APPENDIX

SUMMARY OF TEST RESULTS

Table A-1 Maximum Acceleration Values(g's), Locked Caster Case, IBM-9370, June 1991

June 1991 IBM-9370		LOCKED CASTERS			
		RUN-5 IBM-2	RUN-6A BELLCORE	RUN-9 TAFT RC-7	RUN-11A EC RC-7
SHAKER	ALAT	1.30	1.00	0.47	0.74
	AVRT	0.35	0.38	0.16	0.22
SLAB	ASEX	1.40	1.00	0.48	0.78
FLOOR	AFEX	1.40	1.00	0.51	0.85
	AFCZ	0.56	1.00	0.24	0.35
LOWER	LRRX	1.06	1.60	0 40	0.48
	LRRY	2.83	0.85	0.26	0.46
	LRRZ	2.03	1.43	0.26	0.39
	LRFX	0.98	0.79	0.39	0.46
TOP	TRRX	1.55	1.91	0.47	0.72
	TRFX	0.90	0.99	0.43	0.42
	TRFZ	0.62	1.10	0.26	0.41
	TRRZ	1.04	1.30	0.24	0.37
	TLFZ	0.93	1.00	0.21	0.36
	TLRZ	1.19	1.22	0.22	0.38
DSD	DSDX	0.81	0.88	0.26	0.22
	DSDY	0.40	0.67	0.16	0.67
	DSDZ	0 90	0.85	0.24	0.96
DISPL. [in.]		19.00	2.75	6.25	13.00

Table A-2 Maximum Acceleration Values(g's), Bungee Cords Case, IBM-9370, June 1991

June 1991 IBM-9370		BUNGEE CORDS				
		RUN-16 IBM-2	RUN-17 BELLCORE	RUN-18 TAFT RC-7	RUN-19 EC RC-7 FREE CASTERS	RUN-19A EC RC-7 LOCKED CASTER
SHAKER	ALAT	1.30	1.00	0.47	0.71	0.74
	AVRT	0.34	0.38	0 16	0.23	0.23
SLAB	ASEX	1.37	1.03	0.48	0.76	0.78
FLOOR	AFEX	1.50	1.19	0.50	0.85	0.85
	AFCZ	0.74	0.83	0.24	0.72	0.31
LOWER	LRRX	1.47	1.22	0.54	1 12	0.98
	LRRY	0 83	1.03	0.43	0.64	0.50
	LRRZ	2.02	2.24	0.24	0.37	0.55
	LRFX	1.69	1.11	0.48	0.40	0.64
TOP	TRRX	1.88	1.96	0.70	1 09	1.20
	TRFX	1.62	1.33	0.37	0.54	0.64
	TRFZ	1.80	1.82	0.30	0.35	0.49
	TRRZ	1.87	2.10	0.23	0.34	0.54
	TLFZ	1.70	1.19	0.19	0.37	0.61
	TLRZ	1.67	1.48	0.24	0.37	0.54
DSD	DSDX	1.08	1.00	0.34	0.70	0.83
	DSDY	0.52	0.40	0.16	0.34	0.38
	DSDZ	1.60	1.27	0.21	0.34	0.54
DISPL. [in.]		18.00	15.00	6.00	16.75	15.00

Table A-3 Maximum Acceleration Values(g's), 4-Toggle Bar Case, IBM-9370, June 1991

June 1991 IBM-9370		4 - TOGGLE BARS			
		RUN-20A IBM-1	RUN-21 BELLCORE	RUN-22 TAFT RC-7	RUN-23 EC RC-7
SHAKER	ALAT	0.68	1.00	0.47	0.74
	AVRT	0.21	0.38	0.16	0.22
SLAB	ASEX	0.70	1.04	0.48	0.76
FLOOR	AFEX	0.75	1.12	0.50	1.00
	AFCZ	0.33	0.65	0.24	0.94
LOWER	LRRX	3.33	4.50	2.24	3.34
	LRRY	1.39	4.69	1.09	1.00
	LRRZ	0.50	0.95	0.35	1.60
	LRFX	1.37	3.03	1.05	1.78
TOP	TRRX	3 50	4.58	2.47	2.95
	TRFX	2.33	3.22	1.94	2.30
	TRFZ	0.58	0.89	0.41	1.66
	TRRZ	0.51	0.94	0.36	1.64
	TLFZ	0 64	0.58	0.45	1.10
	TLRZ	0.79	0.91	0.48	1.10
DSD	DSDX	2.24	3.05	1.53	1.76
	DSDY	0.83	0.72	0.39	0.50
	DSDZ	0.56	0.54	0.41	1.13
DISPL. [in.]		0.00	0.00	0.00	0.00

Table A-4 Maximum Acceleration Values(g's), 2-Spring Case, IBM-9370, June 1991

June 1991 IBM-9370		2 - SPRINGS			
		RUN-24 IBM-1	RUN-25 BELLCORE	RUN-26 TAFT RC	RUN-27 EC RC-7
SHAKER	ALAT	0.67	1.00	0.48	0.72
	AVRT	0.21	0.38	0.16	0.22
SLAB	ASEX	0.69	1.03	0.48	0.77
FLOOR	AFEX	0.77	1.12	0.54	0.92
	AFCZ	0.89	1.79	0.25	2.64
LOWER	LRRX	0.78	2.16	0.54	3.20
	LRRY	0.55	1.11	0.36	1.18
	LRRZ	0.60	3.30	0.31	4.15
	LRFX	0.63	2.09	0.38	1.60
TOP	TRRX	1.04	3.17	0.79	3.07
	TRFX	0.85	1.99	0.49	2.17
	TRFZ	0.60	3.16	0.31	3.34
	TRRZ	0.63	2.86	0.30	3.74
	TLFZ	0.52	2.87	0.19	3.48
	TLRZ	0.58	2.73	0.37	3.16
DSD	DSDX	0.57	1.57	0.45	1.76
	DSDY	0.36	0.59	0.19	0.41
	DSDZ	0.54	2.65	0.31	3.14
DISPL. [in.]		9.50	10.00	7.50	17.00

Table A-5 Maximum Acceleration Values(g's), F-Damper Case,IBM-9370,June 1991

June 1991 IBM-9370		F VE DAMPERS	
		RUN-30F2 TAFT RC-7	RUN-31F2 EC RC-7
SHAKER	ALAT	0.47	0.35
	AVRT	0.16	0.11
SLAB	ASEX	0.48	0.35
FLOOR	AFEX	0.55	0.37
	AFCZ	0.33	0.19
LOWER	LRRX	1.11	0.60
	LRRY	0.50	0.13
	LRRZ	0.86	0.26
	LRFX	1.66	0.44
TOP	TRRX	1.30	0.54
	TRFX	0.79	0.51
	TRFZ	0.83	0.25
	TRRZ	0.84	0.27
	TLFZ	0.88	0.18
	TLRZ	0.68	0.19
DSD	DSDX	0.72	0.45
	DSDY	0.33	0.09
	DSDZ	0 83	0.20
DISPL. [in.]		4.00	7.50

Table A-6 Maximum Acceleration Values(g's), D-Damper Case, IBM-9370, June 1991

June 1991 IBM-9370		D VE DAMPERS	
		RUN-30D3 TAFT RC-7	RUN-31D EC RC-7
SHAKER	ALAT	0.47	0.73
	AVRT	0.16	0.23
SLAB	ASEX	0.47	0.78
FLOOR	AFEX	0.51	0.97
	AFCZ	0.36	0.34
LOWER	LRRX	0.71	0.81
	LRRY	0.28	0.18
	LRRZ	1.02	0.43
	LRFX	0.56	0.87
TOP	TRRX	0.98	0.96
	TRFX	1.00	0.92
	TRFZ	0.73	0.50
	TRRZ	1.04	0.42
	TLFZ	0.56	0.38
	TLRZ	0.77	0.40
DSD	DSDX	0.68	0.77
	DSDY	0.19	0.16
	DSDZ	0.70	0.40
DISPL. [in.]		0.00	2.50

Table A-7 Maximum Acceleration Values(g's), 4-Hz. Wire Rope Case, IBM-9370, June 1991

June 1991 IBM-9370		4 - Hz. WIRE ROPES			
		RUN - W737A BELLCORE	RUN - W438A TAFT RC-7	RUN - W639A EC RC-7	RUN - 36 IBM-2
SHAKER	ALAT	1.00	0.47	0.77	1.28
	AVRT	0.38	0.17	0.22	0.34
SLAB	ASEX	1.03	0.48	0.81	1.34
FLOOR	AFEX	1.15	0.57	1.00	1.55
	AFCZ	1.01	0.22	0.32	0.59
LOWER	LRRX	2.07	0.79	1.06	1.92
	LRRY	0.67	0.14	0.27	0.53
	LRRZ	2.44	0.25	0.87	1.68
	LRFX	1.90	0.78	1.01	1.82
TOP	TRRX	3.73	0.98	1.11	2.42
	TRFX	3.11	0.83	0.99	2.15
	TRFZ	2.09	0 31	0.88	1.54
	TRRZ	2.46	0.26	0.88	1.76
	TLFZ	2 89	0.30	0.43	2.34
	TLRZ	3.46	0.22	0.52	2.80
DSD	DSDX	2.35	0.64	0.81	1.67
	DSDY	0.28	0.10	0.17	0.35
	DSDZ	3.19	0.25	0.52	2.56
DISPL. [in.]		2.75	0.75	1.25	2.50

Table A-8 Maximum Acceleration Values(g's), 4-Wire Rope Case, IBM-9370, June, 1991

June 1991 IBM-9370		2 - Hz WIRE ROPES	
		RUN - W1338B TAFT RC-7	RUN - W1739B EC RC-7
SHAKER	ALAT AVRT	0.47 0.16	0 77 0.24
SLAB	ASEX	0.48	0.81
FLOOR	AFEX AFCZ	0.59 0.51	1.30 1.06
LOWER	LRRX LRRY LRRZ LRFX	1.33 0.47 0.91 1.23	1.09 0.85 2.99 3.77
TOP	TRRX TRFX TRFZ TRRZ TLFZ TLRZ	1.29 1.05 0.90 0.90 1.22 1.25	2.76 2.71 2.71 2.86 4.39 3.38
DSD	DSDX DSDY DSDZ	0.71 0.36 1.23	2.42 0.74 3.69
DISPL. [in.]		3.75	2 75

Table A-9 Maximum Acceleration Values(g's), Fixed Base Case, IBM-9370, June 1991

June 1991 IBM-9370		FIXED BASE			
		RUN-60 IBM-2	RUN-61 BELLCORE	RUN-62C TAFT RC-7	RUN-63 EC RC-7
SHAKER	ALAT	1.30	0.99	0.47	0.72
	AVRT	0.35	0.38	0.16	0.23
SLAB	ASEX	1.35	1.04	0.47	0.77
FLOOR	AFEX	1.52	1.08	0.58	0.71
	AFCZ	0.54	1.60	0.24	0.32
LOWER	LRRX	2.15	1.41	0.72	0.98
	LRRY	0.40	0.31	0.09	0.12
	LRRZ	1.77	1.77	0.24	0.32
	LRFX	1.87	1.27	0.68	0.91
TOP	TRRX	2.07	3.17	1.06	1.07
	TRFX	2.21	2.77	1.09	1.14
	TRFZ	1.51	1.24	0.22	0.43
	TRRZ	1.76	1.70	0.24	0.34
	TLFZ	1.03	2.09	0.23	0.36
	TLRZ	1.06	2.70	0.24	0.31
DSD	DSDX	1.37	2.12	0.74	0.91
	DSDY	0.48	0.66	0 11	0.21
	DSDZ	1.10	2.64	0.27	0.33
DISPL. [in.]		0.00	0.00	0.00	0.00

Table A-10 Maximum Acceleration Values(g's), On Glides Case, IBM-9371, June 1991

June 1991 IBM-9371		GLIDES			
		RUN-40 IBM-2	RUN-41 BELLCORE	RUN-42B TAFT RC-7	RUN-43 EC RC-7
SHAKER	ALAT	1.30	1.00	0.47	0.68
	AVRT	0.34	0.38	0.16	0.22
SLAB	ASEX	1.36	1.02	0.47	0.70
FLOOR	AFEX	1.54	1.06	0.54	0.87
	AFCZ	0.46	0.44	0.19	0.27
LOWER	LRRX	0.95	0.68	0.49	0.46
	LRRY	0.16	0.12	0.18	0.22
	LRRZ	0.64	0.52	0.30	0.39
	LRFX	0.89	0.73	0.62	0.60
TOP	TRRX	0.93	0.70	0.69	0.93
	TRFX	0.78	0.60	0.57	0.69
	TRFZ	0.70	0.62	0.45	0.59
	TRRZ	0.74	0.58	0.33	0.48
	TLFZ	0.79	0.66	0.58	0.44
	TLRZ	0.79	0.57	0.28	0.31
DSD	DSDX	0.75	0.63	0.47	0.51
	DSDY	0.65	0.51	0.56	0.59
	DSDZ	0.88	0.58	0.50	0.46
DISPL. [in.]		20.00	14.50	1.50	10.50

Table A-11 Maximum Acceleration Values(g's), E-Damper Case, IBM-9371, June 1991

June 1991 IBM-9371		E VE DAMPERS IN REAR ATTACHED TO WALL			
		RUN-44 IBM-2	RUN-45 BELLCORE	RUN-46B TAFT RC-7	RUN-47 EC RC-7
SHAKER	ALAT	1.30	1.00	0.48	0.72
	AVRT	0.34	0.37	0.16	0.23
SLAB	ASEX	1.37	1.03	0.48	0.75
FLOOR	AFEX	1.50	1.10	0.21	0.85
	AFCZ	0.45	0.46	0.20	0.30
LOWER	LRRX	1.78	0.95	0.68	0.96
	LRRY	0.59	0.41	0.10	0.40
	LRRZ	0.43	0.47	0.25	0.35
	LRFX	1.28	0.99	0.46	0.61
TOP	TRRX	1.39	1.10	0.71	0.92
	TRFX	0.97	0.65	0.49	0.61
	TRFZ	0.51	0.60	0.25	0.31
	TRRZ	0.48	0.46	0.29	0.42
	TLFZ	0.90	0.54	0.30	0.40
	TLRZ	0.70	0.46	0.24	0.36
DSD	DSDX	0.94	0.62	0.45	0.50
	DSDY	0.75	0.56	0.42	0 62
	DSDZ	0.52	0.47	0.28	0.35
DISPL. [in.]				1.50	6.00

Table A-12 Maximum Acceleration Values(g's), Fixed in Rear Case, IBM-9371, June 1991

June 1991 IBM-9371		FIXED IN REAR ONLY			
		RUN-64 IBM-2	RUN-65 BELLCORE	RUN-66A TAFT RC-7	RUN-67 EC RC-7
SHAKER	ALAT	1.27	0.99	0.47	0.72
	AVRT	0.35	0.37	0 16	0.22
SLAB	ASEX	1.34	1.01	0.47	0.76
FLOOR	AFEX	1.47	1.02	0.54	0.92
	AFCZ	0.51	0.51	0.18	0.28
LOWER	LRRX	3.31	4.94	0.80	1.43
	LRRY	0.53	0.68	0.29	0.38
	LRRZ	2.47	2.06	0.57	0.85
	LRFX	2.16	2.29	0.80	0.89
TOP	TRRX	2.85	2 41	1.06	1.69
	TRFX	2.73	2.90	0.93	1.16
	TRFZ	3.11	2.40	0.75	1.20
	TRRZ	2.64	2.24	0.66	0.87
	TLFZ	3.99	5.61	0.92	1.40
	TLRZ	2.51	3.42	0.83	1.44
DSD	DSDX	1.60	1.95	0.60	0.78
	DSDY	1.20	1.57	0.98	1.16
	DSDZ	4.24	5.40	0.86	1.50
DISPL. [in.]		3.50	4.50	0 50	1.25

Table A-13 Maximum Acceleration Values(g's), Bolted To Slab Case, IBM-9371, June 1991

June 1991 IBM-9371		BOLTED TO SLAB			
		RUN-68 IBM-2	RUN-69 BELLCORE	RUN-70 TAFT RC-7	RUN-71 EC RC-7
SHAKER	ALAT	1.29	0.97	0 46	0.74
	AVRT	0.34	0.38	0.15	0.23
SLAB	ASEX	1.35	1.03	0.47	0.78
FLOOR	AFEX	1.36	1.06	0.54	0.96
	AFCZ	0.45	0.44	0.20	0.29
LOWER	LRRX	2.49	1.70	0.72	1.71
	LRRY	0.72	0.32	0.15	0.33
	LRRZ	1.21	1.22	0.45	0.87
	LRFX	1.42	1.26	0.58	1.11
TOP	TRRX	2.75	1.95	0.92	1.49
	TRFX	2.33	1.56	0.83	1.47
	TRFZ	1.27	1 46	0.36	0.99
	TRRZ	1.36	1.39	0.52	1.14
	TLFZ	1.45	0.99	0.36	1.03
	TLRZ	0.60	0.39	0.18	0.33
DSD	DSDX	1.82	1.44	0 62	1.05
	DSDY	1.44	0.65	0.53	0.74
	DSDZ	0.55	0 41	0.20	0.33
DISPL. [in.]					

Table A-14 Maximum Acceleration Values(g's), Locked Caster Case, IBM-9221, August 1991

August 1991 IBM-9221		LOCKED CASTERS			
		RUN-4 EC RC-1	RUN-5 EC RC-3	RUN-6 EC RC-7	RUN-8 IBM-2
SHAKER	ALAT	0.13	0.47	0.82	1.70
	AVRT	0.02	0.20	0.21	0.33
SLAB	ASEX	0.14	0.49	0.86	1.80
	ASWX	0.14	0 49	0.89	1.90
	ASCV	0.03	0.24	0.24	0.34
FLOOR	AFEX	0.17	0.56	0.96	2.04
	AFWX	0.20	0.52	0.85	2.20
LOWER	LRRX	0.06	0.30	0.37	0.44
	LRRY	0.25	0.57	0.72	1.36
	LRRZ	0.08	0 39	0.43	0.85
	LRFX	0.23	0.45	0.62	0.84
	LRFY	0.00	0.00	0.00	0.00
TOP	TRRX	0.39	0.63	0.81	1.27
	TRFX	0.25	0.52	0.77	1.06
	TRFZ	0.07	0.49	0.50	0.72
	TRRZ	0.07	0.38	0 41	0 77
	TLFZ	0.07	0.46	0.49	0.93
	TLRZ	0.88	0.42	0.43	0.67
DSD	DSDX	0.18	0.30	0.41	0.72
	DSDY	0.06	0.19	0.37	0.44
	DSDZ	0.08	0.43	0.45	0.72
DISPL [in.]		4.75	8.00	12.25	29.00

Table A-15 Maximum Acceleration Values(g's), VE Dampers, Case -1, IBM-9221, August 1991

August 1991 IBM-9221		VE DAMPERS, CASE 1		
		RUN-57 EC RC-1	RUN-58 EC RC-3	RUN-59 EC RC-7
SHAKER	ALAT	0.42	0.49	0.81
	AVRT	0.21	0.21	0.20
SLAB	ASEX	0.45	0.50	0.82
	ASWX	0.45	0.51	0.86
	ASCV	0.24	0.24	0.23
FLOOR	AFEX	0.53	0.57	1.15
	AFWX	0.48	0.54	0.94
LOWER	LRRX	0.18	0.15	0.50
	LRRY	0.82	0.96	3.04
	LRRZ	0.32	0.31	1.08
	LRFX	0.55	0 56	2.56
	LRFY	0.00	0.00	0.00
TOP	TRRX	0.71	0.97	2.20
	TRFX	0.59	0.71	2.14
	TRFZ	0.27	0.30	0.88
	TRRZ	0.31	0.31	1.03
	TLFZ	0.30	0.29	0.78
	TLRZ	0.29	0.31	0.66
DSD	DSDX	0 42	0.62	1.60
	DSDY	0.18	0.16	0.31
	DSDZ	0.29	0.31	0.70
DISPL. [in.]		1.50	2.75	4.75

Table A-16 Maximum Acceleration Values(g's), VE Dampers, Case -2, IBM-9221, August 1991

August 1991 IBM-9221		VE DAMPERS, CASE 2		
		RUN-60 EC RC-1	RUN-61 EC RC-3	RUN-62 EC RC-7
SHAKER	ALAT	0.45	0 48	0.82
	AVRT	0.21	0.21	0.21
SLAB	ASEX	0.46	0.50	0.84
	ASWX	0.47	0.51	0.87
	ASCV	0.26	0.25	0.23
FLOOR	AFEX	0.51	0.56	1.19
	AFWX	0.50	0.51	0.79
LOWER	LRRX	0.20	0.46	0.75
	LRRY	0.78	1.05	1.94
	LRRZ	0.53	0.53	2.75
	LRFX	0.54	0 54	1 55
	LRFY	0.00	0.00	0.00
TOP	TRRX	0.79	0.95	2.36
	TRFX	0.60	0.82	2.10
	TRFZ	0.46	0 48	2 15
	TRRZ	0.52	0.52	2.73
	TLFZ	0.41	0.84	2.46
	TLRZ	0.38	0.78	2.47
DSD	DSDX	0.50	0.64	1.42
	DSDY	0.18	0.40	0.56
	DSDZ	0.39	0 82	2 66
DISPL. [in.]		2.00	2 50	6.50

Table A-17 Maximum Acceleration Values(g's), VE Dampers, Case -3, IBM-9221, August 1991

August 1991 IBM-9221		VE DAMPERS, CASE 3			
		RUN-63 EC RC-1	RUN-64 EC RC-3	RUN-65 EC RC-7	RUN-66 IBM-2
SHAKER	ALAT	0.43	0.47	0.80	1.41
	AVRT	0.20	0.20	0.21	0.33
SLAB	ASEX	0.44	0.49	0.83	1.44
	ASWX	0.45	0.49	0.86	1.50
	ASCV	0.25	0.24	0.26	0.33
FLOOR	AFEX	0.50	0.51	1.00	2.18
	AFWX	0.46	0.50	0.77	1.67
LOWER	LRRX	0.00	0.00	0.00	0.00
	LRRY	0.35	0.34	0.34	2.34
	LRRZ	0.36	0.35	0.35	0.83
	LRFX	0.60	0.54	0.92	2.19
	LRFY	0.00	0.00	0.00	0.00
TOP	TRRX	1.24	1.20	1.31	2.65
	TRFX	1.08	0 95	0.98	1.95
	TRFZ	0.29	0.32	0.33	0.71
	TRRZ	0.35	0.35	0.35	0.80
	TLFZ	0.29	0.31	0.30	1.09
	TLRZ	0.34	0.34	0.32	1.04
DSD	DSDX	0.79	0.78	0.91	1.84
	DSDY	0.15	0.13	0.17	0.52
	DSDZ	0.33	0.35	0.33	1.05
DISPL. [in.]		1.00		1.00	4.75

Table A-18 Maximum Acceleration Values(g's), 4-Toggle Bar Free Casters, 40-Durometer, IBM-9221, August 1991

August 1991 IBM-9221		4-TOGGLE BARS FREE CASTERS 40-DUROMETER		
		RUN-12 EC RC-1	RUN-13 EC RC-7	RUN-14 IBM-2
SHAKER	ALAT	0.45	0.78	1.39
	AVRT	0.20	0.20	0.29
SLAB	ASEX	0.46	0.83	1 43
	ASWX	0.48	0.85	1.50
	ASCV	0.25	0 26	0.30
FLOOR	AFEX	0.47	0.84	1 65
	AFWX	0.49	0.86	1.69
LOWER	LRRX	0.31	0.46	0.58
	LRRY	0.96	1.44	2.79
	LRRZ	0.31	0.32	0.58
	LRFX	0.49	0.93	1.67
	LRFY	0.00	0.00	0.00
TOP	TRRX	1.10	1.44	3.59
	TRFX	0.78	1.45	2.92
	TRFZ	0.33	0.33	0 44
	TRRZ	0.31	0.32	0 47
	TLFZ	0.34	0.32	0.56
	TLRZ	0.30	0.30	0 61
DSD	DSDX	0.81	1.25	2.60
	DSDY	0.27	0.00	0 00
	DSDZ	0.32	0.32	0.60
DISPL. [in.]		1.75	2.00	4.00

Table A-19 Maximum Acceleration Values(g's), 4-Toggle Bar Free Casters, 80-Durometer, IBM-9221, August 1991

August 1991 IBM-9221		4-TOGGLE BARS FREE CASTERS 80-DUROMETER RUN-15 EC RC-7	RUN-16 IBM-2
SHAKER	ALAT	0.83	1.39
	AVRT	0.21	0.33
SLAB	ASEX	0.88	1.44
	ASWX	0.90	1.50
	ASCV	0.26	0.35
FLOOR	AFEX	0.87	1.62
	AFWX	0.87	1.62
LOWER	LRRX	0.26	0.45
	LRRY	1.22	2.77
	LRRZ	0.34	0.56
	LRFX	0.88	1.89
	LRFY	0.00	0.00
TOP	TRRX	1.49	3 08
	TRFX	1.31	2 99
	TRFZ	0.33	0.42
	TRRZ	0 34	0.43
	TLFZ	0.32	0.60
	TLRZ	0 34	0.59
DSD	DSDX	1.20	2.24
	DSDY	0.29	0.49
	DSDZ	0.35	0.57
DISPL. [in.]		1.50	2.50

Table A-20 Maximum Acceleration Values(g's), Toggle Bars, 80-Durometer Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		Toggle Bars 80 - Durometer Bushings					
		RUN-2 EC-3	RUN-3 EC-7	RUN-4 EC-1.5	RUN-5 IBM-1	RUN-6 IBM-2	RUN-7 BELLCORE
SHAKER	ALAT	0.45	0.70	0.59	0.75	0.95	0.87
	AVRT	0.11	0.11	0.17	0.26	0 29	0 32
SLAB	ASEX	0.47	0.71	0.57	0 77	0.96	0.84
	ASWX	0.47	0.68	0.61	0.79	0.93	0.90
	ASCV	0.16	0.15	0.23	0 30	0.30	0.35
FLOOR	AFEX	0.54	0.73	0.59	0 90	1.20	1.30
LOWER	LRRX	0.82	1.08	0 85	1.00	2.29	2.71
	LRRY	0.63	0.36	0 21	0.26	0.32	0.35
	LRRZ	0 19	0.18	0.26	0.38	0 45	0.50
	LRFX	1.04	1.41	1.05	1.13	2.44	2.78
TOP	TRFX	2.53	2.90	2.23	2.04	4 09	4.00
	TRRX	1 70	2.15	1.75	1.60	4.05	4.09
	TRFZ	0.19	0.22	0.27	0.43	0 46	0.47
	TLRZ	0.25	0.22	0.28	0.47	0.83	0 63
DSD	DSDX	1.46	1.93	1.50	1.36	2.89	3 01
	DSDY	0.35	0.33	0.21	0 26	0.43	0.55
	DSDZ	0.46	0.39	0.55	0 74	0.70	0.63
FSD	FSDX	2.34	2 53	2.01	1 75	3.42	3.42
	FSDY	0.78	0.51	0.25	0.32	0.80	1.08
	FSDZ	0.53	0 28	0.41	0 99	0.89	0.67
Displacement [in.]		1 00	1.00	1.00	1.00	1 00	1.50

Table A-21 Maximum Acceleration Values(g's), 3/16 Wire Ropes, 80-Durometer Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		3/16 Wire Ropes 80 - Durometer Bushings					
		RUN-8 EC-3	RUN-9 EC-7	RUN-10 EC-1.5	RUN-11 IBM-1	RUN-12 IBM-2	RUN-13 BELLCORE
SHAKER	ALAT	0 45	0.70	0.57	0 77	0.95	0.97
	AVRT	0.11	0.11	0.17	0.26	0.28	0.35
SLAB	ASEX	0.46	0.71	0 56	0.80	0 96	0.94
	ASWX	0 46	0 69	0.59	0 82	0.93	1.02
	ASCV	0.13	0.13	0.20	0.28	0.30	0.38
FLOOR	AFEX	0.50	0.94	0.63	0.88	1.36	1.91
LOWER	LRRX	0 49	1 70	1.15	1.56	4.09	4.09
	LRRY	0.12	0 32	0.24	0 32	0.49	0.80
	LRRZ	0.21	0.39	0.35	0.50	1 41	1 76
	LRFX	0.45	1.40	1.09	1.60	4 09	4.09
TOP	TRFX	0.61	2 50	1.92	2 59	5.54	6.33
	TRRX	0.68	2.60	2.19	2 89	5.78	6.81
	TRFZ	0.23	0.30	0.38	0.47	1.30	1.76
	TLRZ	0.21	0.30	0.34	0.67	1 79	1.62
DSD	DSDX	0.55	1.88	1.49	2.12	3.91	5.15
	DSDY	0.16	0 30	0.31	0.34	0.56	1.20
	DSDZ	0.46	0.50	0.61	0.86	2.33	2.39
FSD	FSDX	0 53	2.18	1.72	2 36	4.73	5 30
	FSDY	0.28	0 42	0.56	0.60	1.55	2.09
	FSDZ	0.43	0.43	0.62	0.91	2.68	2.16
Displacement [in.]		1.00	2.50	2.00	2.50	3.00	3 50

Table A-22 Maximum Acceleration Values(g's), 3/16 Wire Ropes
Teflon Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		3/16 Wire Ropes Teflon Bushings		
		RUN-14 EC-3	RUN-15 EC-7 (failed)	RUN-16 EC-7
SHAKER	ALAT	0.45	0 70	0.70
	AVRT	0.11	0.11	0.12
SLAB	ASEX	0.46	0.72	0.71
	ASWX	0 45	0.68	0.68
	ASCV	0.13	0.16	0.16
FLOOR	AFEX	0.47	0.86	0.73
LOWER	LRRX	0.42	1 05	1.59
	LRRY	0.22	0 69	1.20
	LRRZ	0.20	0.78	0 35
	LRFX	0.45	1.06	1.45
TOP	TRFX	0 62	1.55	2.23
	TRRX	0 73	1.56	3.53
	TRFZ	0.23	0.95	0.24
	TLRZ	0.21	1.13	0.32
DSD	DSDX	0.56	1.04	2.02
	DSDY	0.20	0.48	0 32
	DSDZ	0.45	1.63	0 47
FSD	FSDX	0 53	1.35	1.98
	FSDY	0.31	0.84	0.85
	FSDZ	0 39	1.14	0.42
Displacemet [in]		1.00	36.00	3 00

Table A-23 Maximum Acceleration Values(g's), 5/32 Wire Ropes and Springs with Teflon Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		5/32 Wire Ropes With Springs, K=570 lb/in Teflon Bushings				
		RUN-18 EC-3	RUN-19 EC-7	RUN-20 EC-1.5	RUN-21 IBM-1	RUN-22 IBM-2
SHAKER	ALAT	0.45	0.70	0.57	0.77	0.95
	AVRT	0.11	0.11	0.17	0.26	0.28
SLAB	ASEX	0.46	0.71	0 55	0.79	0 97
	ASWX	0 46	0 68	0.58	0 81	0.93
	ASCV	0.13	0 15	0.22	0 32	0.31
FLOOR	AFEX	0.51	0.86	0.63	0.88	0.98
LOWER	LRRX	0 65	1.69	2.32	3.43	2.97
	LRRY	0.23	0.50	0.63	0.86	1.06
	LRRZ	0.27	0.86	1.97	1.98	1 82
	LRFX	0.49	1.78	2.15	3.07	3.19
TOP	TRFX	0.71	1.78	3.18	2 98	3.31
	TRRX	0.81	1.81	3.30	3.07	3.27
	TRFZ	0.27	0.77	1.89	2.00	1.98
	TLRZ	0.27	1.46	2.00	2 36	2.45
DSD	DSDX	0.61	1.50	3.76	3 83	3.83
	DSDY	0.12	0.42	0 59	0.91	0.94
	DSDZ	0.59	1 51	3.44	4.03	3.48
FSD	FSDX	0.64	1 44	2.84	3 14	2.99
	FSDY	0.24	0.62	0.91	1.39	1.32
	FSDZ	0 39	1.67	2.55	3.10	3.08
Displacement [in]		2.00	4.00	3.50	3.50	5.50

Table A-24 Maximum Acceleration Values(g's), 5/32 Wire Ropes and Brackets with Teflon Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		5/32 Wire Ropes & Brackets Teflon Bushings			
		RUN-23 EC-3	RUN-24 EC-7	RUN-25 EC-1.5	RUN-26 IBM-1
SHAKER	ALAT	0.58	0.76	0.94	0.95
	AVRT	0.17	0.25	0.29	0.35
SLAB	ASEX	0.56	0.77	0 97	0.93
	ASWX	0.60	0.79	0.94	1.01
	ASCV	0.22	0 30	0.30	0.40
FLOOR	AFEX	0.61	0.94	1.79	2.20
LOWER	LRRX	1.06	1.69	4.09	4.09
	LRRY	0.35	0.54	1.12	1.02
	LRRZ	0.38	0 50	1.21	1.66
	LRFX	1.31	1 93	3 96	4.09
TOP	TRFX	2.25	3.10	6.65	6.95
	TRRX	1.82	2.51	5.96	7.99
	TRFZ	0.31	0.52	1.18	1.75
	TLRZ	0.31	0.45	1.61	2.05
DSD	DSDX	1.49	2.19	3.60	5.86
	DSDY	0.23	0 43	0.71	0.75
	DSDZ	0.71	0.97	1.98	2 18
FSD	FSDX	1 95	2.67	5.84	6.14
	FSDY	0.43	0.82	1.47	1.71
	FSDZ	0.48	1.17	2.21	3.60
Displacement [in.]		1.50	2.00	2.50	2.75

Table A-25 Maximum Acceleration Values(g's), Toggle Bars, Aluminum Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		Toggle Bars Aluminum Bushings					
		RUN-27 EC-3	RUN-28 EC-7	RUN-29 EC-1.5	RUN-30 IBM-1	RUN-31 IBM-2	RUN-32 BELLCORE
SHAKER	ALAT	0.44	0.71	0.57	0 76	0.95	0.97
	AVRT	0.11	0.11	0.16	0.25	0.28	0.36
SLAB	ASEX	0.46	0.72	0.56	0.75	0.96	0.94
	ASWX	0.45	0.69	0.59	0.76	0.93	1.02
	ASCV	0.13	0.13	0.23	0.31	0.29	0.37
FLOOR	AFEX	0.57	0 70	0 55	0.86	1.34	1.64
LOWER	LRRX	0.84	1.22	1.34	1.40	3.33	3.67
	LRRY	0.25	0.36	0.37	0.36	0.57	0.45
	LRRZ	0.20	0.17	0.28	0.41	0.71	0.77
	LRFX	0.95	1.32	1.36	1.25	3.50	3.42
TOP	TRFX	1.48	2.35	2.49	2.72	4.32	5.48
	TRRX	1.36	1.91	2.22	2.24	4.63	5.89
	TRFZ	0.17	0.20	0.29	0.43	0.64	0.69
	TLRZ	0.20	0.23	0.28	0 41	0.79	1.17
DSD	DSDX	0.03	0 03	0.02	0.03	0.03	0.03
	DSDY	0.03	0.03	0.03	0.03	0.03	0.03
	DSDZ	0 03	0.03	0 03	0.03	0.03	0.02
FSD	FSDX	0.05	0.05	0.05	0.04	0.05	0.06
	FSDY	0.07	0.07	0.07	0.06	0.07	0.07
	FSDZ	0.06	0.06	0.05	0.04	0.06	0.04
Displacement [in.]		0.75	1.00	0.75	1.00	1.50	1 75

Table A-26 Maximum Acceleration Values(g's), Toggle Bars Loose, Aluminum Bushings, Frame-8, June 1992

IBM0692 FRAME - 8		Toggle Bars Loose Aluminum Bushings	
		RUN-33 IBM-1	RUN-34 IBM-2
SHAKER	ALAT	0.75	0.95
	AVRT	0.26	0.29
SLAB	ASEX	0.79	0.96
	ASWX	0.81	0.93
	ASCV	0.30	0 29
FLOOR	AFEX	1.06	1.64
LOWER	LRRX	1.79	3.33
	LRRY	0.55	0.87
	LRRZ	0.86	1.23
	LRFX	2.16	3.85
TOP	TRFX	2.52	5.57
	TRRX	2.92	6.95
	TRFZ	1.03	1.55
	TLRZ	1.17	1.73
DSD	DSDX	0.04	0 03
	DSDY	0.02	0.03
	DSDZ	0.03	0.03
FSD	FSDX	0.05	0.03
	FSDY	0.07	0 07
	FSDZ	0 05	0.06
Displacement [in.]		1.75	2.50

Table A-27 Maximum Acceleration Values(g's), Normal Levelers-Plastic Coating, X-Axis, Frame-8, June 1992

IBM0692 FRAME - 8		Normal Levelers - Plastic Coating X-Axis, Raised Casters				
		RUN-37 EC-1	RUN-38 EC-3	RUN-39 EC-5	RUN-40 EC-7	RUN-41 IBM-1
SHAKER	ALAT	0.36	0.44	0.39	0.71	0.74
	AVRT	0.11	0.11	0.11	0.11	0.25
SLAB	ASEX	0.35	0.46	0.40	0.72	0.77
	ASWX	0.35	0.46	0.38	0.69	0.79
	ASCV	0.12	0.14	0.13	0.13	0.31
FLOOR	AFEX	0.46	0.49	0.45	0.79	0.96
LOWER	LRRX	0.60	0.67	0.70	0 68	0.75
	LRRY	0.15	0.15	0.19	0.20	0.28
	LRRZ	0.34	0.45	0.51	0.46	0.75
	LRFX	0.60	0.74	0.76	0.81	0 92
TOP	TRFX	0.60	0.68	0.61	0.84	0.88
	TRRX	0.63	0 73	0.67	0.73	0.97
	TRFZ	0.29	0.49	0.58	0.52	0.69
	TLRZ	0.52	0.38	0.50	0.44	0.63
DSD	DSDX	0.03	0.76	0.70	0.70	1.03
	DSDY	0.03	0.18	0.19	0.18	0.26
	DSDZ	0.03	0.64	0.63	0.62	1.13
FSD	FSDX	0.07	0.21	0.24	0.35	0.39
	FSDY	0.06	0.66	0.55	0.75	1.03
	FSDZ	0.06	0.46	0.52	0.44	0.79
Displacement [in.]		4.00	4.00	4.00	8.00	15.00

Table A-28 Maximum Acceleration Values(g's), Normal Levelers-Plastic Coating, Y-Axis, Frame-8, June 1992

IBM0692 FRAME - 8		Normal Levelers - Plastic Coating Y-Axis. Raised Casters			
		RUN-42 EC-3	RUN-43 EC-7	RUN-44 IBM-1	RUN-45 IBM-2
SHAKER	ALAT	0.45	0.72	0.76	0 95
	AVRT	0.11	0.11	0.26	0 28
SLAB	ASEX	0.46	0.72	0.78	0.98
	ASWX	0.46	0.70	0 80	0.95
	ASCV	0.14	0.13	0.30	0.30
FLOOR	AFEX	0.50	0.85	0.95	1.31
LOWER	LRRX	0.21	0.36	0.46	0.81
	LRRY	0.58	0.56	0.74	0.70
	LRRZ	0.41	0.32	0.52	0 64
	LRFX	0.64	0.62	0.81	0.77
TOP	TRFX	0.70	0.70	0.84	0.97
	TRRX	0.34	0.47	0.59	0.82
	TRFZ	0.44	0.36	0.60	0.74
	TLRZ	0.41	0.36	0.61	0.74
DSD	DSDX	0.47	0.48	0.79	0.76
	DSDY	0.60	0.55	0.61	0.75
	DSDZ	0.60	0.48	0.92	0.98
FSD	FSDX	0.62	0.68	0.67	0.88
	FSDY	0.28	0.40	0 48	0.70
	FSDZ	0.50	0.48	0 87	0.99
Displacement [in.]		5.00	10.00	9.50	16.00

Table A-29 Maximum Acceleration Values(g's), Normal Levelers-Plastic Coating, X-Axis, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Normal Levelers - Plastic Coating X-Axis, Raised Casters				
		RUN-46 EC-3	RUN-47 EC-7	RUN-48 IBM-1	RUN-49 IBM-2	RUN-50 BELLCORE
SHAKER	ALAT	0.45	0.71	0.75	0.96	0.96
	AVRT	0.12	0.11	0.26	0.29	0.37
SLAB	ASEX	0.46	0 72	0 77	0 97	0.94
	ASWX	0.46	0.69	0.80	0.95	1.01
	ASCV	0.14	0.14	0.30	0.30	0.35
FLOOR	AFEX	0 48	0.87	0.89	1.02	1.28
LOWER	LRRX	0.81	0.65	0.73	1.15	0.81
	LRRY	0.29	0.25	0.26	0.50	0 44
	LRRZ	0.00	0.48	0 84	1 44	1.50
	LRFX	0.65	0 60	0.65	1.13	1.05
TOP	TRFX	0.77	0.84	0.86	0.93	1.01
	TRRX	0.92	0.89	1.03	1.42	1.39
	TRFZ	0.36	0.45	0 78	1.23	1.55
	TLRZ	0.56	0.52	0.99	1.17	1.16
DSD	DSDX	0 70	0.59	0.65	1.10	0 81
	DSDY	0.27	0.17	0.17	0.32	0.33
	DSDZ	0.59	0.60	0 99	1.28	1.16
FSD	FSDX	0.50	0.46	0 64	0.81	0.69
	FSDY	0.17	0.14	0.12	0 19	0.26
	FSDZ	0.59	0.60	0 92	1.11	1.01
Displcament [in]		2.25	8.50	8 00	16.00	24.00

Table A-30 Maximum Acceleration Values(g's), Toggle Bars, 80-Durometer, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Toggle Bars 80 - Durometer Bushings				
		RUN-51 EC-3	RUN-52 EC-7	RUN-53 IBM-1	RUN-54 IBM-2	RUN-55 BELLCORE
SHAKER	ALAT	0 45	0 70	0.78	0 94	0 97
	AVRT	0.11	0.11	0.26	0.28	0.36
SLAB	ASEX	0 47	0.71	0.79	0.95	0.95
	ASWX	0.47	0 68	0.81	0.93	1.03
	ASCV	0.15	0.15	0.31	0.30	0.36
FLOOR	AFEX	0.49	0.79	0.82	1.47	1.57
LOWER	LRRX	0 66	1.02	1.11	2.23	2 67
	LRRY	0 23	0 25	0.30	0.58	0.99
	LRRZ	0.19	0 21	0.43	0.32	0.50
	LRFX	0.64	0.86	1.27	2.81	2.92
TOP	TRFX	1.49	1.60	1.93	4.18	5.26
	TRRX	1.39	1.73	1.86	3.30	4 45
	TRFZ	0.22	0.19	0.47	0.52	0 71
	TLRZ	0 31	0 29	0.57	0 91	0 84
DSD	DSDX	0.56	1.03	1.17	2 30	3.41
	DSDY	0.30	0.23	0.25	0.46	0.42
	DSDZ	0.41	0.41	0 68	0.54	0.63
FSD	FSDX	0.96	1.07	1.14	2 11	3 27
	FSDY	0.26	0.28	0.27	0.50	0.50
	FSDZ	0.35	0.35	0.66	0 74	0.65
Displacement [in.]		0 25	0 50	0 50	0.50	2.50

Table A-31 Maximum Acceleration Values(g's), Toggle Bars and NTT Levelers, 80-Durometer, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Toggle Bars & NTT Levelers 80 - Durometer Bushings				
		RUN-56 EC-3	RUN-57 EC-7	RUN-58 IBM-1	RUN-59 IBM-2	RUN-60 BELLCORE
SHAKER	ALAT	0.45	0.70	0.76	0.94	0.98
	AVRT	0.11	0.11	0.27	0.29	0.35
SLAB	ASEX	0.47	0.71	0.78	0.96	0 95
	ASWX	0.47	0.69	0.81	0 94	1 03
	ASCV	0.16	0.16	0.34	0.30	0.35
FLOOR	AFEX	0.48	0 75	0.93	1.34	1.35
LOWER	LRRX	0.47	0.71	0.93	1.39	2.34
	LRRY	0.11	0.16	0.30	0.40	0.46
	LRRZ	0.20	0.20	0.46	0.32	0.65
	LRFX	0.63	0.78	1.19	2.03	1.87
TOP	TRFX	2.05	2.33	1.90	3.52	3.66
	TRRX	1.92	2.34	1.91	3 06	3.26
	TRFZ	0.30	0.24	0.49	0 62	0.80
	TLRZ	0.33	0 31	0.65	0.73	0.74
DSD	DSDX	0.63	0.79	0.96	1.62	2.59
	DSDY	0.08	0.15	0.18	0.26	0.30
	DSDZ	0.46	0.35	0.71	0.50	0 60
FSD	FSDX	1.03	1.32	1.34	2.15	2.78
	FSDY	0.11	0.14	0.18	0.27	0.31
	FSDZ	0.36	0.41	0 79	0.64	0.62
Displacement [in.]		0.00	0.50	0.50	1.00	1.25

Table A-32 Maximum Acceleration Values(g's), Toggle Bars and Casters, Aluminum Bushings, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Toggle Bars & Casters Aluminum Bushings				
		RUN-61 EC-3	RUN-62 EC-7	RUN-63 IBM-1	RUN-64 IBM-2	RUN-65 BELLCORE
SHAKER	ALAT	0 44	0.69	0.75	0.93	0.95
	AVRT	0.10	0.11	0.26	0.29	0.35
SLAB	ASEX	0.47	0.70	0.78	0.96	0.94
	ASWX	0 47	0.67	0.80	0.93	1.01
	ASCV	0.14	0.15	0.31	0.30	0.35
FLOOR	AFEX	0.49	0.85	0.80	1.62	1.81
LOWER	LRRX	0.50	1.06	1.13	2.28	2.58
	LRRY	0.30	0.40	0.54	0.62	0.66
	LRRZ	0.21	0.19	0 46	0.40	0.56
	LRFX	0.84	1.21	1.51	3.04	2.87
TOP	TRFX	1.67	1.49	1.94	4.48	5.33
	TRRX	1.30	1.73	2.36	4.26	4.37
	TRFZ	0.21	0.21	0.48	0.62	0.74
	TLRZ	0.34	0.36	0.62	0.69	1.16
DSD	DSDX	0.53	1.06	1.09	3.13	3.38
	DSDY	0.26	0.29	0.33	0 55	0.92
	DSDZ	0.51	0.47	0.75	0 67	0.68
FSD	FSDX	0.68	1.05	1.17	2.78	2.92
	FSDY	0 27	0.26	0.39	0.66	0.58
	FSDZ	0.46	0.49	0.76	0.50	0.84
Displacement [in]		0 50	0.75	1.00	1.25	1.75

Table A-33 Maximum Acceleration Values(g's), Toggle Bars and NTT Levelers, Aluminum Bushings, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Toggle Bars With NTT Levelers Aluminum Bushings				
		RUN-66 EC-3	RUN-67 EC-7	RUN-68 IBM-1	RUN-69 IBM-2	RUN-70 BELLCORE
SHAKER	ALAT	0.45	0.71	0.74	0.95	0.96
	AVRT	0.11	0.11	0.26	0.28	0.35
SLAB	ASEX	0.46	0.71	0.76	0.96	0.95
	ASWX	0.46	0.69	0 79	0.93	1.03
	ASCV	0.15	0.13	0.31	0.30	0.35
FLOOR	AFEX	0.48	0.72	0.89	1.37	1.66
LOWER	LRRX	0.41	0.70	1.01	1.41	2.42
	LRRY	0.23	0.17	0.29	0.36	0.56
	LRRZ	0.20	0.18	0.44	0.31	0.72
	LRFX	0.63	0.80	1.13	2.02	1.99
TOP	TRFX	1.62	2.09	1.65	3.92	3.57
	TRRX	1.88	2.21	1.77	3.11	3 41
	TRFZ	0.30	0.30	0.50	0.72	0.86
	TLRZ	0.34	0 30	0.58	0.85	0.84
DSD	DSDX	58.00	0 80	1.03	1.75	3.48
	DSDY	0.16	0.16	0.16	0 26	0.35
	DSDZ	0 48	0.43	0.66	0.56	0.62
FSD	FSDX	1.10	1.17	1.27	2.10	2.86
	FSDY	0.16	0.14	0.15	0.29	0.39
	FSDZ	0.42	0.45	0.76	0.63	0.75
Displacement [in.]		0.00	0.50	0.50	0.75	1.25

Table A-34 Maximum Acceleration Values(g's), Toggle Bars Loose, Aluminum Bushings, Endicott Frame, June 1992

IBM0692 ENDICOTT FRAME		Toggle Bars Loose Aluminum Bushings	
		RUN-71 IBM-1	RUN-72 IBM-2
SHAKER	ALAT	0.76	0.93
	AVRT	0.26	0.29
SLAB	ASEX	0 77	0.96
	ASWX	0.78	0.93
	ASCV	0.34	0.32
FLOOR	AFEX	1.09	1.44
LOWER	LRRX	2.09	3.08
	LRRY	0.62	1.17
	LRRZ	1.71	2.48
	LRFX	1.99	3.16
TOP	TRFX	3 54	5.12
	TRRX	3.42	4.26
	TRFZ	1.79	2.27
	TLRZ	2.23	2.20
DSD	DSDX	2.46	3.98
	DSDY	0.50	1.31
	DSDZ	1.88	2.38
FSD	FSDX	1.79	3 68
	FSDY	0.28	0.46
	FSDZ	2.14	2.32
Displacement [in.]		1.75	2.00

Table A-35 Maximum Acceleration Values(g's), Casters, Non Operational, Frame-1, June 1992

IBM0692 FRAME - 1		Casters Non-Operational	
		RUN-73 EC-1	RUN-74 EC-3
SHAKER	ALAT	0.37	0.45
	AVRT	0.11	0.11
SLAB	ASEX	0.35	0.46
	ASWX	0.35	0 46
	ASCV	0.14	0 12
FLOOR	AFEX	0.44	0.47
LOWER	LRRX	0.44	0.42
	LRRY	0.24	0.26
	LRRZ	0.21	0.28
	LRFX	0.40	0.41
TOP	TRFX	0.40	0.42
	TRRX	0.53	0.49
	TRFZ	0.18	0.18
	TLRZ	0.20	0.20
DSD	DSDX	0.20	0.20
	DSDY	0.13	0.13
	DSDZ	0.15	0.18
FSD	FSDX	0.32	0.23
	FSDY	0.35	0.41
	FSDZ	0.67	0.70
Displacement [in.]		5.00	12.00

Table A-36 Maximum Acceleration Values(g's), NTT Levelers, Frame-1, June 1992

IBM0692 FRAME - 1		NTT Levelers			
		RUN-75 EC-1	RUN-76 EC-3	RUN-77 EC-5	RUN-78 EC-7
SHAKER	ALAT	0.36	0.45	0.38	0.71
	AVRT	0.11	0.11	0 11	0.11
SLAB	ASEX	0.35	0 46	0.39	0.71
	ASWX	0.36	0.46	0.38	0.69
	ASCV	0.13	0.13	0.13	0.12
FLOOR	AFEX	0 40	0.44	0.46	0.90
LOWER	LRRX	0.42	0.49	0.60	0 77
	LRRY	0.24	0.33	0.23	0 38
	LRRZ	0.28	0 30	0 36	0 49
	LRFX	0.51	0 69	0.51	0.76
TOP	TRFX	0 83	0 84	0.53	0.85
	TRRX	0 73	0.68	0.75	0.91
	TRFZ	0 19	0 26	0.19	0.25
	TLRZ	0.17	0.30	0.17	0.24
DSD	DSDX	0.38	0.47	0 41	0 49
	DSDY	0.16	0.25	0.10	0.23
	DSDZ	0.23	0.33	0.16	0.33
FSD	FSDX	0.51	0.49	0.34	0.50
	FSDY	0 43	0.50	0.40	0 65
	FSDZ	0.59	0.50	0 71	0.93
Displacement [in]		2 50	1.50	4 50	9.00

Table A-37 Maximum Acceleration Values(g's), Normal Levelers, Plastic Coating, Frame-1, June 1992

IBM0692 FRAME - 1		Normal Levelers Plastic Coating			
		RUN-79 EC-1	RUN-80 EC-3	RUN-81 EC-5	RUN-82 EC-7
SHAKER	ALAT	0.37	0.44	0 38	0.71
	AVRT	0 11	0.11	0.11	0.11
SLAB	ASEX	0 36	0.46	0.39	0 71
	ASWX	0.37	0.46	0.38	0.69
	ASCV	0.13	0.14	0.12	0.14
FLOOR	AFEX	0 44	0 49	0.43	0.79
LOWER	LRRX	0.73	0.43	0 52	0.77
	LRRY	0.26	0.27	0 17	0.24
	LRRZ	0.35	0.33	0.32	0.36
	LRFX	0.59	0.57	0.59	0.95
TOP	TRFX	0.82	0.83	0.60	1.22
	TRRX	0.65	0.72	0.59	0.86
	TRFZ	0.23	0.39	0 20	0.22
	TLRZ	0.30	0.34	0.13	0.33
DSD	DSDX	0 41	0.39	0.41	0.45
	DSDY	0.13	0.12	0.17	0.28
	DSDZ	0.33	0.50	0.17	0.36
FSD	FSDX	0.42	0.44	0.36	0 41
	FSDY	0.34	0.33	0.47	0 46
	FSDZ	0 62	0.71	0.60	0.57
Displacement [in.]		3.00	1.00	3.00	14 00

Table A-38 Maximum Acceleration Values(g's), Toggle Bars, 80-Durometer Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		Toggle Bars 80 - Durometer Bushings						
		RUN-83 EC-3	RUN-84 EC-7	RUN-85 EC-1.5	RUN-86 IBM-1	RUN-87 IBM-2	RUN-88 BELLCORE (failed)	RUN-89 BELLCORE
SHAKER	ALAT	0.44	0.70	0.58	0.74	0.92	1 01	1.05
	AVRT	0.11	0.11	0.17	0.25	0.29	0.35	0.35
SLAB	ASEX	0.46	0.71	0.56	0.74	0.93	1.00	1.05
	ASWX	0.46	0.69	0.60	0.76	0 91	1 06	1 11
	ASCV	0.13	0 14	0.21	0 30	0 30	0 37	0 36
FLOOR	AFEX	0.50	0.83	0.59	0.87	1.59	1.50	1.33
LOWER	LRRX	0.44	1.25	1.03	1.22	2 01	2.56	2.94
	LRRY	0.16	0.22	0.40	0.41	0 73	0 99	0.60
	LRRZ	0.14	0.26	0.23	0.32	0.73	1.58	0.96
	LRFX	0.66	1.06	1.32	1.47	2.75	2.92	2.90
TOP	TRFX	0.79	1.75	2.00	2.03	3.51	4.63	5.13
	TRRX	0.65	1.57	1.31	1.40	4.73	5.20	4.97
	TRFZ	0.22	0.20	0.29	0.57	0.61	0.85	0.95
	TLRZ	0.16	0.20	0.40	0 43	1 09	0.97	1.09
DSD	DSDX	0 56	1.11	1.10	1 18	2 61	2.96	2.95
	DSDY	0.11	0.18	0.11	0.16	0.29	0.60	0.46
	DSDZ	0.17	0.18	0.25	0.47	0.63	0.76	0.73
FSD	FSDX	0.23	0.34	0.33	0.37	0.75	1.07	0.72
	FSDY	0.66	1.24	1.16	1.25	2.58	3.84	3.13
	FSDZ	0.39	0.78	0.67	0.78	2.17	4.55	2.29
Displacement [in]		0 00	1.00	1.00	1.25	2.25		2.75

Table A-39 Maximum Acceleration Values(g's), Toggle Bars, Aluminum Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		Toggle Bars Aluminum Bushings					
		RUN-90 EC-3	RUN-91 EC-7	RUN-92 EC-1.5	RUN-93 IBM-1	RUN-94 IBM-2	RUN-95 BELLCORE
SHAKER	ALAT	0.44	0.70	0 57	0.75	0 93	0 94
	AVRT	0.11	0.11	0.17	0.26	0.29	0.35
SLAB	ASEX	0.46	0.70	0.56	0.74	0.94	0.95
	ASWX	0.46	0.68	0 60	0.76	0.92	1.01
	ASCV	0.12	0 14	0.18	0.31	0.30	0.35
FLOOR	AFEX	0.50	1.00	0.66	1.17	1.48	2.24
LOWER	LRRX	0.70	1.23	1.48	1.39	2.66	2.81
	LRRY	0.24	0.30	0.46	0.24	0.76	0.80
	LRRZ	0.20	0.33	0.38	0.36	0.83	0.76
	LRFX	0 88	1.32	1.50	1.68	2.93	3.42
TOP	TRFX	1.34	2 19	2 47	2.76	3.95	5.00
	TRRX	1.07	1.77	1.80	1.96	4.70	4.61
	TRFZ	0.20	0.26	0.31	0.48	0.61	0.72
	TLRZ	0.21	0.23	0.40	0.42	1.05	1.42
DSD	DSDX	0.71	1.47	1.34	1.36	2.45	2.94
	DSDY	0.16	0.24	0.22	0.31	0.35	0.42
	DSDZ	0.20	0.20	0.27	0.50	0.78	0 99
FSD	FSDX	0.26	0.38	0.47	0.56	0.98	1.12
	FSDY	0.82	1.39	1 51	1.66	2.93	3.01
	FSDZ	0.55	0 78	0.81	0.86	2.38	2.17
Displacement [in.]		1.00	1.25	1.00	1.25	1.75	2.25

Table A-40 Maximum Acceleration Values(g's), 5/32 Wire Ropes, Teflon Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		5/32 Wire Ropes With Brackets Teflon Bushings					
		RUN-96 EC-3	RUN-97 EC-7	RUN-98 EC-1.5	RUN-99 IBM-1	RUN-100 IBM-2	RUN-101 BELLCORE (failure)
SHAKER	ALAT	0 45	0.39	0.58	0.72	0.91	1.07
	AVRT	0.11	0.11	0.17	0.26	0.29	0.34
SLAB	ASEX	0.46	0.40	0 57	0.74	0.92	1.05
	ASWX	0.46	0.39	0.60	0.75	0.90	1.09
	ASCV	0.14	0.13	0.19	0.31	0.30	0.33
FLOOR	AFEX	0.52	0.44	0.64	0.86	1.49	1.93
LOWER	LRRX	0 49	0.62	1.11	1.69	2.53	3.96
	LRRY	0 25	0.16	0.24	0.47	0.98	3.01
	LRRZ	0.16	0.15	0.32	0.48	1.02	2.16
	LRFX	0.48	0.67	1.23	1.84	4.09	4.09
TOP	TRFX	0.65	1.19	2.08	3.26	4.95	6.30
	TRRX	0.68	1.02	1.83	2.71	5.65	7.96
	TRFZ	0.19	0.20	0.34	0.50	1.56	2.96
	TLRZ	0 15	0.17	0.24	0.65	1.54	2.08
DSD	DSDX	0 46	0.74	1.26	1.85	2.83	3.27
	DSDY	0.15	0.11	0.28	0.37	0.66	1.26
	DSDZ	0.16	0.18	0.28	0.56	1.14	3.15
FSD	FSDX	0.32	0.25	0.59	0.74	1.08	2.00
	FSDY	0.59	0.78	1.29	1.91	3.50	5 71
	FSDZ	0.32	0.35	0.78	1.23	4.05	5.85
Displacement [in.]		1.00	1.50	1.75	2.25	3.00	

Table A-41 Maximum Acceleration Values(g's), NTT Levelers with Toggle Bars, Aluminum Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		NTT Levelers With Toggle Bars Aluminum Bushings						
		RUN-102 EC-3	RUN-103 EC-5	RUN-104 EC-1.5	RUN-105 EC-7	RUN-106 IBM-1	RUN-107 IBM-2	RUN-108 BELLCORE
SHAKER	ALAT	0.45	0.38	0.58	0.00	0.74	0.92	1.06
	AVRT	0.11	0.11	0.17	0.00	0.25	0.28	0.35
SLAB	ASEX	0.46	0.39	0.57	0.00	0 74	0.93	1.03
	ASWX	0.46	0.39	0.60	0.00	0.74	0.91	1.09
	ASCV	0.14	0.14	0.20	0.00	0.31	0.30	0.35
FLOOR	AFEX	0.42	0 43	0.67	0.00	0.81	1.21	2.27
LOWER	LRRX	0.45	0.52	0.86	0.01	0.98	2.13	2.19
	LRRY	0.15	0.09	0.27	0.00	0.27	0.44	0.40
	LRRZ	0.20	0.16	0.28	0.00	0.41	0.57	0.64
	LRFX	0.66	0.55	0.86	0.01	1.26	2.80	2.82
TOP	TRFX	1.60	0.84	2 45	0.01	1 86	3 87	5 77
	TRRX	0.83	0.70	1.56	0.01	1.59	3.89	3.89
	TRFZ	0.24	0.23	0.31	0.00	0.48	0.45	0.63
	TLRZ	0.17	0 17	0.28	0 00	0.39	0.91	1.26
DSD	DSDX	0.79	0.60	1.20	0.04	1.03	2.10	3.03
	DSDY	0.14	0.07	0 18	0.03	0.17	0.29	0.44
	DSDZ	0.20	0.18	0.25	0.03	0.43	0.57	1.03
FSD	FSDX	0.31	0.17	0.42	0.07	0.42	0.63	0.92
	FSDY	0.78	0.64	1.20	0.07	1.07	2.35	2.97
	FSDZ	0.42	0.42	0 54	0.06	1.08	1 10	1.09
Displacement [in.]		0.00	0.00	0.00	0.75	0.75	1.25	1.75

Table A-42 Maximum Acceleration Values(g's), NTT Levelers with 3/16 Wire Ropes, Aluminum Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		NTT Levelers With 3/16 Wire Ropes Aluminum Bushings					
		RUN-109 EC-3	RUN-110 EC-7	RUN-111 EC-1.5	RUN-112 IBM-1	RUN-113 IBM-2	RUN-114 BELLCORE
SHAKER	ALAT	0.46	0.70	0.57	0.76	0.94	0.97
	AVRT	0.11	0 11	0.17	0.25	0.28	0.35
SLAB	ASEX	0.47	0.71	0.56	0.76	0.96	0.96
	ASWX	0.46	0.69	0.59	0.77	0.93	1 02
	ASCV	0.14	0.13	0.20	0.31	0.31	0.35
FLOOR	AFEX	0.50	0.84	0.70	0.99	1.35	1.42
LOWER	LRRX	0.40	0.77	0.80	0.95	2.23	2.44
	LRRY	0.13	0.20	0.14	0.21	0.50	0.64
	LRRZ	0.14	0.18	0.22	0.31	0.54	0.76
	LRFX	0.56	1.09	0.92	1.29	2.82	2.59
TOP	TRFX	1.27	1.77	2.79	2.08	4.13	5.93
	TRRX	0.82	1.27	1.22	1.29	3.39	4.15
	TRFZ	0.18	0.24	0.32	0.40	0.63	0 74
	TLRZ	0.14	0.25	0.25	0.38	0.77	1.00
DSD	DSDX	0.66	0.98	1.26	0.99	2.15	3.35
	DSDY	0.12	0.14	0.22	0.15	0 30	0.41
	DSDZ	0.21	0.28	0.31	0.53	0.81	1.11
FSD	FSDX	0.35	0.44	0.52	0.38	0.95	1.10
	FSDY	0.64	0.98	1 17	0.93	2.42	3.10
	FSDZ	0.42	0.35	0.61	0.92	1.39	1.89
Displacement [in.]		0.25	0.75	0.75	0.75	1.25	2.00

Table A-43 Maximum Acceleration Values(g's), 3/16 Wire Ropes, Teflon Bushings, Frame-1, June 1992

IBM0692 FRAME - 1		3/16 Wire Rope Teflon Bushings					
		RUN-115 EC-3	RUN-116 EC-7	RUN-117 EC-1.5	RUN-118 IBM-1	RUN-119 IBM-2	RUN-120 BELLCORE
SHAKER	ALAT	0.45	0.71	0.58	0.77	0.93	0.96
	AVRT	0.11	0.12	0.17	0.25	0.29	0.36
SLAB	ASEX	0.47	0 71	0.57	0.77	0.95	0.95
	ASWX	0.46	0 69	0.60	0.79	0.93	1.01
	ASCV	0.15	0.14	0.21	0.32	0.31	0.35
FLOOR	AFEX	0.48	0.87	0.62	1.09	1.53	1.71
LOWER	LRRX	0.57	1.20	0.74	1.08	2.32	3.96
	LRRY	0.24	0.32	0.31	0.31	0.73	1.03
	LRRZ	0.17	0.33	0.22	0.36	0.82	1.31
	LRFX	0.80	1.55	1.54	1.73	3.69	4.09
TOP	TRFX	0.97	2.30	2.40	3.32	6.35	7.60
	TRRX	0.67	1.91	1.55	2.43	4.16	5.96
	TRFZ	0.24	0.34	0.35	0.60	1.84	2.29
	TLRZ	0.16	0.36	0.37	0.77	1.33	1.87
DSD	DSDX	0 34	1.39	0.94	1.65	2.91	3.51
	DSDY	0.13	0.24	0.36	0.41	0.56	0.70
	DSDZ	0.20	0.25	0.29	0.55	1.01	1.83
FSD	FSDX	0.35	0.47	0.56	0.50	1.22	1.78
	FSDY	0.53	1.51	1.10	1.57	2.67	3.78
	FSDZ	0.35	0.66	0.52	0.88	3.35	4.57
Displacement [in.]		0.75	2.25	1.25	2.25	2.75	4.00

Table A-44 Maximum Acceleration Values(g's), Springs with 3/16 Wire Ropes, Frame-1, June 1992

IBM0692 FRAME - 1		Springs With 3/16 Wire Ropes K=570 lbs/in			
		RUN-121 EC-3	RUN-122 EC-7	RUN-123 EC-1.5	RUN-124 IBM-1
SHAKER	ALAT	0.45	0.71	0.60	0.75
	AVRT	0.12	0.11	0.17	0.26
SLAB	ASEX	0.46	0.72	0.57	0.78
	ASWX	0.46	0.68	0.61	0.80
	ASCV	0.15	0.13	0.22	0.36
FLOOR	AFEX	0.52	0.94	0.83	1.20
LOWER	LRRX	0.46	2.14	2.56	2 14
	LRRY	0.20	0.64	0.96	1.19
	LRRZ	0.14	1.27	2.13	1.92
	LRFX	0.63	2.37	2.92	2.96
TOP	TRFX	0.84	2.23	4.05	3.53
	TRRX	0.82	2.27	3.13	3.26
	TRFZ	0.23	1.31	2.21	2.05
	TLRZ	0.18	1.23	1.45	1.97
DSD	DSDX	0.41	1.28	1.33	1.42
	DSDY	0 12	0.46	0.23	0.55
	DSDZ	0 17	1.25	1.39	2.50
FSD	FSDX	0.16	0.90	0.60	0.98
	FSDY	0.48	2.07	1.45	2.28
	FSDZ	0.41	2.26	3 41	5.09
Displacement [in]		0.75	4.00	4 00	4.75

Table A-45 Maximum Acceleration Values(g's), Springs with 3/16 Wire Ropes, Frame-1, June 1992

IBM0692 FRAME - 1		Springs, K=230 lbs/in. 3/16 Wire Ropes
		RUN-125
		EC-3
SHAKER	ALAT	0.45
	AVRT	0.11
SLAB	ASEX	0.46
	ASWX	0.46
	ASCV	0 13
FLOOR	AFEX	0.59
LOWER	LRRX	1.88
	LRRY	0.65
	LRRZ	1.48
	LRFX	2.43
TOP	TRFX	3.22
	TRRX	2.13
	TRFZ	1.81
	TLRZ	1.67
DSD	DSDX	1.05
	DSDY	0.26
	DSDZ	1.31
FSD	FSDX	0.68
	FSDY	1.70
	FSDZ	2.58
Displacement [in.]		5.25

Table A-46 Maximum Acceleration Values(g's), Fixed to Ground, X-Axis, Frame-1, June 1992

IBM0692 FRAME - 1		Fixed To Ground (Slab) X-Axis, No Raised Floor Surface					
		RUN-126 EC-3	RUN-127 EC-7	RUN-128 EC-1.5	RUN-129 IBM-1	RUN-130 IBM-2	RUN-131 BELLCORE
SHAKER	ALAT	0.45	0.70	0.60	0.71	0.93	0.99
	AVRT	0.10	0.11	0.16	0.26	0.29	0.35
SLAB	ASEX	0.97	0.71	0.58	0 72	0.96	0.98
	ASWX	0.47	0.68	0 62	0.74	0.94	1.04
	ASCV	0.14	0.14	0.20	0.30	0.30	0.36
FLOOR	AFEX	0.00	0.00	0.00	0.00	0.00	0.00
LOWER	LRRX	0.47	0.70	0.63	0.73	0.98	1.08
	LRRY	0 10	0.12	0.08	0.11	0.14	0.14
	LRRZ	0 14	0.18	0.20	0.30	0.31	0.51
	LRFX	0.49	0.73	0.62	0.76	0.96	1.02
TOP	TRFX	3.03	4.02	2.11	2.02	4.74	5.50
	TRRX	1.01	1.47	1.06	1.46	2.21	3.09
	TRFZ	0.23	0.32	0.28	0.44	0.44	0.57
	TLRZ	0.18	0.26	0.22	0.32	0.40	0.45
DSD	DSDX	1.25	1.64	1.21	1.16	1.98	2.28
	DSDY	0.33	0.41	0.28	0.27	0.50	0.53
	DSDZ	0.21	0.31	0.25	0.33	0.36	0.55
FSD	FSDX	0.76	0.98	0.47	0.66	1.32	0.96
	FSDY	0.81	1.25	1.03	1.14	1.83	2.36
	FSDZ	0.46	0.57	0.43	0.71	0.80	1.10
Displacement [in.]		0.00	0.00	0.00	0.00	0.00	0.00

Table A-47 Maximum Acceleration Values(g's), Fixed to Ground, Y-Axis, Frame-1, June 1992

IBM0692 FRAME - 1		Fixed To Ground (Slab) Y-Axis, No raised Floor Surface					
		RUN-132 EC-3	RUN-133 EC-7	RUN-134 EC-1.5	RUN-135 IBM-1	RUN-136 IBM-2	RUN-137 BELLCORE
SHAKER	ALAT	0.45	0.70	0.59	0.76	0.93	0.98
	AVRT	0.11	0.10	0.16	0.26	0.29	0.35
SLAB	ASEX	0 46	0.71	0.58	0.77	0.95	0 97
	ASWX	0 46	0.69	0.62	0.79	0.92	1.03
	ASCV	0.14	0.14	0.19	0.30	0.29	0.35
FLOOR	AFEX	0.00	0 00	0.00	0.00	0 00	0.00
LOWER	LRRX	0.01	0.01	0.01	0.02	0.01	0.03
	LRRY	0.49	0.72	0.64	0.78	0.95	1.06
	LRRZ	0.14	0.14	0 18	0.32	0.28	0.37
	LRFX	0.49	0 73	0.63	0 78	0.95	1.03
TOP	TRFX	0.62	1.03	1.03	1.25	1.56	1.96
	TRRX	0.63	1.04	1.05	1.22	1.49	1.93
	TRFZ	0.19	0.17	0.28	0.41	0.31	0.44
	TLRZ	0.15	0.16	0.20	0.34	0.29	0.37
DSD	DSDX	0 06	0.09	0 08	0.18	0.11	0.14
	DSDY	0.47	0.83	0.81	0.87	1.18	1.61
	DSDZ	0.18	0.19	0 30	0.46	0.37	0.62
FSD	FSDX	1.45	2.44	1.81	3.09	3.43	5.34
	FSDY	0.14	0.23	0.19	0.39	0.55	0.92
	FSDZ	0.35	0.57	0 43	0.81	1.05	1.03
Displacement [in.]		0.00	0.00	0.00	0.00	0.00	0.00

Table A-48 Maximum Acceleration Values(g's), Fixed to Ground, One-Bolt, X-Axis, Frame-1, June 1992

IBM0692 FRAME - 1		Fixed To Ground (Slab) X-Axis, One-Bolt, Casters Are Off The Ground					
		RUN-138 EC-3	RUN-139 EC-7	RUN-140 EC-1.5	RUN-141 IBM-1	RUN-142 IBM-2	RUN-143 BELLCORE
SHAKER	ALAT	0.45	0.71	0.59	0.73	0.93	1.01
	AVRT	0.11	0.11	0.17	0.26	0.29	0.35
SLAB	ASEX	0.46	0.72	0.58	0.74	0.96	0.99
	ASWX	0 46	0 69	0.61	0.76	0.93	1.06
	ASCV	0 13	0.13	0.18	0.30	0.29	0.37
FLOOR	AFEX	0.00	0.00	0.00	0.00	0.00	0.00
LOWER	LRRX	0.47	0.70	0.71	0.79	1 04	1.32
	LRRY	0 17	0.20	0.11	0.09	0 63	0.57
	LRRZ	0.23	0.28	0.23	0.33	0 69	0.78
	LRFX	0.38	0.79	0.60	0.90	1.15	1.60
TOP	TRFX	2.25	2.90	2.62	2.02	3 63	5.31
	TRRX	1.02	1.36	1.12	1.36	2 53	3.09
	TRFZ	0.20	0.20	0.29	0.39	0.46	0.55
	TLRZ	0.15	0.27	0.20	0.33	0 52	0.66
DSD	DSDX	1.11	1.40	1.31	0.97	1 85	2.30
	DSDY	0.16	0.25	0.19	0.22	0.41	0.42
	DSDZ	0.21	0.23	0.28	0.38	0.71	0.75
FSD	FSDX	0 71	0 85	0.70	0.81	1.60	1.72
	FSDY	0.88	1.24	1.14	0.94	1.95	2.66
	FSDZ	0.48	0 67	0.56	0.83	1 84	1.60
Displacement [in]		0.00	0.00	0.00	0.00	0.00	0.00