダム管理事務所(〃)	56－10
S 655	魚切ダム	〃	3	地盤・堤体（頂・底）	京都	魚切ダム管理事務所(〃)	57－3
S 656	七北田ダム		2		宮城	七北田ダム管理事務所(〃)	
7. 治水課							
S 701	尼武路大堰	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
S 703	八部島干拓堤防	SAMTAC－11B	2	地盤・堤体	秋田		61－12
S 704	加古川大堰	SM－10A	2	地盤・堰柱	兵庫	姫路工事事務所	62－
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	水路大橋	SAMTAC－11E	6	－15m, 主桁内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	佐久保橋	〃	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	東来野高架橋	SM－10A	4	地盤・地中・橋脚・基礎	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(大塚2)・ケーソン埋込	愛知	築名管理事務所	60－3
13. 北海道開発局							
S 1301	錦岡橋	SMA2	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	I. P	〃	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
14. 水資源開発公団							
S 1401	印旛川河口堰	SM－10A	2	地盤・堰柱	千葉	利根川河口堰管理事務所	60－
17. その他							
S 1701	安養ダム	SM－10A	2	堤体（頂・底）	沖縄	安波ダム管理所	58－3
S 1702	国地ダム	〃	1	地盤	〃	国地ダム管理所	58－3

付録－2　強震計の特性

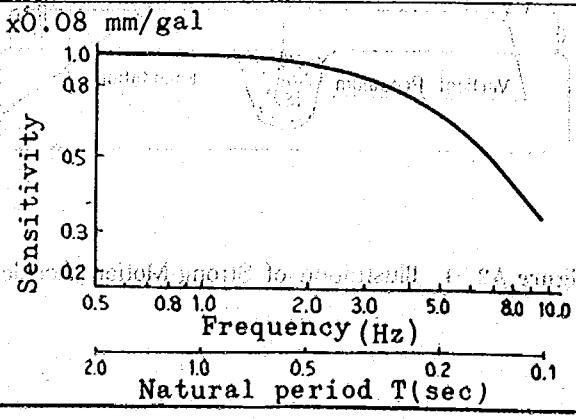
本資料に収録した地震動の加速度記録は，SMAC－B2型，SMAC－D型，SMAC－E2型，SMAC－Q型，電磁式強震計，普及型強震計のいずれかの型式の強震計により記録されたものである。

これらの強震計の公称の特性及び構造の概略をTable A2－1～Table A2－5，及びFigure A2－1～Figure A2－5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　A2－5　普及型強震計の特性
Figure A2－5　普及型強震計の構造

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	

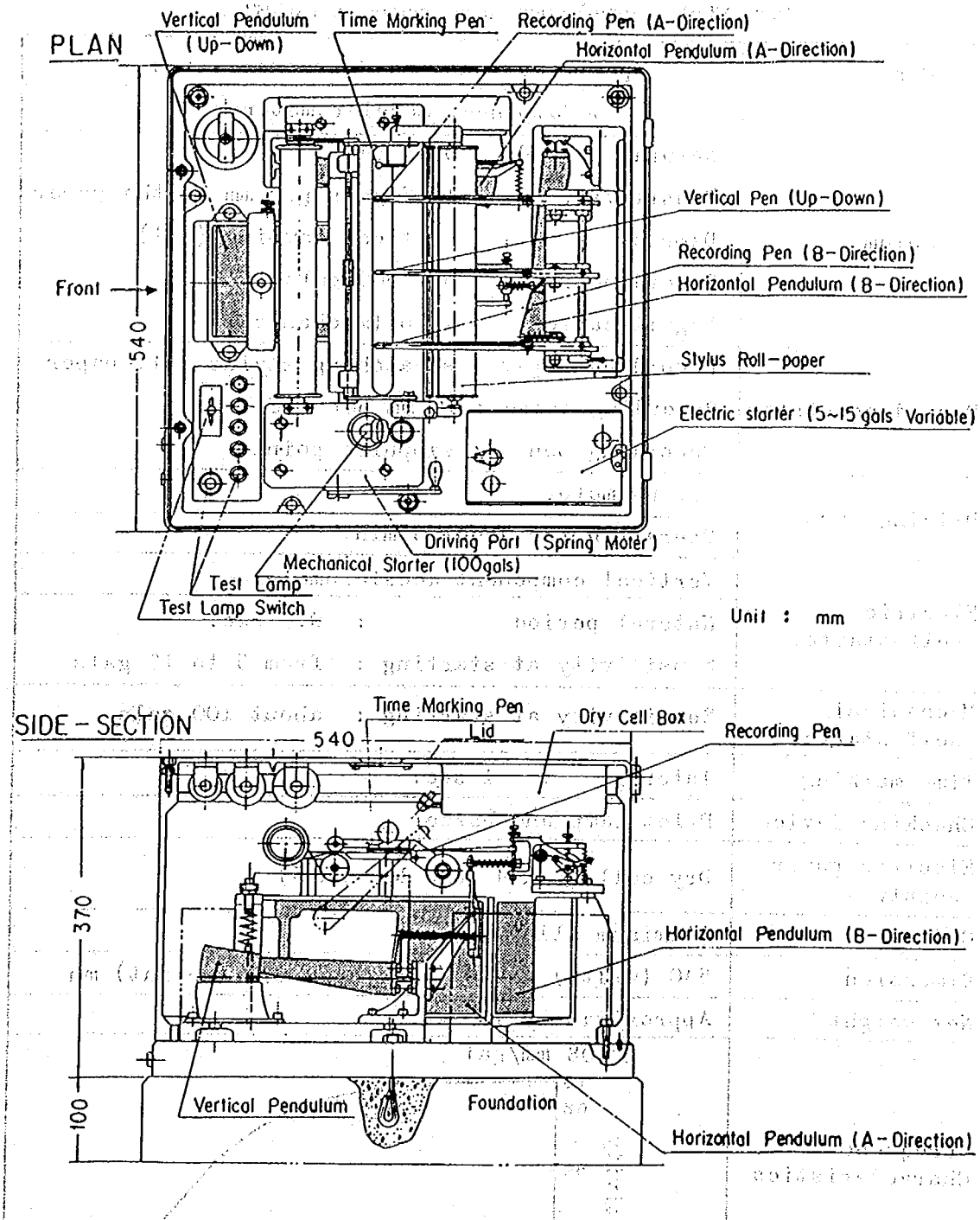
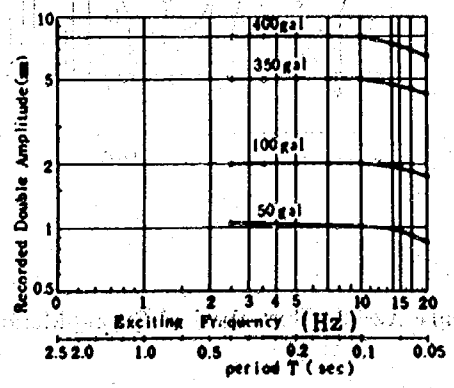


Figure A2—1 Illustration of Strong-Motion Accelerograph, SMAC-B2

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	

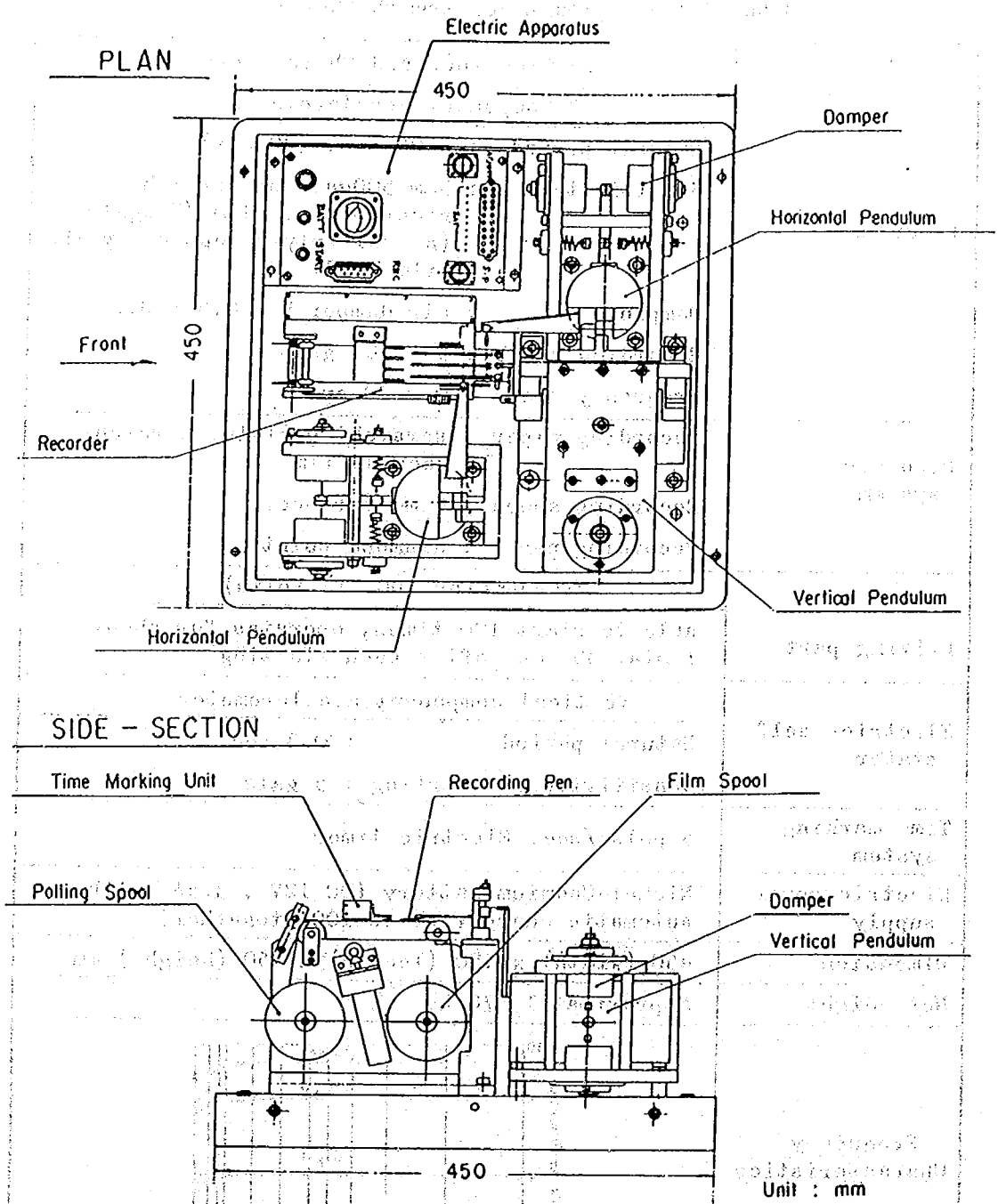
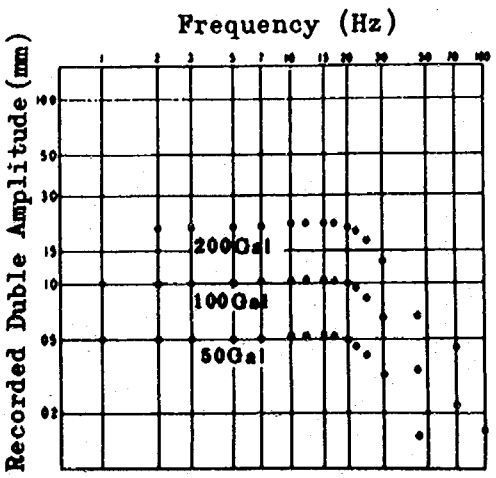
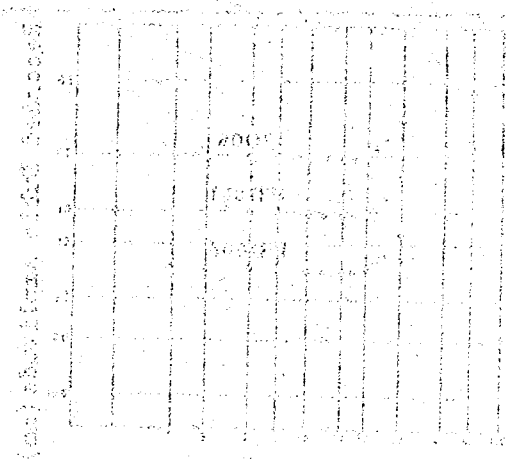
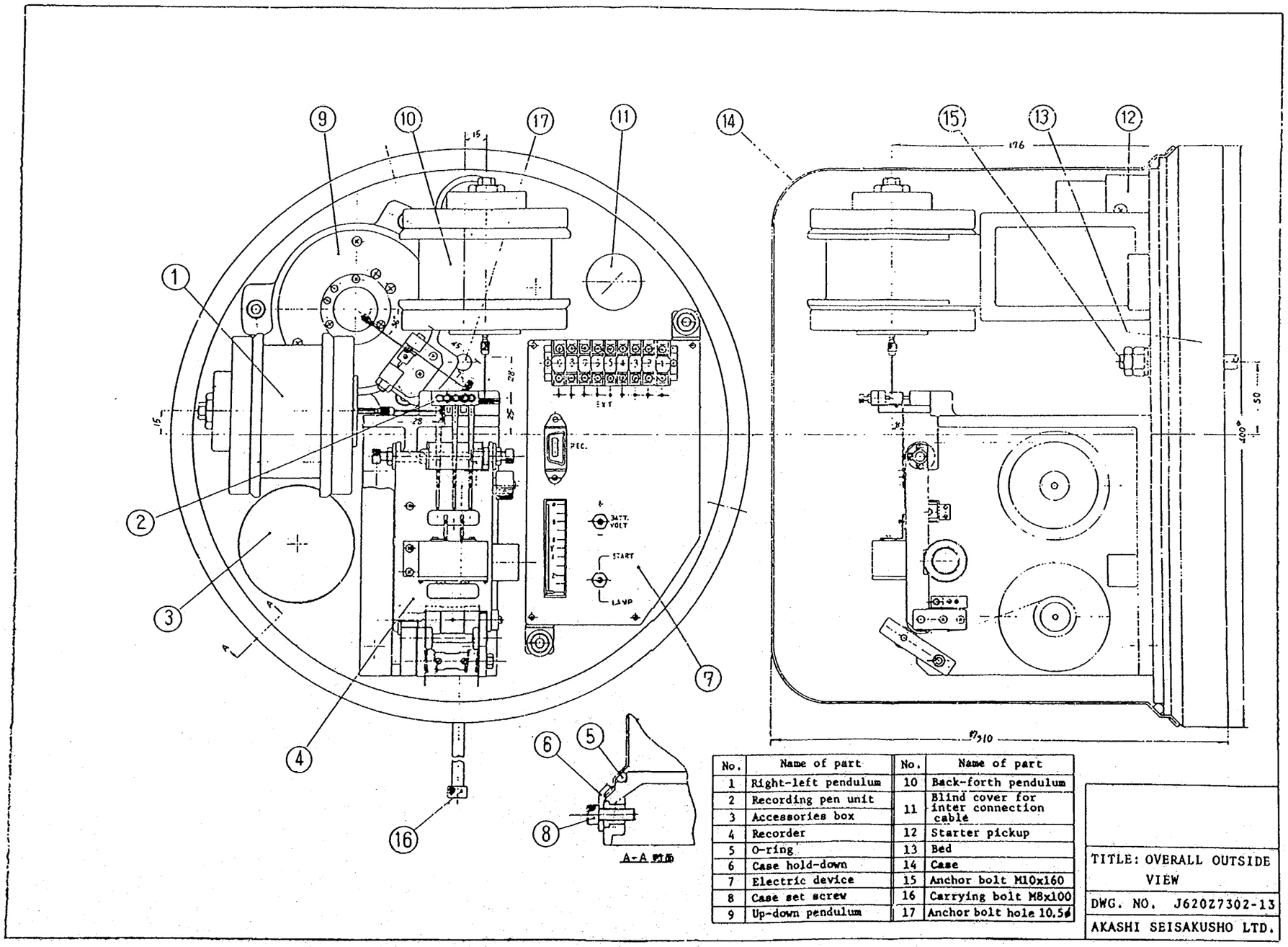


Figure A2—2 Illustration of Strong-Motion Accelerograph, SMAC-D

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 10.5ø

TITLE: OVERALL OUTSIDE VIEW

DWG. NO. J620Z7302-13

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Figure A2—3 Strong-Motion Accelerograph, SMAC-Q

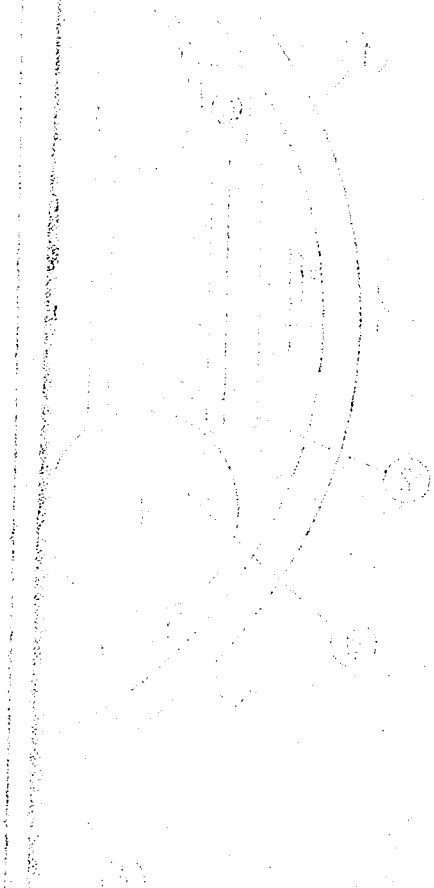
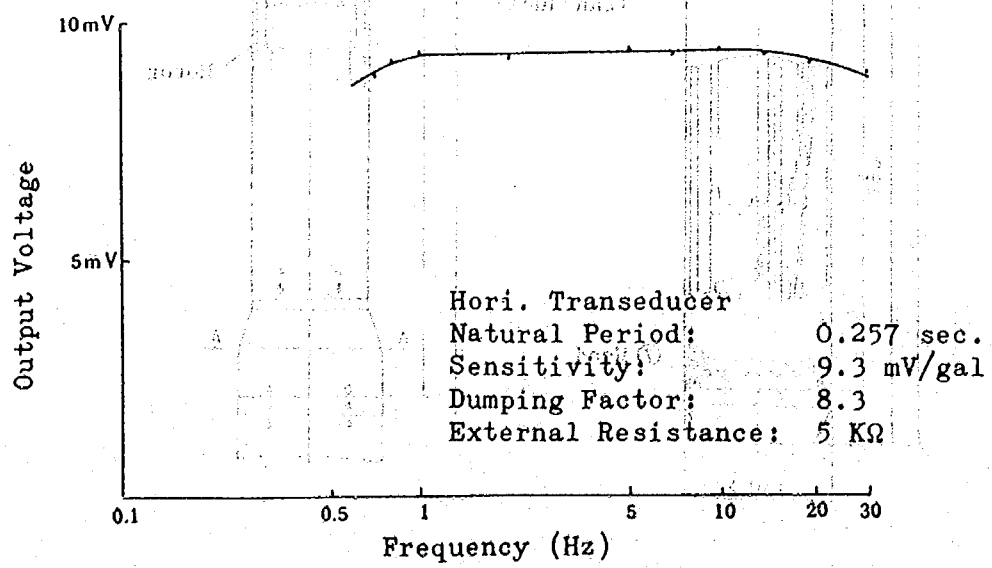


Table A2—4 Bore-hole Seismograph (TYPE-3203)

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



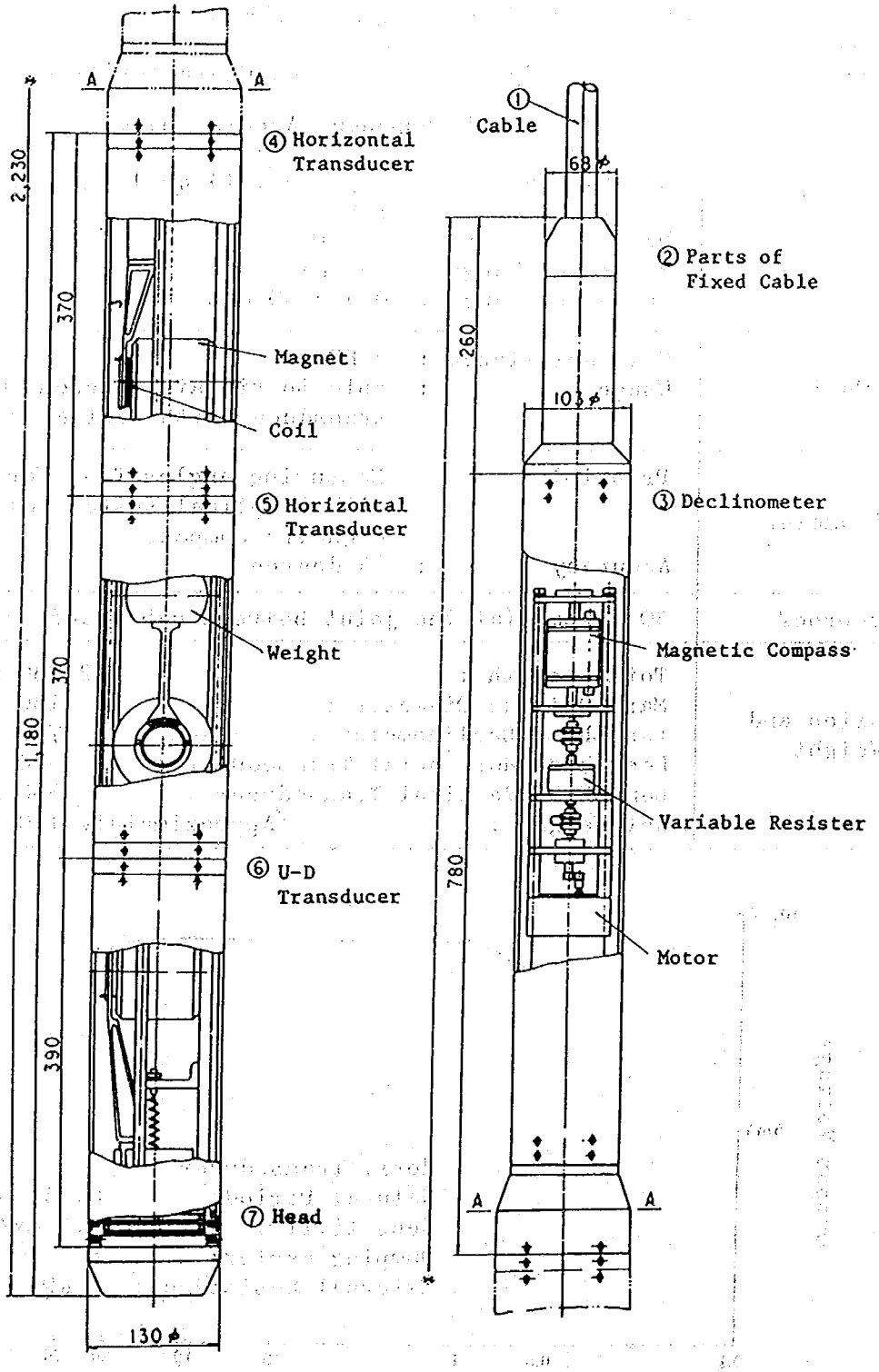
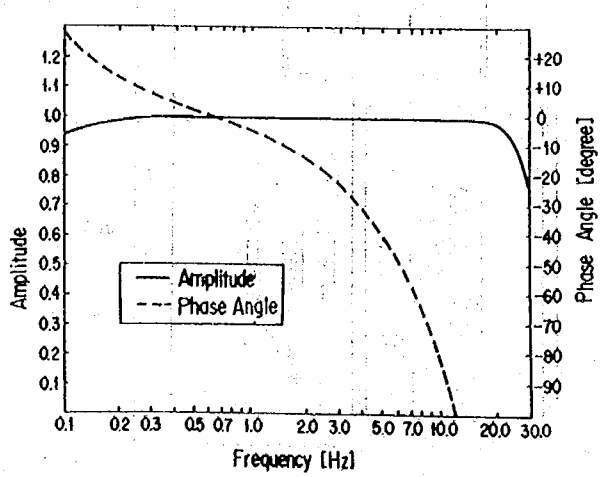
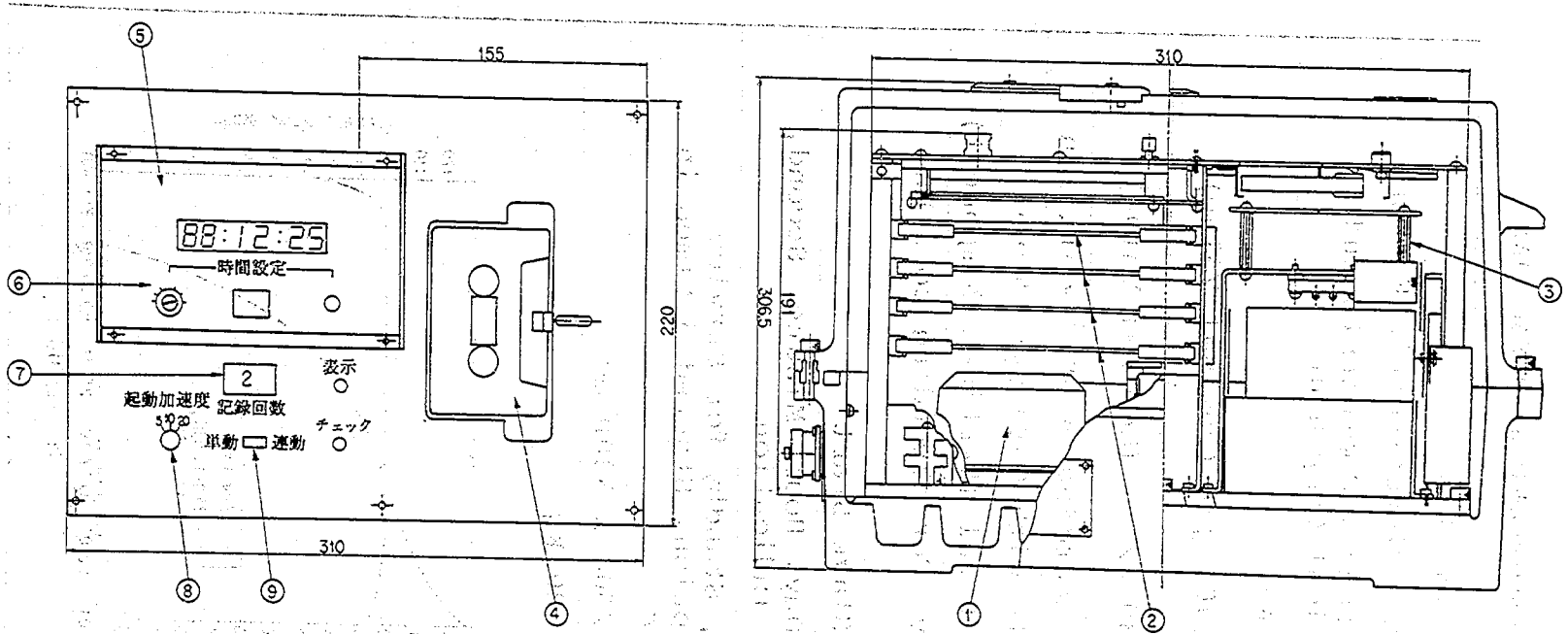


Figure A2—4 Bore-hole Seismograph (TYPE-3203)

Table A2—5 Strong—Motion Accelerograph (SM—10, SM—10A)

Type	Acceleration Type
Transducer	Shear Type Piezoelectric Element
Measuring Components	Two Horizontal Components and One Vertical Component
Natural Frequency	About 1 KHz
Acceleration Measuring Range	10 to 1,000 gal (Nominal Value)
Frequency Measuring Range	0.1 to 30 Hz (Nominal Value)
Recording Method	Analog Recording by FM Modulation
Recording Duration	45 minute with C-90 Type Tape
Trigger Level	5, 10, 20 gal (Vertical Component)
Calibration Signal	Sine Wave Corresponding to 3 Hz, 100 gal
Interlock Function	Master-Slave Start
Clock	Month, Day, Hour, Minute, Second, Digital Indication
Power Source	100V AC, Standby for Service Interruption, Started 5 times in 15 hours
External Dimensions	390W x 250D x 330H mm
Weight	Approx. 20 Kg
Frequency Characteristics	



No.	Name of Part
1	Transducer (3-Component Type)
2	Control Boad
3	Recording Unit
4	Cassette Tape
5	Clock Unit
6	Time Adjust Switch
7	Record Number Indication
8	Trigger Level Switch
9	Interlock Function Switch

Figure A2—5 Newly Developed MOC Accelerograph (SM—10, SM—10A)

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，電磁式強震計もしくは普及型強震計により得られたものである。SMAC型強震計及び電磁式強震計による記録処理は，記録線上にアナログ量として収録された波形をディジタイザーにより読み取った後に(1)に示す処理を行ったものである。

また，普及型強震計による記録処理は，アナログカセットテープ上に収録された波形をA／D変換器を用いてディジタル化し，(2)に示す処理を行ったものである。

(1)　SMAC型強震計及び電磁式強震計記録処理

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型強震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t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。

$$\Delta t \equiv t' - t = R(1-\cos\theta)/v \quad \cdots\cdots (A3-1)$$

$$\Delta a \equiv \widehat{A't} - A't' = R\theta - R\sin\theta \quad \cdots\cdots (A3-2)$$

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

θ：$\sin(a'/R)$ ……（A3－3）

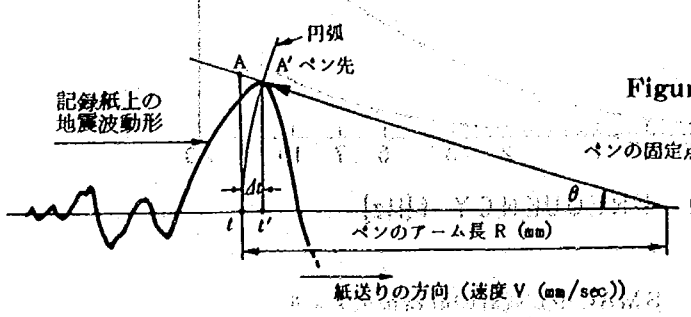


Figure A3—1　Are-Correction of Acceleration Measured by SMAC Type Accelerograph

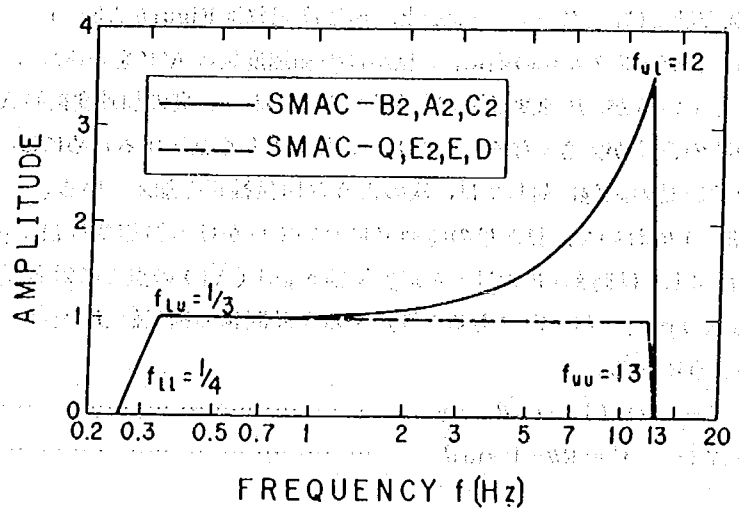
一般には（A 3－3）式で与えられるθは極めて小さいため（A 3－2）式で与えられる加速度振幅に対する補正量Δaは，微少な値となるので（A 3－1）式で与えられる時間軸の補正（Δt）のみを加えることとしている。

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。



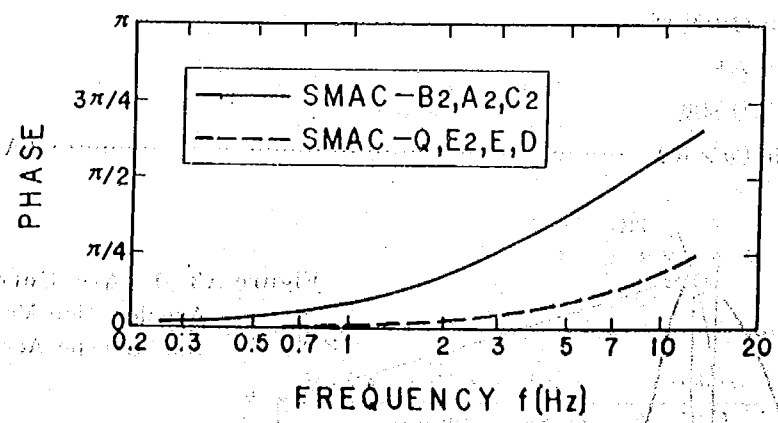


Figure A3—2 SMAC型強震計の計器補正フィルター

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で示すようにバンドパスフィルターを施している。

(2) 普及型強震計記録処理

建設省建設技術評価制度により，昭和56年度に開発された普及型強震計5機種のうち，本年度集報に強震記録が掲載されているSM－10，SM－10A型強震計記録の処理方法を以下に示す。

1) A／D変換

普及型強震計の専用再生装置より出力されるアナログ電圧信号を，同じく再生装置より出力される100 Hzのパルス信号を用いてサンプリングする。この際，3Hz 100 gal相当の校正信号についても，100Hzサンプリングを行う。

2) 基線補正

水平2成分及び上下成分の各成分毎に地震動記録電圧値の平均値を求め基線移動量の補正を行う。

3) 校 正 値

水平2成分及び上下成分の各成分毎に校正信号30波のP－P電圧平均値を求め，この電圧値を200 galとすることにより校正値を求め，電圧値で与えられている地震動記録の加速度値への変換を行う。

4) 計器補正

Figure A3－3に，普及型強震計及び再生装置を含めた総合的な振幅特性ならびに位相特性を示す。本資料に収録している地震動記録は，振幅特性及び位相特性に関する計器補正を施した後に，SMAC型強震計による記録と同様のバンドパスフィルターを施している。

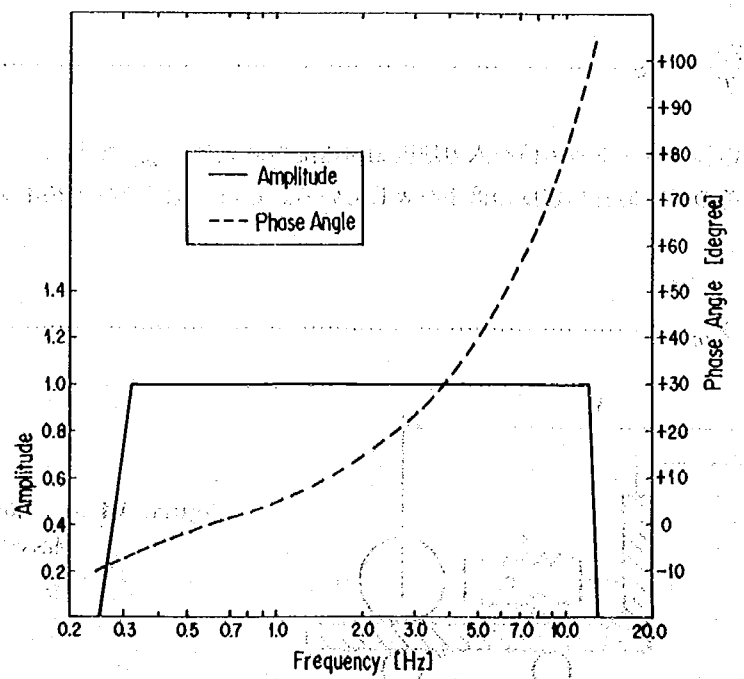


Figure A3—3　普及型強震計の計器補正フィルター

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。

$$y=-\frac{1}{\omega p}\int_o^t \ddot{z}(t)\, e^{-ph(t-\tau)} \sin \omega p (t-\tau)\, d\tau \quad \cdots\cdots (A4-2)$$

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。

$$SD=|y|_{max}=\frac{1}{\omega p}\left|\int_o^t \ddot{z}(\tau) e^{-ph(t-\tau)} \sin \omega p (t-\tau)\, d\tau\right|_{max} \quad \cdots (A4-3)$$

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。

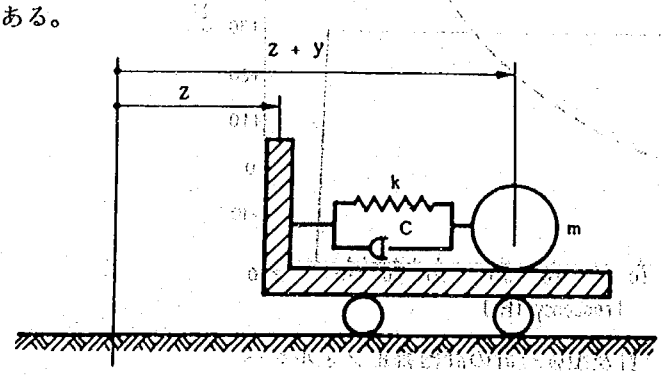


Figure A4—1　Response of One Mass-Spring System

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.