

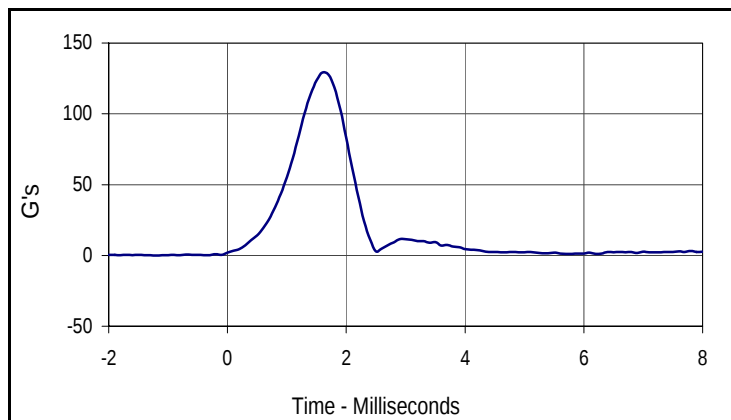
APPENDIX C
PRE-TEST SID IIS CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Test Program: SID IIs Lateral Head Drop Calibration
 ATD Serial No.: 307

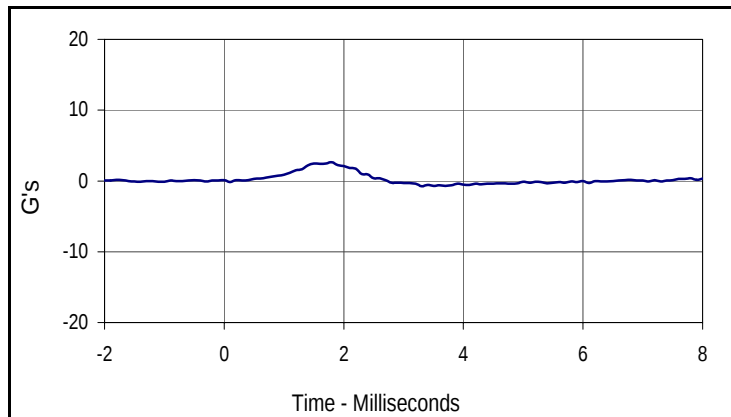
Test Date: 5/2/09
 Test I.D.: HDP04B



Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	115 to 137	129.1	Pass
Peak Longitudinal Acceleration	G's	≤15	2.6	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<15	2.1	Pass
Overall Test Results			Pass	



Curve Description			
Head Resultant			
CURNO	Type	SAE Class	Units
001	RES	1000	G's
Max	Time	Min	Time
129.1	1.6	0.0	-1.2



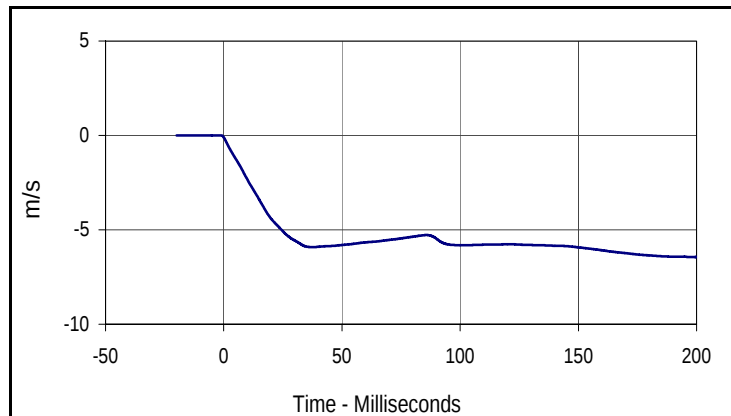
Curve Description			
Head X			
CURNO	Type	SAE Class	Units
002	FIL	1000	G's
Max	Time	Min	Time
2.6	1.8	-0.7	3.3

Test Program: SID IIs Neck Calibration
 ATD Serial No.: 307

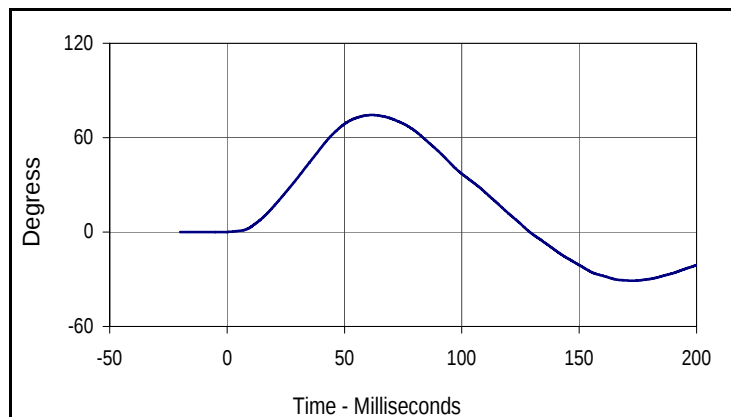
Test Date: 5/2/09
 Test I.D.: NBP04B



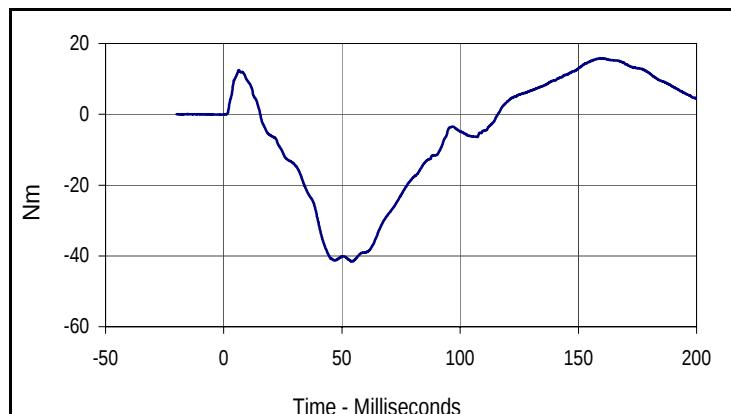
Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	5.51 to 5.63	5.60	Pass
Pendulum Deceleration	10 msec	m/s	-2.20 to -2.80	-2.3	Pass
	15 msec	m/s	-3.30 to -4.10	-3.4	Pass
	20 msec	m/s	-4.40 to -5.40	-4.4	Pass
	25 msec	m/s	-5.40 to -6.10	-5.4	Pass
	25-100 msec	m/s	-5.50 to -6.20	-6.18	Pass
Translation-Rotation	Max	Degrees	71.0 to 81.0	74.4	Pass
	Time	msec	50.0 to 70.0	61.5	Pass
Peak Occipital Condyle Moment		Nm	-36.0 to -44.0	-41.6	Pass
Decaying Moment Time to Cross 0 Nm		msec	102.0 to 126.0	116.0	Pass
Overall Test Results					Pass



Curve Description			
Pendulum Velocity			
CURNO	Type	SAE Class	Units
001	FIL	180	m/s
Max	Time	Min	Time
0.0	-1.5	-6.4	200.0



Curve Description			
Maximum Translation Rotation			
CURNO	Type	SAE Class	Units
002	FIL	60	Degress
Max	Time	Min	Time
74.4	61.5	-31.0	173.0



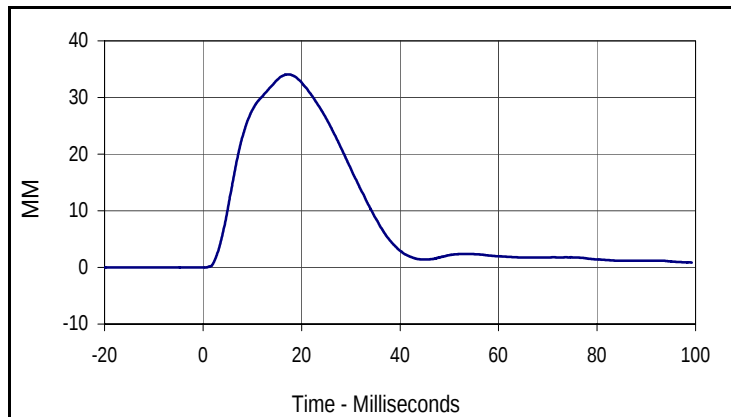
Curve Description			
Moment About Occipital Condyle			
CURNO	Type	SAE Class	Units
003	FIL	600	Nm
Max	Time	Min	Time
15.8	158.9	-41.6	54.3

Test Program: SID IIs Shoulder Calibration
 ATD Serial No.: 307

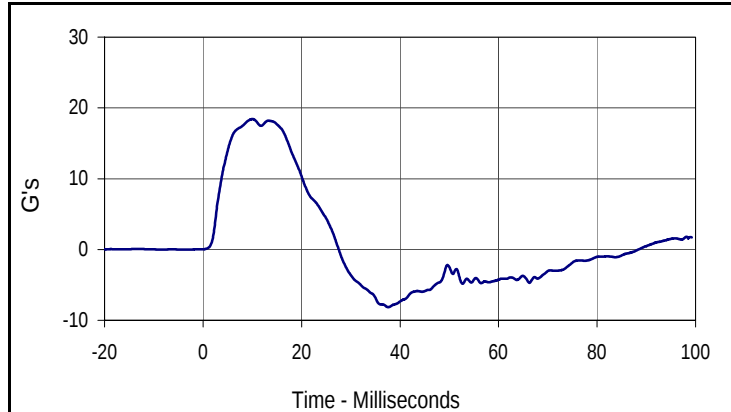
Test Date: 5/2/09
 Test I.D.: SHP04B



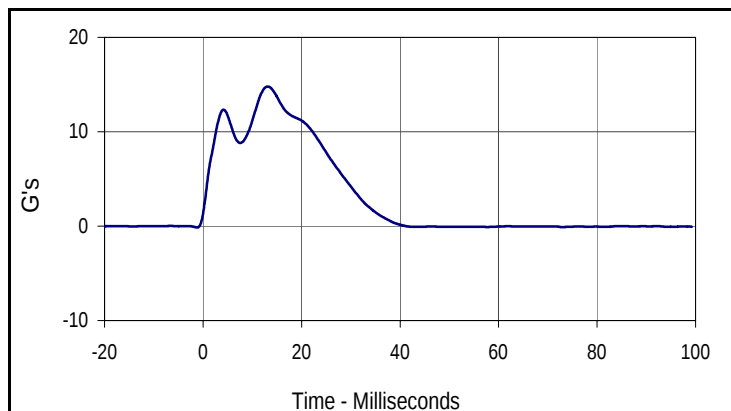
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.20 to 4.40	4.27	Pass
Shoulder Deflection	MM	28 to 37	34.1	Pass
Peak Upper Spine Y Acceleration	G's	17 to 22	18.4	Pass
Peak Impactor Acceleration	G's	13 to 18	14.8	Pass
Overall Test Results			Pass	



Curve Description			
Shoulder Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
34.1	17.2	0.0	-11.9



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
18.4	10.1	-8.2	37.6



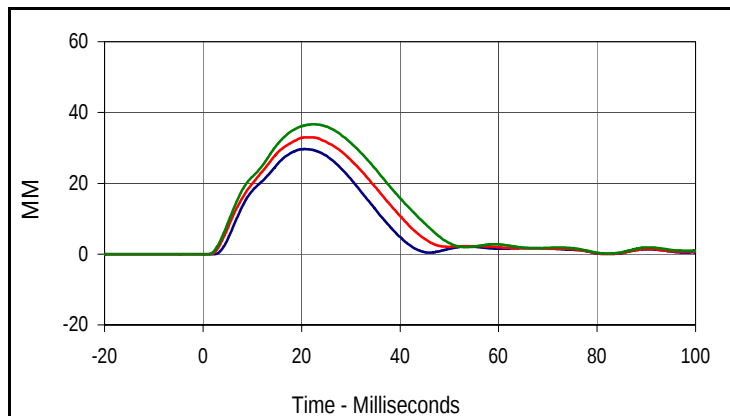
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
14.8	13.1	-0.1	-1.2

Test Program: SID IIs Thorax with Arm Calibration
 ATD Serial No.: 307

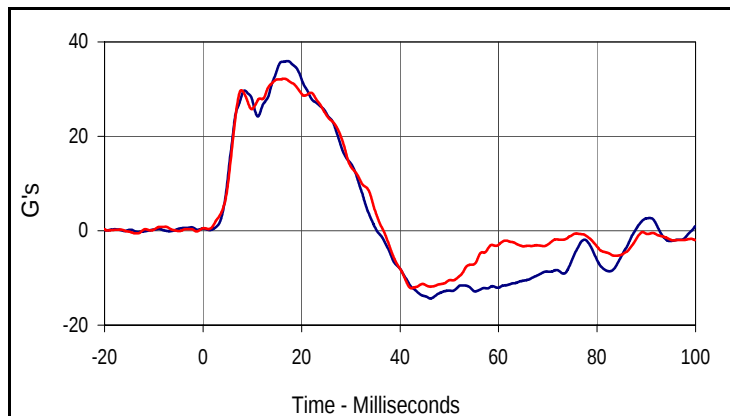
Test Date: 5/2/09
 Test I.D.: TAP04B



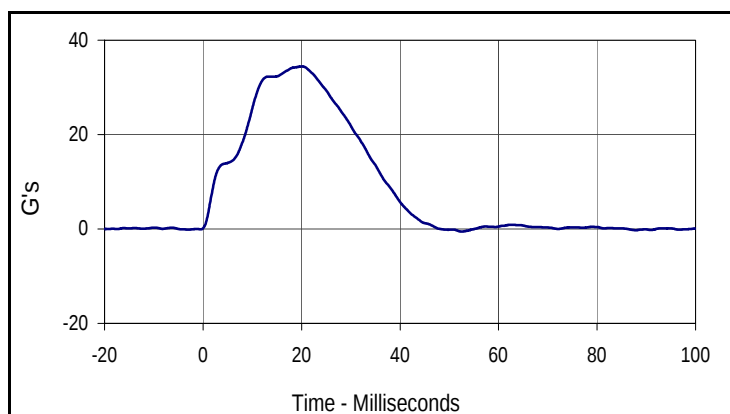
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	6.60 to 6.80	6.71	Pass
Shoulder Deflection	MM	31 to 40	37.1	Pass
Upper Thorax Rib Deflection	MM	26 to 32	29.7	Pass
Middle Abdominal Rib Deflection	MM	30 to 36	33.0	Pass
Lower Abdominal Rib Deflection	MM	32 to 38	36.7	Pass
Peak Upper Spine Y Acceleration	G's	34 to 43	36.0	Pass
Peak Lower Spine Y Acceleration	G's	28 to 35	32.2	Pass
Peak Impactor Acceleration	G's	31 to 36	34.5	Pass
Overall Test Results			Pass	



Curve Description			
Upper Thorax Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
29.7	20.6	0.0	-18.4
Middle Thorax Deflection			
Max	Time	Min	Time
33.0	21.4	0.0	-3.4
Lower Thorax Deflection			
Max	Time	Min	Time
36.7	22.3	0.0	-19.5



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
36.0	17.2	-14.3	46.1
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
005	FIL	180	G's
Max	Time	Min	Time
32.2	16.5	-12.2	42.3



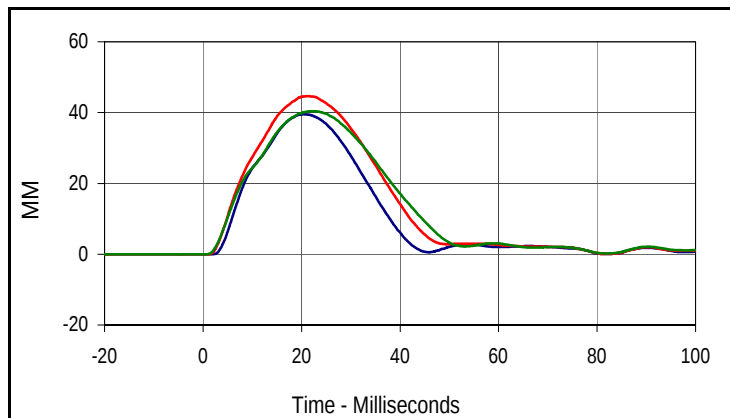
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
006	FIL	180	G's
Max	Time	Min	Time
34.5	20.1	-0.5	52.5

Test Program: SID IIs Thorax w/o Arm Calibration
 ATD Serial No.: 307

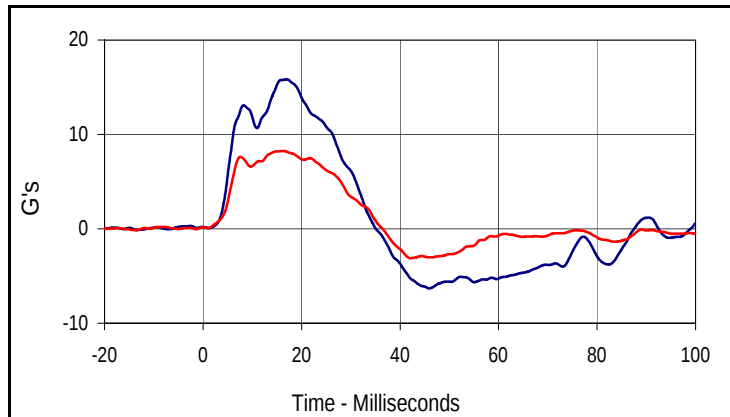
Test Date: 5/2/09
 Test I.D.: TOP04B



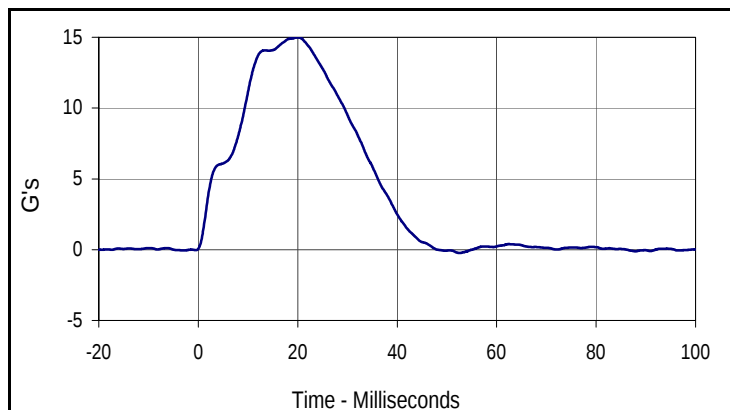
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.20 to 4.40	4.26	Pass
Upper Thorax Rib Deflection	MM	33 to 40	39.5	Pass
Middle Abdominal Rib Deflection	MM	39 to 45	44.6	Pass
Lower Abdominal Rib Deflection	MM	36 to 43	40.4	Pass
Peak Upper Spine Y Acceleration	G's	14 to 17	15.8	Pass
Peak Lower Spine Y Acceleration	G's	7 to 10	8.2	Pass
Peak Impactor Acceleration	G's	12 to 16	15.0	Pass
Overall Test Results			Pass	



Curve Description			
Upper Thorax Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
39.5	20.4	0.0	-18.6
Middle Thorax Deflection			
Max	Time	Min	Time
44.6	21.2	0.0	-3.6
Lower Thorax Deflection			
Max	Time	Min	Time
40.4	22.1	0.0	-19.7



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
15.8	17.0	-6.3	45.9
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
005	FIL	180	G's
Max	Time	Min	Time
8.2	16.3	-3.1	42.1



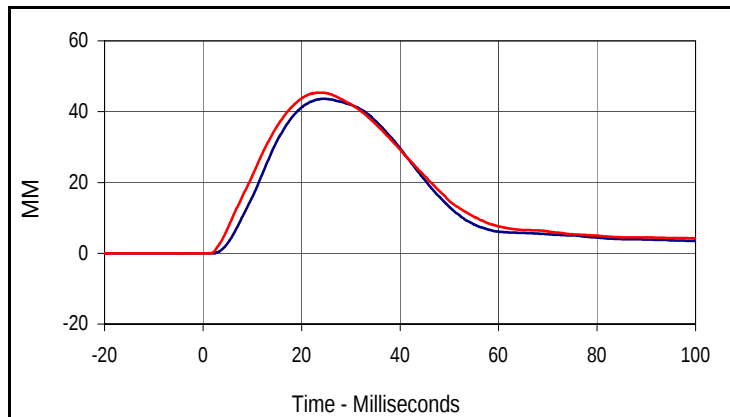
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
006	FIL	180	G's
Max	Time	Min	Time
15.0	20.1	-0.2	52.5

Test Program: SID IIs Abdomen Calibration
 ATD Serial No.: 307

Test Date: 5/2/09
 Test I.D.: ABP04B

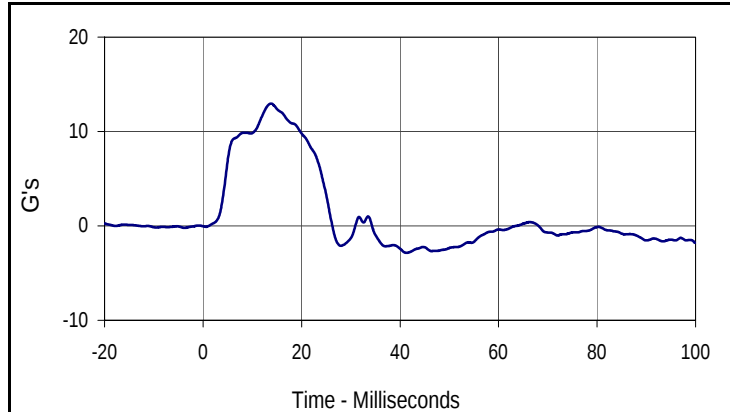


Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.30 to 4.50	4.43	Pass
Upper Abdominal Rib Deflection	MM	39 to 47	43.6	Pass
Lower Abdominal Rib Deflection	MM	37 to 46	45.4	Pass
Peak Lower Spine Y Acceleration	G's	11 to 14	13.0	Pass
Peak Impactor Acceleration	G's	12 to 16	13.2	Pass
Overall Test Results			Pass	

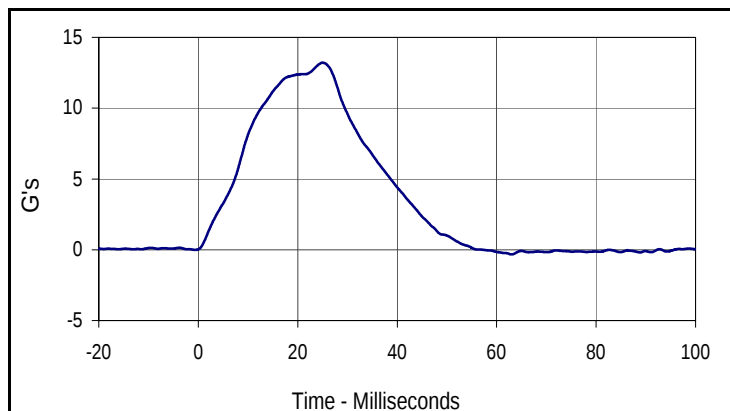


Curve Description			
Upper Abdominal Rib Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
43.6	24.6	0.0	1.3

Curve Description			
Lower Abdominal Rib Deflection			
CURNO	Type	SAE Class	Units
002	FIL	600	MM
Max	Time	Min	Time
45.4	24.0	0.0	-20.0



Curve Description			
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
13.0	13.8	-2.9	41.3



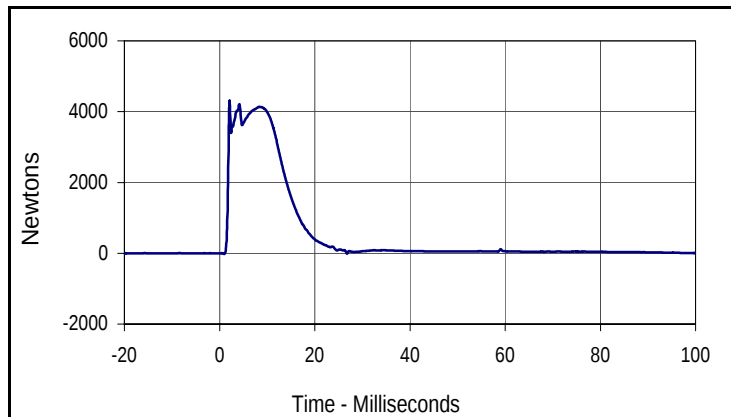
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
13.2	25.0	-0.3	63.0

Test Program: SID IIs Pelvis Acetabulum Calibration
 ATD Serial No.: 307

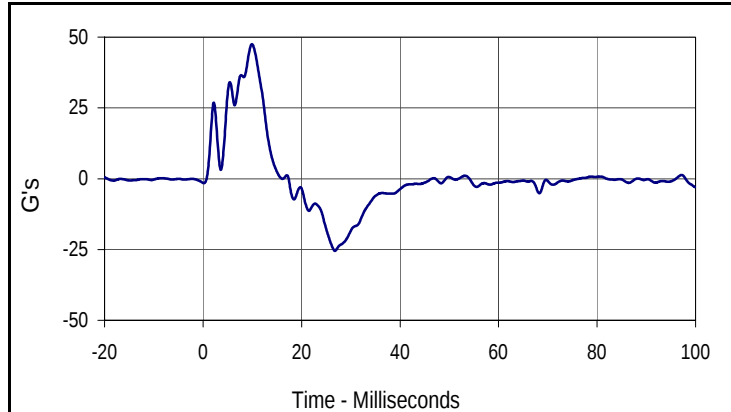
Test Date: 5/2/09
 Test I.D.: PAP04B



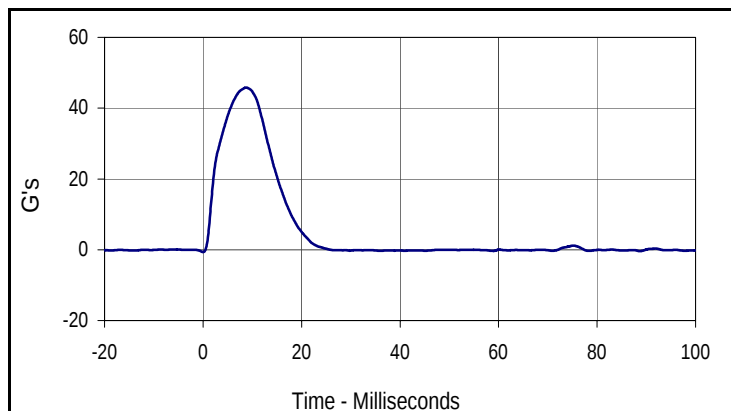
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	6.60 to 6.80	6.63	Pass
Peak Acetabulum Force	Newtons	3800 to 4600	4305.6	Pass
Peak Pelvis Y Acceleration	G's	41 to 50	47.5	Pass
Peak Impactor Acceleration	G's	38 to 47	45.8	Pass
Overall Test Results			Pass	



Curve Description			
Pelvis Acetabulum Force			
CURNO	Type	SAE Class	Units
001	FIL	600	Newtons
Max	Time	Min	Time
4305.6	2.1	-16.1	1.0



Curve Description			
Pelvis Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
47.5	9.9	-25.4	26.8



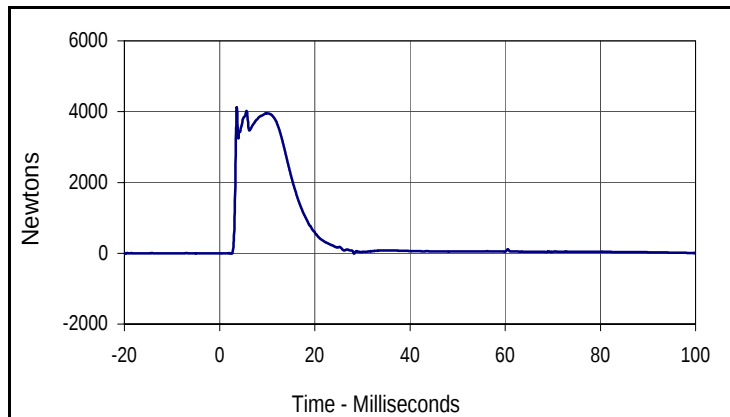
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
45.8	8.7	-0.6	0.0

Test Program: SID IIs Pelvis Iliac Calibration
 ATD Serial No.: 307

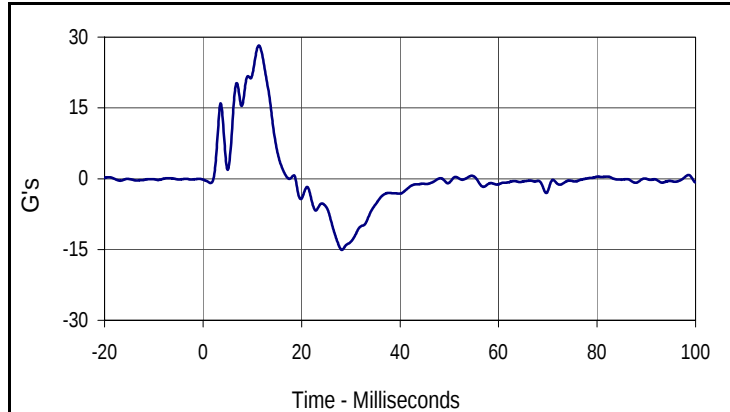
Test Date: 5/2/09
 Test I.D.: ILP04B



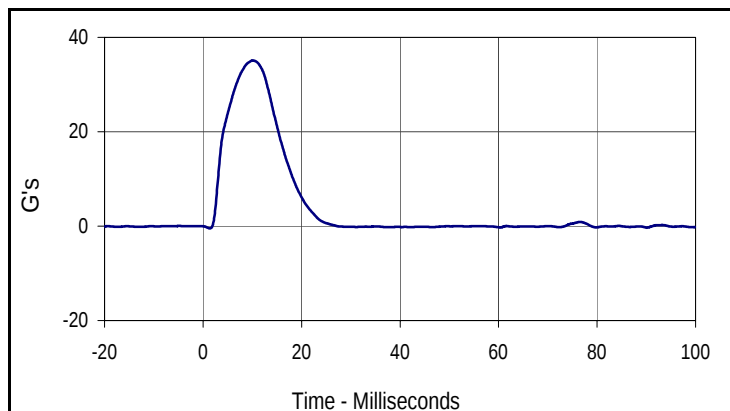
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.2 to 4.4	4.24	Pass
Peak Iliac Force	Newtons	3700 to 4500	4117.6	Pass
Peak Pelvis Y Acceleration	G's	27 to 33	28.2	Pass
Peak Impactor Acceleration	G's	34 to 40	35.1	Pass
Overall Test Results			Pass	



Curve Description			
Pelvis Iliac Force			
CURNO	Type	SAE Class	Units
001	FIL	600	Newtons
Max	Time	Min	Time
4117.6	3.6	-15.4	2.5



Curve Description			
Pelvis Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
28.2	11.3	-15.1	28.2



Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
35.1	10.1	-0.5	1.4

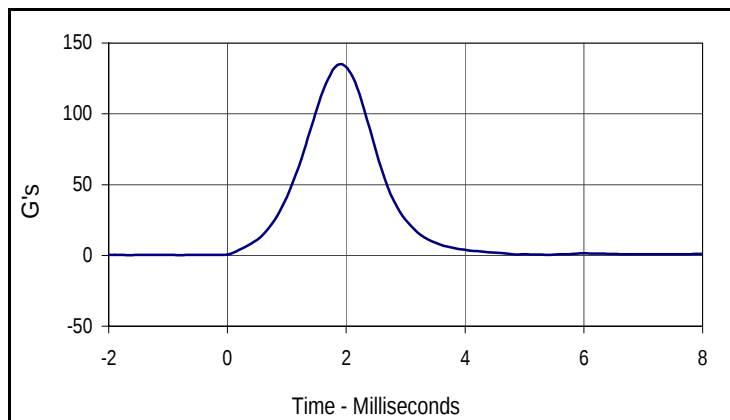
APPENDIX C
POST-TEST SID IIS CONFIGURATION AND PERFORMANCE VERIFICATION DATA

Test Program: SID IIs Lateral Head Drop Calibration
 ATD Serial No.: 307

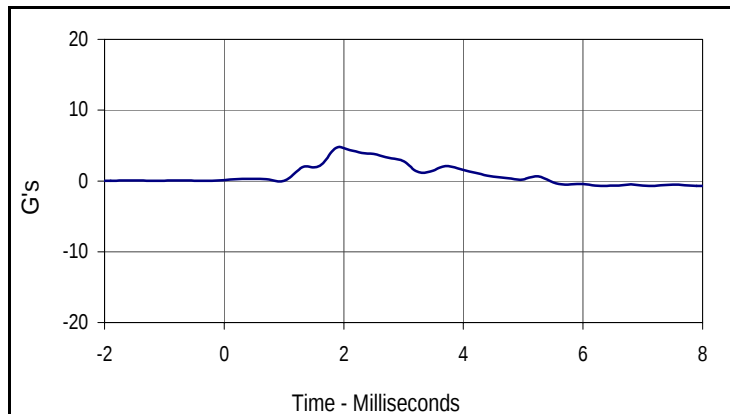
Test Date: 5/11/09
 Test I.D.: HDP05A



Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Peak Resultant Acceleration	G's	115 to 137	135.0	Pass
Peak Longitudinal Acceleration	G's	≤15	4.7	Pass
Is Acceleration Unimodal?	Yes/No	Yes	Yes	Pass
Oscillations After Main Pulse	%	<15	1.0	Pass
Overall Test Results			Pass	



Curve Description			
Head Resultant			
CURNO	Type	SAE Class	Units
001	RES	1000	G's
Max	Time	Min	Time
135.0	1.9	0.3	-1.6



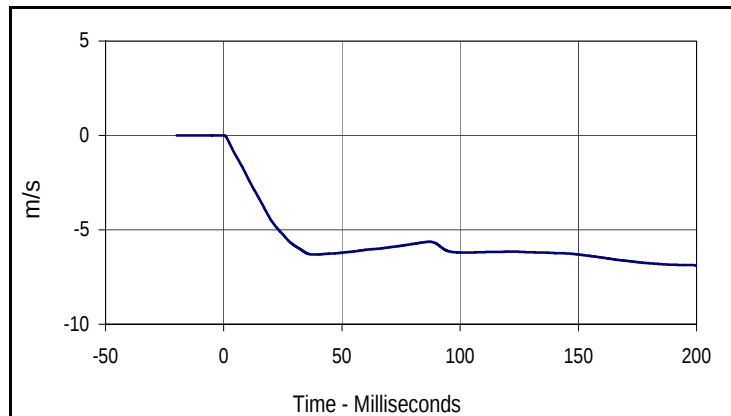
Curve Description			
Head X			
CURNO	Type	SAE Class	Units
002	FIL	1000	G's
Max	Time	Min	Time
4.7	1.9	-0.5	5.7

Test Program: SID IIs Neck Calibration
 ATD Serial No.: 307

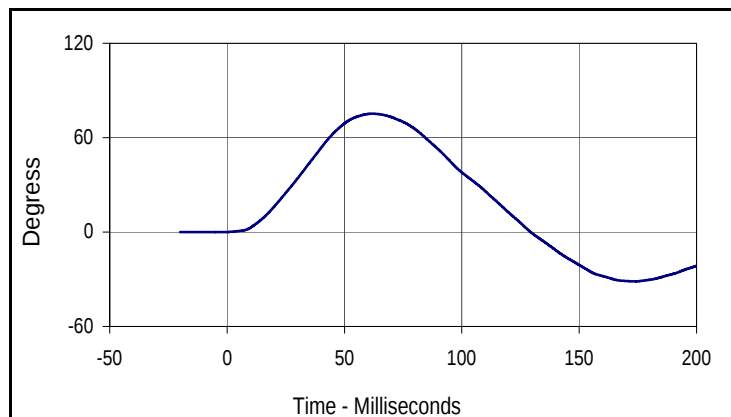
Test Date: 5/11/09
 Test I.D.: NBP05A



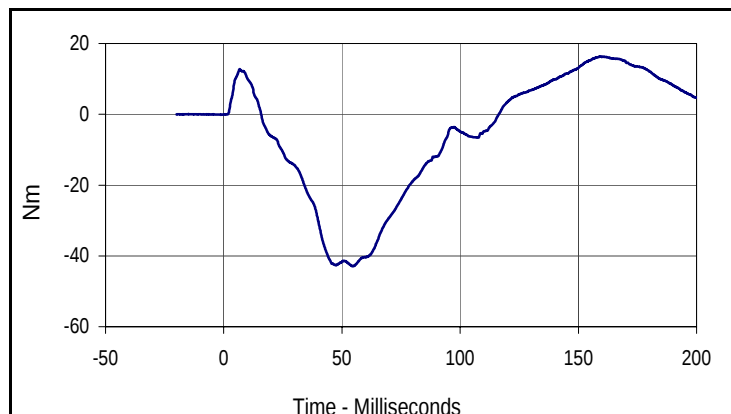
Tested Parameter		Units	Specification	Result	Pass/Fail
Laboratory Temperature		°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity		%	10 to 70	30	Pass
Pendulum Velocity		m/s	5.51 to 5.63	5.59	Pass
Pendulum Deceleration	10 msec	m/s	-2.20 to -2.80	-2.2	Pass
	15 msec	m/s	-3.30 to -4.10	-3.4	Pass
	20 msec	m/s	-4.40 to -5.40	-4.5	Pass
	25 msec	m/s	-5.40 to -6.10	-5.4	Pass
	25-100 msec	m/s	-5.50 to -6.20	-6.18	Pass
Translation-Rotation	Max	Degrees	71.0 to 81.0	75.2	Pass
	Time	msec	50.0 to 70.0	61.9	Pass
Peak Occipital Condyle Moment		Nm	-36.0 to -44.0	-42.9	Pass
Decaying Moment Time to Cross 0 Nm		msec	102.0 to 126.0	116.4	Pass
			Overall Test Results		Pass



Curve Description			
Pendulum Velocity			
CURNO	Type	SAE Class	Units
001	FIL	180	m/s
Max	Time	Min	Time
0.0	-0.3	-6.9	200.0



Curve Description			
Maximum Translation Rotation			
CURNO	Type	SAE Class	Units
002	FIL	60	Degress
Max	Time	Min	Time
75.2	61.9	-31.4	173.4



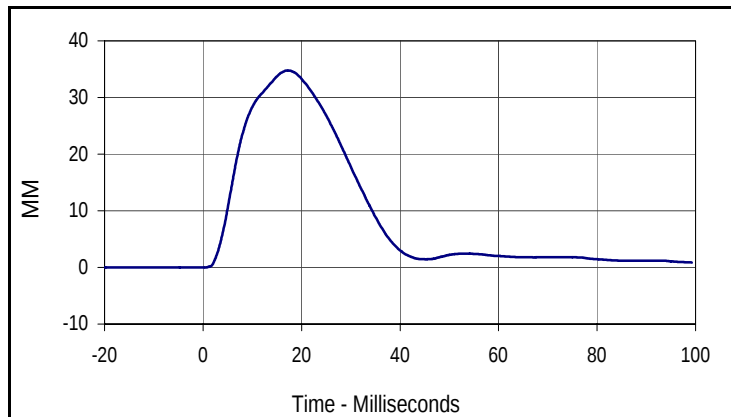
Curve Description			
Moment About Occipital Condyle			
CURNO	Type	SAE Class	Units
003	FIL	600	Nm
Max	Time	Min	Time
16.3	159.3	-42.9	54.7

Test Program: SID IIs Shoulder Calibration
 ATD Serial No.: 307

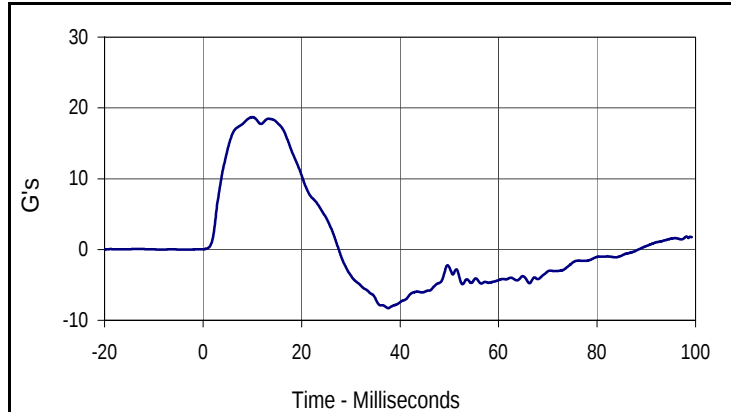
Test Date: 5/11/09
 Test I.D.: SHP05A



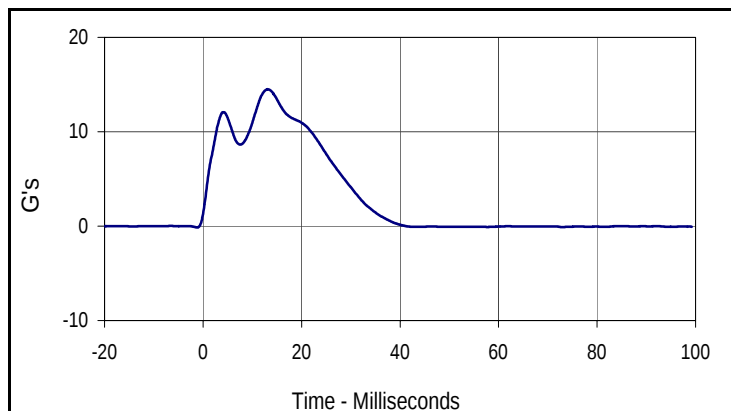
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.20 to 4.40	4.25	Pass
Shoulder Deflection	MM	28 to 37	34.8	Pass
Peak Upper Spine Y Acceleration	G's	17 to 22	18.7	Pass
Peak Impactor Acceleration	G's	13 to 18	14.5	Pass
Overall Test Results			Pass	



Curve Description			
Shoulder Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
34.8	17.2	0.0	-11.9



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
18.7	10.1	-8.3	37.6



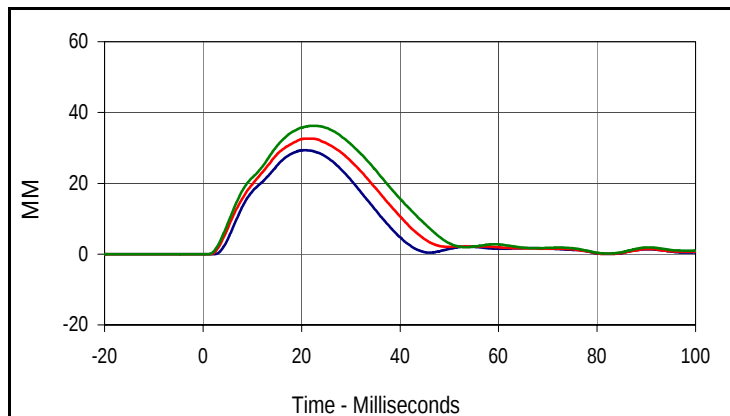
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
14.5	13.1	-0.1	-1.2

Test Program: SID IIs Thorax with Arm Calibration
 ATD Serial No.: 307

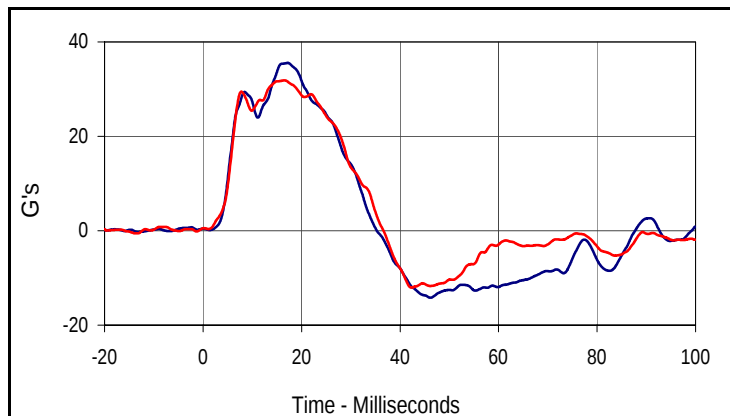
Test Date: 5/11/09
 Test I.D.: TAP05A



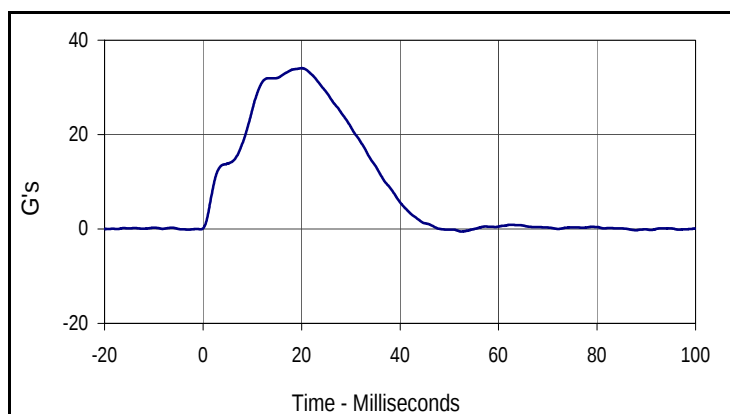
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	6.60 to 6.80	6.66	Pass
Shoulder Deflection	MM	31 to 40	36.7	Pass
Upper Thorax Rib Deflection	MM	26 to 32	29.3	Pass
Middle Abdominal Rib Deflection	MM	30 to 36	32.6	Pass
Lower Abdominal Rib Deflection	MM	32 to 38	36.3	Pass
Peak Upper Spine Y Acceleration	G's	34 to 43	35.6	Pass
Peak Lower Spine Y Acceleration	G's	28 to 35	31.8	Pass
Peak Impactor Acceleration	G's	31 to 36	34.1	Pass
Overall Test Results			Pass	



Curve Description			
Upper Thorax Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
29.3	20.6	0.0	-18.4
Middle Thorax Deflection			
Max	Time	Min	Time
32.6	21.4	0.0	-3.4
Lower Thorax Deflection			
Max	Time	Min	Time
36.3	22.3	0.0	-19.5



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
35.6	17.2	-14.2	46.1
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
005	FIL	180	G's
Max	Time	Min	Time
31.8	16.5	-12.0	42.3



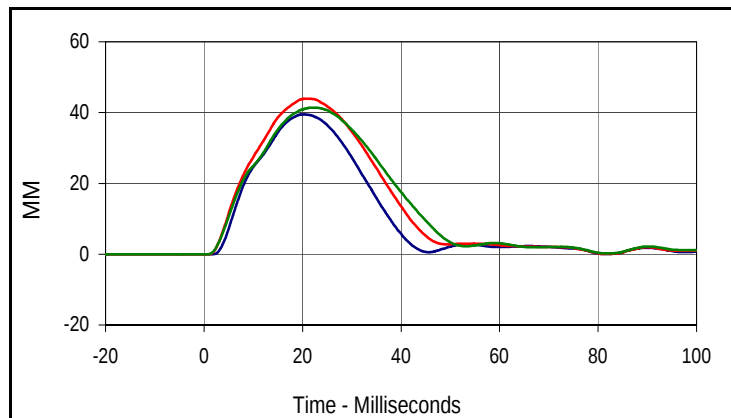
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
006	FIL	180	G's
Max	Time	Min	Time
34.1	20.1	-0.5	52.5

Test Program: SID IIs Thorax w/o Arm Calibration
 ATD Serial No.: 307

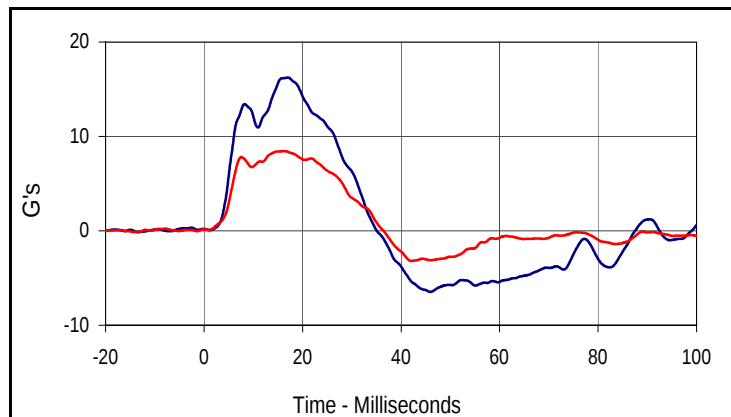
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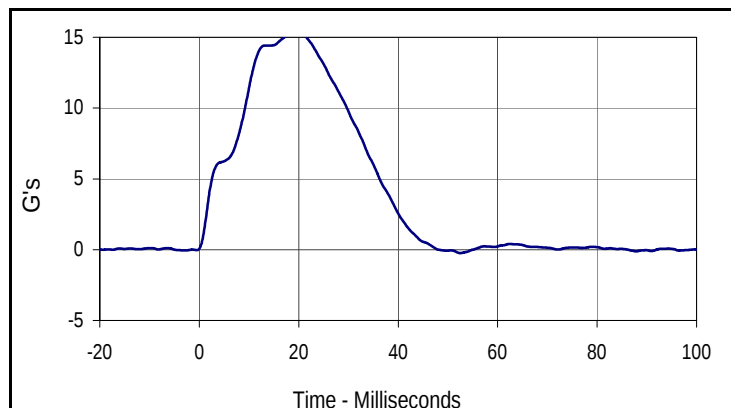
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.20 to 4.40	4.24	Pass
Upper Thorax Rib Deflection	MM	33 to 40	39.5	Pass
Middle Abdominal Rib Deflection	MM	39 to 45	43.9	Pass
Lower Abdominal Rib Deflection	MM	36 to 43	41.4	Pass
Peak Upper Spine Y Acceleration	G's	14 to 17	16.2	Pass
Peak Lower Spine Y Acceleration	G's	7 to 10	8.5	Pass
Peak Impactor Acceleration	G's	12 to 16	15.4	Pass
Overall Test Results			Pass	



Curve Description			
Upper Thorax Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
39.5	20.2	0.0	-18.8
Middle Thorax Deflection			
Max	Time	Min	Time
43.9	21.0	0.0	-3.8
Lower Thorax Deflection			
Max	Time	Min	Time
41.4	22.1	0.0	-19.7



Curve Description			
Upper Spine Y Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
16.2	17.0	-6.5	45.9
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
005	FIL	180	G's
Max	Time	Min	Time
8.5	16.3	-3.2	42.1



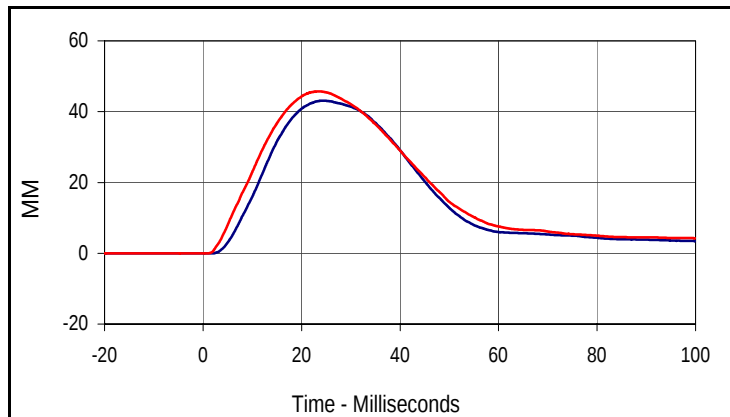
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
006	FIL	180	G's
Max	Time	Min	Time
15.4	20.1	-0.2	52.5

Test Program: SID IIs Abdomen Calibration
 ATD Serial No.: 307

Test Date: 5/11/09
 Test I.D.: ABP05A

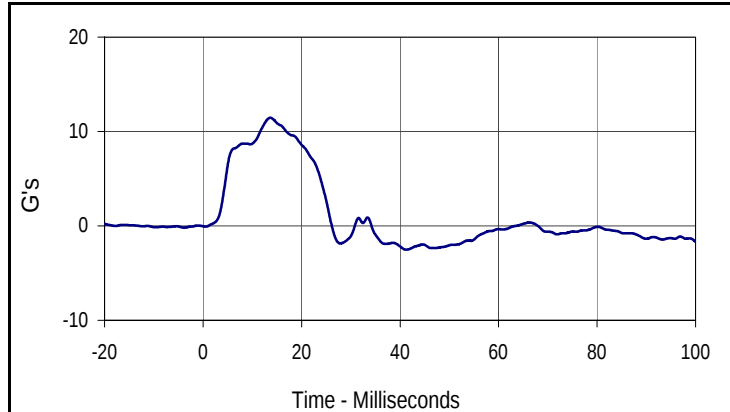


Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.30 to 4.50	4.38	Pass
Upper Abdominal Rib Deflection	MM	39 to 47	43.1	Pass
Lower Abdominal Rib Deflection	MM	37 to 46	45.7	Pass
Peak Lower Spine Y Acceleration	G's	11 to 14	11.5	Pass
Peak Impactor Acceleration	G's	12 to 16	13.2	Pass
Overall Test Results			Pass	

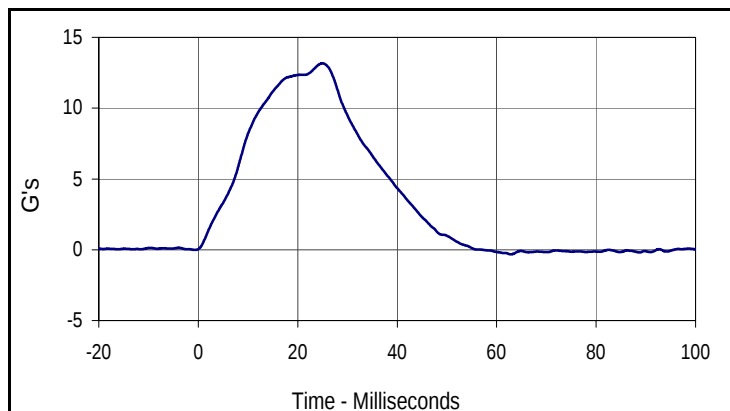


Curve Description			
Upper Abdominal Rib Deflection			
CURNO	Type	SAE Class	Units
001	FIL	600	MM
Max	Time	Min	Time
43.1	24.5	0.0	1.2

Curve Description			
Lower Abdominal Rib Deflection			
CURNO	Type	SAE Class	Units
002	FIL	600	MM
Max	Time	Min	Time
45.7	23.7	0.0	-15.0



Curve Description			
Lower Spine Y Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
11.5	13.7	-2.5	41.2



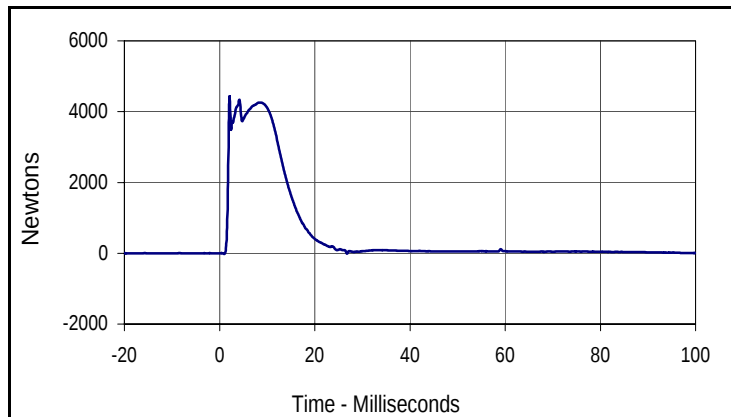
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
004	FIL	180	G's
Max	Time	Min	Time
13.2	24.9	-0.3	62.9

Test Program: SID IIs Pelvis Acetabulum Calibration
 ATD Serial No.: 307

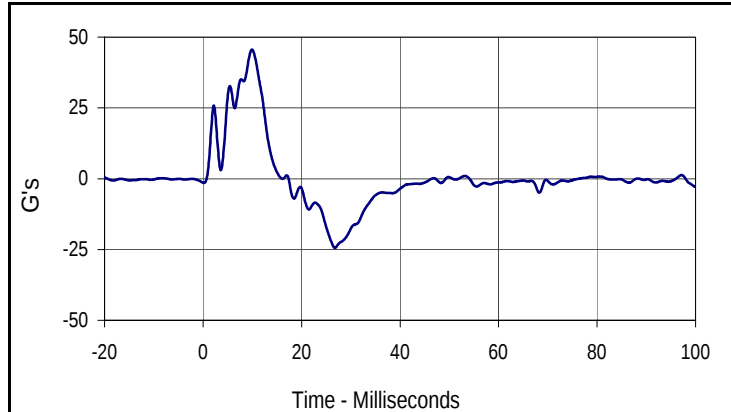
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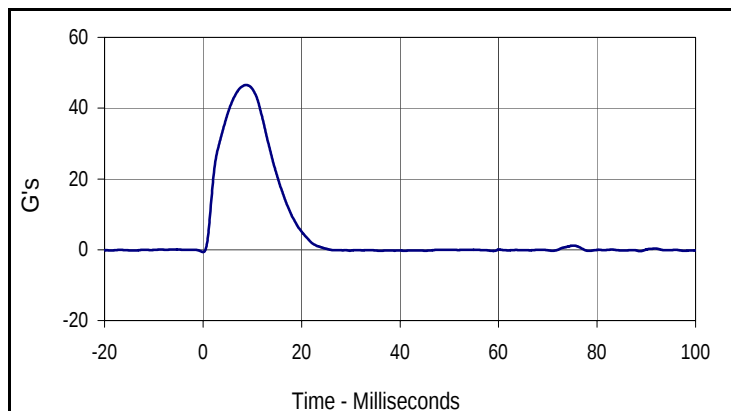
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	6.60 to 6.80	6.79	Pass
Peak Acetabulum Force	Newtons	3800 to 4600	4435.8	Pass
Peak Pelvis Y Acceleration	G's	41 to 50	45.6	Pass
Peak Impactor Acceleration	G's	38 to 47	46.6	Pass
Overall Test Results			Pass	



Curve Description			
Pelvis Acetabulum Force			
CURNO	Type	SAE Class	Units
001	FIL	600	Newtons
Max	Time	Min	Time
4435.8	2.1	-16.6	1.0



Curve Description			
Pelvis Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
45.6	9.9	-24.4	26.8



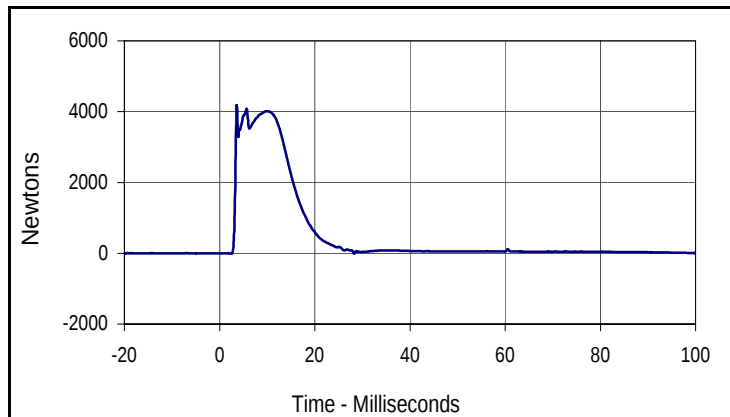
Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
46.6	8.7	-0.7	0.0

Test Program: SID IIs Pelvis Iliac Calibration
 ATD Serial No.: 307

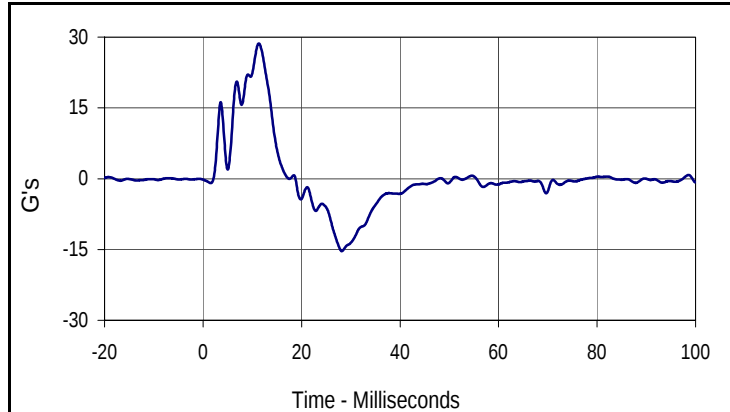
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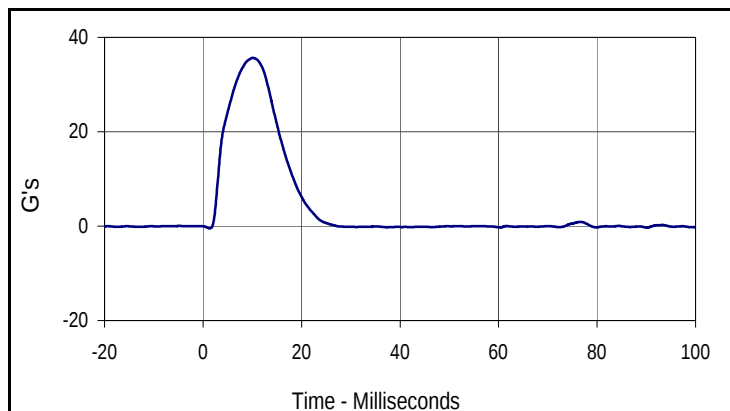
Tested Parameter	Units	Specification	Result	Pass/Fail
Laboratory Temperature	°C	20.6 to 22.2	21.1	Pass
Laboratory Relative Humidity	%	10 to 70	30	Pass
Pendulum Velocity	m/s	4.2 to 4.4	4.21	Pass
Peak Iliac Force	Newtons	3700 to 4500	4179.3	Pass
Peak Pelvis Y Acceleration	G's	27 to 33	28.7	Pass
Peak Impactor Acceleration	G's	34 to 40	35.6	Pass
Overall Test Results			Pass	



Curve Description			
Pelvis Iliac Force			
CURNO	Type	SAE Class	Units
001	FIL	600	Newtons
Max	Time	Min	Time
4179.3	3.6	-15.7	2.5



Curve Description			
Pelvis Y Acceleration			
CURNO	Type	SAE Class	Units
002	FIL	180	G's
Max	Time	Min	Time
28.7	11.3	-15.4	28.2



Curve Description			
Impactor Acceleration			
CURNO	Type	SAE Class	Units
003	FIL	180	G's
Max	Time	Min	Time
35.6	10.1	-0.5	1.4