

REPORT NUMBER: 214-CAL-07-01

**SAFETY COMPLIANCE TESTING FOR FMVSS 214
SIDE IMPACT PROTECTION
INDICANT**

**DAIMLERCHRYSLER CORPORATION
2007 JEEP COMPASS
MPV**

NHTSA NUMBER: C70302

**PREPARED BY:
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Test Date: August 17, 2006

FINAL REPORT

**PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
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ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
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16. Abstract A 55/28 km/h 90° Moving Deformable Barrier FMVSS 214 Indicant side impact was conducted on the subject 2007 Jeep Compass MPV to obtain new car assessment and research data indicant of FMVSS No. 214D performance. The test was conducted at the Calspan Corporation Transportation Sciences Center in Buffalo, New York, on August 17, 2006. The impact velocity of the Moving Deformable Barrier (MDB) was 62.28 km/h, and the ambient temperature at the struck side (driver side) of the vehicle was 22°C. The target vehicle's maximum post test static crush was 183 mm at level 3. The test vehicle's occupant performance is as follows: <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>DRIVER</u></th> <th style="text-align: center;"><u>PASS.</u></th> </tr> </thead> <tbody> <tr> <td>Left Upper Rib (LUR) Accel., g</td> <td style="text-align: center;">31.51</td> <td style="text-align: center;">39.31</td> </tr> <tr> <td>Left Lower Rib (LLR) Accel., g</td> <td style="text-align: center;">33.07</td> <td style="text-align: center;">41.23</td> </tr> <tr> <td>Lower Spine (T₁₂) Accel., g</td> <td style="text-align: center;">41.01</td> <td style="text-align: center;">46.22</td> </tr> <tr> <td>Thoracic Trauma Index (TTI)</td> <td style="text-align: center;">37</td> <td style="text-align: center;">44</td> </tr> <tr> <td>Pelvis (PEV) Accel., g</td> <td style="text-align: center;">42</td> <td style="text-align: center;">42</td> </tr> <tr> <td>HIC</td> <td style="text-align: center;">128.7</td> <td style="text-align: center;">262.8</td> </tr> </tbody> </table> The doors on the struck side of the vehicle did not separate from the body at the hinges or latches and the opposite doors did not open during the side impact event.					<u>DRIVER</u>	<u>PASS.</u>	Left Upper Rib (LUR) Accel., g	31.51	39.31	Left Lower Rib (LLR) Accel., g	33.07	41.23	Lower Spine (T ₁₂) Accel., g	41.01	46.22	Thoracic Trauma Index (TTI)	37	44	Pelvis (PEV) Accel., g	42	42	HIC	128.7	262.8
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Left Upper Rib (LUR) Accel., g	31.51	39.31																						
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HIC	128.7	262.8																						
17. Key Words Compliance Testing Side Impact Protection FMVSS 214 Side Impact Dummy (SID)		18. Distribution Statement <u>Copies of this report are available from:</u> National Highway Traffic Safety Administration Technical Reference Division (TIS) Room 5108 (NPO-230) 400 Seventh St., S.W. Washington, D.C. 20590 Telephone No. (202) 366-4946																						
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SECTION 1

PURPOSE AND TEST PROCEDURE

PURPOSE

This side impact test is part of the FMVSS 214 Side Impact Protection Compliance Test Program sponsored by the National Highway Traffic Safety Administration (NHTSA) under Contract No. DTNH22-02-D-01114. The purpose of this indicant test was to evaluate side impact protection in a 2007 Jeep Compass MPV when tested at the New Car Assessment Program (NCAP) target test velocity of 62.0 kph, which is 8 kph faster than the target velocity required by the Office of Vehicle Safety Compliance's Laboratory Test Procedure (TP-214D-06, dated July 26, 2001).

SECTION 2

SUMMARY OF FMVSS 214 INDICANT SIDE IMPACT TEST

This Side Impact Protection Indicant Test was performed at the New Car Assessment Program (NCAP) target test velocity of 62.0 kph, which is 8 kph faster than the target velocity required by the Office of Vehicle Safety Compliance's Laboratory Test Procedure (TP-214D-06, dated July 26, 2001).

A model year 2007 Jeep Compass MPV was impacted on the left (driver's) side by a Moving Deformable Barrier (MDB) which was moving forward in a 27° crabbed position to the tow road guidance system at a velocity of 62.28 km/h. The specified impact velocity range is from 61.1 to 62.7 km/h. The test (target) vehicle was stationary and positioned 63° to the line of forward motion. The weight of the vehicle as tested was 1738.0 kg and the test weight of the MDB was 1362.5 kg. The test was conducted at the Calspan Corporation Transportation Sciences Center on August 17, 2006.

One (1) real-time motion picture camera and nine (9) high-speed motion picture cameras were used to document the impact event. The pre-test and post-test conditions were recorded by one (1) real-time motion picture camera. Camera locations and pertinent camera information are documented in the data sheets. Pre- and post-test photographs of the vehicle and Side Impact Dummies (SID/HIIIs) can be found in Appendix A.

Two 50th percentile adult male SID/HIII's were placed in the driver (P1) and left rear passenger (P4) designated seating positions according to instructions specified in the Laboratory Test Procedure for New Car Assessment Program Side Impact Testing dated July 1997. Each SID/HIII was instrumented in the following locations:

- Left Upper Rib (LUR) uni-axial accelerometer (Y-axis primary and redundant)
- Left Lower Rib (LLR) uni-axial accelerometer (Y-axis primary and redundant)
- Lower Thoracic Spine (T12) uni-axial accelerometer (Y-axis primary and redundant)
- Pelvic (PEV) section uni-axial accelerometer (Y-axis primary and redundant)
- Head Center of Gravity (CG) tri-axial accelerometers (X, Y and Z axes primary and redundant)
- Upper Neck load cell (Fx, Fy, Fz, Mx, My, Mz)

The test vehicle was instrumented with twenty-one (21) structural accelerometers and the MDB was instrumented with five (5) accelerometers.

2.2 GENERAL COMMENTS

The test vehicle sustained a maximum static crush of 183 mm at level 3, 1500 mm rearward of the left vertical impact point. The driver and passenger SID/HIII's, Serial Nos. 905 and 906 respectively, were calibrated just prior to this test.

Test data and observations are presented in this section of the report. Appendix A contains the still photograph prints. Appendix B contains the driver and passenger SID/HIII's, vehicle, and MDB response data traces. Appendix C contains the SID/HIII's configuration and performance verification data. Appendix D contains the test equipment information.

The occupant data is summarized below:

ATD position	HIC(36)	T ₁	T ₂	TTI (G's)	Peak Pelvis (G's)
Driver	128.7	35.3	67.0	37	42
Passenger	262.8	42.6	68.7	44	42

SUPPLEMENTAL RESTRAINT INFORMATION

Restraint Type	Left Front (Driver)		Left Rear (Passenger)	
	Installed	Deployed	Installed	Deployed
Front Airbag	Yes	No	NA	NA
Side Torso Airbag	NA	NA	NA	NA
Side Head/Torso Combination Airbag	NA	NA	NA	NA
Curtain Airbag	Yes	Yes	Yes	Yes

The test instrumentation data listed in Appendix B can be found on the NHTSA website:
www.nhtsa.dot.gov.

DATA SHEET NO. 1**GENERAL TEST AND VEHICLE PARAMETER DATA**

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

TEST VEHICLE INFORMATION AND VEHICLE OPTIONS

Make	DaimlerChrysler Corporation	Driver Front Airbag	Yes
Model	Compass	Driver Side Curtain Airbag	Yes
Body Style	MPV	Driver Side Torso Airbag	No
NHTSA No.	C70302	Driver Pretensioners	Yes
VIN	1J8FF47W37D597229	Driver Load Limiters	Yes
Color	Silver	Driver Power Seats	No
Engine Disp.(L)	2.4	Rear Pass. Side Curtain Airbag	Yes
Engine Cylinders	4	Rear Pass. Side Torso Airbag	No
Engine Placement	Lateral	Rear Pass. Pretensioners	No
Transmission Type	Automatic	Rear Pass. Load Limiters	No
Transmission Speeds	Continuously Variable	Rear Pass. Power Seats	NA
Final Drive	4 Wheel	Tilt Wheel	Yes
Air Conditioning	Yes	Anti-lock Brakes	Yes
Power Steering	Yes	Traction Control	Yes
Power Brakes	Yes	Power Windows	No
Delivery Date	08/02/2006	Power Door Locks	No
Odometer Reading (km)	79	Automatic Door Locks (ADL)	No*
Dealer	West Herr Chrysler Jeep LLC, 3599 Southwestern Blvd., Orchard Park, NY 14127	Owner's Manual Details Instructions on Disabling ADLs	Yes*

DATA FROM CERTIFICATION LABEL

Manufactured By	DaimlerChrysler Corporation	GVWR (kg)	2012
Date of Manufacture	7-06	GAWR Front (kg)	1080
		GAWR Rear (kg)	1044

VEHICLE CAPACITY DATA

Measured Parameter	Front	Rear	Third	Total
Type of Seats	Bucket/Bench/Split Bench	Bucket/Bench/Split Bench		
Number Of Occupants	2	3		5
Capacity Wt. (VCW) (kg)				419
Cargo Wt. (RCLW) (kg)				78.8

* ADLs are available on vehicles equipped with power door locks.

DATA SHEET NO. 1 (continued)**GENERAL TEST AND VEHICLE PARAMETER DATA**

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

TEST VEHICLE WEIGHTS

	Units	As Delivered (UVW) (Axle)			Fully Loaded (Axle)			As Tested (ATW) (Axle)		
		Front	Rear	Total	Front	Rear	Total	Front	Rear	Total
Left	kg	446.5	315.0		492.0	430.0		498.0	412.0	
Right	kg	432.5	311.5		443.5	384.5		428.0	400.0	
Ratio	%	58.4	41.6		53.5	46.5		53.3	46.7	
Totals	kg	879.0	626.5	1505.5	935.5	814.5	1750.0	926.0	812.0	1738.0

TARGET TEST WEIGHT CALCULATION

Measured Parameter	Units	Value
Total Delivered Weight (UVW)	kg	1505.5
Weight of 2 P572E ATDs (81.2 kg each)	kg	162.4
Rated Cargo/Luggage Weight (RCLW)	kg	78.8
Calculated Vehicle Target Weight (TVTW)	kg	1746.7

* Actual As Tested Weight (ATW) will be TVTW -4.5/-9.1 kg

Weight of Ballast (including instrumentation package and cameras): 70.1 kg

TEST VEHICLE ATTITUDES

	Units	LF	RF	LR	RR
As Delivered	mm	775	800	784	804
Fully Loaded	mm	760	760	777	774
As Tested	mm	762	761	779	774

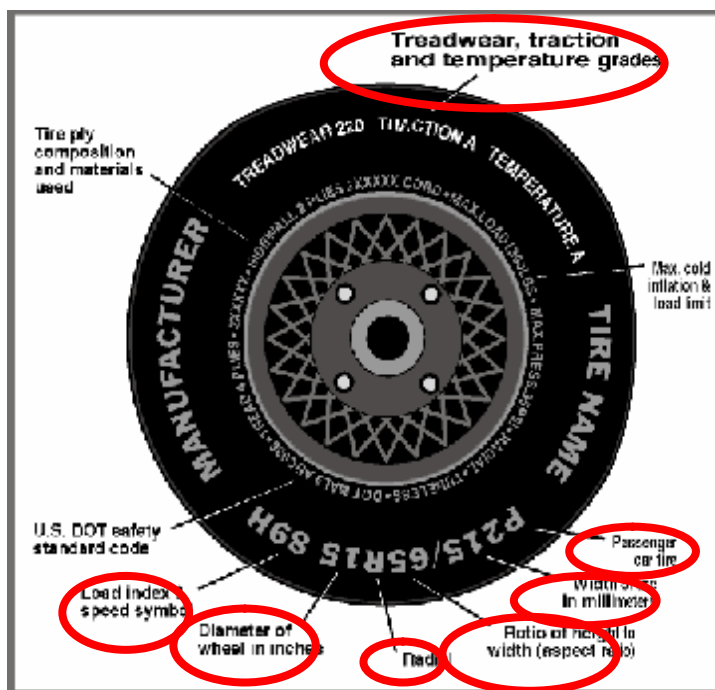
TEST VEHICLE VERTICAL IMPACT LINE AND CG

Measurement Description	Units	Value
Test Vehicle Wheel Base	mm	2636
Target Impact Point Aft of Front Axle	mm	378
Actual Impact Point Aft of Front Axle	mm	377
As Tested CG (aft of front axle)	mm	1232

DATA SHEET NO. 2

TEST VEHICLE TIRE INFORMATION

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



DATA FROM TIRE PLACARD

Measured Parameter	Front	Rear
Maximum Tire Pressure (kPa)	300	300
Cold / Test Pressure (kPa)	220	220
Recommended Tire Size	P215/60R17	P215/60R17
Tire Size on Vehicle	P215/60R17 95 T	P215/60R17 95 T
Tire Manufacturer	Firestone	Firestone
Tire Name	Affinity	Affinity
Tire Type	P	P
Tire Width (mm)	215	215
Ratio of Height to Width (aspect ratio)	60	60
Radial	R	R
Wheel Diameter	17	17
Load Index & Speed Symbol	95 T	95 T
Treadwear	500	500
Traction Grade	A	A
Temperature Grade	B	B

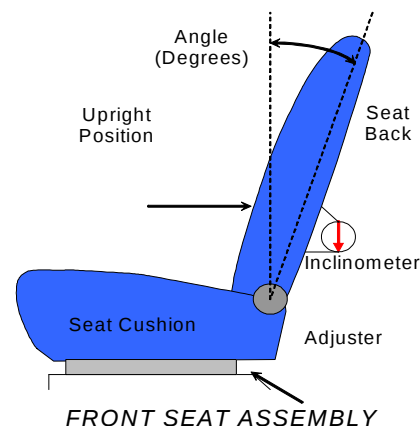
DATA SHEET NO. 3

TEST VEHICLE INFORMATION

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

NORMAL DESIGN RIDING POSITION

The driver and passenger seat back is positioned to the manufacturer's designated angle.

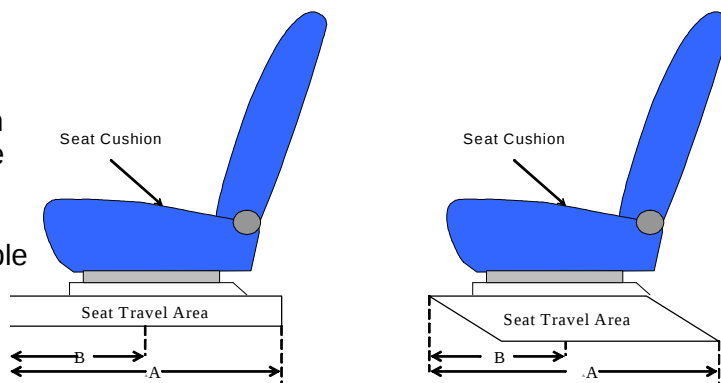


SEAT BACK POSITION

	Driver Seat	Rear Seat
Test Detent (forward-most detent defined as 0)	NA	Not Adjustable
Angle (deg. from forward-most locking position)	16.9	Not Adjustable
Alternative Measurements to Verify Test Position	Head restraint post 14.0° back from vertical	NA

SEAT FORE/AFT POSITIONS

The total seat travel was measured from forward most position to rearmost position irrespective of vertical seat height in those positions. The seat was set at the longitudinal mid position with vertical adjustment at the lowest position obtainable for both the driver and passenger.



SEAT FORE/AFT POSITION

	Driver Seat	Rear Seat
Total Fore/Aft Travel (A) (mm)	260	Not Adjustable
Test Position (B) (mm)	130	NA
Test Detent (forward-most detent defined as 0)	19	NA
Total Number of Detents (including 0)	39	NA

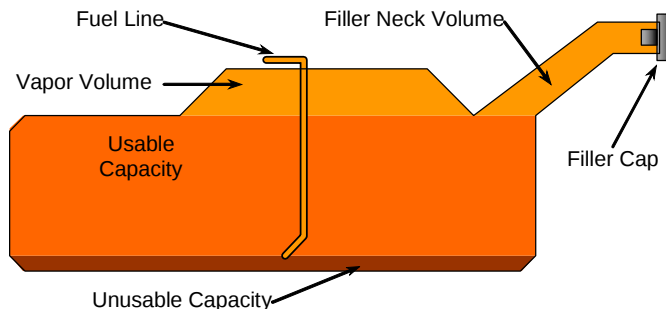
DATA SHEET NO. 3 (CONTINUED)

TEST VEHICLE INFORMATION

Test Vehicle: 2007 Jeep Compass NHTSA No. C70302
Test Program: FMVSS 214 Indicant Side Impact Test Date: August 17, 2006

FUEL SYSTEM INFORMATION

The test vehicle is equipped with an electric fuel pump. The fuel pump operates for approximately two seconds after the ignition is placed in the "ON" position, after which the fuel pump automatically shuts off. The fuel filler door is located on the left rear fender. The standard fuel tank occupies the area under the rear seat.



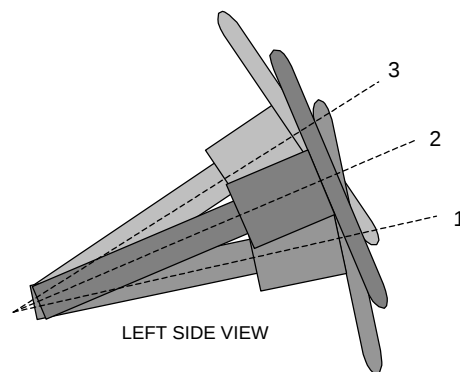
VEHICLE FUEL TANK ASSEMBLY

FUEL TANK CAPACITY

	Liters
Usable Capacity of "Standard" Fuel Tank	51.5
Usable Capacity of "Optional" Fuel Tank	NA
Stoddard Used For Test (92%-94% of Fuel Tank Usable Capacity)	47.4

STEERING COLUMN ADJUSTMENT

Steering wheel and column adjustments are made so that the steering wheel hub is at the geometric center of the locus it describes when moved through its full range of motion. An aluminum plate is placed across the rim of the steering wheel, an inclinometer is placed on the plate and the angle is measured.



STEERING COLUMN ASSEMBLY

STEERING COLUMN POSITION

	Fore/Aft Position (mm)	Tilt (degrees)	Tilt (detent)
Lowermost Position No. 1	NA	21.6	NA
Geometric Center Position No. 2 *	NA	24.8	NA
Uppermost Position No. 3	NA	28.0	NA

DATA SHEET NO. 4**MOVING DEFORMABLE BARRIER (MDB) SUMMARY OF RESULTS**

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

MDB SPECIFICATIONS

Measurement Description	Length (mm)
Overall Width of Framework Carriage	1250
Overall Length Including Honeycomb Face	4120
Wheel base of Framework Carriage	2590
Tread of Framework Carriage (front & rear)	1875
C.G. Location aft of Front Axle	1104

MDB WEIGHTS

	Units	Front Axle	Rear Axle	Total
Left	kg	409.5	281.5	
Right	kg	372.5	299.0	
Ratio	%	57.4	42.6	
Totals	kg	782.0	580.5	1362.5

MDB SPEED AND IMPACT ANGLE DATA

Measured Parameter	Units	Requirement	Value
Trap No. 1 Velocity (Primary)	km/h	61.1 to 62.7	62.28
Trap No. 2 Velocity (Redundant)	km/h	61.1 to 62.7	62.28

POST TEST OBSERVATIONS**MDB LEFT EDGE IMPACT POINT DATA**

Measured Parameter	Units	Requirement	Value
Horizontal Offset	mm	+/- 50	1 mm forward
Vertical Offset	mm	+/-20	5 mm below

DATA SHEET NO. 5
POST TEST OBSERVATIONS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

TEST DUMMY INFORMATION AND CONTACT POINTS

Description	Front Seat SID/HIII	Rear Seat SID/HIII
Dummy Type / Serial No.	SID/HIII / 905	SID/HIII / 906
Head Contact	Top of head to side header trim; Side of head to side curtain airbag	Top of head to side header trim; Side of head to side curtain airbag
Upper Torso Contact	Left arm to door trim above armrest	Left arm to B-pillar trim and door trim above armrest
Lower Torso Contact	Pelvis to door trim below armrest	Pelvis to B-pillar trim and door trim above armrest
Left Knee Contact	Left knee to door trim	Left knee to door trim
Right Knee Contact	Right knee to left knee	Right knee to left knee

POST TEST DOOR OPENING AND SEAT TRACK INFORMATION

Description	Front	Rear
Locked/Unlocked Doors	Doors were unlocked	Doors were unlocked
Left Side Door Opening	Door remained closed and latched	Door remained closed and latched
Right Side Door Opening	Door remained closed and latched; Door opened without tools	Door remained closed and latched; Door opened without tools
Seat Movement	0	0
Seat Back Failure	None	None

POST TEST STRUCTURAL OBSERVATIONS

Critical Areas of Performance	Observations and Conclusions
Pillar Performance	No Separation
Sill Separation	None
Windshield Damage	Left lower corner of the windshield cracked
Window Damage	None
Other Notable Effects	None

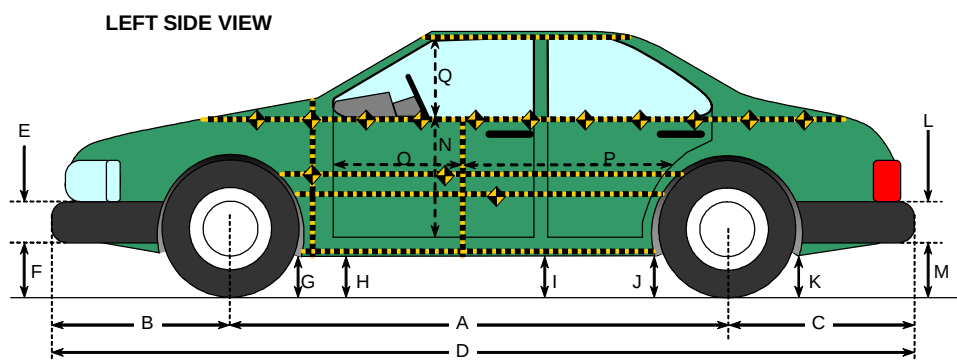
SUPPLEMENTAL RESTRAINT INFORMATION

Restraint Type	Left Front (Driver)		Left Rear (Passenger)	
	Installed	Deployed	Installed	Deployed
Front Airbag	Yes	No	NA	NA
Side Torso Airbag	NA	NA	NA	NA
Side Head/Torso Combination Airbag	NA	NA	NA	NA
Curtain Airbag	Yes	Yes	Yes	Yes

DATA SHEET NO. 6

VEHICLE PRE-TEST AND POST-TEST MEASUREMENTS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



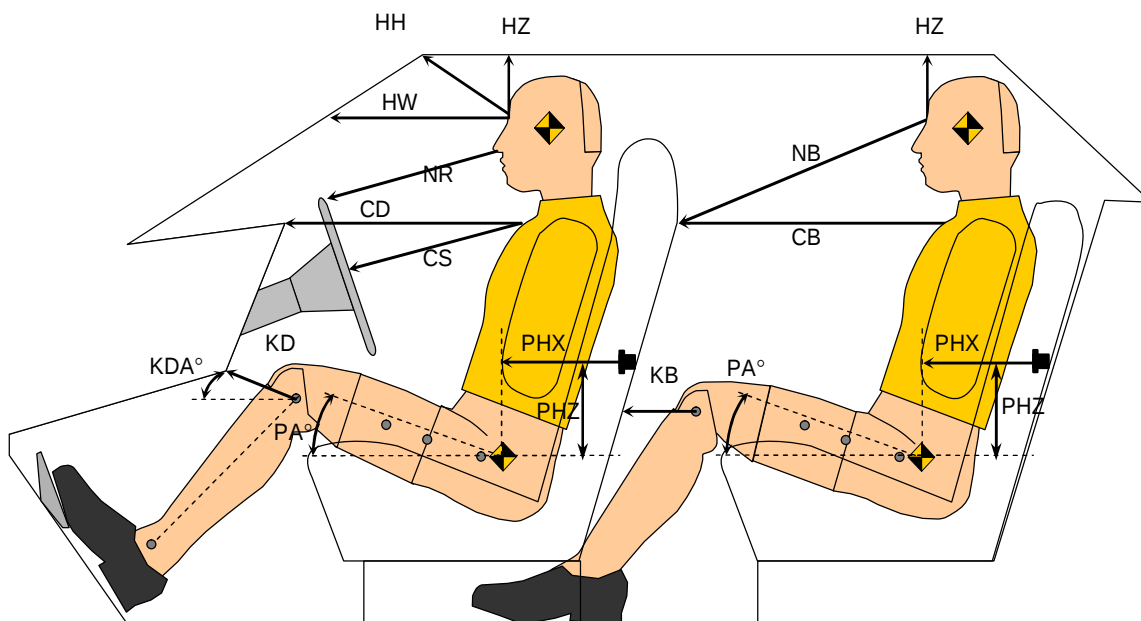
All Measurements in mm

Code	Measurement Description	Pre-Test (delivered)	Pre-Test (as tested)	Post-Test (as tested)	Difference
A	Wheelbase	2638	2636	2629	7
B	Front Axle to FSOV	875	874	888	-14
C	Rear Axle to RSOV	890	893	895	-2
D	Total Length at Centerline	4403	4403	4412	-9
E	Front Bumper Thickness	300	300	300	0
F	Front Bumper Bottom to Ground	250	247	255	-8
G	Sill Height at Front Wheel Well	223	204	235	-31
H	Sill Height at Front Door Leading Edge	224	204	235	-31
I	Sill Height at "B" Pillar	230	202	240	-38
J1	Sill Height at Rear Wheel Well	242	209	233	-24
J2	Pinch Weld Height at Rear Wheel Well	235	203	226	-23
K	Sill Height Aft of Rear Wheel Well	311	269	277	-8
L	Rear Bumper Thickness	319	319	319	0
M	Rear Bumper Bottom to Ground	381	338	347	-9
N	Sill Height to Window Bottom Sill	764	764	748	16
O	Front Door Leading Edge to Impact CL	715	715	701	14
P	Rear Door Trailing Edge to Impact CL	1222	1222	1163	59
Q	Front Window Opening	433	433	434	-1
R	Right Side Length	4302	4302	4312	-10
S	Left Side Length	4301	4301	4297	4
T	Vehicle Width at "B" Post	1762	1762	1699	63

DATA SHEET NO. 7

SID/HIII LONGITUDINAL CLEARANCE DIMENSIONS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

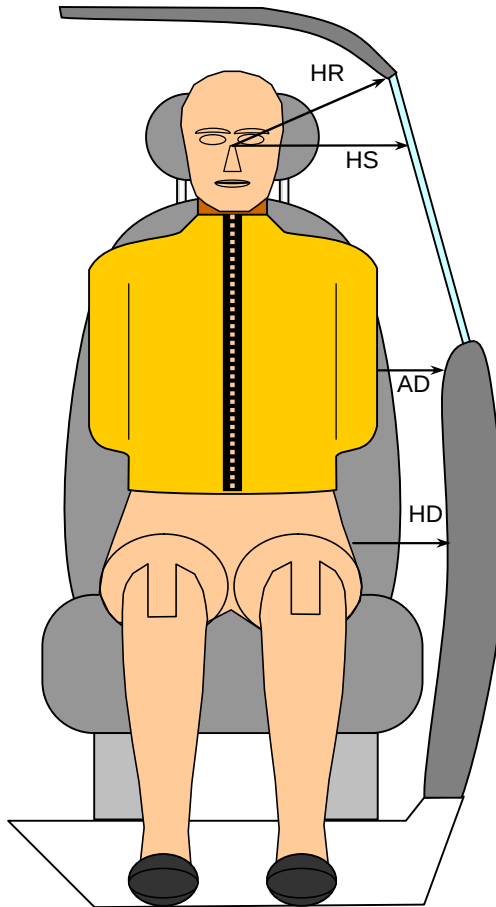


Driver Code	Pass. Code	Measurement Description	Driver S/N 905		Passenger S/N 906	
			Length(mm)	Angle(°)	Length(mm)	Angle(°)
HH		Head to Header	535			
HW		Head to Windshield	800			
HZ	HZ	Head to Roof	207		224	
NR	NB	Nose to Rim/Nose to Seatback	463		554	
CD	CB	Chest to Dash or Seatback	596		509	
CS		Chest to Steering Wheel	318			
KDL	KBL	Left Knee to Dash or Seatback	150	27	217	20
KDR	KBR	Right Knee to Dash or Seatback	156	27	228	22
PA	PA	Pelvic Angle		23.1		23.3
PHX	PHX	H-Point to Striker (X-Axis)	192		144	
PHZ	PHZ	H-Point to Striker (Z-Axis)	131		298	

DATA SHEET NO. 8

SID/HIII LATERAL CLEARANCE DIMENSIONS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



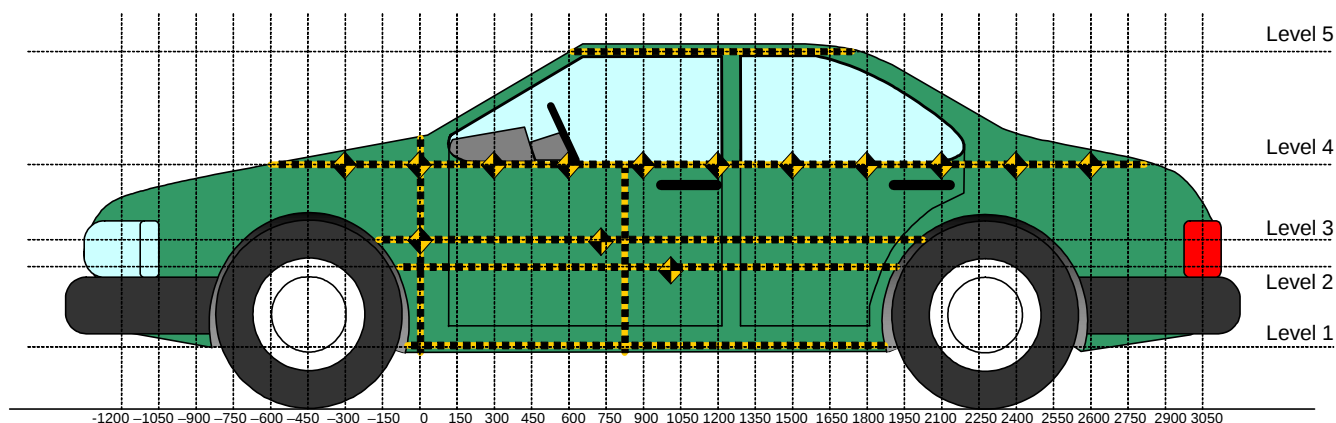
FRONT VIEW OF DUMMY

Code	Measurement Description	Units	Driver S/N 905	Passenger S/N 906
HR	Head to Side Header	mm	223	225
HS	Head to Side Window	mm	348	360
AD ₁	Arm to Door (at upper rib level)	mm	103	65
AD ₂	Arm to Door (at lower rib level)	mm	92	68
HD	H-Point to Door	mm	142	125

DATA SHEET NO. 9

VEHICLE SIDE MEASUREMENTS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



All Measurements Shown in mm

LEFT SIDE VIEW

Measurements are taken with vehicle in the as tested condition.
 Measurements along the vertical 750 mm.
 All measurements below in mm.

Level	Measurement Description	Maximum Exterior Static Crush	Height Above Ground	Distance From Impact
1	Sill Top	15	269	1350
2	Occupant H-Point	171	619	1500
3	Mid Door	183	729	1500
4	Window Sill	107	946	1350
5	Window	5	1528	1500
	Maximum Penetration	183		

DATA SHEET NO. 10

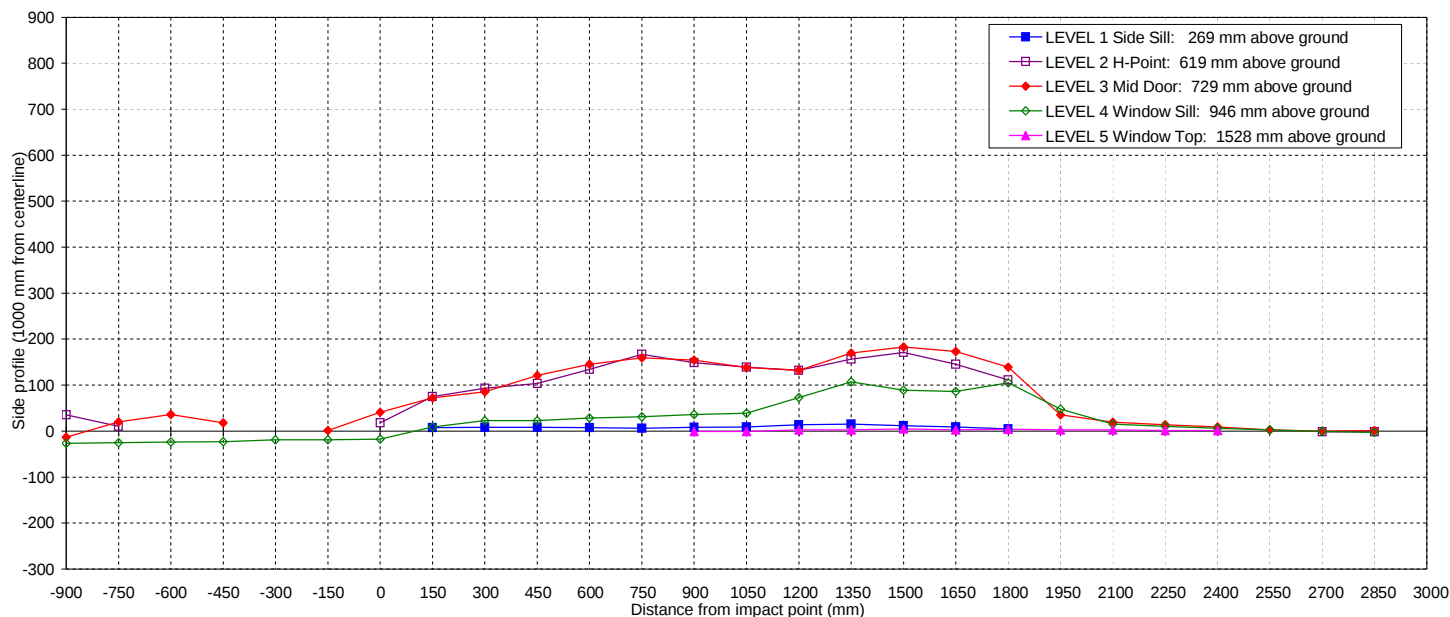
VEHICLE EXTERIOR CRUSH PROFILES

Test Vehicle: 2007 Jeep Compass

NHTSA No. C70302

Test Program: FMVSS 214 Indicant Side Impact

Test Date: August 17, 2006



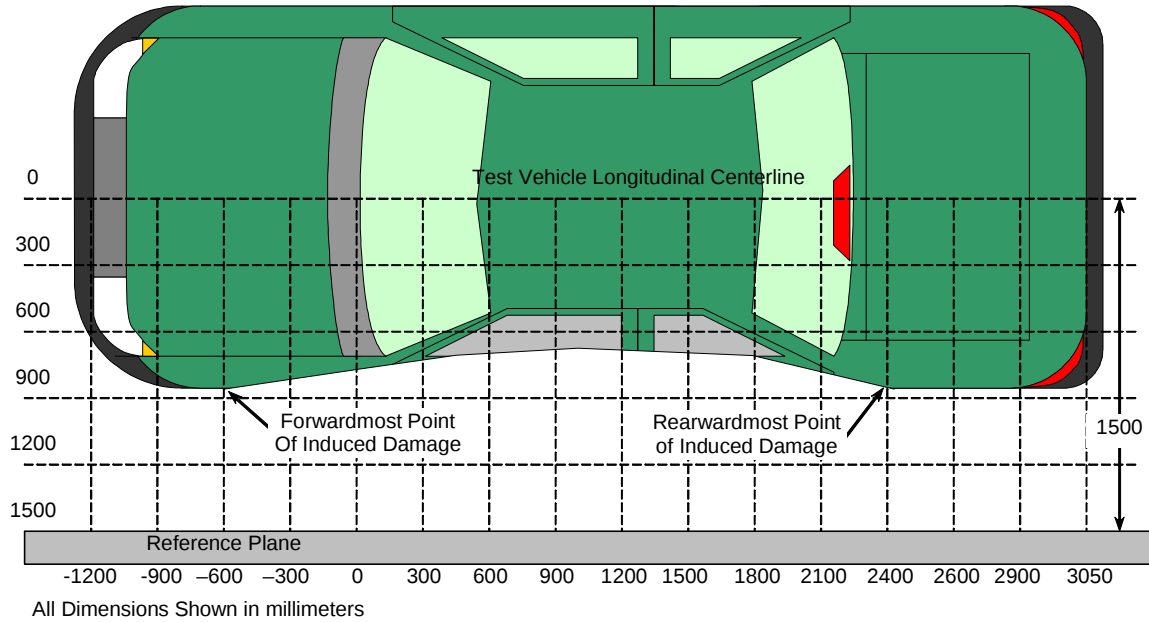
NOTE: All dimensions are in millimeters with a tolerance of ± 3 mm

		DISTANCE IN MILLIMETERS (mm) FROM IMPACT POINT																											
LEVEL	HEIGHT (mm)		-900	-750	-600	-450	-300	-150	0	150	300	450	600	750	900	1050	1200	1350	1500	1650	1800	1950	2100	2250	2400	2550	2700	2850	3000
LEVEL 1	269	PRE	--	--	--	--	--	--	--	179	176	174	173	173	172	172	173	174	175	178	181	--	--	--	--	--	--	--	--
SIDE		POST	--	--	--	--	--	--	--	186	184	182	180	179	180	181	187	189	187	187	186	--	--	--	--	--	--	--	--
SILL		CRUSH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7	8	8	7	6	8	9	14	15	12	9	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LEVEL 2	619	PRE	158	137	--	--	--	--	114	124	128	126	124	123	122	122	123	124	125	124	111	--	--	--	--	--	132	151	--
H		POST	193	147	--	--	--	--	132	199	221	229	258	290	271	261	255	280	296	269	222	--	--	--	--	--	130	149	--
POINT		CRUSH	35	10	N/A	N/A	N/A	N/A	18	75	93	103	134	167	149	139	132	156	171	145	111	N/A	N/A	N/A	N/A	N/A	-2	-2	N/A
LEVEL 3	729	PRE	169	140	124	115	--	110	109	124	128	126	124	122	121	120	121	121	121	120	104	96	97	94	98	110	127	156	--
MID		POST	156	160	160	133	--	111	150	196	213	247	269	281	275	258	253	291	304	293	243	131	116	108	107	113	127	157	--
DOOR		CRUSH	-13	20	36	18	N/A	1	41	72	85	121	145	159	154	138	132	170	183	173	139	35	19	14	9	3	0	1	N/A
LEVEL 4	946	PRE	347	287	257	237	219	194	174	158	156	152	148	145	143	131	141	141	140	141	127	117	117	120	124	134	147	184	--
WINDOW		POST	320	262	233	214	200	175	156	167	179	175	176	176	179	170	214	248	229	227	232	165	132	130	130	137	146	181	--
SILL		CRUSH	-27	-25	-24	-23	-19	-19	-18	9	23	23	28	31	36	39	73	107	89	86	105	48	15	10	6	3	-1	-3	N/A
LEVEL 5	1528	PRE	--	--	--	--	--	--	--	--	--	--	--	--	390	378	372	372	371	372	375	378	388	406	439	--	--	--	--
WINDOW		POST	--	--	--	--	--	--	--	--	--	--	--	--	389	377	375	375	376	375	379	381	391	407	440	--	--	--	--
TOP		CRUSH	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-1	-1	3	3	5	3	4	3	3	1	1	N/A	N/A	N/A

DATA SHEET NO. 11

VEHICLE DAMAGE PROFILE DISTANCES

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



TOP VIEW

DAMAGE PROFILE DISTANCES

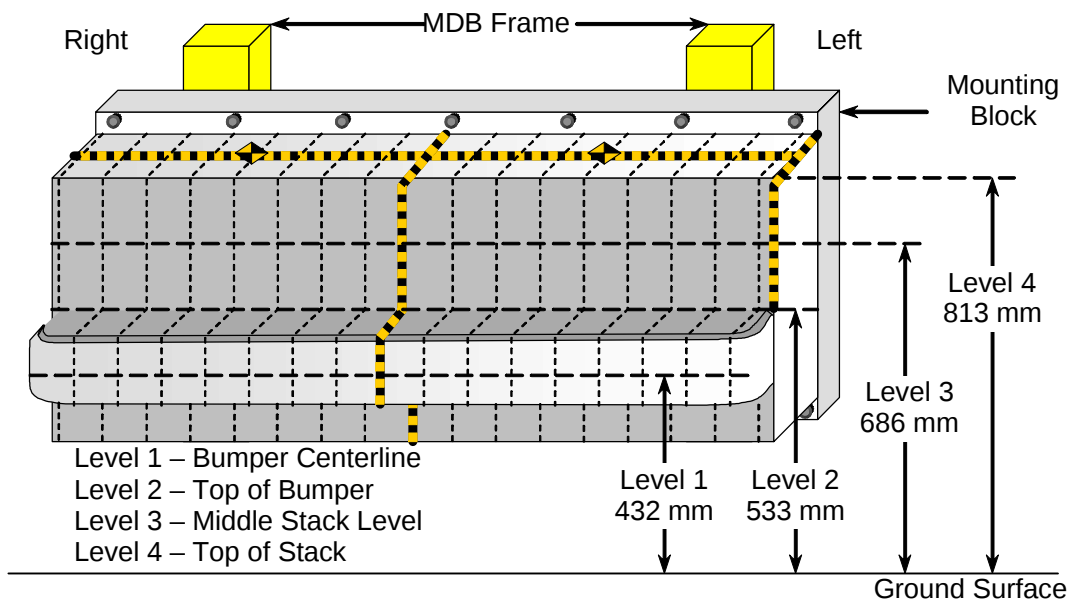
DPD	Distance from Impact Point in mm	Level	Pre-Test (mm)	Post-Test (mm)	Max Static Crush (mm)
1 (LR)	2600	729	116	118	2
2	2050	946	117	143	26
3	1500	729	121	304	183
4	950	729	121	269	148
5	400	729	127	236	109
6 (LF)	-150	729	110	111	1

Reference plane is parallel to test vehicle longitudinal centerline.
 Given dimensions = Reference plane to vehicle body.

DATA SHEET NO. 12

DEFORMABLE BARRIER HONEYCOMB FACE STATIC CRUSH

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



NOTE: All dimensions are in millimeters with a tolerance of ± 3 mm

			NOTES: All dimensions are in millimeters with a tolerance of ±0.5mm																	
			DISTANCE RIGHT OF CENTER (mm)										DISTANCE LEFT OF CENTER (mm)							
LEVEL	HEIGHT AT CL (mm)*		800	700	600	500	400	300	200	100	0	100	200	300	400	500	600	700	800	
LEVEL 4 TOP STACK	813	PRE	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	
		POST	716	704	674	670	684	719	709	701	696	696	692	704	720	732	746	774	793	
		CRUSH	97	85	55	51	65	100	90	82	77	77	73	85	101	113	127	155	174	
LEVEL 3 MID LEVEL	686	PRE	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	
		POST	715	691	678	674	678	705	692	673	664	660	661	665	673	688	718	762	760	
		CRUSH	96	72	59	55	59	86	73	54	45	41	42	46	54	69	99	143	141	
LEVEL 2 TOP BUMPER	533	PRE	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	
		POST	777	773	762	747	740	739	732	733	734	735	734	737	737	739	747	757	773	
		CRUSH	158	154	143	128	121	120	113	114	115	116	115	118	118	120	128	138	154	
LEVEL 1 MID BUMPER	432	PRE	535	519	518	518	518	518	518	518	518	518	518	518	518	518	518	519	535	
		POST	735	714	699	679	667	663	663	660	659	660	662	663	665	667	673	684	679	
		CRUSH	200	195	181	161	149	145	145	142	141	142	144	145	147	149	155	165	144	

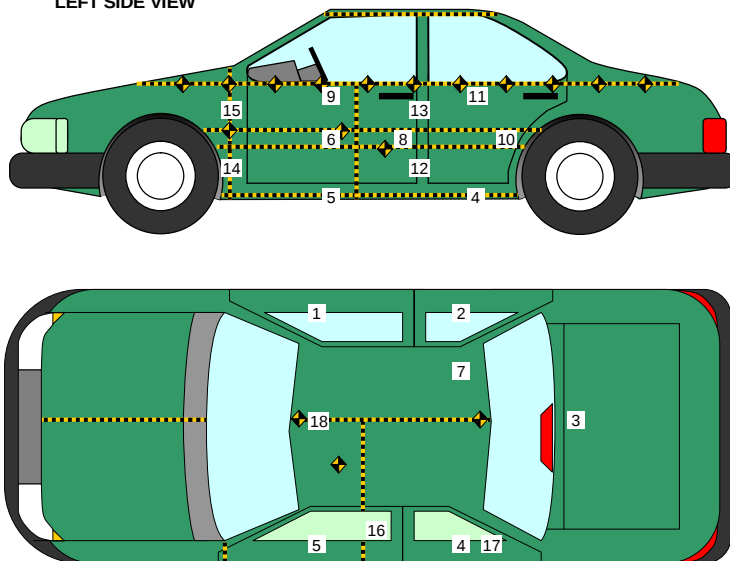
*Heights measured above ground level.

DATA SHEET NO. 13

VEHICLE ACCELEROMETER LOCATIONS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

LEFT SIDE VIEW



Loc. No.	Accelerometer Location	Measurements (mm)		
		X	Y	Z
1	Right Sill at Front Seat	2819	655	332
2	Right Sill at Rear Seat	1999	518	270
3	Rear Floorpan Above Axle	1032	-13	629
4	Left Sill at Rear Door	1994	-516	262
5	Left Sill at Front Door	2539	-529	306
6	Left Front Door C/L **	-	-	-
7	Rear Occupant Compartment	1804	508	211
8	Left Front Door Mid-Rear**	-	-	-
9	Left Front Door Upper C/L **	-	-	-
10	Left Rear Door Mid-Rear**	-	-	-
11	Left Rear Door Upper C/L **	-	-	-
12	Left Lower B-Post	1934	-653	422
13	Left Middle B-Post	1906	-690	855
14	Left Lower A-Post	3080	-619	593
15	Left Middle A-Post	2957	-633	1080
16	Front Seat Track	2042	-541	334
17	Rear Seat Track or Structure	1721	-617	297
18	Vehicle CG	2346	-40	433

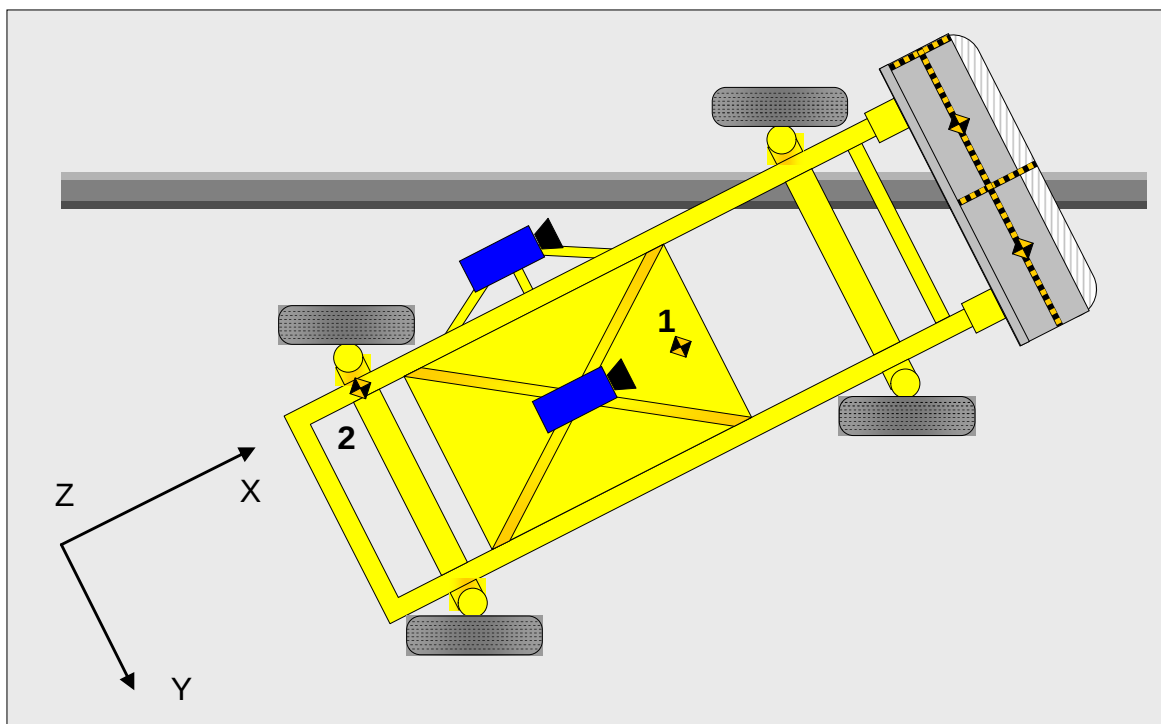
Reference Points X - Test Vehicle Rear Bumper (+ forward)
 Y - Test Vehicle Centerline (+ to right)
 Z - Ground Plane (+ down)

** Accelerometer was not requested by the COTR.

DATA SHEET NO. 14

MDB ACCELEROMETER LOCATIONS

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



Loc. No.	Accelerometer Location	Measurements (mm)		
		X	Y	Z
1	MDB CG	1859	0	-330
2	MDB Rear	386	-660	-660

Reference Points X - MDB Rear Bumper (+ forward)
 Y - MDB Centerline (+ to right)
 Z - Ground Plane (+ down)

DATA SHEET NO. 15**VEHICLE STRUCTURAL MEASUREMENTS**

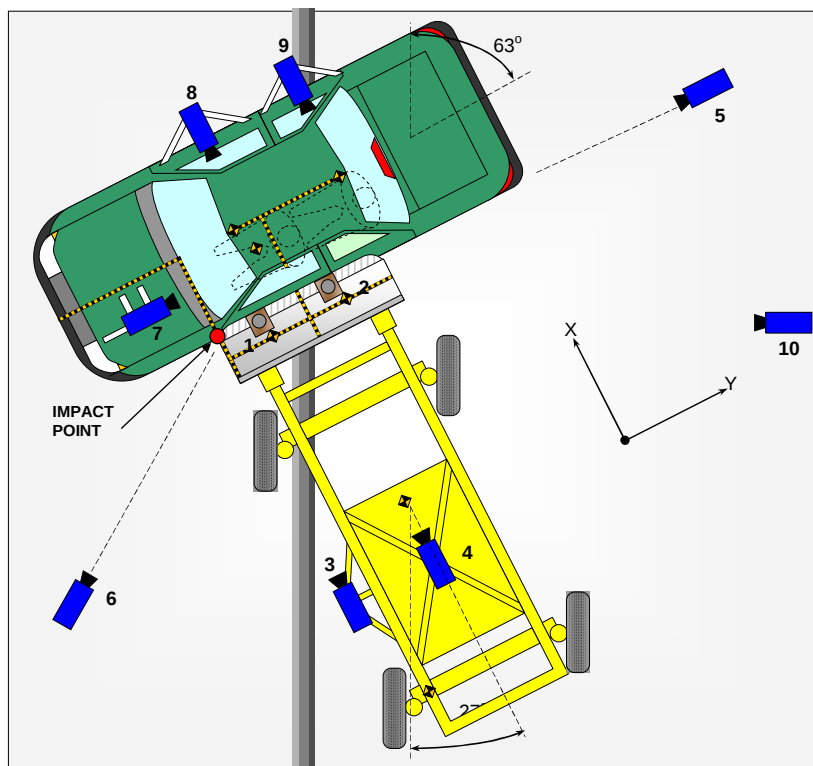
Test Vehicle: 2007 Jeep Compass NHTSA No. C70302
Test Program: FMVSS 214 Indicant Side Impact Test Date: August 17, 2006

	Elements	Pre-Test (mm)
1	Total Length	4403
2	Total Width	1762
3	Bumper Top Height	545
4	Bumper Bottom Height	400
5	Longitudinal Member Top Height	589
6	Distance between Longitudinal Members	900
7	Longitudinal Member Width	70
8	Engine Top Height	891
9	Engine Bottom Height	235
10	Engine and gearbox width	589
11	Front bumper-engine distance	429
12	Front shock absorber fixing height	918
13	Bonnet leading edge height	887
14	Front shock absorber fixing width	1100
15	Front bumper – front axle distance	874
16	Front axle – a pillar distance	630
17	A-pillar – B-pillar distance	927
18	B-Pillar – rear axle distance	1079
19	B-pillar – C-pillar distance	812
20	Roof sill bottom height	1480
21	Roof sill top height	1570
22	Floor sill bottom height	240
23	Floor sill top height	391

DATA SHEET NO. 16

HIGH SPEED CAMERA LOCATIONS AND DATA

Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006



No.	Camera View	Location (mm)			Angle (deg)	Lens (mm)	Film Speed (fps)
		X	Y	Z			
1	Overhead Close-up	72	812	-4880	-90	8	1000
2	Overhead Overall	195	855	-4880	-90	28	1000
3	MDB Onboard, Impact Point Close-up	-1470	0	-847	0	13	1000
4	MDB Onboard, Centerline of Impact	-1140	838	-1587	-17	7.5	1000
5	Right Side, Ground Level, Overall	714	10814	-1130	-3	50	1000
6	Left Side, Ground Level, Overall	-2271	-671	-996	-4	28	1000
7	Vehicle Onboard Front SID/HIII, Front	474	-399	-1374	-9	25	1000
8	Vehicle Onboard Front SID/HIII, Side	1616	821	-1151	-9	12.5	1000
9	Vehicle Onboard Rear SID/HIII, Side	1607	1737	-1169	-10	12.5	1000
10	Real Time Coverage						30

Reference Points

- X - Impact Line
- Y - MDB Left Edge Impact Point
- Z - Ground Plane

DATA SHEET NO. 17
SUMMARY OF FMVSS 301 DATA

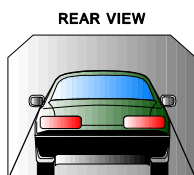
Test Vehicle:	2007 Jeep Compass	NHTSA No.	C70302
Test Program:	FMVSS 214 Indicant Side Impact	Test Date:	August 17, 2006

FUEL SYSTEM INTEGRITY POST IMPACT DATA

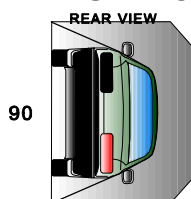
Time Interval	FMVSS 301 Maximum Allowable Spillage	Spillage (g)
Impact Until Motion Ceases	28 g	0
First Five Minutes Following Impact	142 g	0
Next 25 Minutes	28 g / 1 minute	0

Spillage Location(s)	None
----------------------	------

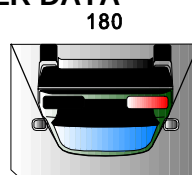
STATIC ROLLOVER DATA



0/360

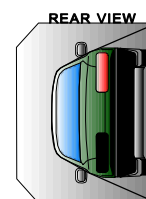


90



180

REAR VIEW



270

Rollover Stage	Rotation Time (spec. 1 -3 min)				FMVSS 301 Hold Time		Total Time				Next Whole Minute Interval	
0° - 90°	1	minutes	7	seconds	5	minutes	6	minutes	7	seconds	7	minutes
90° - 180°	1	minutes	7	seconds	5	minutes	6	minutes	7	seconds	7	minutes
180°-270°	1	minutes	3	seconds	5	minutes	6	minutes	3	seconds	7	minutes
270°-360°	1	minutes	10	seconds	5	minutes	6	minutes	10	seconds	7	minutes

Rollover Stage	Spillage (g)			
	First 5 min. from onset of rotation	6 th min.	7 th min.	8 th min. (if required)
0° - 90°	0	0	0	-
90° - 180°	0	0	0	-
180°-270°	0	0	0	-
270°-360°	0	0	0	-
FMVSS 301 Maximum Allowable (for each 90° stage)	142	28	28	28

Rollover Stage	Spillage Location(s)
0° - 90°	None
90° - 180°	None
180°-270°	None
270°-360°	None

APPENDIX A
PHOTOGRAPHS

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Figure A-1: As Received Left Front $\frac{3}{4}$ View



Figure A-2: As Received Right Rear $\frac{3}{4}$ View



Figure A-3: Vehicle Certification Label



Figure A-4: Vehicle Tire Placard Label



Figure A-5: Pre-Test Front View



Figure A-6: Post-Test Front View



Figure A-7: Pre-Test Left Front $\frac{3}{4}$ View



Figure A-8: Post-Test Left Front $\frac{3}{4}$ View



Figure A-9: Pre-Test Left Side View



Figure A-10: Post-Test Left Side View



Figure A-11: Pre-Test Left Rear $\frac{3}{4}$ View



Figure A-12: Post-Test Left Rear $\frac{3}{4}$ View



Figure A-13: Pre-Test Rear View



Figure A-14: Post-Test Rear View



Figure A-15: Pre-Test Right Rear $\frac{3}{4}$ View



Figure A-16: Post-Test Right Rear $\frac{3}{4}$ View



Figure A-17: Pre-Test Right Side View



Figure A-18: Post-Test Right Side View



Figure A-19: Pre-Test Right Front $\frac{3}{4}$ View



Figure A-20: Post-Test Right Front $\frac{3}{4}$ View



Figure A-21: Pre-Test Frontal View of MDB Impactor Face



Figure A-22: Post-Test Frontal View of MDB Impactor Face



Figure A-23: Pre-Test Left Side View of MDB Impactor Face



Figure A-24: Post-Test Left Side View of MDB Impactor Face



Figure A-25: Pre-Test Right Side View of MDB Impactor Face



Figure A-26: Post-Test Right Side View of MDB Impactor Face

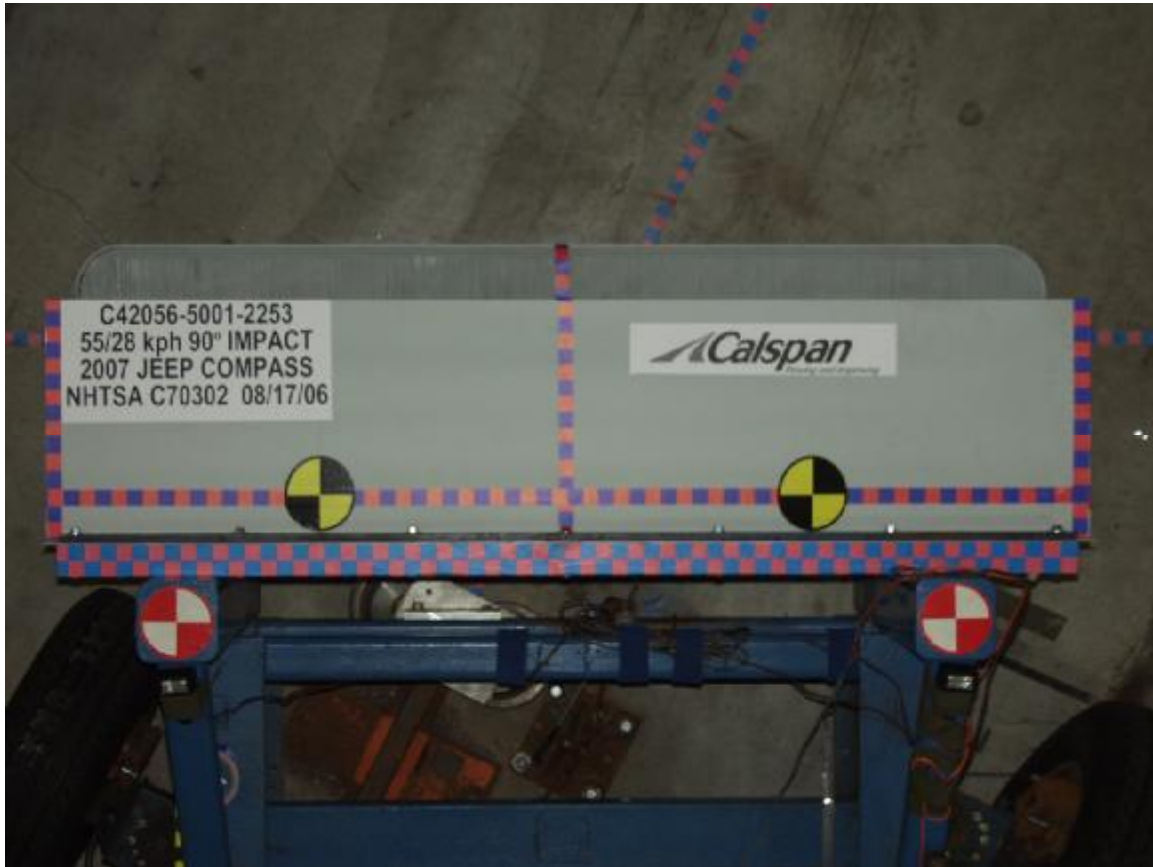


Figure A-27: Pre-Test Top View of MDB Impactor Face



Figure A-28: Post-Test Top View of MDB Impactor Face



Figure A-29: Pre-Test Left Side View of Aligned MDB and Vehicle



Figure A-30: Pre-Test Right Side View of Aligned MDB and Vehicle



Figure A-31: Pre-Test Overhead View of Aligned MDB and Vehicle

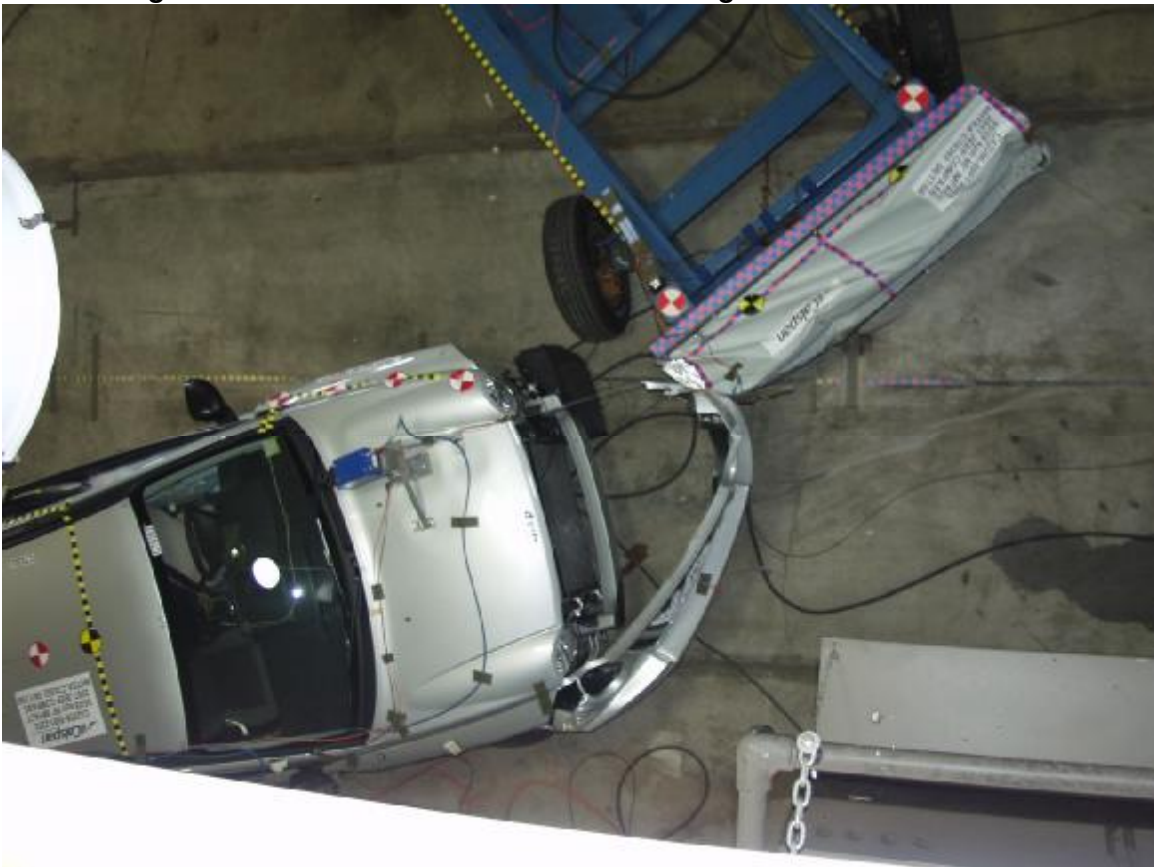


Figure A-32: Post-Test Overhead View of MDB and Vehicle



Figure A-33: Pre-Test Close-Up View of Impact Point Target



Figure A-34: Post-Test Close-Up View of Impact Point Target



Figure A-35: Pre-Test Right Occupant Compartment View of Driver



Figure A-36: Post-Test Right Occupant Compartment View of Driver



Figure A-37: Pre-Test Right Occupant Compartment View of Passenger



Figure A-38: Post-Test Right Occupant Compartment View of Passenger



Figure A-39: Pre-Test Left Occupant Compartment View of Driver



Figure A-40: Post-Test Left Occupant Compartment View of Driver



Figure A-41: Pre-Test Left Occupant Compartment View of Passenger



Figure A-42: Post-Test Left Occupant Compartment View of Passenger



Figure A-43: Pre-Test Left Front Interior Trim



Figure A-44: Post-Test Left Front Interior Trim



Figure A-45: Pre-Test Left Rear Interior Trim



Figure A-46: Post-Test Left Rear Interior Trim



Figure A-47: Pre-Test Left Front $\frac{3}{4}$ View of Left Side Doors



Figure A-48: Post-Test Left Front $\frac{3}{4}$ View of Left Side Doors



Figure A-49: Pre-Test Left Rear $\frac{3}{4}$ View of Left Side Doors



Figure A-50: Post-Test Left Rear $\frac{3}{4}$ View of Left Side Doors



Figure A-51: Rollover 90 Degrees



Figure A-52: Rollover 180 Degrees



Figure A-53: Rollover 270 Degrees



Figure A-54: Rollover 360 Degrees



Figure A-55: Impact Photo

APPENDIX B
SID/HIII, VEHICLE AND MDB RESPONSE DATA
(SAE sign convention)

DATA CHANNEL FILTER CLASS SUMMARY

Data Type	SAE Filter Class
Dummy Head Accelerations	CFC 1000
Rib Accelerations	FIR 100
Spine Accelerations	FIR 100
Pelvis Accelerations	FIR 100

DATA CHANNEL TITLE KEY

Prefix	Suffix
V1 = Vehicle 1 (Moving Barrier)	Ax = Acceleration, X-direction
V2 = Vehicle 2 (Test Vehicle)	Ay = Acceleration, Y-direction
P1 = Left Front Seating Position (Driver)	Az = Acceleration, Z-direction
P4 = Left Second Row Seating Position (Passenger)	Fx = Force, X-direction
A1-A18 = Accelerometer Location Number	Fy = Force, Y-direction
	Fz = Force, Z-direction
	Mx = Moment about X
	My = Moment about Y
	Mz = Moment about Z

TABLE OF DATA PLOTS

PLOT	PLOT NAME[UNITS, CHANNEL FILTER CLASS]	PAGE
1	V2P1 Head Ax [g, CFC_1000]	B-5
2	V2P1 Head Ay [g, CFC_1000]	B-5
3	V2P1 Head Az [g, CFC_1000]	B-5
4	V2P1 Head Ar [g, CFC_1000]	B-5
5	V1P1 Upper Rib Ay [g, FIR_100]	B-6
6	V1P1 Lower Rib Ay [g, FIR_100]	B-6
7	V1P1 Lower Spine Ay [g, FIR_100]	B-6
8	V1P1 Pelvic Ay [g, FIR_100]	B-6
9	V2P4 Head Ax [g, CFC_1000]	B-7
10	V2P4 Head Ay [g, CFC_1000]	B-7
11	V2P4 Head Az [g, CFC_1000]	B-7
12	V2P4 Head Ar [g, CFC_1000]	B-7
13	V1P4 Upper Rib Ay [g, FIR_100]	B-8
14	V1P4 Lower Rib Ay [g, FIR_100]	B-8
15	V1P4 Lower Spine Ay [g, FIR_100]	B-8
16	V1P4 Pelvic Ay [g, FIR_100]	B-8

The following dummy, vehicle and load cell response data can be found in the research and development section of the NHTSA website at: www.nhtsa.dot.gov

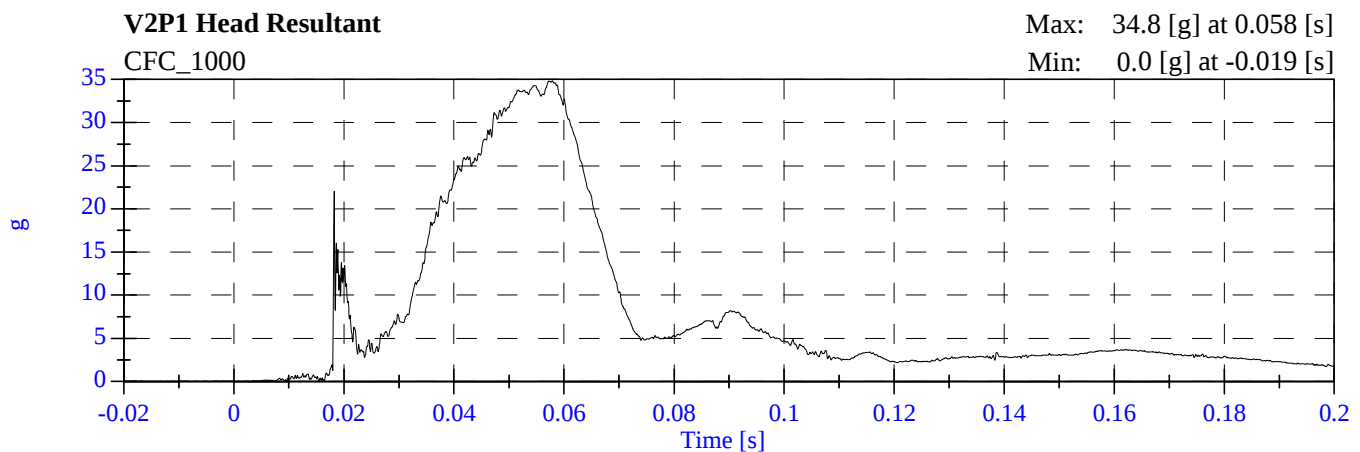
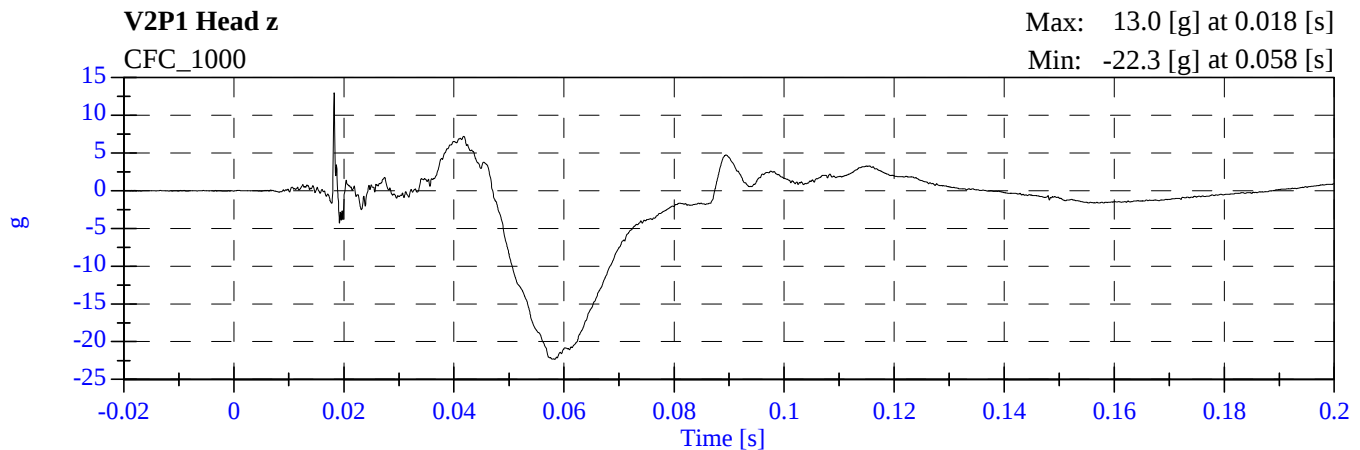
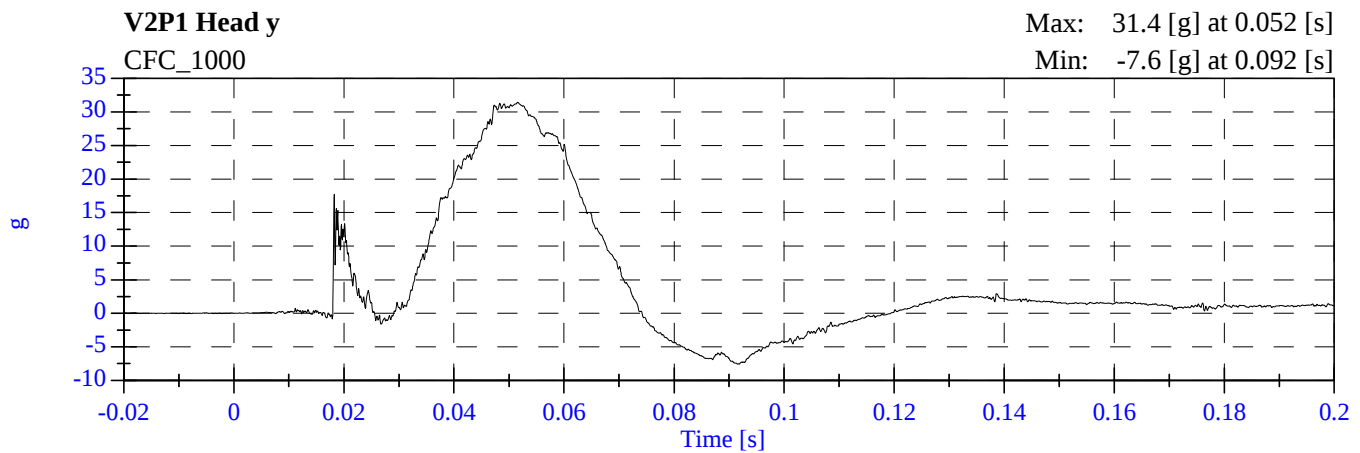
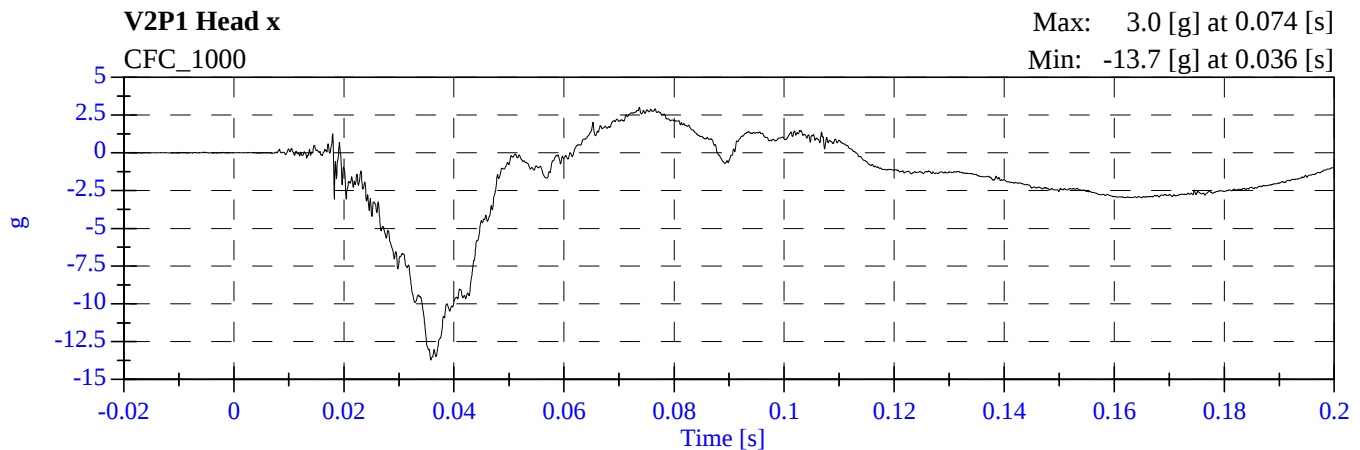
V2P1 Head Ax	V2A1 Right Front Sill Ax
V2P1 Head Ay	V2A1 Right Front Sill Ay
V2P1 Head Az	V2A1 Right Front Sill Az
V2P1 Upper Neck Fx	V2A2 Right Rear Sill Ax
V2P1 Upper Neck Fy	V2A2 Right Rear Sill Ay
V2P1 Upper Neck Fz	V2A2 Right Rear Sill Az
V2P1 Upper Neck Mx	V2A3 Rear Floorpan Ax
V2P1 Upper Neck My	V2A3 Rear Floorpan Ay
V2P1 Upper Neck Mz	V2A3 Rear Floorplan Az
V2P1 Upper Rib Ay	V2A4 Left Rear Sill Ay
V2P1 Upper Rib Redundant Ay	V2A5 Left Front Sill Ay
V2P1 Lower Rib Ay	V2A7 Right Rear Compartment Ay
V2P1 Lower Rib Redundant Ay	V2A12 Left Lower B Post Ay
V2P1 Lower Spine Ay	V2A13 Left Mid B Post Ay
V2P1 Lower Spine Redundant Ay	V2A14 Left Lower A Post Ay
V2P1 Pelvic Ay	V2A15 Left Mid A Post Ay
V2P1 Pelvic Redundant Ay	V2A16 Front Seat Track Ay
V2P4 Head Ax	V2A17 Rear Seat Track Ay
V2P4 Head Ay	V2A18 Target CG Ax
V2P4 Head Az	V2A18 Target CG Ay
V2P4 Upper Neck Fx	V2A18 Target CG Az
V2P4 Upper Neck Fy	V1 Moving Barrier CG Ax
V2P4 Upper Neck Fz	V1 Moving Barrier CG Ay
V2P4 Upper Neck Mx	V1 Moving Barrier CG Az
V2P4 Upper Neck My	V1 Moving Barrier Left Rail Ax
V2P4 Upper Neck Mz	V1 Moving Barrier Left Rail Ay
V2P4 Upper Rib Ay	
V2P4 Upper Rib Redundant Ay	
V2P4 Lower Rib Ay	
V2P4 Lower Rib Redundant Ay	
V2P4 Lower Spine Ay	
V2P4 Lower Spine Redundant Ay	
V2P4 Pelvic Ay	
V2P4 Pelvic Redundant Ay	

TEST NOTES

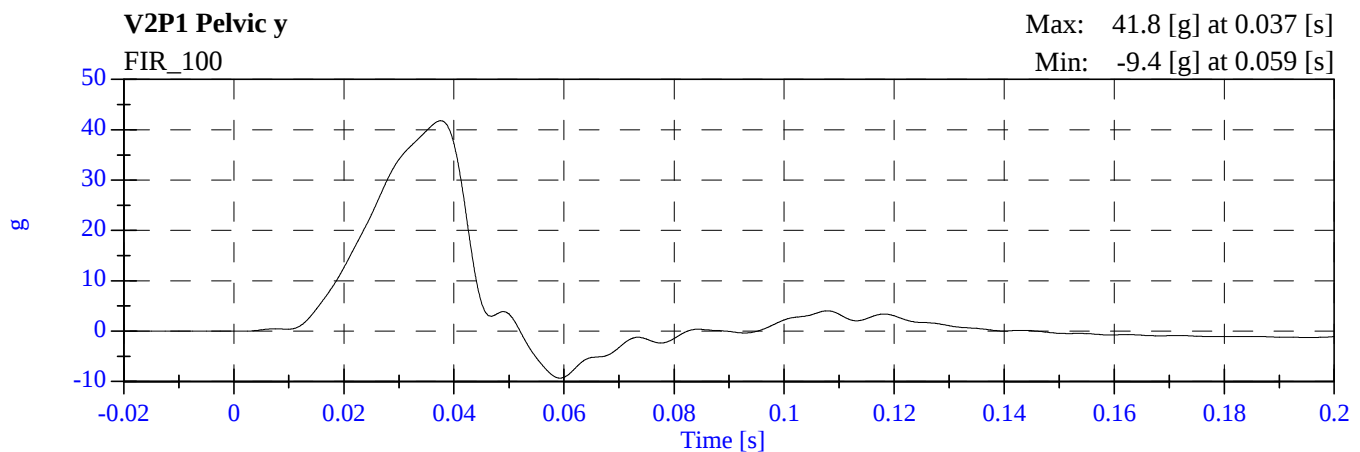
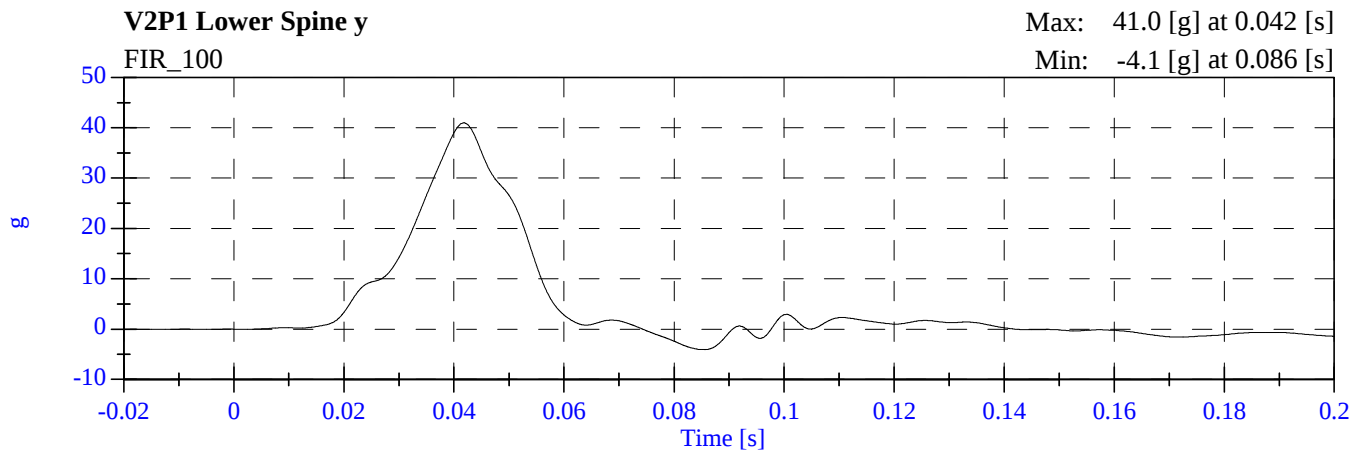
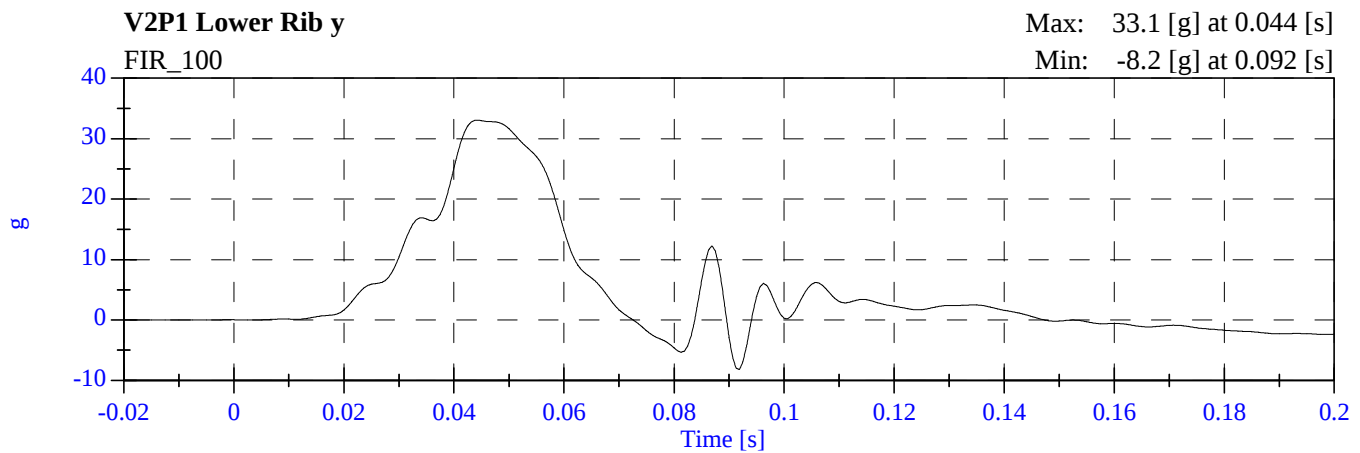
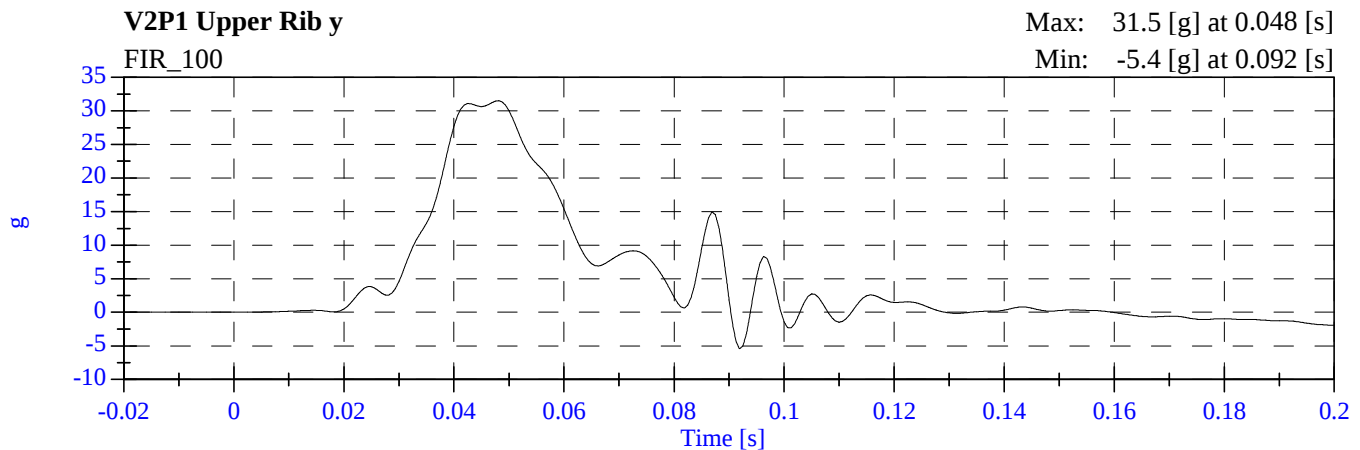
The following channel anomalies occurred:

V2P1 Pelvic Ry	- Data Invalid: 31-54 ms
V2A3 Rear Floorpan Y	- Transducer Failed
V2A4 Left Rear Sill Y	- Transducer Dismounted at 25 ms
V2A12 Left Lower B Post Y	- Transducer Dismounted at 10 ms

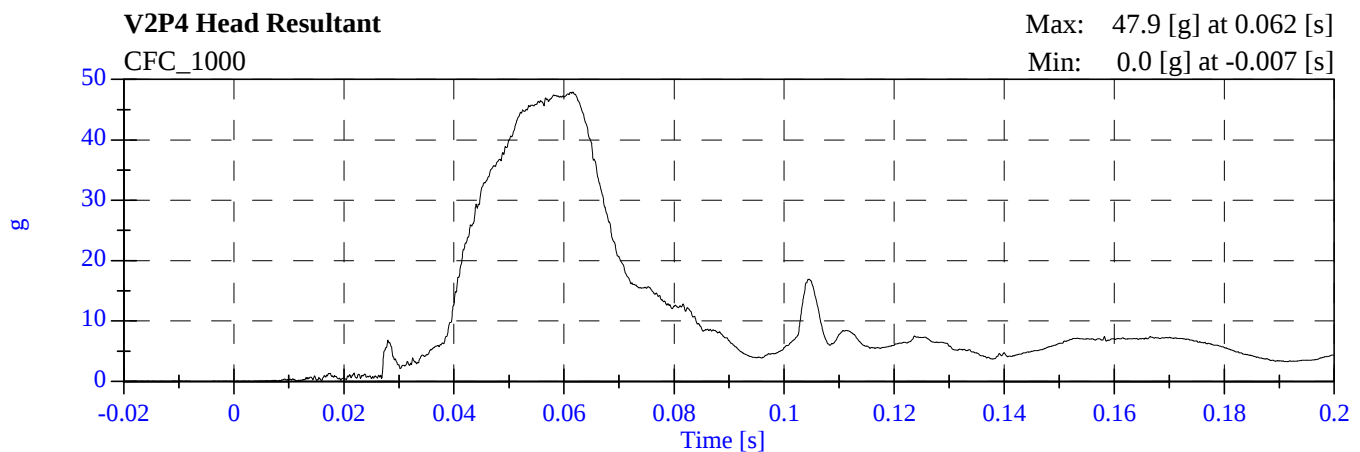
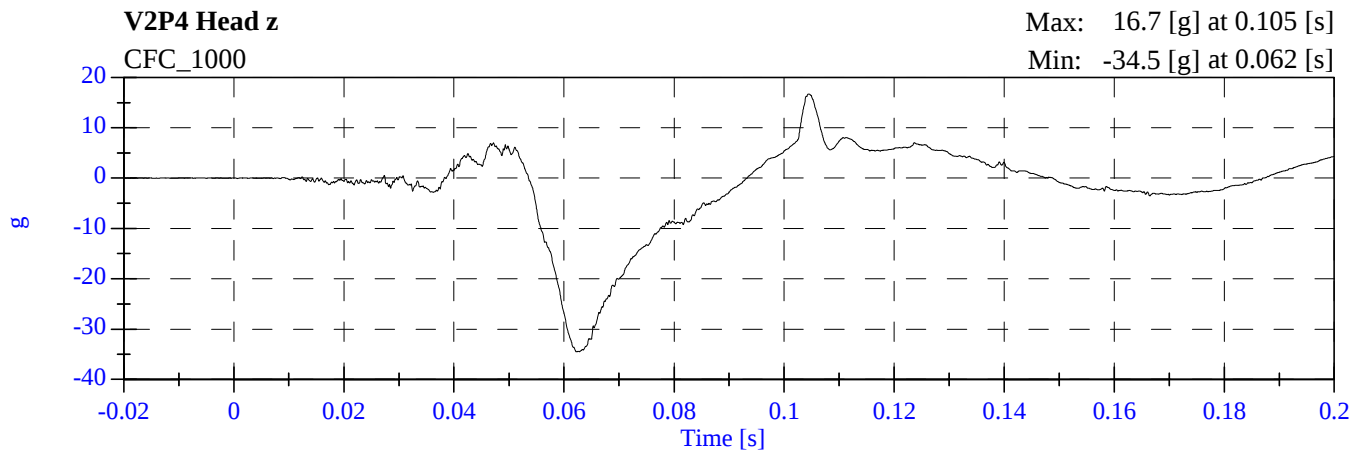
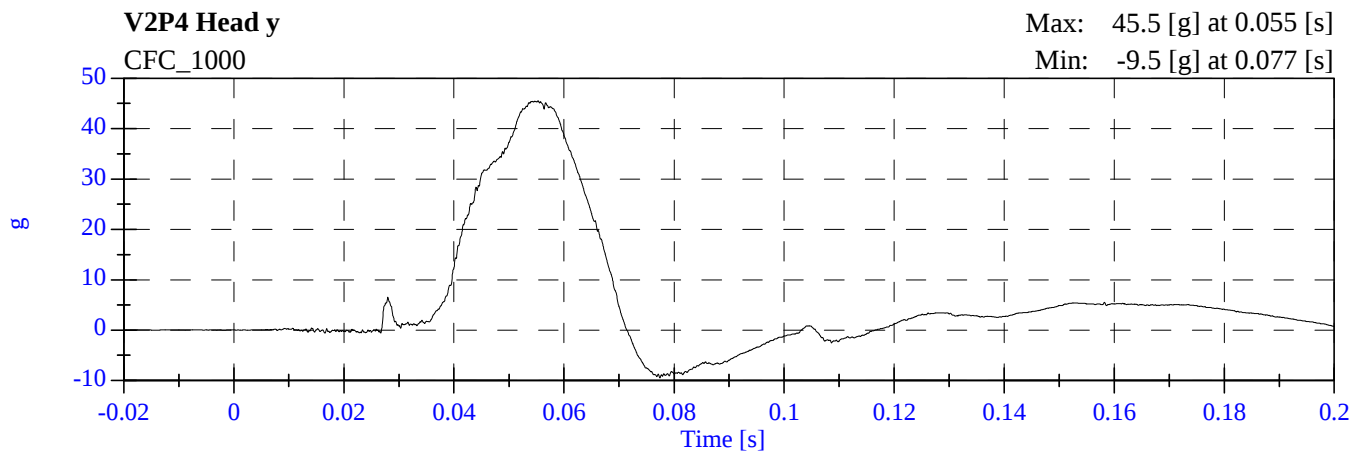
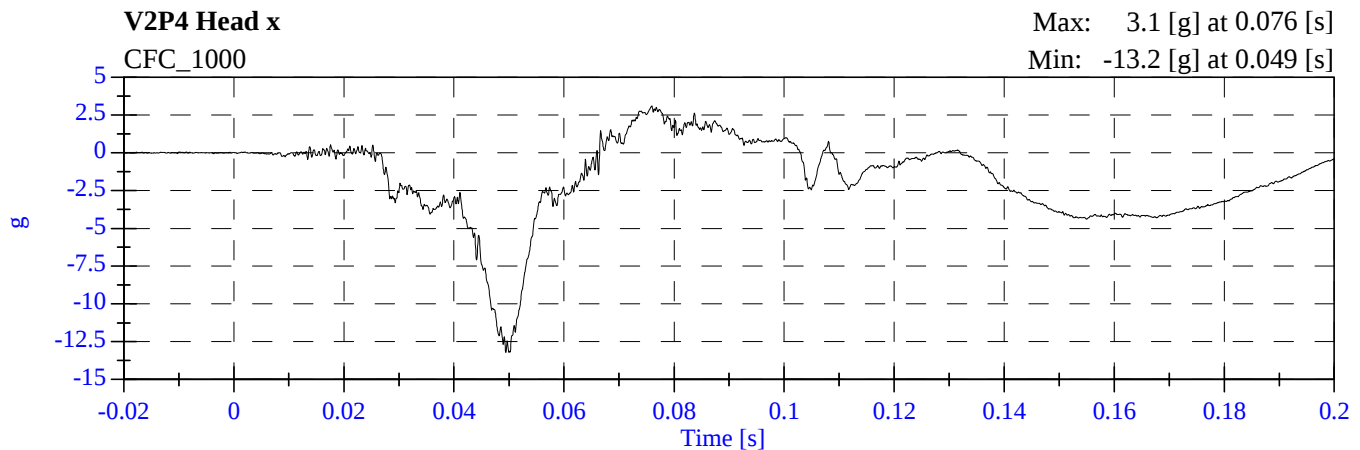
2007 FMVSS 214D Indicant Test - 2007 Jeep Compass C70302 - August 17, 2006



2007 FMVSS 214D Indicant Test - 2007 Jeep Compass C70302 - August 17, 2006

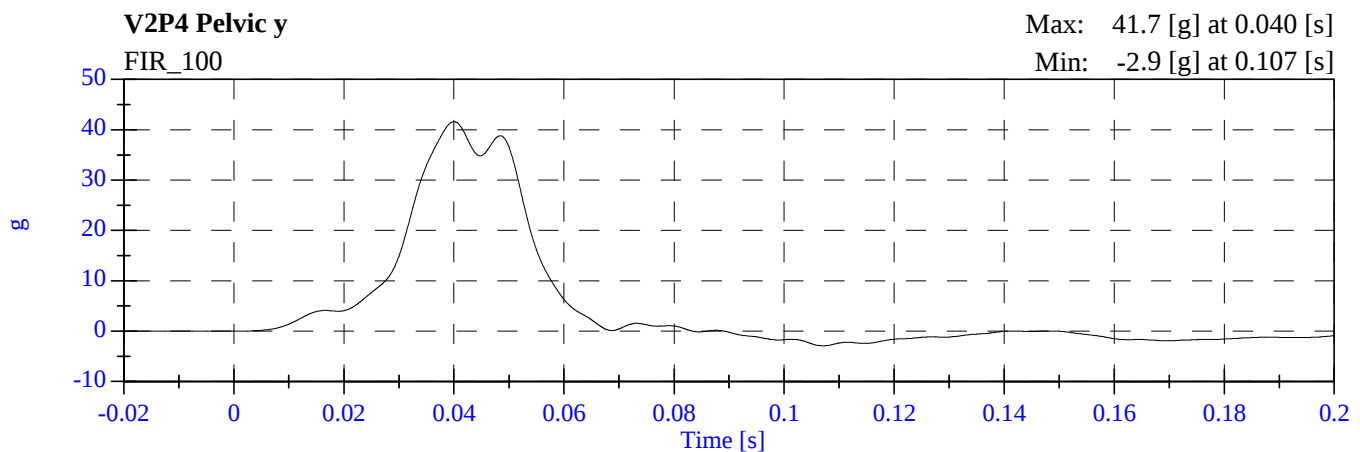
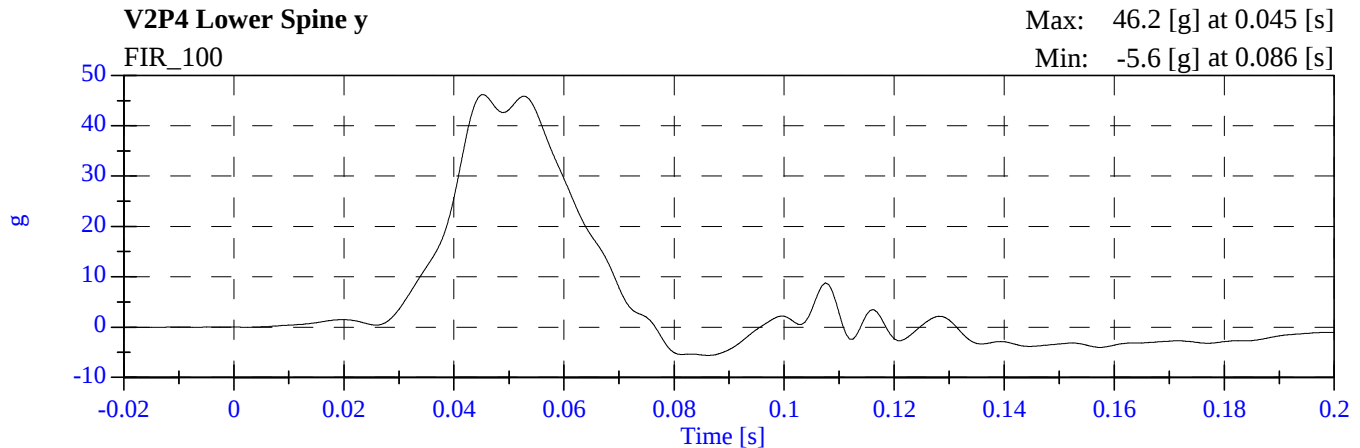
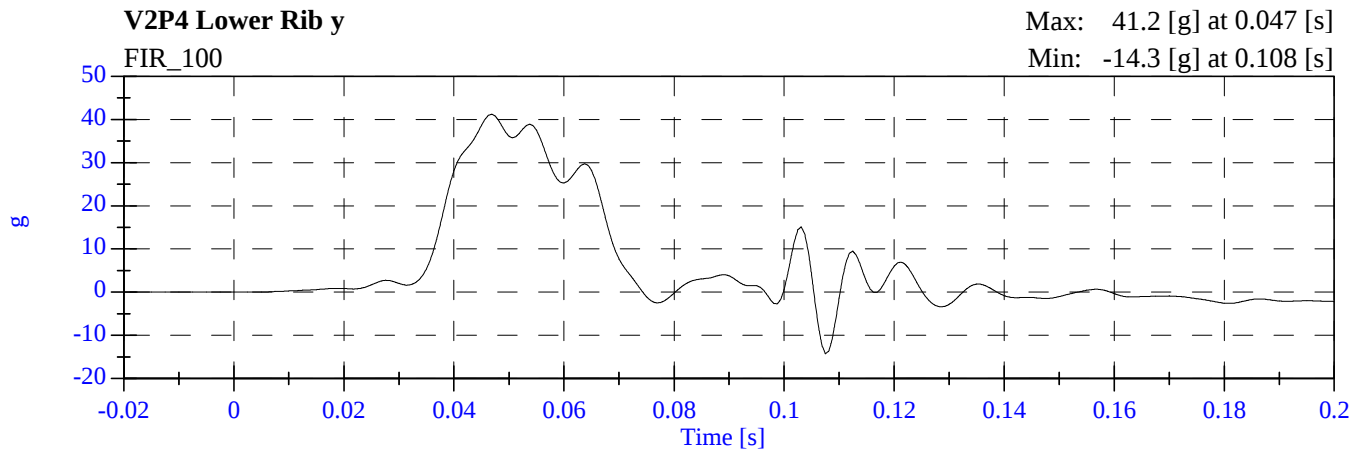
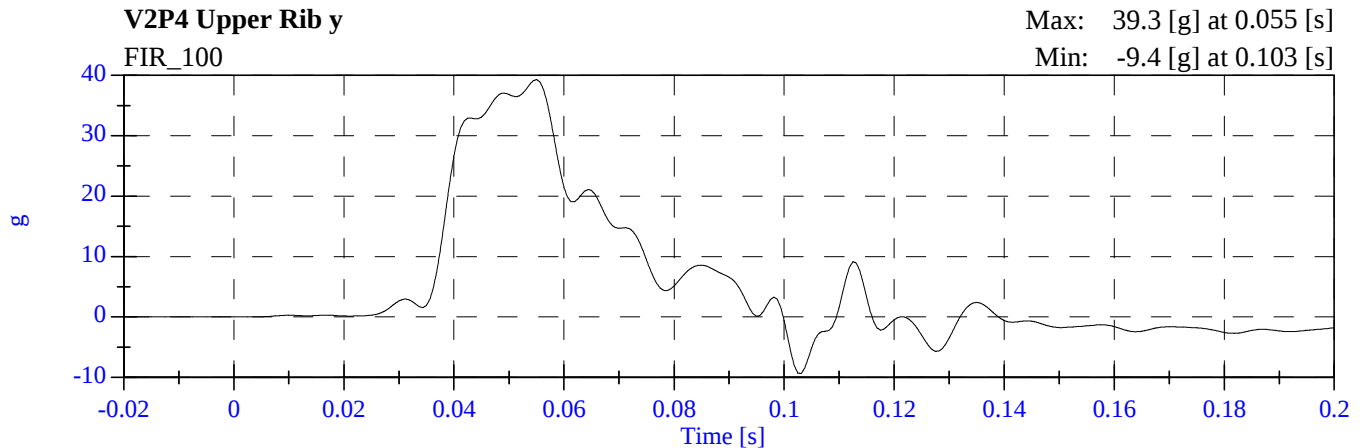


2007 FMVSS 214D Indicant Test - 2007 Jeep Compass C70302 - August 17, 2006



2007 FMVSS 214D Indicant Test - 2007 Jeep Compass

C70302 - August 17, 2006



APPENDIX C

DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

SUMMARY
SID H3 PRE & POST TEST CALIBRATION

CONFIGURED FOR LEFT SIDE IMPACT

Date: July 27, 2006; July 27, 2006

Sequential Test Number:

1.1; 1.5

Laboratory Technician:

B. Swiecicki

TEST PARAMETER	SPECIFICATION	SID H3 NO.: 905		SID H3 NO.: 906	
		PRE TEST	POST TEST	PRE TEST	POST TEST
SH- Seated Height (mm)	889 - 909	905	904	907	907
RH- Rib Height (mm)	501 - 521	516	516	516	516
HP- Hip Pivot Height (mm)	99 ref.	99	99	99	99
RD- Rib from Back Line (mm)	229 - 241	241	241	241	241
KV- Knee Pivot from Back Line (mm)	511 - 526	521	521	518	518
SW- Knee Pivot to Floor (mm)	490 - 505	493	493	493	493
HW- Hip Width (mm)	356 - 391	372	368	381	381
THORAX IMPACTS					
TEMPERATURE (• C)	18.9 - 25.5	21.1	21.1	21.1	21.1
RELATIVE HUMIDITY (%)	10 - 70	50.0	50.0	50.0	50.0
PROBE SPEED (m/s)	4.27 - 4.33	4.33	4.30	4.31	4.30
UPPER RIB (g's)	37 - 46	43.78	39.50	42.07	40.53
LOWER RIB (g's)	37 - 46	43.50	38.60	40.80	42.27
LOWER SPINE (g's)	15 - 22	21.95	19.99	21.01	20.55
PELVIS IMPACT					
TEMPERATURE (• C)	18.9 - 25.5	21.1	21.1	21.1	21.1
RELATIVE HUMIDITY (%)	10 - 70	50.0	50.0	50.0	50.0
PROBE SPEED (m/s)	4.27 - 4.33	4.32	4.30	4.29	4.30
PELVIS (g's)	40 - 60	44.51	43.19	51.96	47.93

REMARKS: None

CALIBRATION TEST RESULTS

PRE-TEST

SID H3 NO.: 905

CONFIGURED FOR LEFT SIDE IMPACT

**CALIBRATION TEST RESULTS SUMMARY
PRE-TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.:	905	Sequential Test Number:	1
Date:	July 27, 2006	Laboratory Technician:	B. Swiecicki

TEST	COMMENTS
EXTERNAL DIMENSIONS	Passed all requirements.
THORACIC SHOCK ABSORBER TEST	Passed all requirements.
LATERAL THORAX IMPACT TEST	Passed all requirements.
LATERAL PELVIS IMPACT TEST	Passed all requirements.
HEAD DROP TEST*	Passed all requirements.
LATERAL NECK BEND TEST*	Passed all requirements.
ABDOMINAL COMPRESSION TEST*	Passed all requirements.
LUMBAR FLEXION TEST*	Passed all requirements.

* Test not required for SID certification.

REMARKS: None

**EXTERNAL DIMENSIONS
PRE-TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 905 Sequential Test Number: 1
Date: July 27, 2006 Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS
SH- Seated Height (mm)	889 – 909	905
RH- Rib Height (mm)	502 – 520	516
HP- Hip Pivot Height (mm)	99 ref.	99
RD- Rib from Back Line (mm)	229 – 241	241
KH- Knee Pivot from Back Line (mm)	511 – 526	521
KV- Knee Pivot to Floor (mm)	490 – 505	493
HW- Hip Width (mm)	356 - 391	372

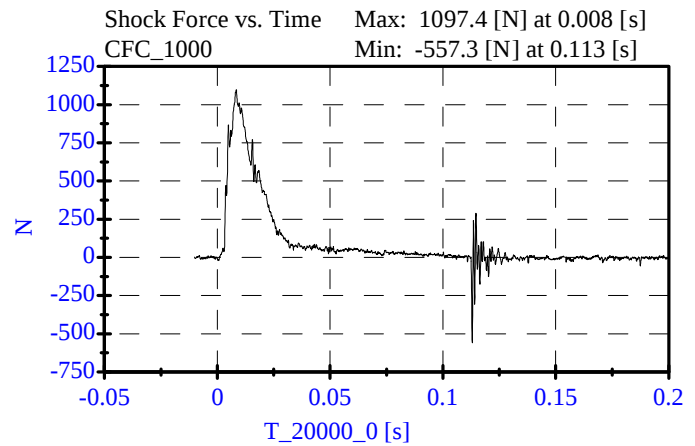
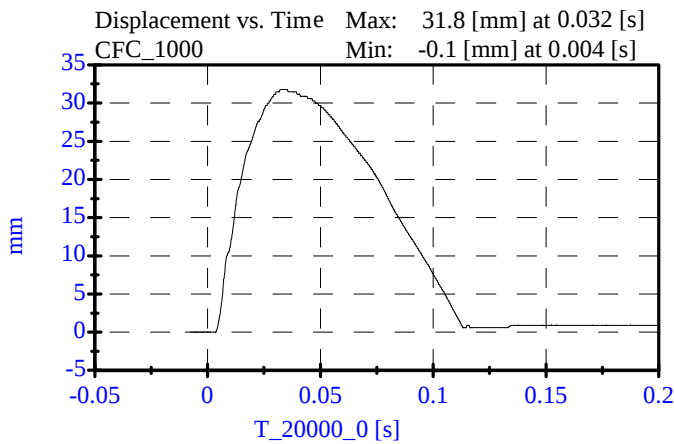
REMARKS: None

SID Shock Test S/N:905 (3.05 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 26, 2006

Sequential Test Number: 1 File: 905SL
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Displacement:	30.00-35.00 mm	31.80 mm	Passed
Maximum Force:	836.00-1125.00 N	1097.35 N	Passed
Impact Test Velocity:	3.05 m/s		
Damper Identification:	905		
Damper Setting:	5		

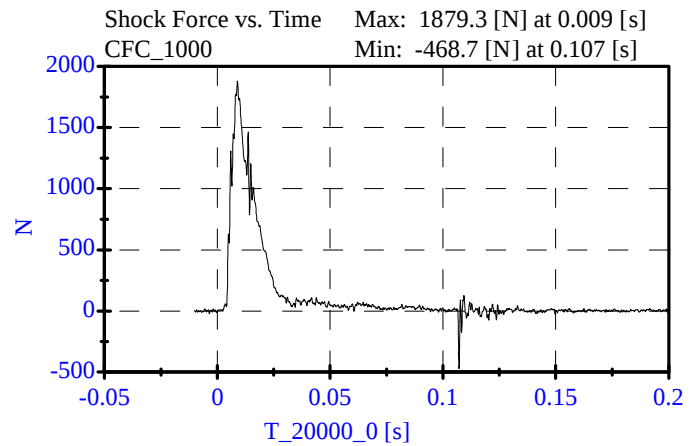
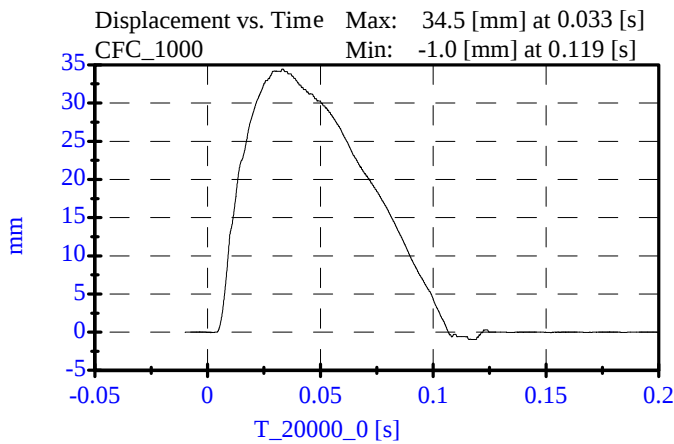


SID Shock Test S/N:905 (4.27 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 26, 2006

Sequential Test Number: 1 File: 905SM
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Displacement:	32.00-37.00 mm	34.46 mm	Passed
Maximum Force:	1730.00-2099.00 N	1879.32 N	Passed
Impact Test Velocity:	4.27 m/s		
Damper Identification:	905		
Damper Setting:	5		

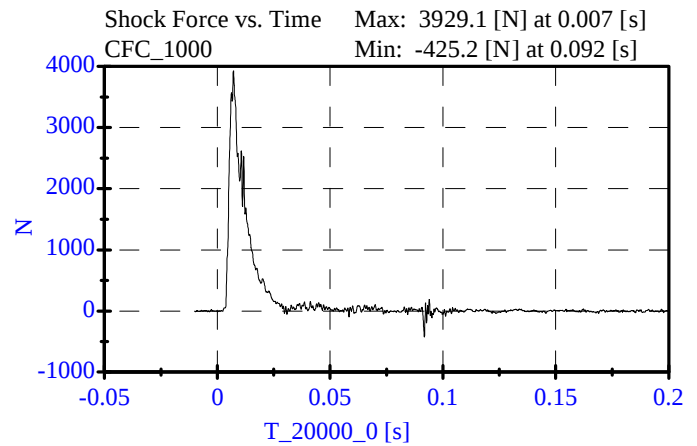
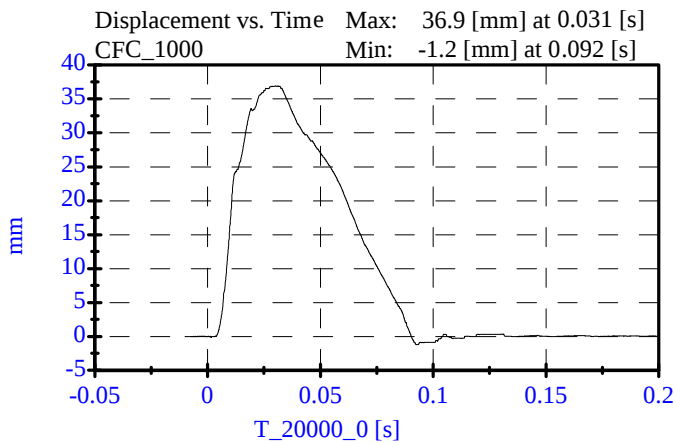


SID Shock Test S/N:905 (6.10 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 26, 2006

Sequential Test Number: 1 File: 905SH
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Displacement:	33.00-40.00 mm	36.86 mm	Passed
Maximum Force:	3741.00-4448.00 N	3929.08 N	Passed
Impact Test Velocity:	6.10 m/s		
Damper Identification:	905		
Damper Setting:	5		

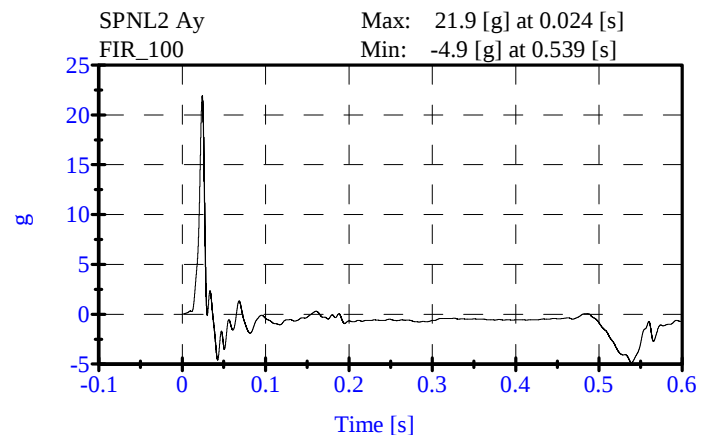
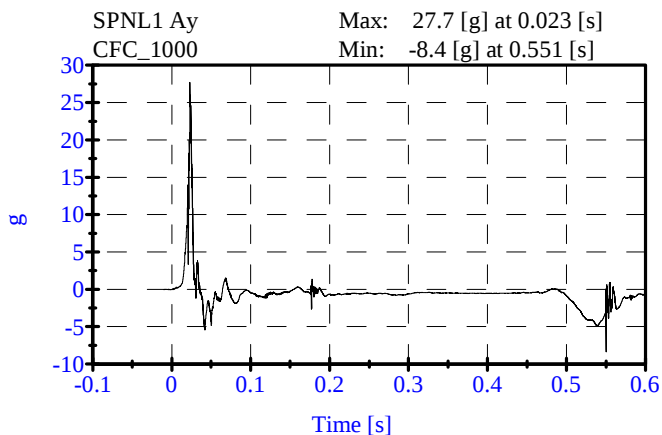
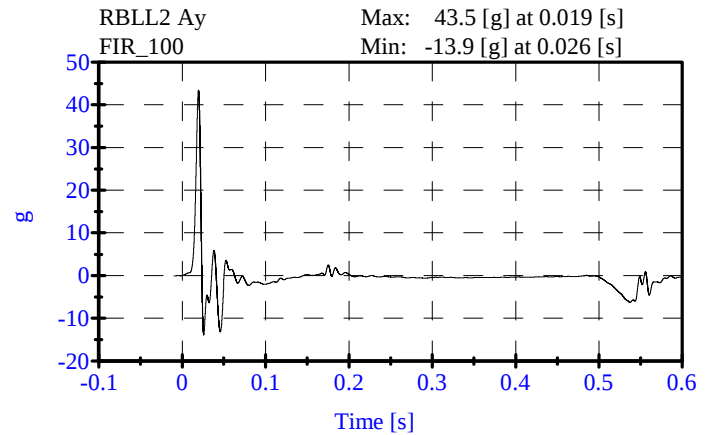
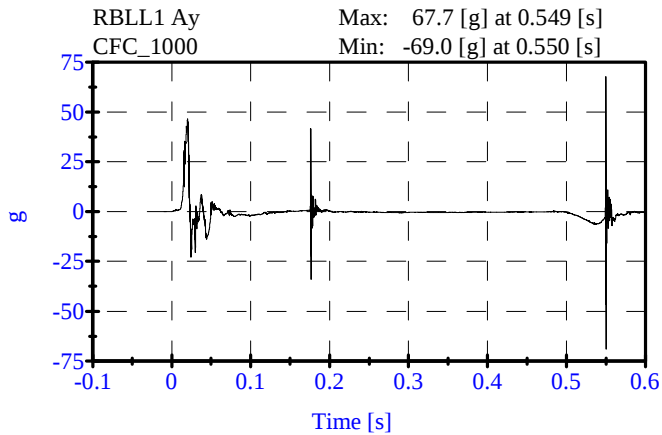
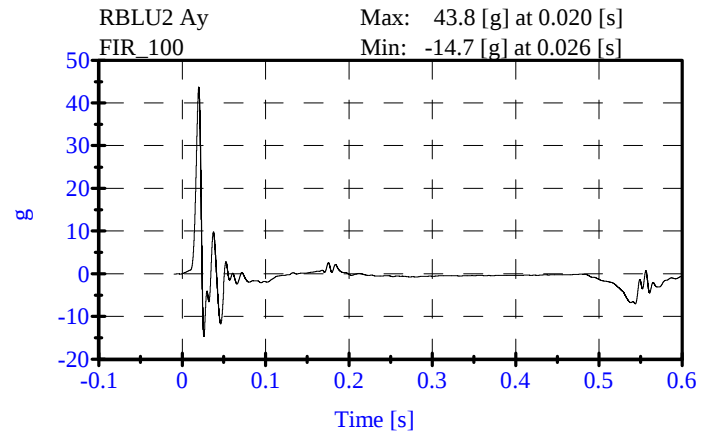
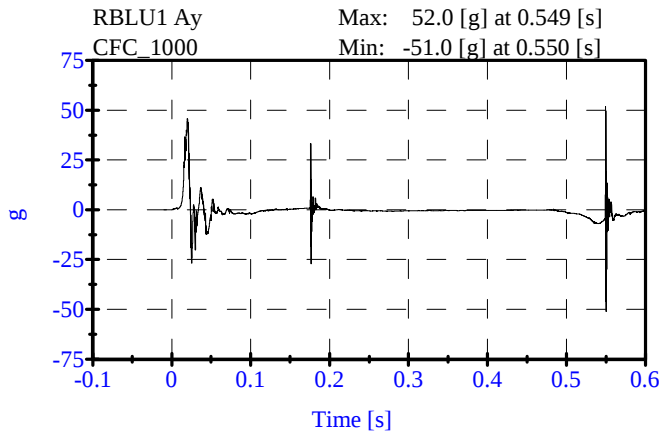


SID Thorax Test S/N:905
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 27, 2006

Sequential Test Number: 1 File: 905T
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.33 m/s	Passed
Upper Rib Acceleration:	37.00-46.00 g	43.78 g	Passed
Lower Rib Acceleration:	37.00-46.00 g	43.50 g	Passed
Lower Spine Acceleration:	15.00-22.00 g	21.95 g	Passed

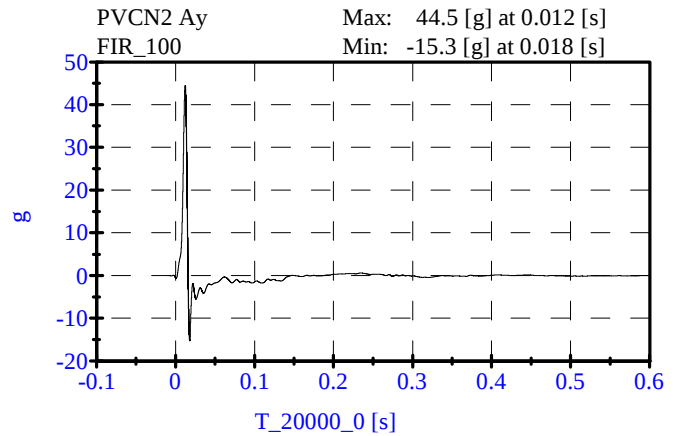
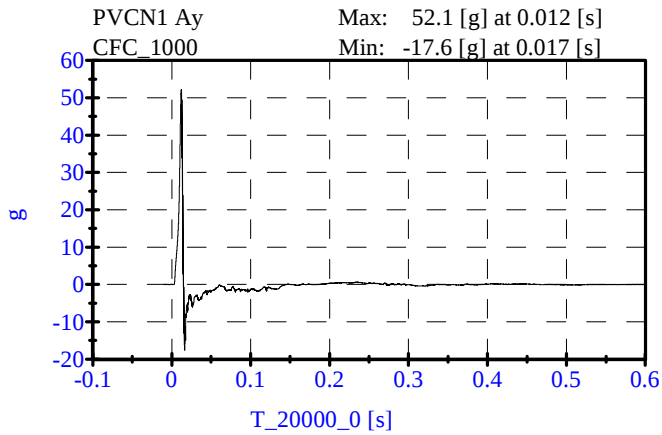


SID Pelvis Test S/N:905
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 27, 2006

Sequential Test Number: 1 File: 905T
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.32 m/s	Passed
Pelvis Y Acceleration:	40.00-60.00 g	44.51 g	Passed
Time Above 20 Gs	3.0-7.0 ms	5.4 ms	Passed

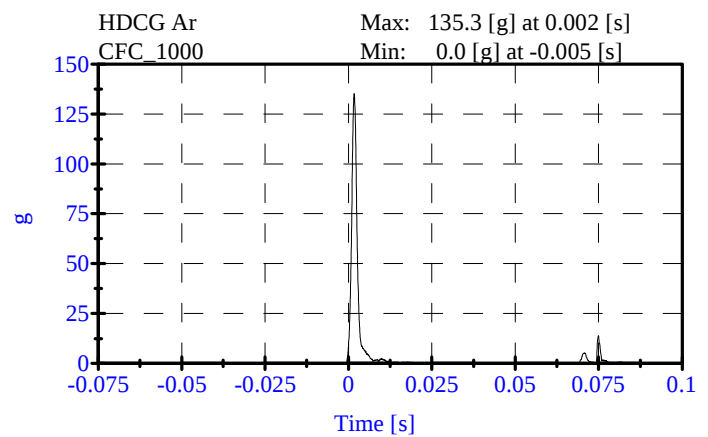
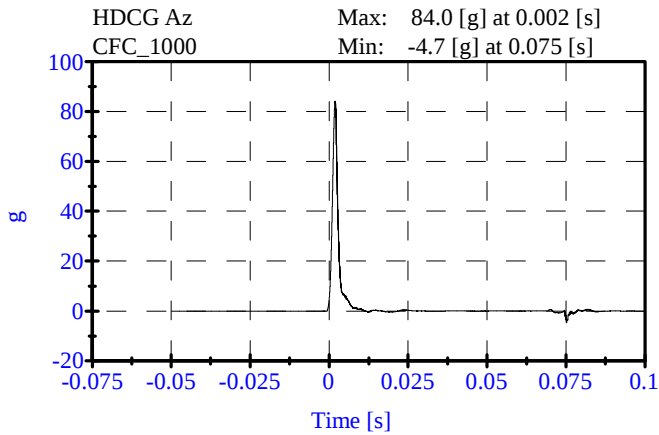
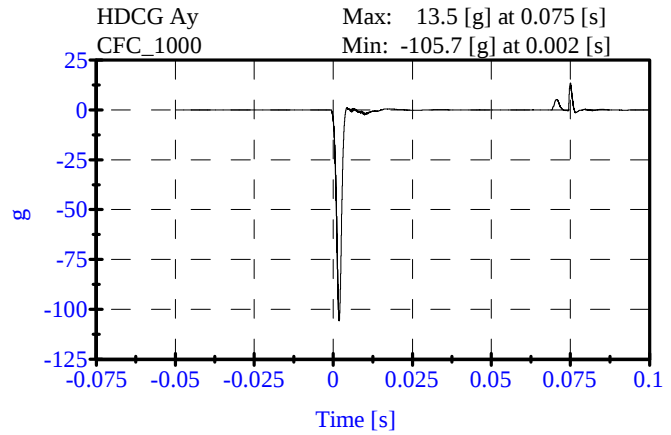
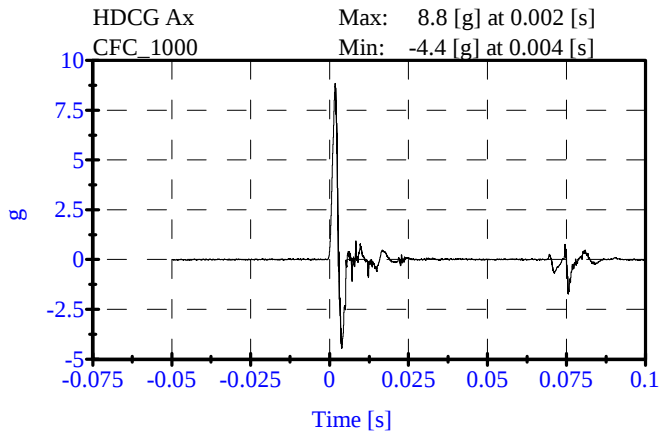


SID HYIII Head Drop Test S/N:905
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: July 26, 2006

Sequential Test Number: 1 File: 905H
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.6 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Peak Resultant Accel.:	120-150 Gs	135.31 Gs	Passed
Peak Lateral Accel.:	15 Gs Max	8.85 Gs	Passed
Curve PerCent NonModal:	< 15%	10.31 %	Passed



SID Head Neck Test S/N:905**PRE TEST****CONFIGURED FOR LEFT SIDE IMPACT**

ATD Serial No: 905

Sequential Test Number: 1 File: 905N

Date: July 27, 2006

Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	20.6-22.2 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Impact Velocity:	6.89- 7.13 m/s	7.00 m/s	Passed
PENDULUM DELTA V			
Delta V at 10 ms:	1.96- 2.55 m/s	2.36 m/s	Passed
Delta V at 20 ms:	4.12- 5.10 m/s	4.89 m/s	Passed
Delta V at 30 ms:	5.73- 7.01 m/s	6.94 m/s	Passed
Delta V between 40-70 ms:	6.27- 7.64 m/s	7.34 m/s	Passed
D PLANE ROTATION			
Maximum Rotation:	66.0-82.0 Deg	67.61 Deg	Passed
Rotation Angle Decay:	58.0-67.0 ms	61.95 ms	Passed
MOMENT ABOUT THE OCCIPITAL CONDYLE			
Max Occipital Moment:	73.00- 88.00 N-m	86.97 N-m	Passed
Occipital Moment Decay:	49.0-64.0 ms	56.20 ms	Passed
HEAD ROTATION TIME WITH RESPECT TO THE OCCIPITAL CONDYLE MOMENT			
Moment to Rotation Peak:	2.0-16.0 ms	9.15 ms	Passed

SID Head Neck Test S/N:905
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

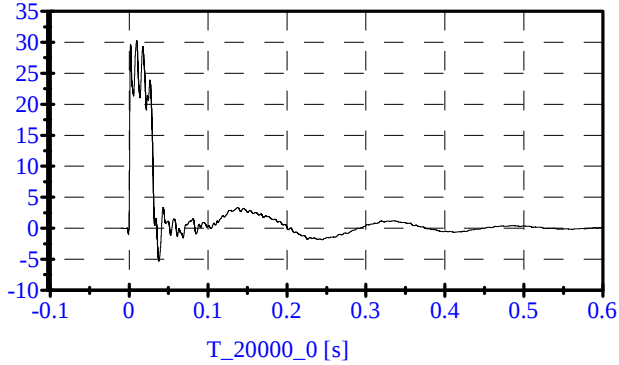
ATD Serial No: 905

Date: July 27, 2006

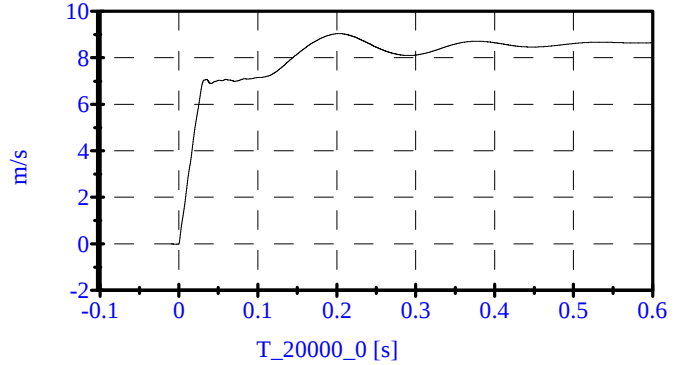
Sequential Test Number: 1 File: 905N

Laboratory Technician: B. Swiecicki

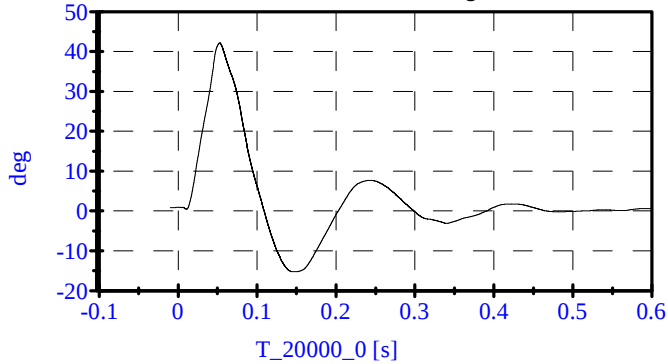
Pend Ax
CFC_180
Max: 30.3 [] at 0.010 [s]
Min: -5.3 [] at 0.038 [s]



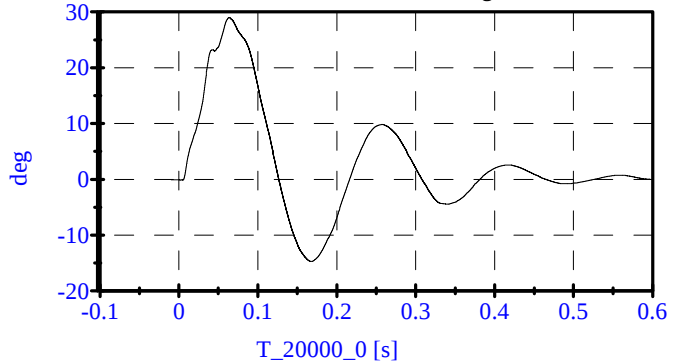
Pend Vx
CFC_180
Max: 9.0 [m/s] at 0.200 [s]
Min: -0.0 [m/s] at -0.000 [s]



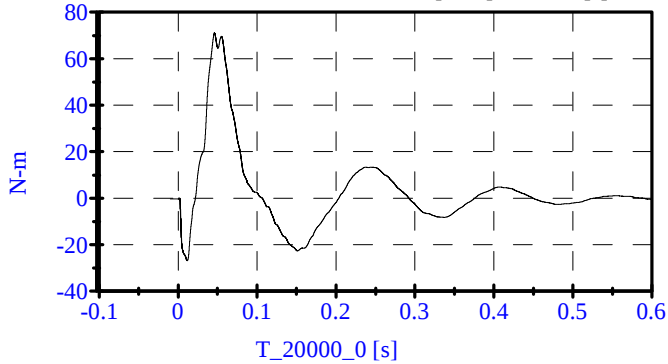
Head Rot
CFC_180
Max: 42.3 [deg] at 0.053 [s]
Min: -15.2 [deg] at 0.148 [s]



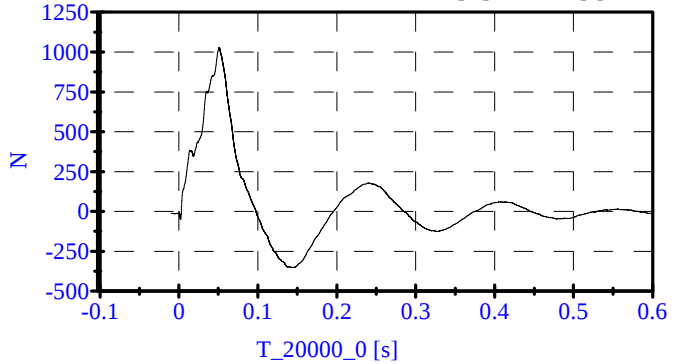
Arm Rot
CFC_180
Max: 29.0 [deg] at 0.064 [s]
Min: -14.7 [deg] at 0.168 [s]



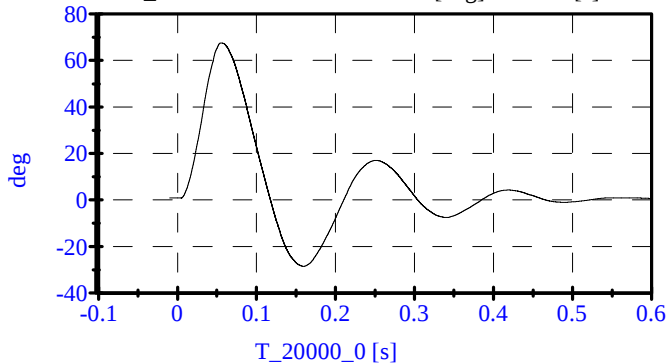
Neck Mx
CFC_600
Max: 71.2 [N-m] at 0.046 [s]
Min: -26.9 [N-m] at 0.012 [s]



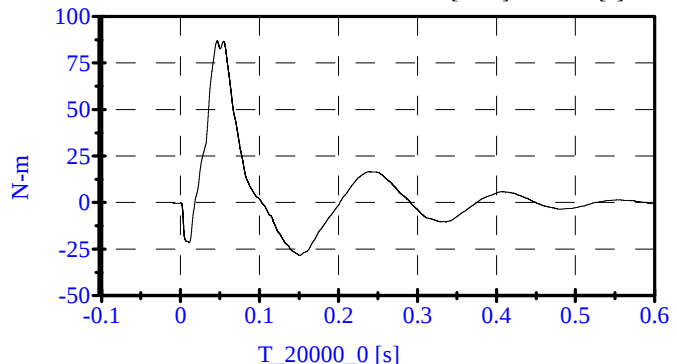
Neck Fy
CFC_1000
Max: 1031.3 [N] at 0.051 [s]
Min: -350.8 [N] at 0.146 [s]



Tot Rot
CFC_180
Max: 67.6 [deg] at 0.056 [s]
Min: -28.5 [deg] at 0.160 [s]



MOCX
Max: 87.0 [N-m] at 0.047 [s]
Min: -28.5 [N-m] at 0.151 [s]



Sid Abdominal Test

PRE TEST

CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905

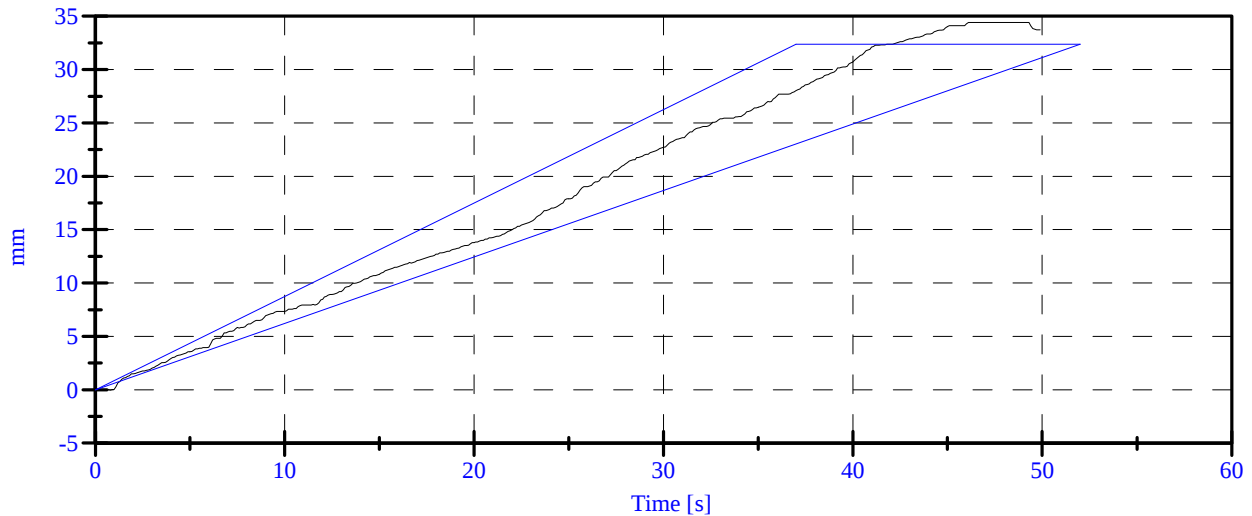
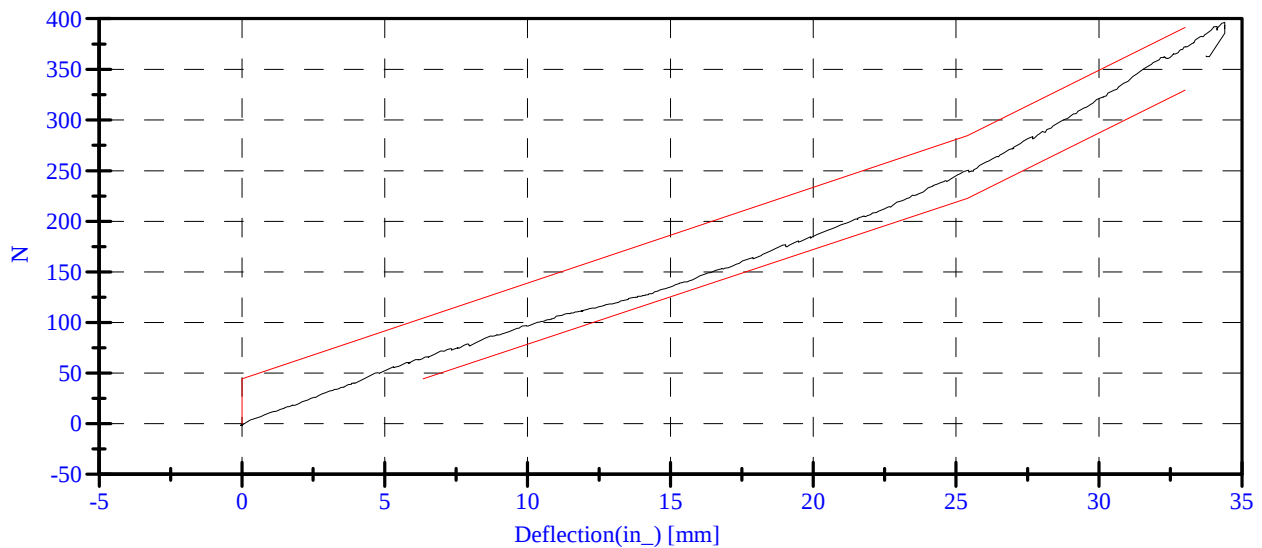
Date: 7-26-2006

Sequential Test Number: 1 File: SID 905 Abdominal test 1

Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 12.95 mm :	104.00-162.00 N	118.60 N	Passed
Force at 19.05 mm :	162.98-220.99 N	176.96 N	Passed
Force at 25.40 mm :	221.97-280.02 N	250.19 N	Passed
Force at 33.02 mm :	324.99-391.00 N	372.34 N	Passed

ABDOMINAL COMPRESSION TEST



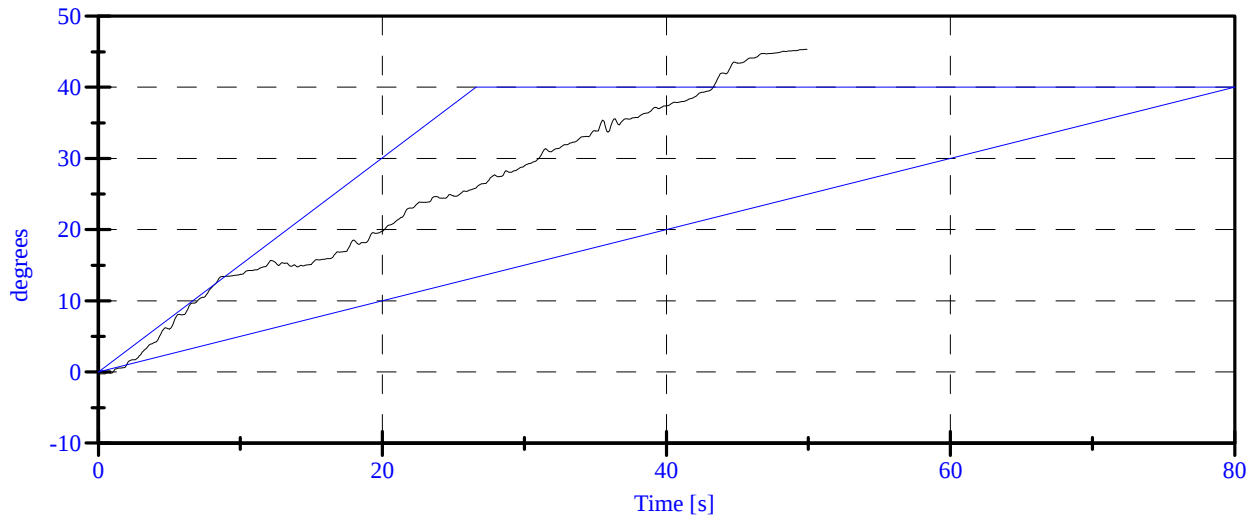
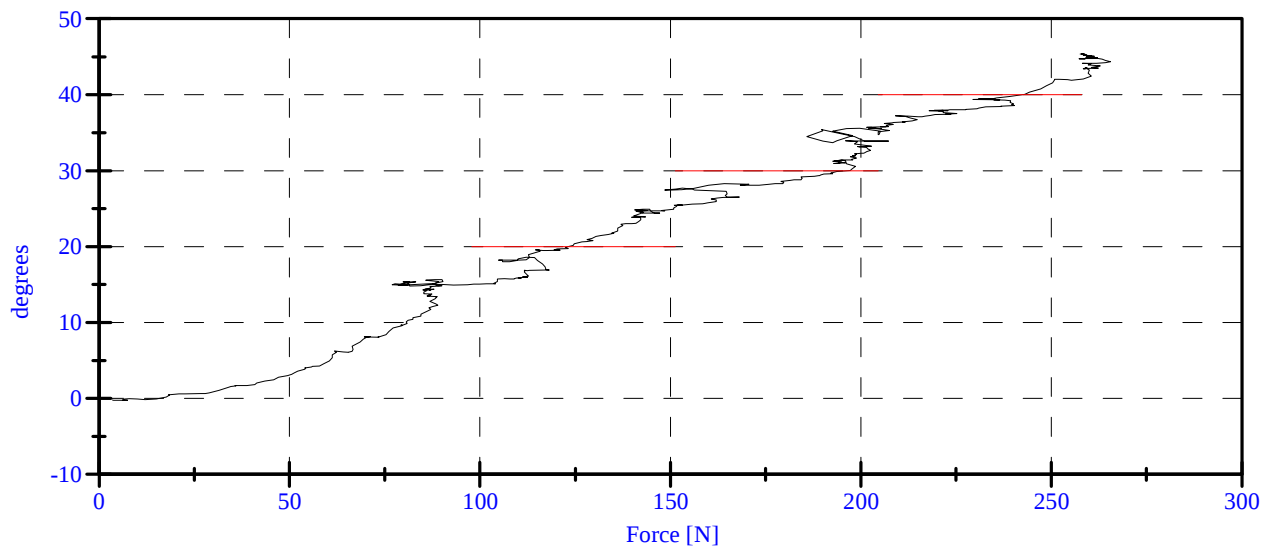
SID Lumbar Test
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: 7-25-2006

Sequential Test Number: 1 File: Lumbar Spine test 3 sn 905
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 0 Deg:	0.00-26.69 N	7.97 N	Passed
Force at 20 Deg:	97.86-151.24 N	122.36 N	Passed
Force at 30 Deg:	151.24-204.62 N	197.31 N	Passed
Force at 40 Deg:	204.62-258.00 N	243.01 N	Passed
Return Angle	12 Deg Max	5.33 deg	Passed

LUMBAR SPINE FLEXION TEST



PRE-TEST DUMMY INSPECTION LIST
CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 905 Sequential Test Number: 1
 Date: July 27, 2006 Laboratory Technician: B. Swiecicki

PART	ITEMS CHECKED	COMMENTS
SKIN	VISUAL INSPECTION	OK
HEAD	VISUAL, BALLAST, ACCELEROMETER MOUNT	OK
NECK	VISUAL, CABLE TORQUE	OK
SPINE BOX	VISUAL, BALLAST, WELDMENT, ACCELEROMETER MOUNT	OK
RIB CAGE	VISUAL, MEASURE, STIFFENERS	OK
STERNUM	VISUAL	OK
LUMBAR SPINE	VISUAL	OK
ABDOMEN	VISUAL	OK
PELVIS	VISUAL, PALPATE, ACCELEROMETER MOUNT	OK
UPPER LEGS	VISUAL	OK
KNEES	VISUAL, STOPS, INSERTS	OK
LOWER LEGS	VISUAL, RANGE OF MOTION	OK
ANKLES	VISUAL, RANGE OF MOTION	OK
FEET	VISUAL, RANGE OF MOTION	OK
JOINTS	1 TO 2 g RANGE	OK
OTHER	NONE	-

REMARKS: None

CALIBRATION TEST RESULTS

PRE-TEST

SID H3 NO.: 906

CONFIGURED FOR LEFT SIDE IMPACT

**CALIBRATION TEST RESULTS SUMMARY
PRE-TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 906	Sequential Test Number: 1
Date: July 27, 2006	Laboratory Technician: B. Swiecicki

TEST	COMMENTS
EXTERNAL DIMENSIONS	Passed all requirements.
THORACIC SHOCK ABSORBER TEST	Passed all requirements.
LATERAL THORAX IMPACT TEST	Passed all requirements.
LATERAL PELVIS IMPACT TEST	Passed all requirements.
HEAD DROP TEST*	Passed all requirements.
LATERAL NECK BEND TEST*	Passed all requirements.
ABDOMINAL COMPRESSION TEST*	Passed all requirements.
LUMBAR FLEXION TEST*	Passed all requirements.

* Test not required for SID certification.

REMARKS: None

**EXTERNAL DIMENSIONS
PRE-TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 906	Sequential Test Number: 1
Date: July 27, 2006	Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS
SH- Seated Height (mm)	889 - 909	907
RH- Rib Height (mm)	502 - 520	516
HP- Hip Pivot Height (mm)	99 ref.	99
RD- Rib from Back Line (mm)	229 - 241	241
KH- Knee Pivot from Back Line (mm)	511 - 526	518
KV- Knee Pivot to Floor (mm)	490 - 505	493
HW- Hip Width (mm)	356 - 391	381

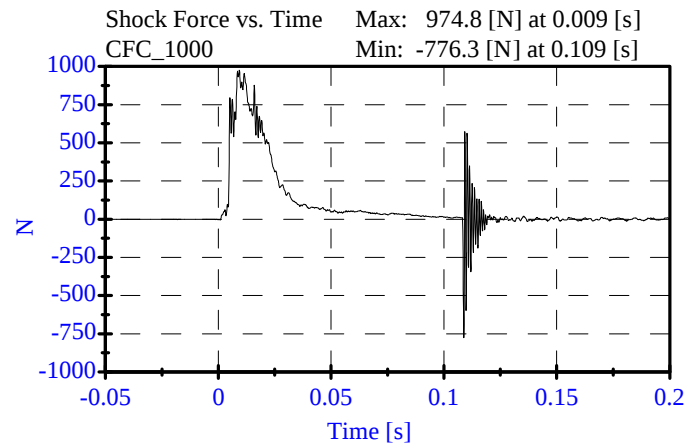
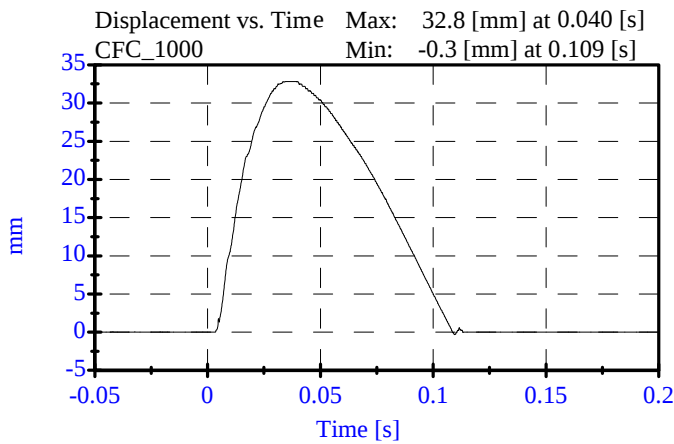
REMARKS: None

Shock Impact (3.05 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: January 2, 2006

Sequential Test Number: 1 File: 906SL 01-02-06
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	35.00 %	Passed
Displacement:	30.00-35.00 mm	32.81 mm	Passed
Maximum Force:	836.00-1125.00 N	974.84 N	Passed
Impact Test Velocity:	3.05 m/s		
Damper Identification:	906		
Damper Setting:	5		

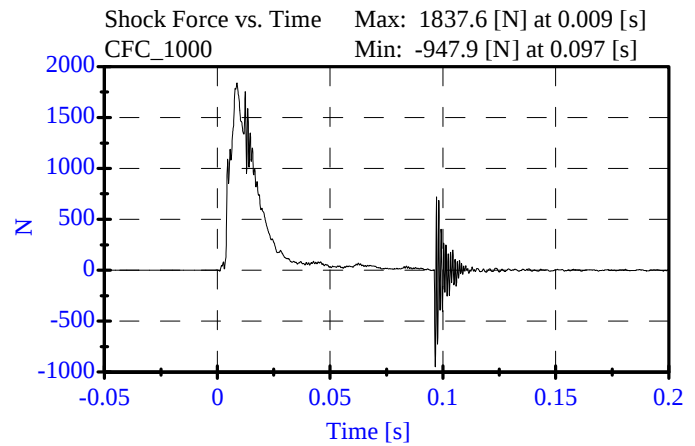
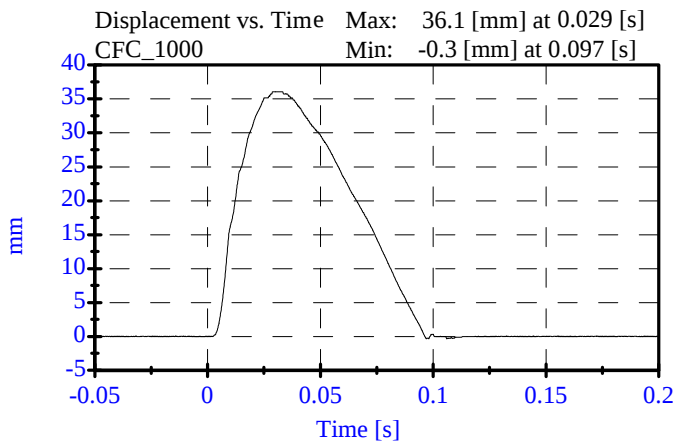


Shock Impact (4.27 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: January 2, 2006

Sequential Test Number: 1 File: 906M 01-02-06
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	35.00 %	Passed
Displacement:	32.00-37.00 mm	36.07 mm	Passed
Maximum Force:	1730.00-2099.00 N	1837.62 N	Passed
Impact Test Velocity:	4.27 m/s		
Damper Identification:	906		
Damper Setting:	5		

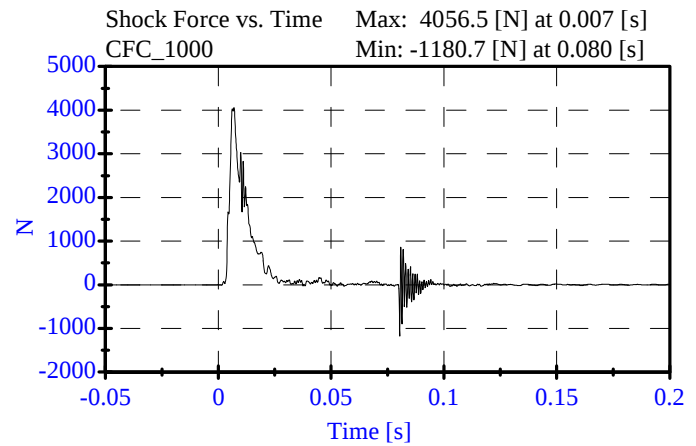
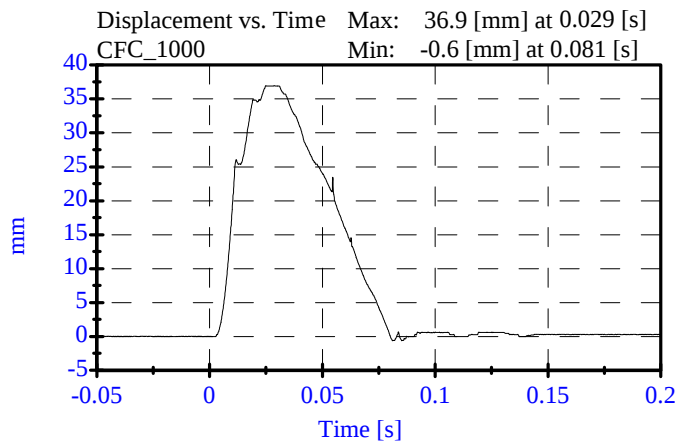


Shock Impact (6.10 m/s)
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: January 2, 2006

Sequential Test Number: 1 File: 906SH 01-02-06
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	35.00 %	Passed
Displacement:	33.00-40.00 mm	36.93 mm	Passed
Maximum Force:	3741.00-4448.00 N	4056.45 N	Passed
Impact Test Velocity:	6.10 m/s		
Damper Identification:	906		
Damper Setting:	5		

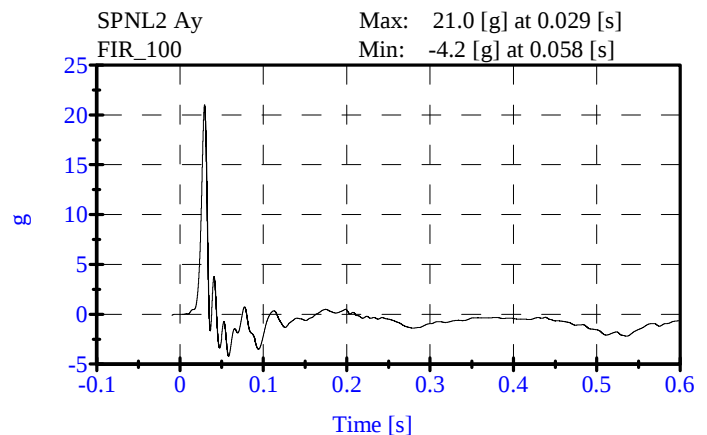
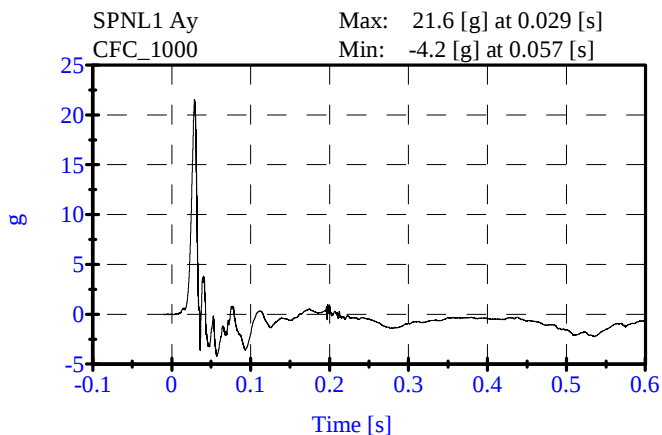
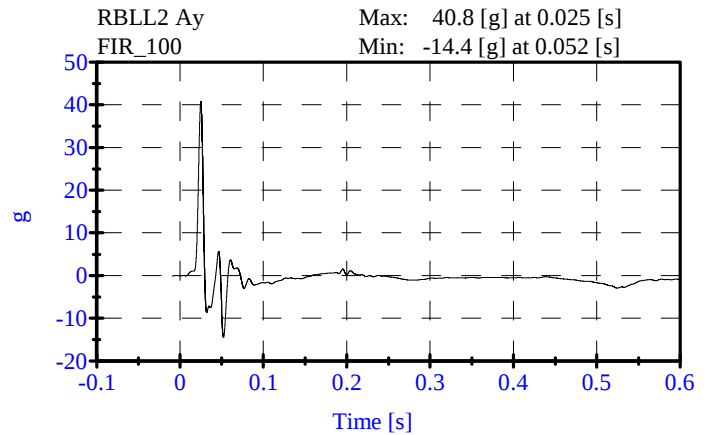
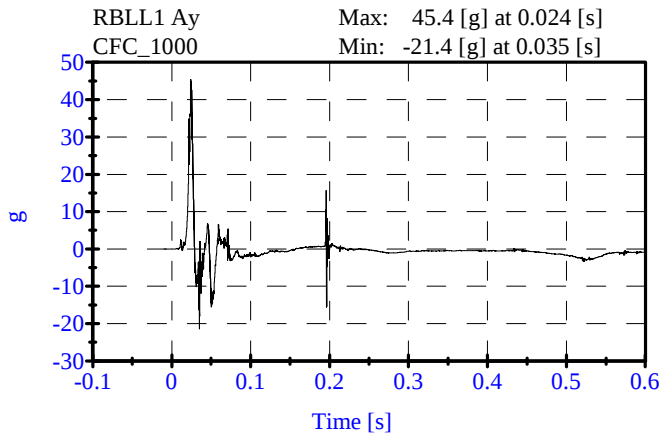
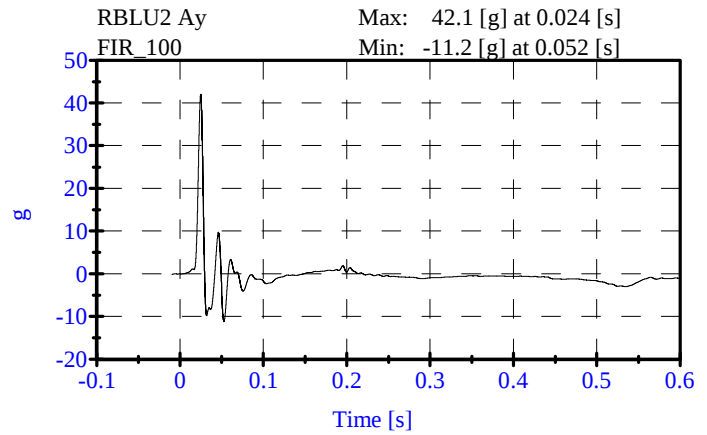
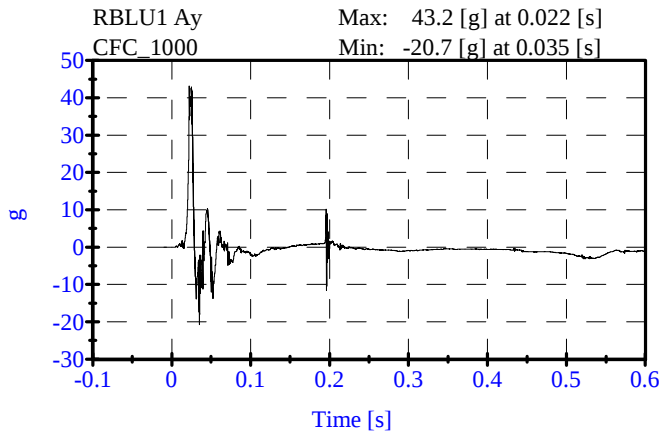


SID Thorax Test S/N:906
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: July 27, 2006

Sequential Test Number: 1 File: 906T
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.31 m/s	Passed
Upper Rib Acceleration:	37.00-46.00 g	42.07 g	Passed
Lower Rib Acceleration:	37.00-46.00 g	40.80 g	Passed
Lower Spine Acceleration:	15.00-22.00 g	21.01 g	Passed

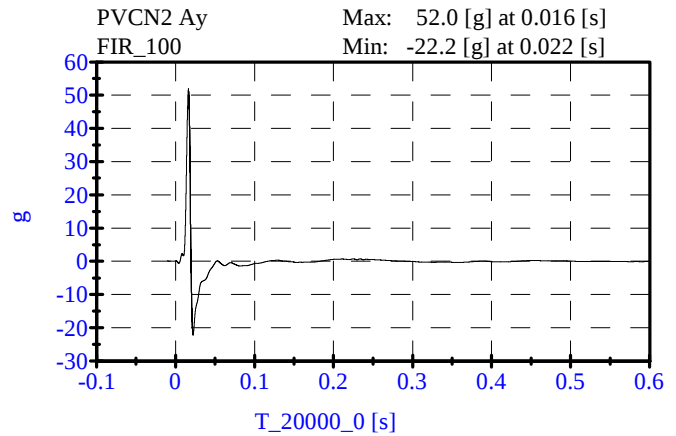
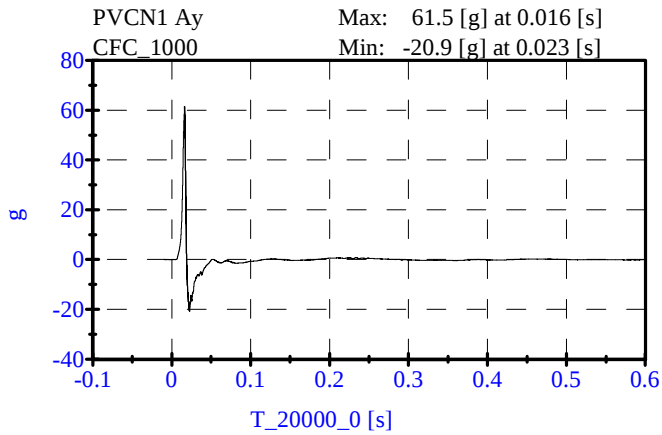


SID Pelvic Test S/N:906
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: July 27, 2006

Sequential Test Number: 1 File: 906P
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.29 m/s	Passed
Pelvis Y Acceleration:	40.00-60.00 g	51.96 g	Passed
Time Above 20 Gs	3.0-7.0 ms	5.6 ms	Passed

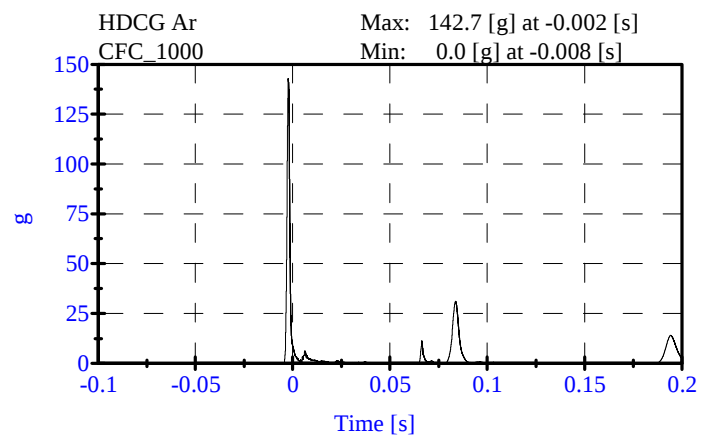
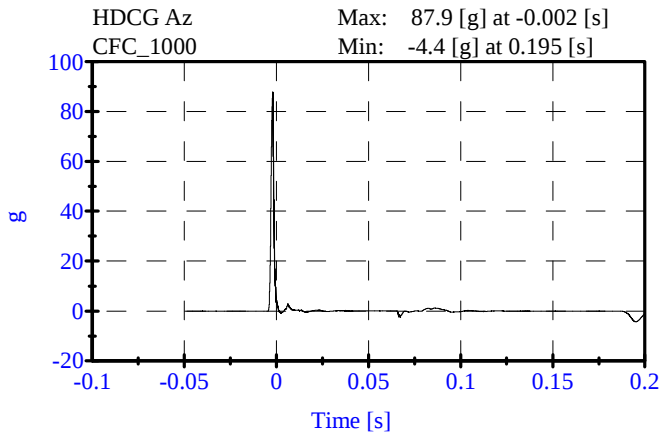
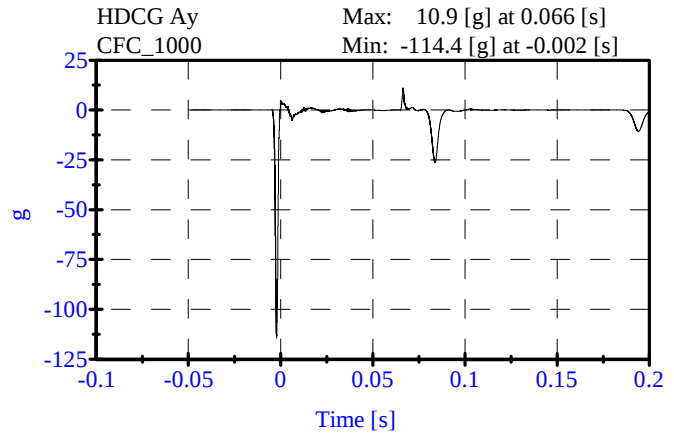
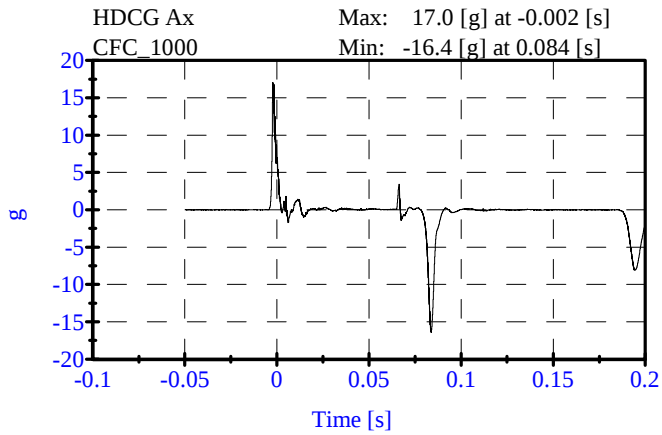


SID HYIII Head Drop Test S/N:906
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: July 27, 2006

Sequential Test Number: 1 File: 906H
Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	18.9-25.6 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Peak Resultant Accel.:	120-150 Gs	142.74 Gs	Passed
Peak Lateral Accel.:	15 Gs Max	17.00 Gs	Failed
Curve PerCent NonModal:	< 15%	21.77 %	Failed



SID Head Neck Test S/N:906**PRE TEST****CONFIGURED FOR LEFT SIDE IMPACT**

ATD Serial No: 906

Date: July 27, 2006

Sequential Test Number: 1 File: 906N

Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	20.6-22.2 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Impact Velocity:	6.89- 7.13 m/s	6.99 m/s	Passed
PENDULUM DELTA V			
Delta V at 10 ms:	1.96- 2.55 m/s	2.33 m/s	Passed
Delta V at 20 ms:	4.12- 5.10 m/s	4.76 m/s	Passed
Delta V at 30 ms:	5.73- 7.01 m/s	6.80 m/s	Passed
Delta V between 40-70 ms:	6.27- 7.64 m/s	7.61 m/s	Passed
D PLANE ROTATION			
Maximum Rotation:	66.0-82.0 Deg	69.70 Deg	Passed
Rotation Angle Decay:	58.0-67.0 ms	61.90 ms	Passed
MOMENT ABOUT THE OCCIPITAL CONDYLE			
Max Occipital Moment:	73.00- 88.00 N-m	87.39 N-m	Passed
Occipital Moment Decay:	49.0-64.0 ms	54.70 ms	Passed
HEAD ROTATION TIME WITH RESPECT TO THE OCCIPITAL CONDYLE MOMENT			
Moment to Rotation Peak:	2.0-16.0 ms	12.45 ms	Passed

SID Head Neck Test S/N:906
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

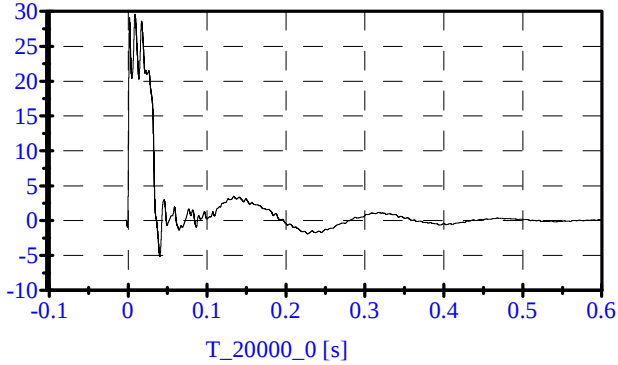
ATD Serial No: 906

Date: July 27, 2006

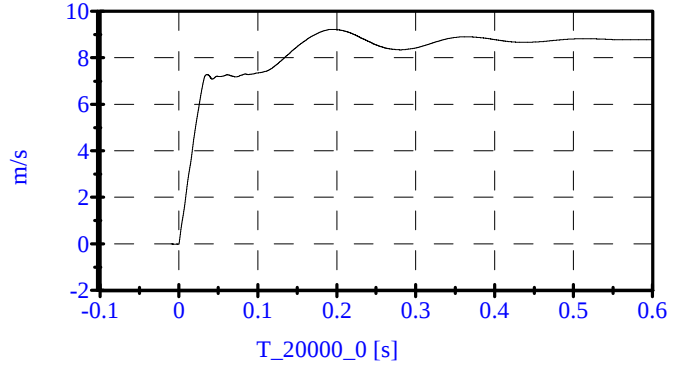
Sequential Test Number: 1 File: 906N

Laboratory Technician: B. Swiecicki

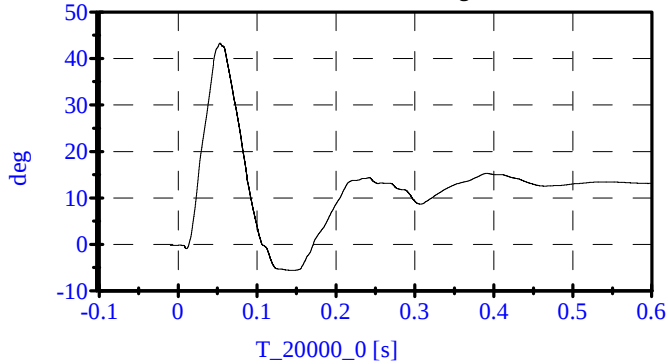
Pend Ax
CFC_180
Max: 29.6 [] at 0.009 [s]
Min: -5.2 [] at 0.040 [s]



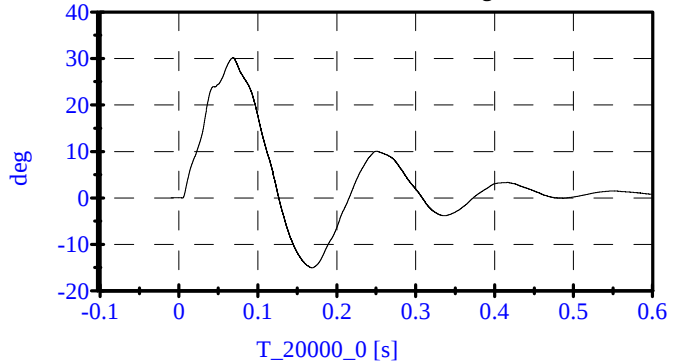
Pend Vx
CFC_180
Max: 9.2 [m/s] at 0.197 [s]
Min: -0.0 [m/s] at -0.000 [s]



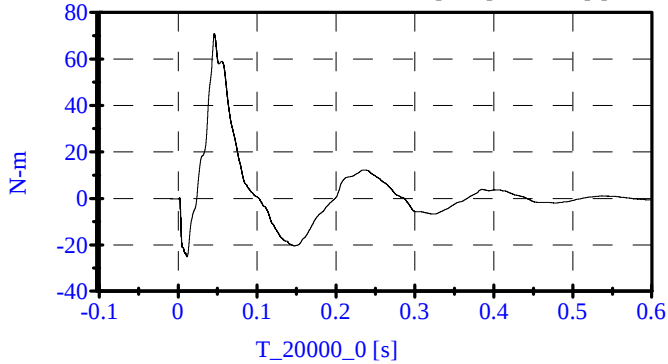
Head Rot
CFC_180
Max: 43.3 [deg] at 0.053 [s]
Min: -5.6 [deg] at 0.144 [s]



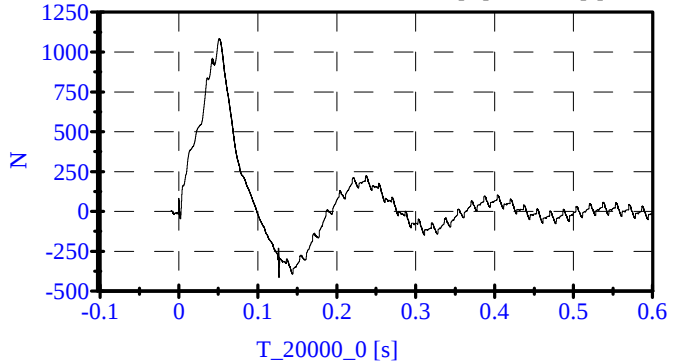
Arm Rot
CFC_180
Max: 30.1 [deg] at 0.069 [s]
Min: -15.1 [deg] at 0.169 [s]



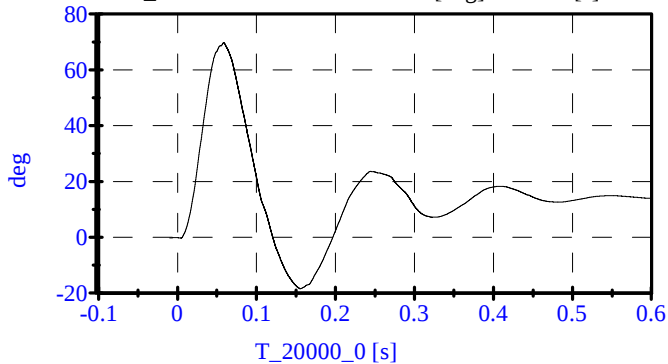
Neck Mx
CFC_600
Max: 70.9 [N-m] at 0.046 [s]
Min: -25.1 [N-m] at 0.012 [s]



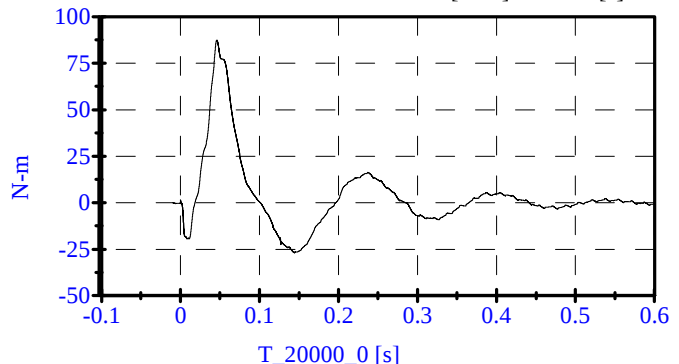
Neck Fy
CFC_1000
Max: 1084.9 [N] at 0.051 [s]
Min: -412.9 [N] at 0.127 [s]



Tot Rot
CFC_180
Max: 69.7 [deg] at 0.059 [s]
Min: -18.5 [deg] at 0.155 [s]



MOCX
Max: 87.4 [N-m] at 0.046 [s]
Min: -27.0 [N-m] at 0.144 [s]



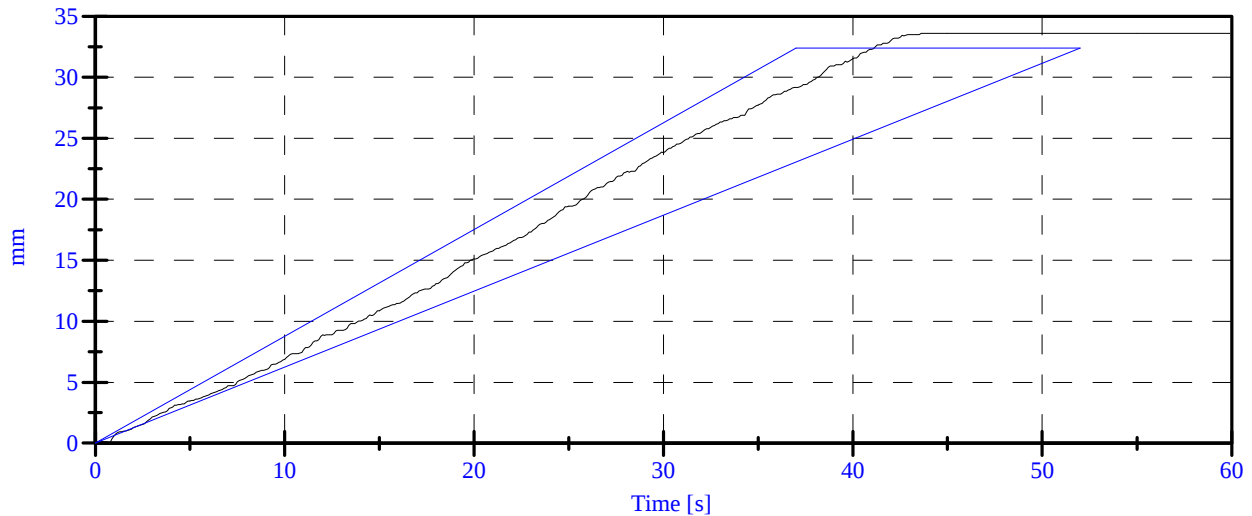
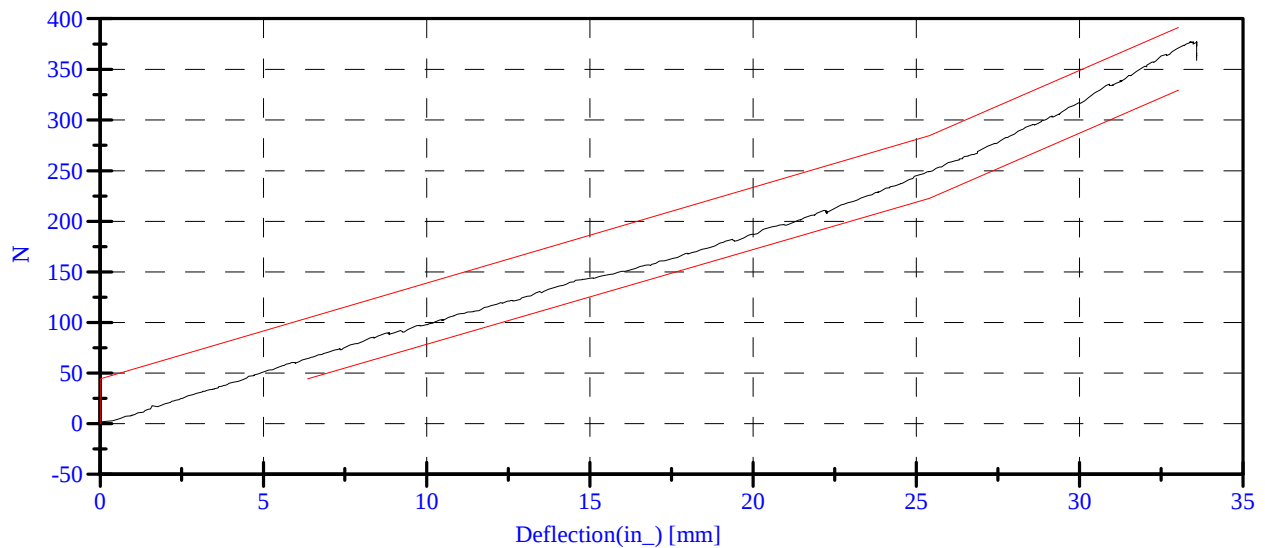
Sid Abdominal Test
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: 7-26-2006

Sequential Test Number: 1 File: SID 906 Abdominal test 1
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 12.95 mm :	104.00-162.00 N	124.40 N	Passed
Force at 19.05 mm :	162.98-220.99 N	179.50 N	Passed
Force at 25.40 mm :	221.97-280.02 N	249.10 N	Passed
Force at 33.02 mm :	324.99-391.00 N	370.53 N	Passed

ABDOMINAL COMPRESSION TEST



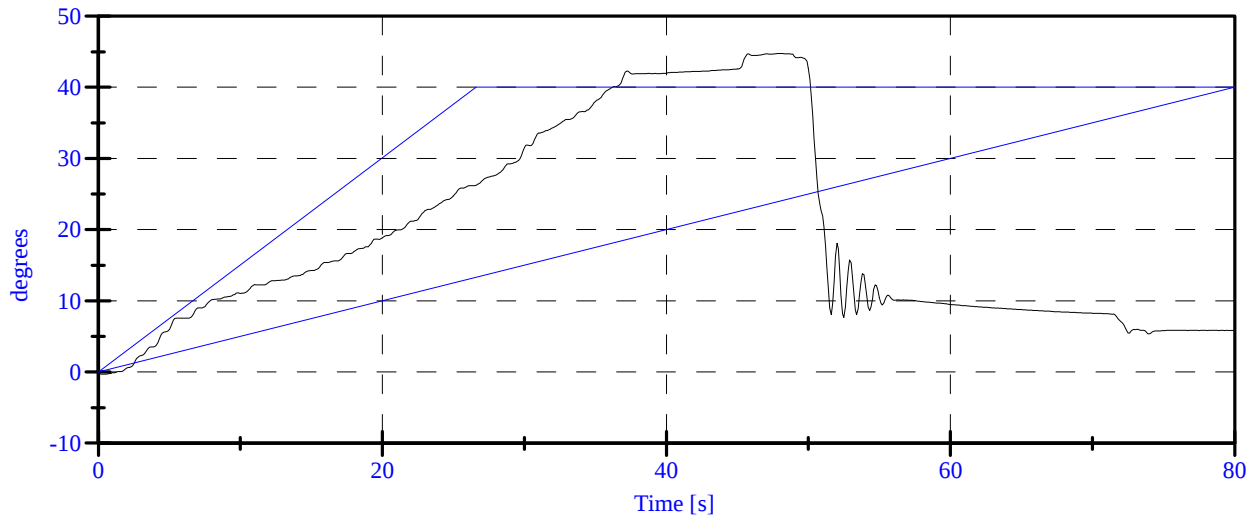
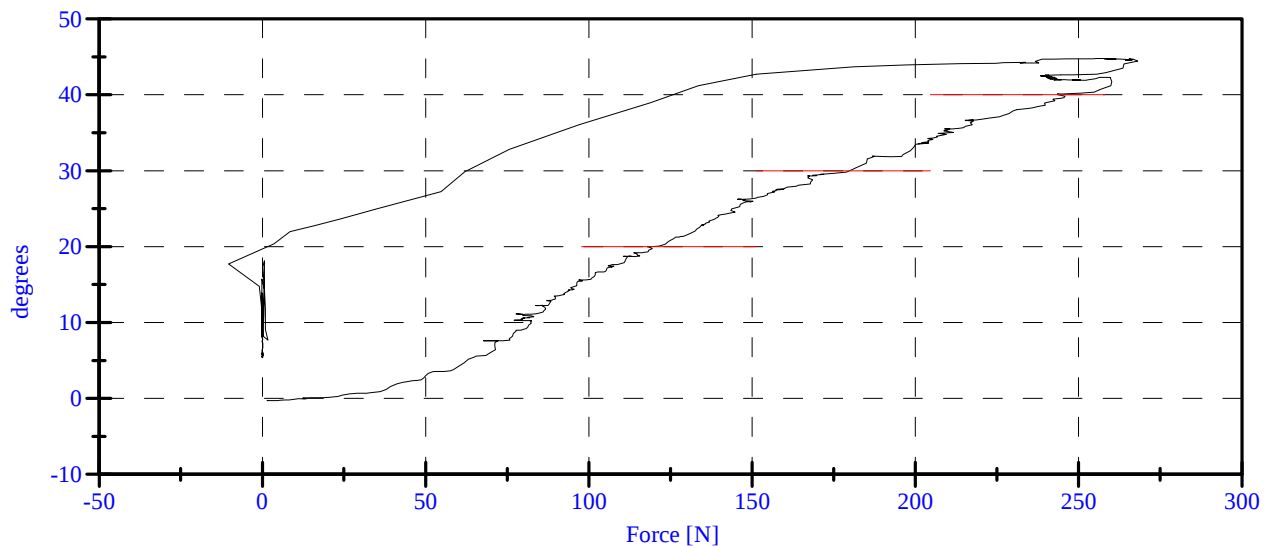
SID 906 Lumbar Spine Test
PRE TEST
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: July 24, 2006

Sequential Test Number: 1 File: Lumbar Spine test 1 sn 906
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 0 Deg:	0.00-26.69 N	12.41 N	Passed
Force at 20 Deg:	97.86-151.24 N	117.92 N	Passed
Force at 30 Deg:	151.24-204.62 N	179.81 N	Passed
Force at 40 Deg:	204.62-258.00 N	243.53 N	Passed
Return Angle	12 Deg Max	5.86 deg	Passed

LUMBAR SPINE FLEXION TEST



PRE-TEST DUMMY INSPECTION LIST
CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 906 Sequential Test Number: 1
 Date: July 27, 2006 Laboratory Technician: B. Swiecicki

PART	ITEMS CHECKED	COMMENTS
SKIN	VISUAL INSPECTION	OK
HEAD	VISUAL, BALLAST, ACCELEROMETER MOUNT	OK
NECK	VISUAL, CABLE TORQUE	OK
SPINE BOX	VISUAL, BALLAST, WELDMENT, ACCELEROMETER MOUNT	OK
RIB CAGE	VISUAL, MEASURE, STIFFENERS	OK
STERNUM	VISUAL	OK
LUMBAR SPINE	VISUAL	OK
ABDOMEN	VISUAL	OK
PELVIS	VISUAL, PALPATE, ACCELEROMETER MOUNT	OK
UPPER LEGS	VISUAL	OK
KNEES	VISUAL, STOPS, INSERTS	OK
LOWER LEGS	VISUAL, RANGE OF MOTION	OK
ANKLES	VISUAL, RANGE OF MOTION	OK
FEET	VISUAL, RANGE OF MOTION	OK
JOINTS	1 TO 2 g RANGE	OK
OTHER	NONE	-

REMARKS: None

CALIBRATION TEST RESULTS

POST TEST

SID H3 NO.: 905

CONFIGURED FOR LEFT SIDE IMPACT

**CALIBRATION TEST RESULTS SUMMARY
POST TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 905 Sequential Test Number: 1
Date: September 13, 2006 Laboratory Technician: B. Swiecicki

TEST	COMMENTS
EXTERNAL DIMENSIONS	Passed all requirements.
LATERAL THORAX IMPACT TEST	Passed all requirements.
LATERAL PELVIS IMPACT TEST	Passed all requirements.
HEAD DROP TEST*	Passed all requirements.
LATERAL NECK BEND TEST*	Passed all requirements.
ABDOMINAL COMPRESSION TEST*	Passed all requirements.
LUMBAR FLEXION TEST*	Passed all requirements.

* Test not required for SID certification.

REMARKS: None

**EXTERNAL DIMENSIONS
POST TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 905 Sequential Test Number: 1
Date: September 13, 2006 Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS
SH- Seated Height (mm)	889 - 909	904
RH- Rib Height (mm)	502 - 520	516
HP- Hip Pivot Height (mm)	99 ref.	99
RD- Rib from Back Line (mm)	229 - 241	241
KH- Knee Pivot from Back Line (mm)	511 - 526	521
KV- Knee Pivot to Floor (mm)	490 - 505	493
HW- Hip Width (mm)	356 - 391	368

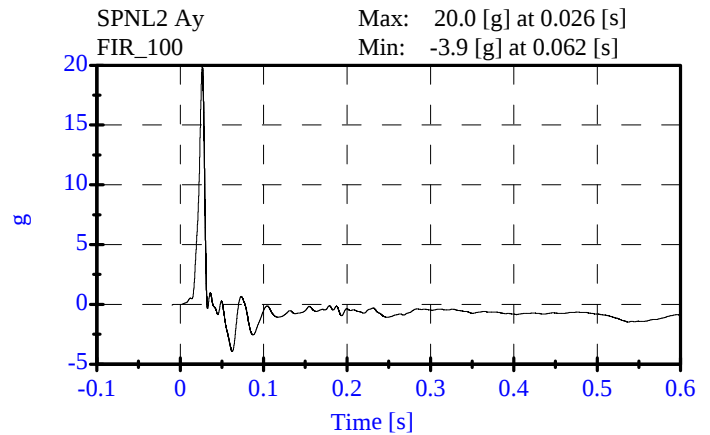
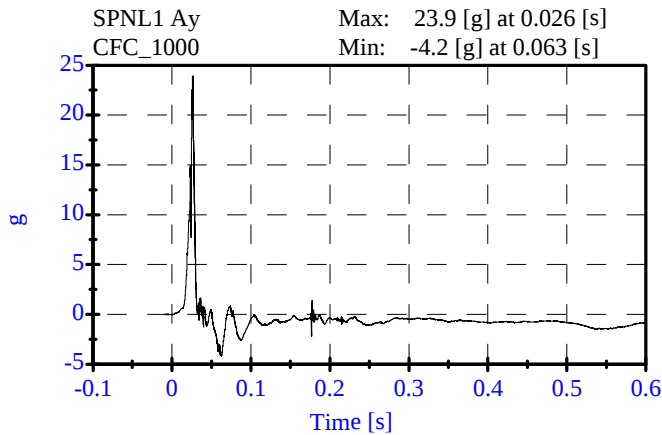
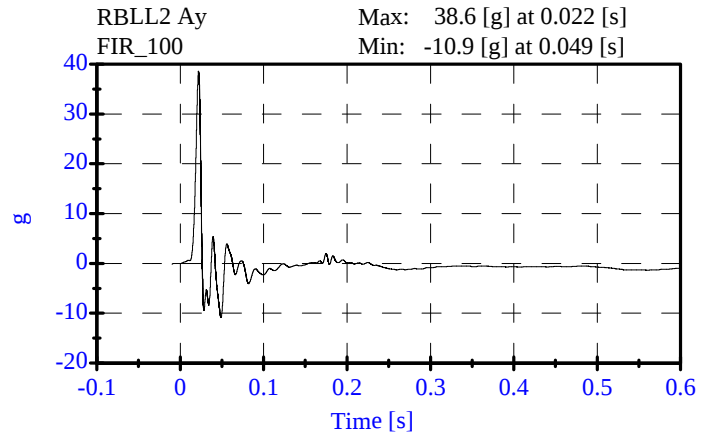
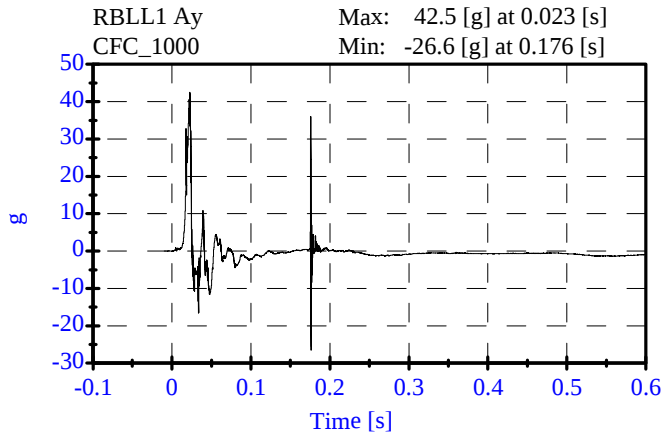
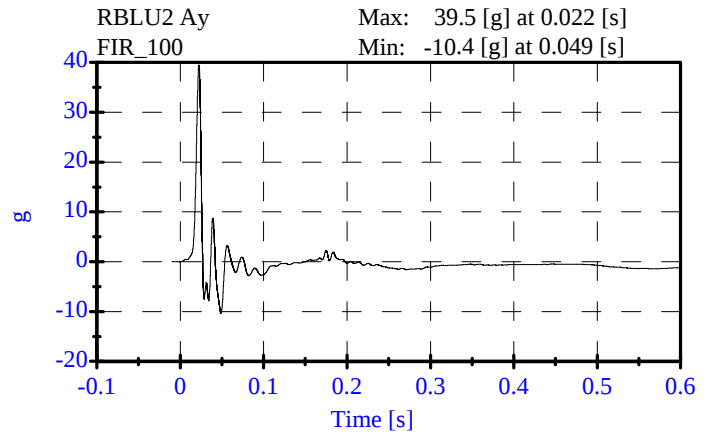
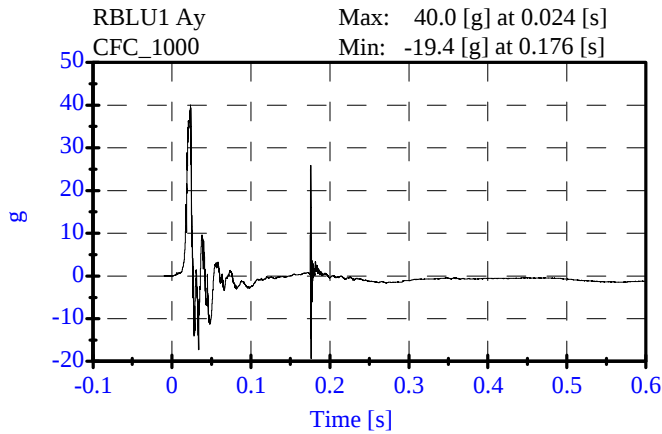
REMARKS: None

SID Thorax Test S/N:905
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: September 13, 2006

Sequential Test Number: 1 File: test1
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.30 m/s	Passed
Upper Rib Acceleration:	37.00-46.00 g	39.50 g	Passed
Lower Rib Acceleration:	37.00-46.00 g	38.60 g	Passed
Lower Spine Acceleration:	15.00-22.00 g	19.99 g	Passed



SID Pelvis Test S/N:905

Post-Test

CONFIGURED FOR LEFT SIDE IMPACT

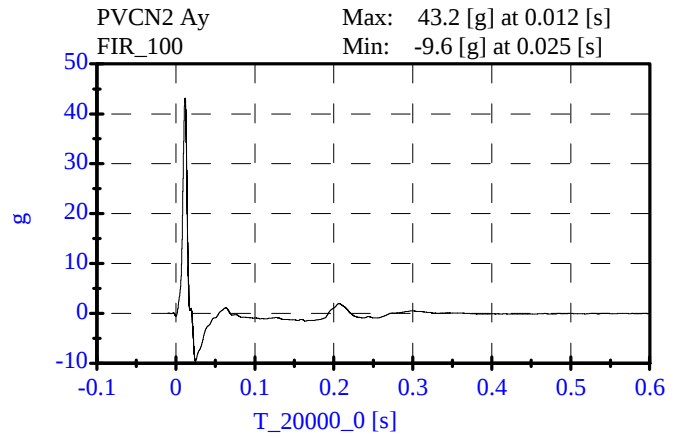
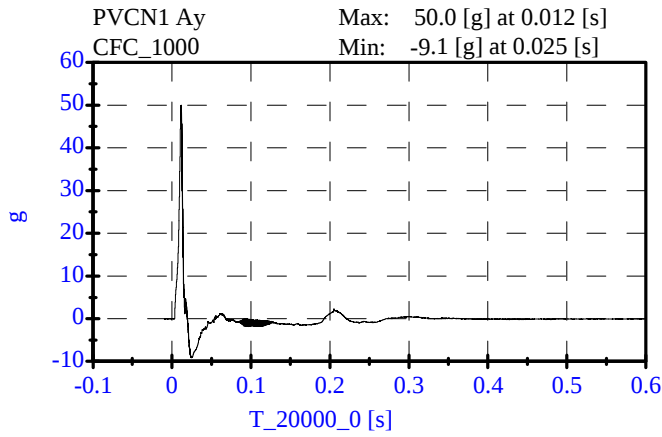
ATD Serial No: 905

Date: September 13, 2006

Sequential Test Number: 1 File: 905T

Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.30 m/s	Passed
Pelvis Y Acceleration:	40.00-60.00 g	43.19 g	Passed
Time Above 20 Gs	3.0-7.0 ms	6.0 ms	Passed

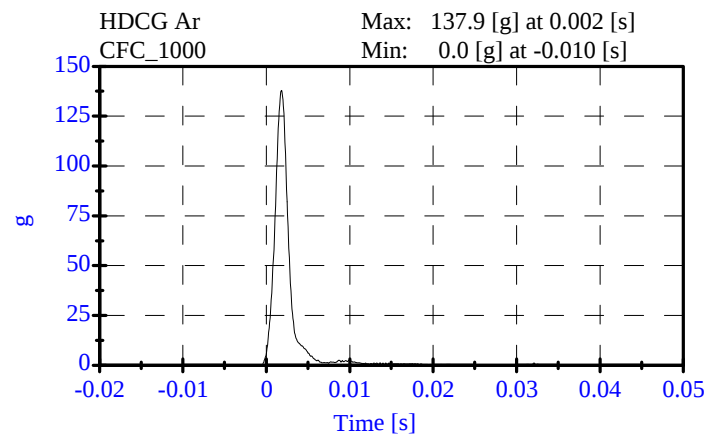
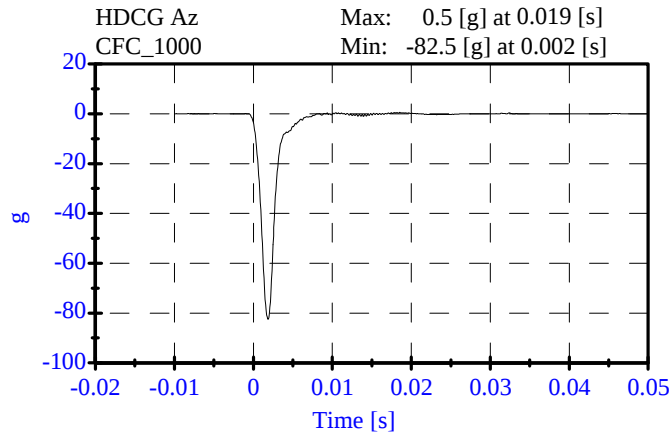
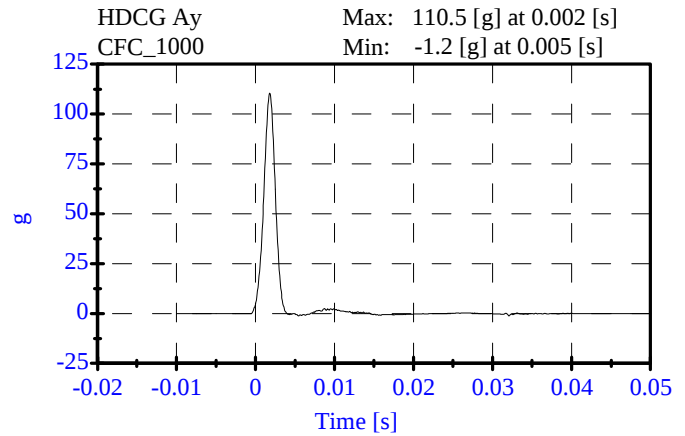
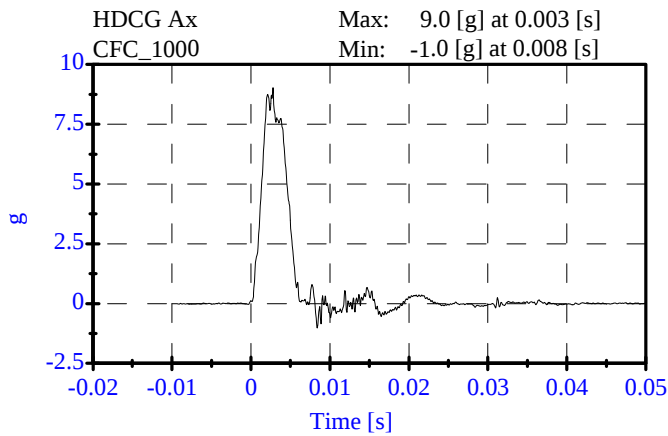


SID HYIII Head Drop Test S/N:905
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: September 11, 2006

Sequential Test Number: 1 File: 906H
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.6 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Peak Resultant Accel.:	120-150 Gs	137.89 Gs	Passed
Peak Lateral Accel.:	15 Gs Max	9.02 Gs	Passed
Curve PerCent NonModal:	< 15%	3.38 %	Passed



SID Head Neck Test S/N:905**Post-Test****CONFIGURED FOR LEFT SIDE IMPACT**

ATD Serial No: 905

Date: September 11, 2006

Sequential Test Number: 1 File: 905N

Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	20.6-22.2 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Impact Velocity:	6.89- 7.13 m/s	6.92 m/s	Passed
PENDULUM DELTA V			
Delta V at 10 ms:	1.96- 2.55 m/s	2.16 m/s	Passed
Delta V at 20 ms:	4.12- 5.10 m/s	4.52 m/s	Passed
Delta V at 30 ms:	5.73- 7.01 m/s	6.55 m/s	Passed
Delta V between 40-70 ms:	6.27- 7.64 m/s	7.13 m/s	Passed
D PLANE ROTATION			
Maximum Rotation:	66.0-82.0 Deg	71.71 Deg	Passed
Rotation Angle Decay:	58.0-67.0 ms	58.30 ms	Passed
MOMENT ABOUT THE OCCIPITAL CONDYLE			
Max Occipital Moment:	73.00- 88.00 N-m	87.16 N-m	Passed
Occipital Moment Decay:	49.0-64.0 ms	58.75 ms	Passed
HEAD ROTATION TIME WITH RESPECT TO THE OCCIPITAL CONDYLE MOMENT			
Moment to Rotation Peak:	2.0-16.0 ms	11.50 ms	Passed

SID Head Neck Test S/N:905
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

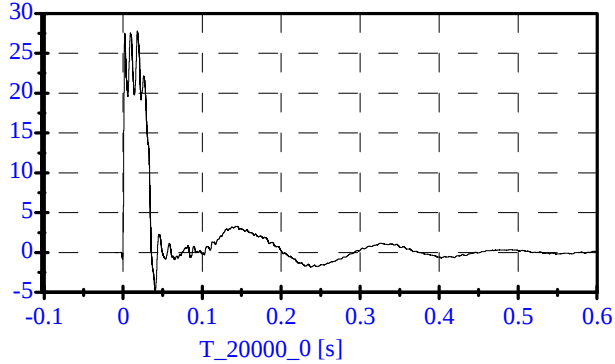
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Date: September 11, 2006

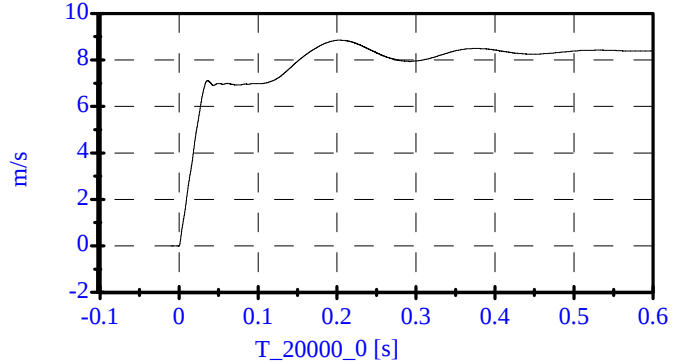
Sequential Test Number: 1 File: 905N

Laboratory Technician: B. Swiecicki

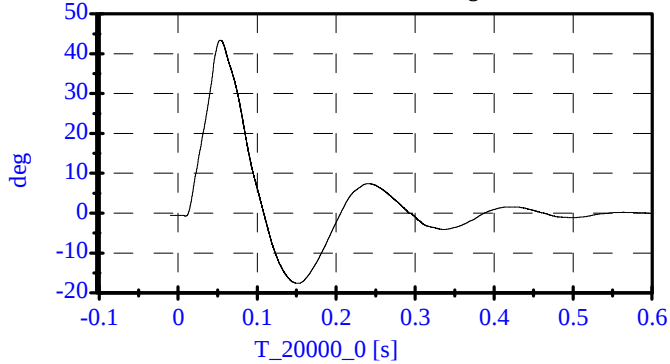
Pend Ax
CFC_180
Max: 27.8 [] at 0.018 [s]
Min: -4.8 [] at 0.041 [s]



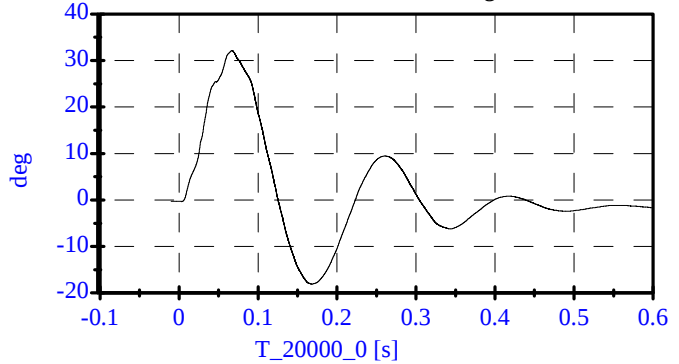
Pend Vx
CFC_180
Max: 8.9 [m/s] at 0.201 [s]
Min: -0.0 [m/s] at -0.000 [s]



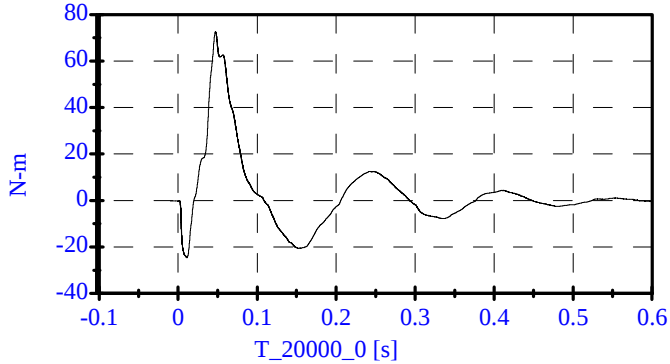
Head Rot
CFC_180
Max: 43.4 [deg] at 0.053 [s]
Min: -17.5 [deg] at 0.152 [s]



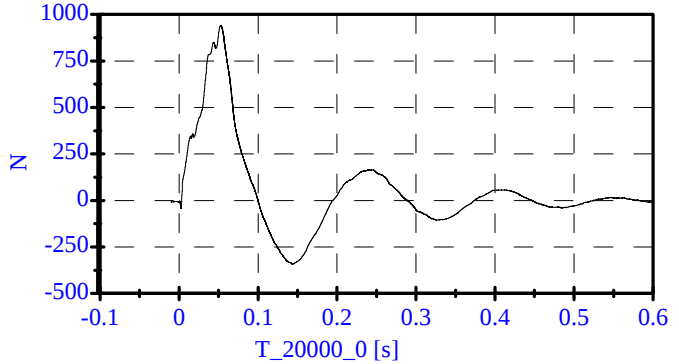
Arm Rot
CFC_180
Max: 32.1 [deg] at 0.067 [s]
Min: -18.1 [deg] at 0.168 [s]



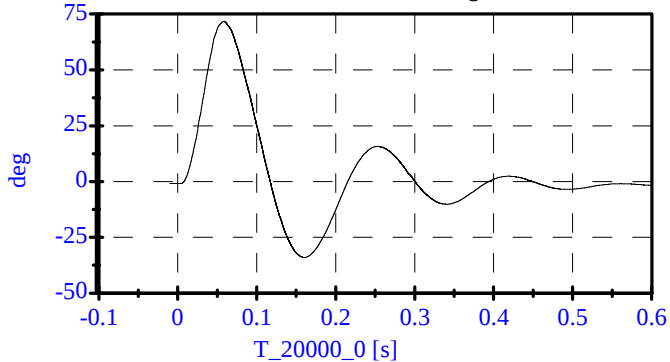
Neck Mx
CFC_600
Max: 72.6 [N-m] at 0.047 [s]
Min: -24.7 [N-m] at 0.011 [s]



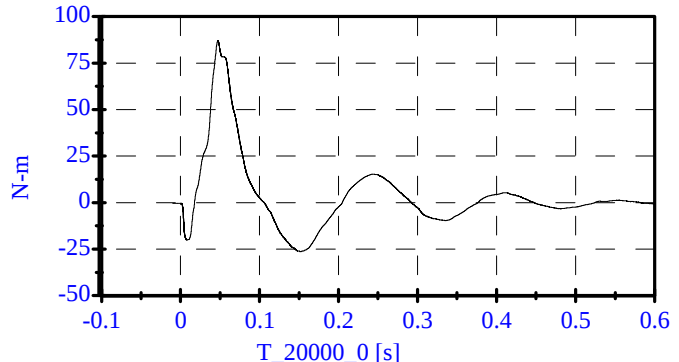
Neck Fy
CFC_1000
Max: 940.3 [N] at 0.052 [s]
Min: -343.0 [N] at 0.144 [s]



Tot Rot
CFC_180
Max: 71.7 [deg] at 0.059 [s]
Min: -34.0 [deg] at 0.161 [s]



MOCX
Max: 87.2 [N-m] at 0.047 [s]
Min: -26.3 [N-m] at 0.152 [s]



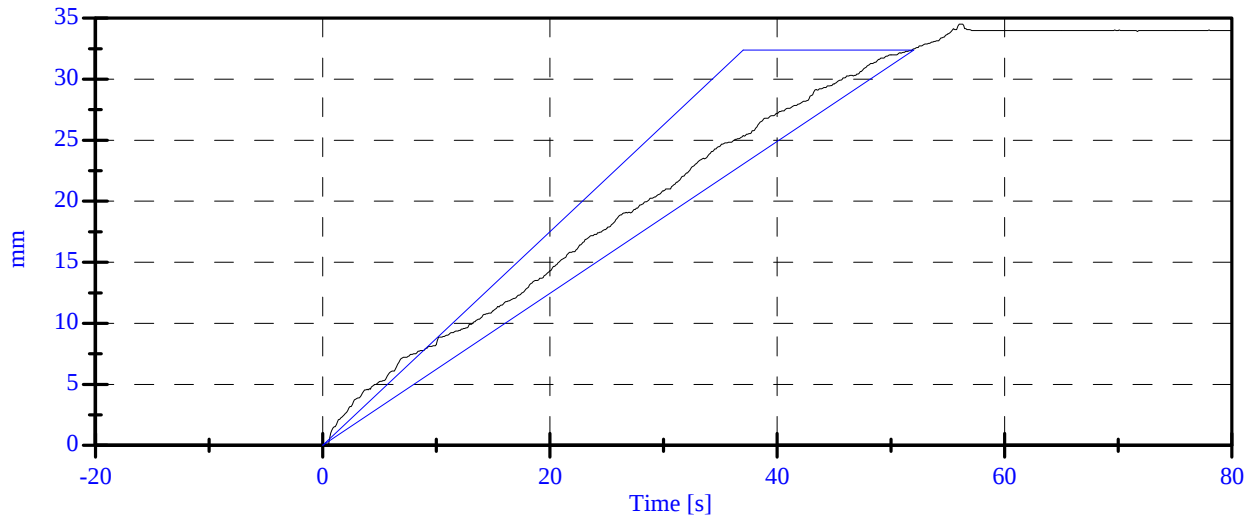
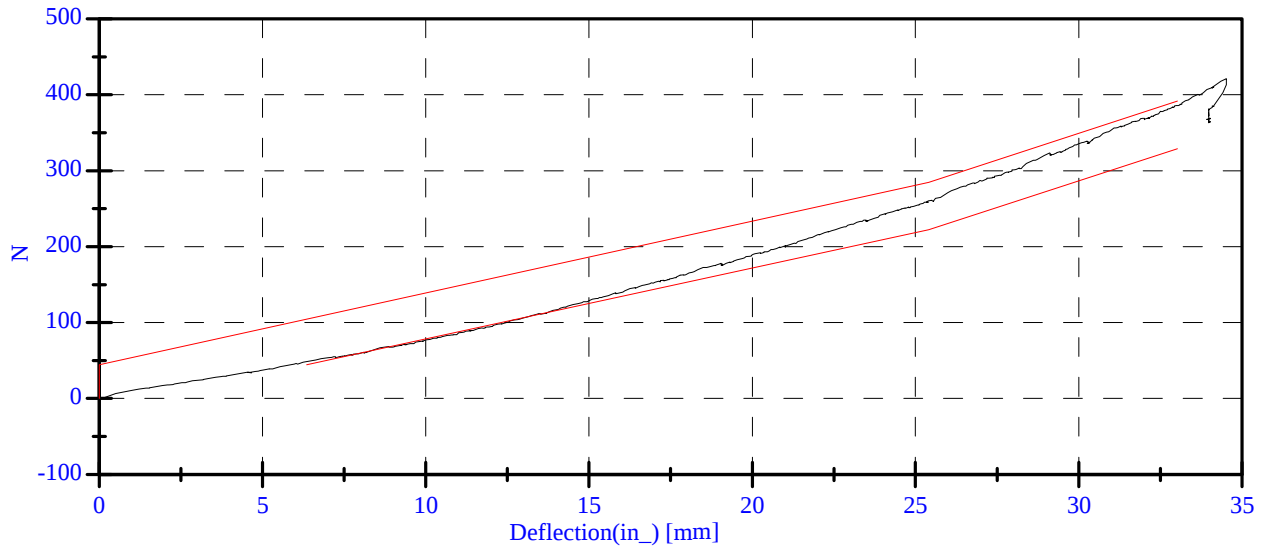
SID Abdominal Test
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905
Date: 9-13-2006

Sequential Test Number: 1 File: 905 abdominal 09-06-test3
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 12.95 mm :	104.00-162.00 N	106.19 N	Passed
Force at 19.05 mm :	162.98-220.99 N	177.92 N	Passed
Force at 25.40 mm :	221.97-280.02 N	258.89 N	Passed
Force at 33.02 mm :	324.99-391.00 N	386.07 N	Passed

ABDOMINAL COMPRESSION TEST



SID Lumbar Spine Test

Post-Test

CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 905

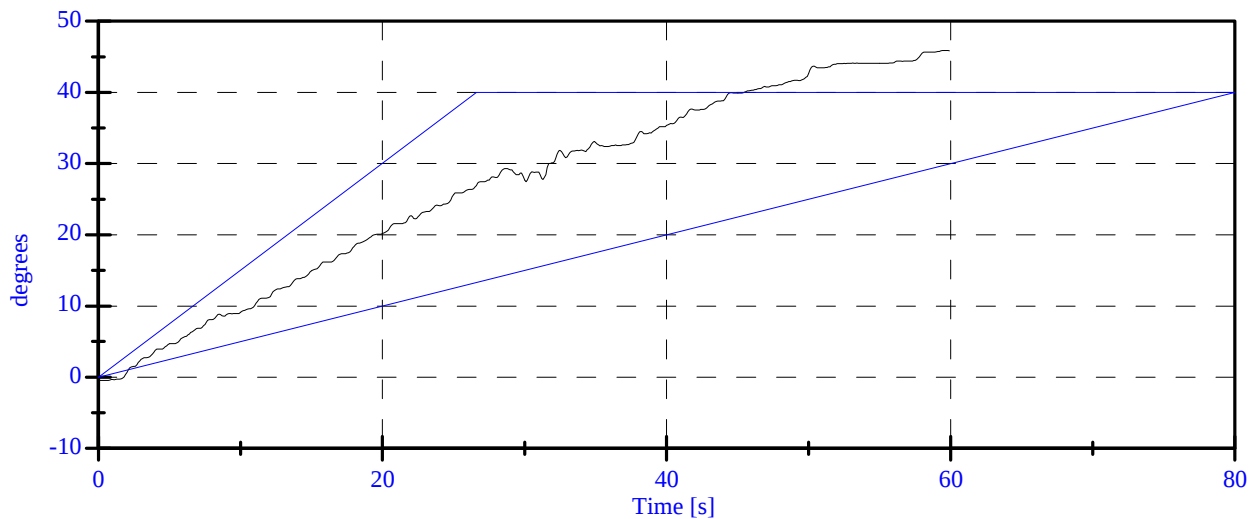
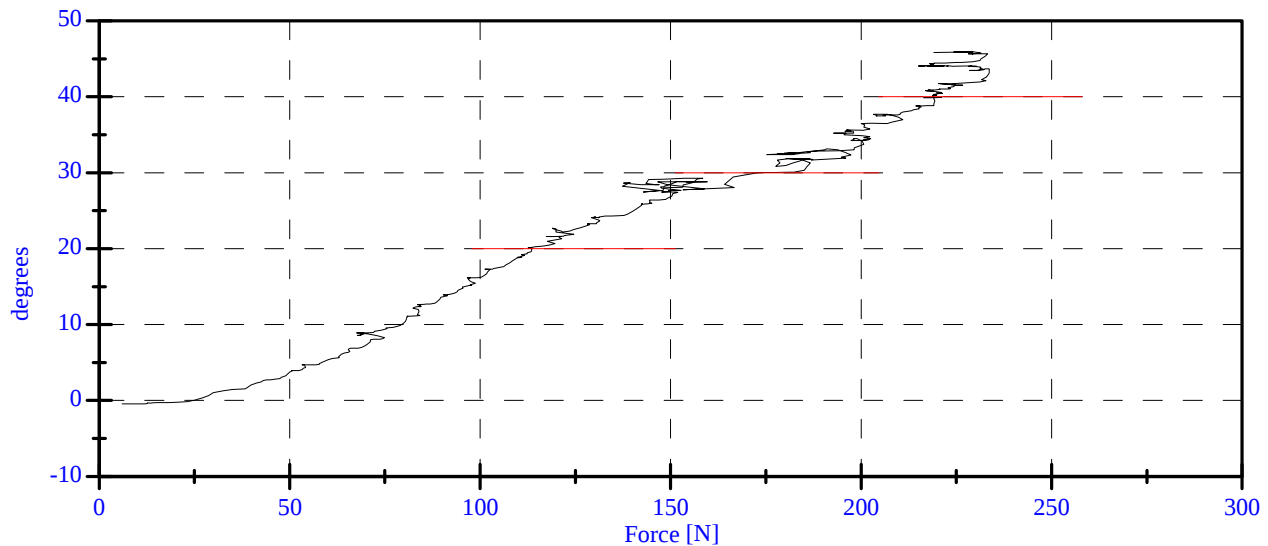
Date: 9-12-2006

Sequential Test Number: 1 File: 905 spine 09-09-test2

Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 0 Deg:	0.00-26.69 N	24.88 N	Passed
Force at 20 Deg:	97.86-151.24 N	113.49 N	Passed
Force at 30 Deg:	151.24-204.62 N	173.25 N	Passed
Force at 40 Deg:	204.62-258.00 N	219.14 N	Passed
Return Angle	12 Deg Max	1.55 deg	Passed

LUMBAR SPINE FLEXION TEST



POST TEST DUMMY INSPECTION LIST
CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 905 Sequential Test Number: 1
 Date: September 13, 2006 Laboratory Technician: B. Swiecicki

PART	ITEMS CHECKED	COMMENTS
SKIN	VISUAL INSPECTION	OK
HEAD	VISUAL, BALLAST, ACCELEROMETER MOUNT	OK
NECK	VISUAL, CABLE TORQUE	OK
SPINE BOX	VISUAL, BALLAST, WELDMENT, ACCELEROMETER MOUNT	OK
RIB CAGE	VISUAL, MEASURE, STIFFENERS	OK
STERNUM	VISUAL	OK
LUMBAR SPINE	VISUAL	OK
ABDOMEN	VISUAL	OK
PELVIS	VISUAL, PALPATE, ACCELEROMETER MOUNT	OK
UPPER LEGS	VISUAL	OK
KNEES	VISUAL, STOPS, INSERTS	OK
LOWER LEGS	VISUAL, RANGE OF MOTION	OK
ANKLES	VISUAL, RANGE OF MOTION	OK
FEET	VISUAL, RANGE OF MOTION	OK
JOINTS	1 TO 2 g RANGE	OK
OTHER	NONE	-

REMARKS: None

CALIBRATION TEST RESULTS

POST TEST

SID H3 NO.: 906

CONFIGURED FOR LEFT SIDE IMPACT

**CALIBRATION TEST RESULTS SUMMARY
POST TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 906 Sequential Test Number: 1
Date: September 13, 2006 Laboratory Technician: B. Swiecicki

TEST	COMMENTS
EXTERNAL DIMENSIONS	Passed all requirements.
LATERAL THORAX IMPACT TEST	Passed all requirements.
LATERAL PELVIS IMPACT TEST	Passed all requirements.
HEAD DROP TEST*	Passed all requirements.
LATERAL NECK BEND TEST*	Passed all requirements.
ABDOMINAL COMPRESSION TEST*	Passed all requirements.
LUMBAR FLEXION TEST*	Passed all requirements.

* Test not required for SID certification.

REMARKS: None

**EXTERNAL DIMENSIONS
POST TEST**

CONFIGURED FOR LEFT SIDE IMPACT

SID H3 Serial No.: 906 Sequential Test Number: 1
Date: September 13, 2006 Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS
SH- Seated Height (mm)	889 - 909	907
RH- Rib Height (mm)	502 - 520	516
HP- Hip Pivot Height (mm)	99 ref.	99
RD- Rib from Back Line (mm)	229 - 241	241
KH- Knee Pivot from Back Line (mm)	511 - 526	518
KV- Knee Pivot to Floor (mm)	490 - 505	493
HW- Hip Width (mm)	356 - 391	381

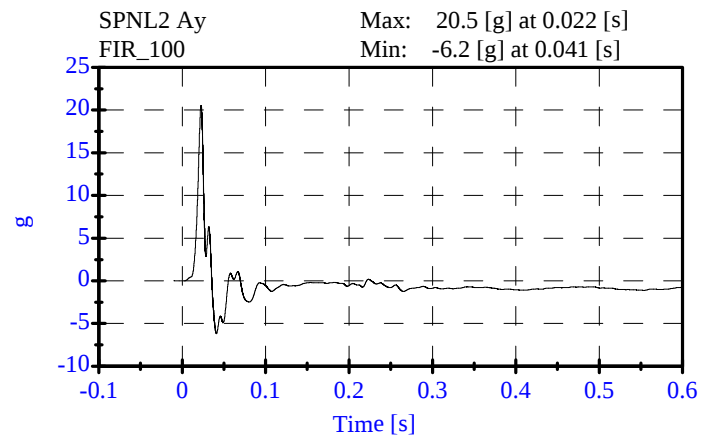
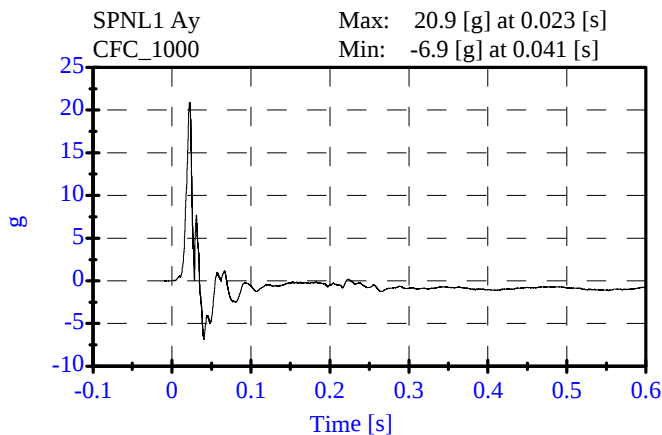
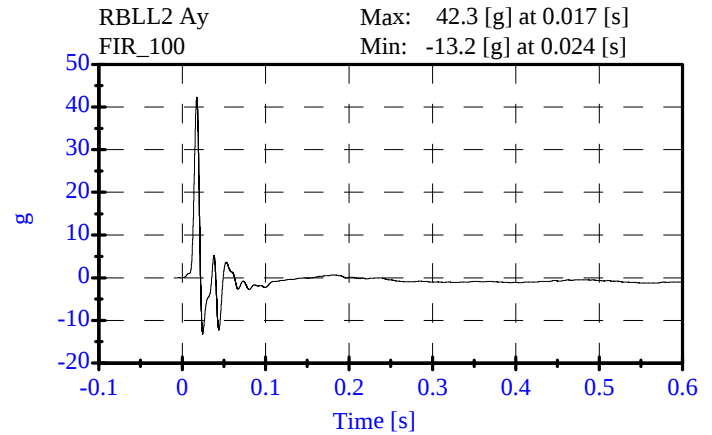
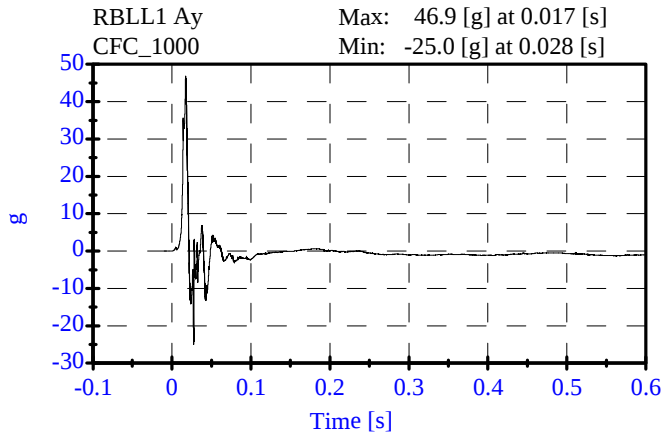
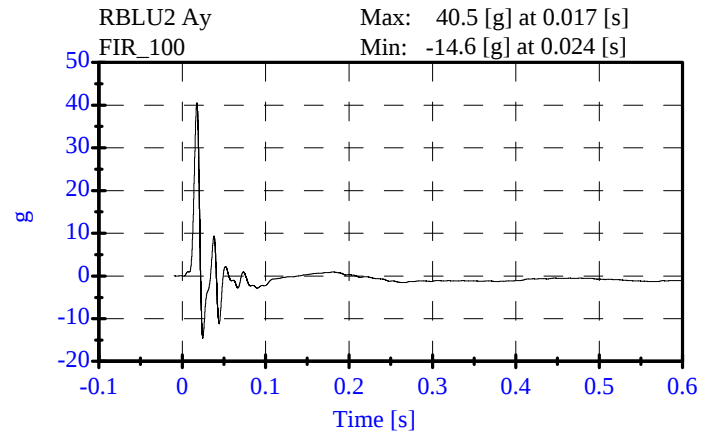
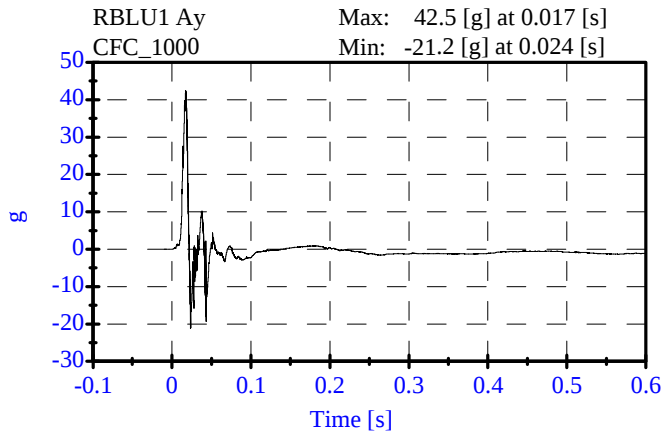
REMARKS: None

SID Thorax Test S/N:906
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: September 13, 2006

Sequential Test Number: 1 File: test1
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.7 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.30 m/s	Passed
Upper Rib Acceleration:	37.00-46.00 g	40.53 g	Passed
Lower Rib Acceleration:	37.00-46.00 g	42.27 g	Passed
Lower Spine Acceleration:	15.00-22.00 g	20.55 g	Passed



SID Pelvis Test S/N:906

Post-Test

CONFIGURED FOR LEFT SIDE IMPACT

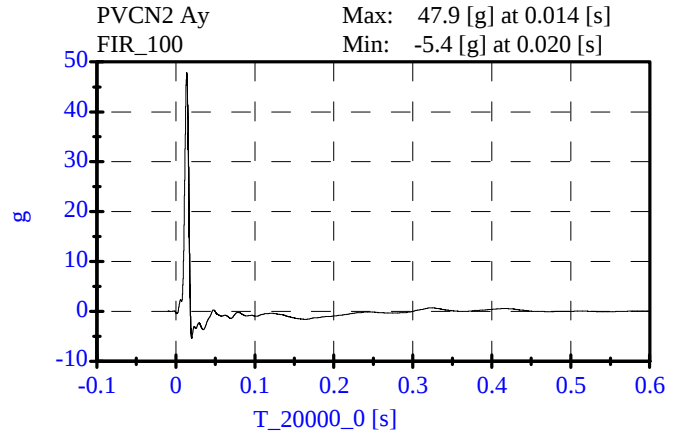
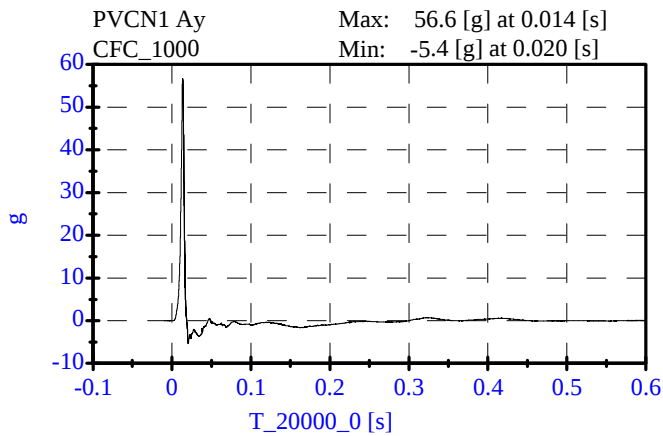
ATD Serial No: 906

Date: September 13, 2006

Sequential Test Number: 1 File: 905T

Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Probe Velocity:	4.27- 4.33 m/s	4.30 m/s	Passed
Pelvis Y Acceleration:	40.00-60.00 g	47.93 g	Passed
Time Above 20 Gs	3.0-7.0 ms	5.9 ms	Passed

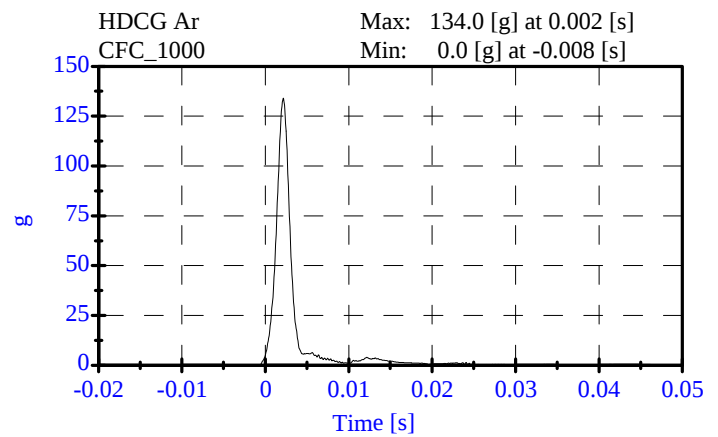
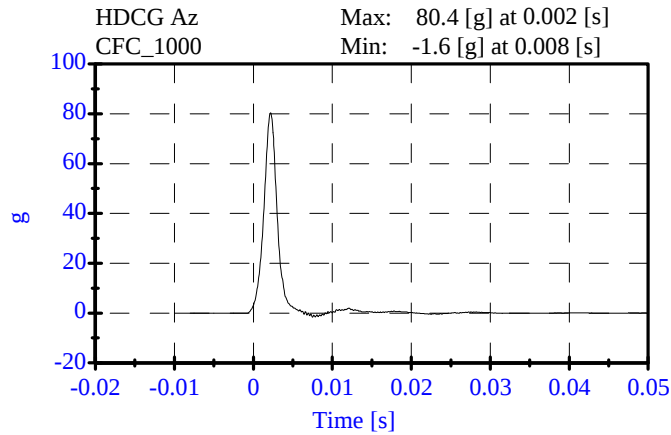
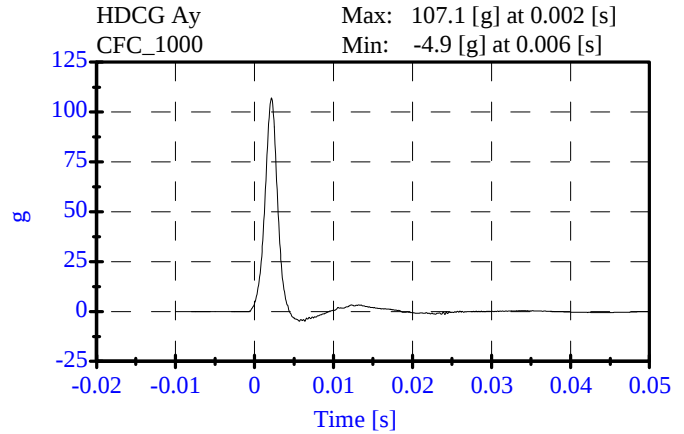
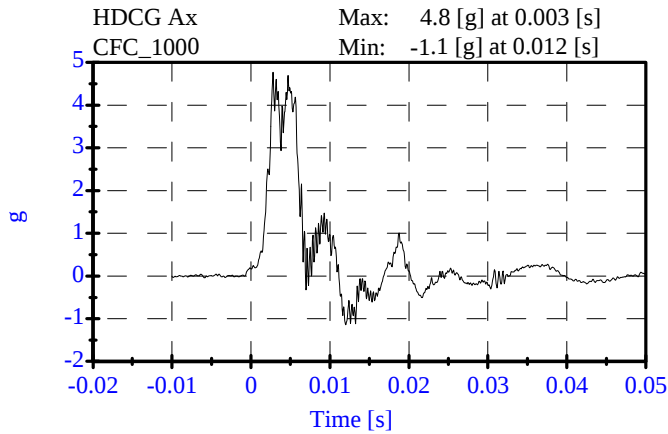


SID HYIII Head Drop Test S/N:906
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: September 11, 2006

Sequential Test Number: 1 File: 906H
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.6 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Peak Resultant Accel.:	120-150 Gs	133.95 Gs	Passed
Peak Lateral Accel.:	15 Gs Max	4.77 Gs	Passed
Curve PerCent NonModal:	< 15%	4.82 %	Passed



SID Head Neck Test S/N:906**Post-Test****CONFIGURED FOR LEFT SIDE IMPACT**

ATD Serial No: 906

Date: September 11, 2006

Sequential Test Number: 1 File: 905N

Laboratory Technician: B. Swiecicki

<u>TEST PARAMETER</u>	<u>SPECIFICATION</u>	<u>TEST RESULTS</u>	<u>STATUS</u>
Lab Temperature:	20.6-22.2 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Impact Velocity:	6.89- 7.13 m/s	6.92 m/s	Passed
PENDULUM DELTA V			
Delta V at 10 ms:	1.96- 2.55 m/s	2.25 m/s	Passed
Delta V at 20 ms:	4.12- 5.10 m/s	4.59 m/s	Passed
Delta V at 30 ms:	5.73- 7.01 m/s	6.62 m/s	Passed
Delta V between 40-70 ms:	6.27- 7.64 m/s	7.18 m/s	Passed
D PLANE ROTATION			
Maximum Rotation:	66.0-82.0 Deg	71.76 Deg	Passed
Rotation Angle Decay:	58.0-67.0 ms	61.40 ms	Passed
MOMENT ABOUT THE OCCIPITAL CONDYLE			
Max Occipital Moment:	73.00- 88.00 N-m	81.21 N-m	Passed
Occipital Moment Decay:	49.0-64.0 ms	60.75 ms	Passed
HEAD ROTATION TIME WITH RESPECT TO THE OCCIPITAL CONDYLE MOMENT			
Moment to Rotation Peak:	2.0-16.0 ms	11.05 ms	Passed

SID Head Neck Test S/N:906
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

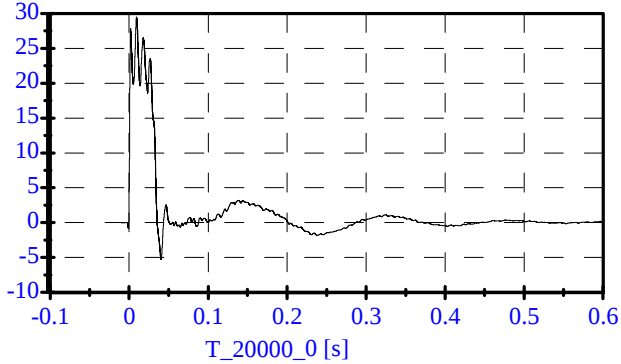
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Date: September 11, 2006

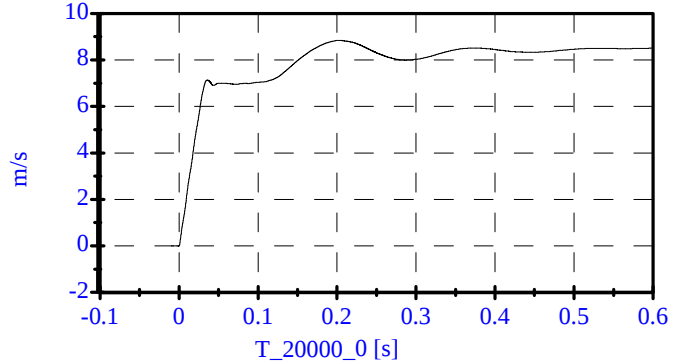
Sequential Test Number: 1 File: 905N

Laboratory Technician: B. Swiecicki

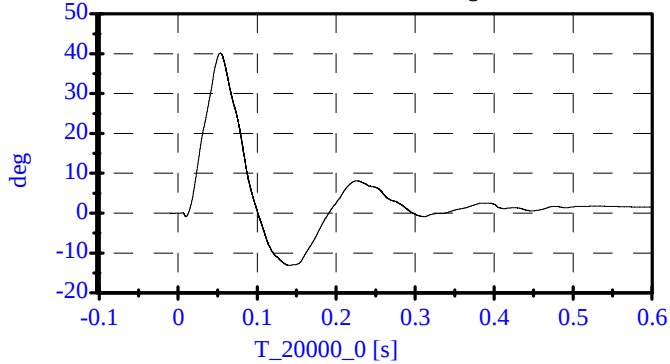
Pend Ax
CFC_180
Max: 29.5 [] at 0.009 [s]
Min: -5.2 [] at 0.041 [s]



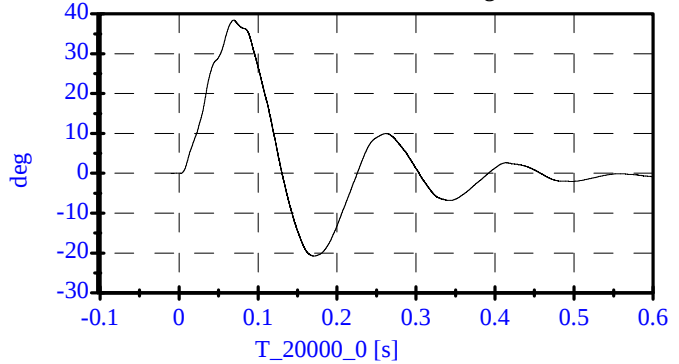
Pend Vx
CFC_180
Max: 8.8 [m/s] at 0.201 [s]
Min: -0.0 [m/s] at -0.000 [s]



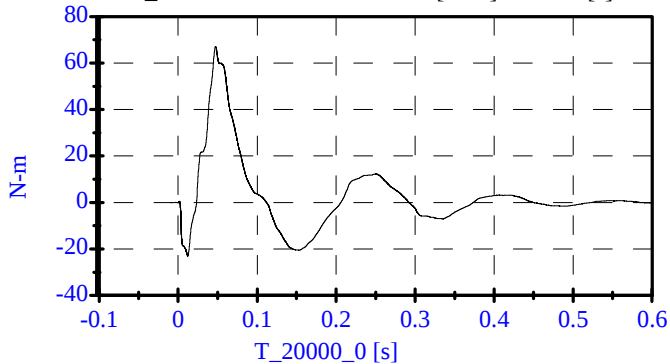
Head Rot
CFC_180
Max: 40.2 [deg] at 0.053 [s]
Min: -13.1 [deg] at 0.141 [s]



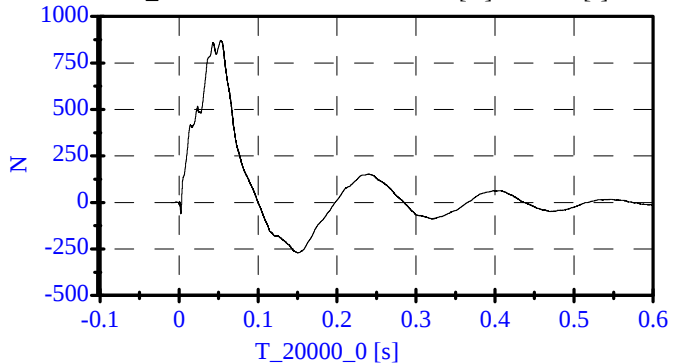
Arm Rot
CFC_180
Max: 38.5 [deg] at 0.069 [s]
Min: -20.7 [deg] at 0.171 [s]



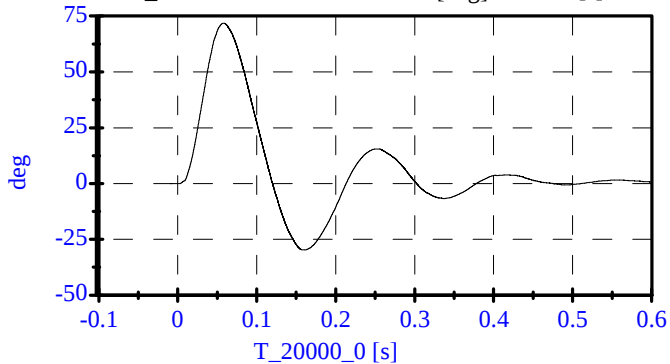
Neck Mx
CFC_600
Max: 67.0 [N-m] at 0.047 [s]
Min: -23.1 [N-m] at 0.012 [s]



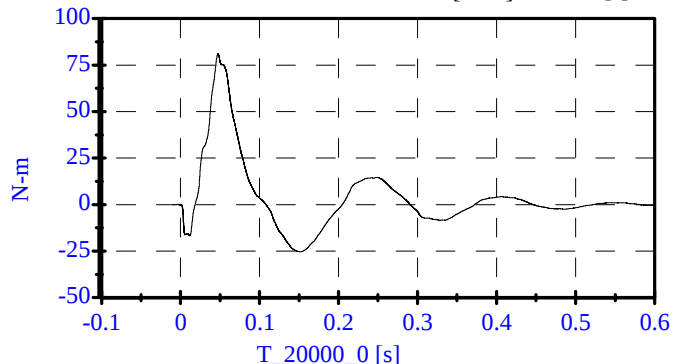
Neck Fy
CFC_1000
Max: 870.5 [N] at 0.053 [s]
Min: -270.9 [N] at 0.151 [s]



Tot Rot
CFC_180
Max: 71.8 [deg] at 0.059 [s]
Min: -29.7 [deg] at 0.159 [s]



MOCX
Max: 81.2 [N-m] at 0.048 [s]
Min: -25.4 [N-m] at 0.152 [s]



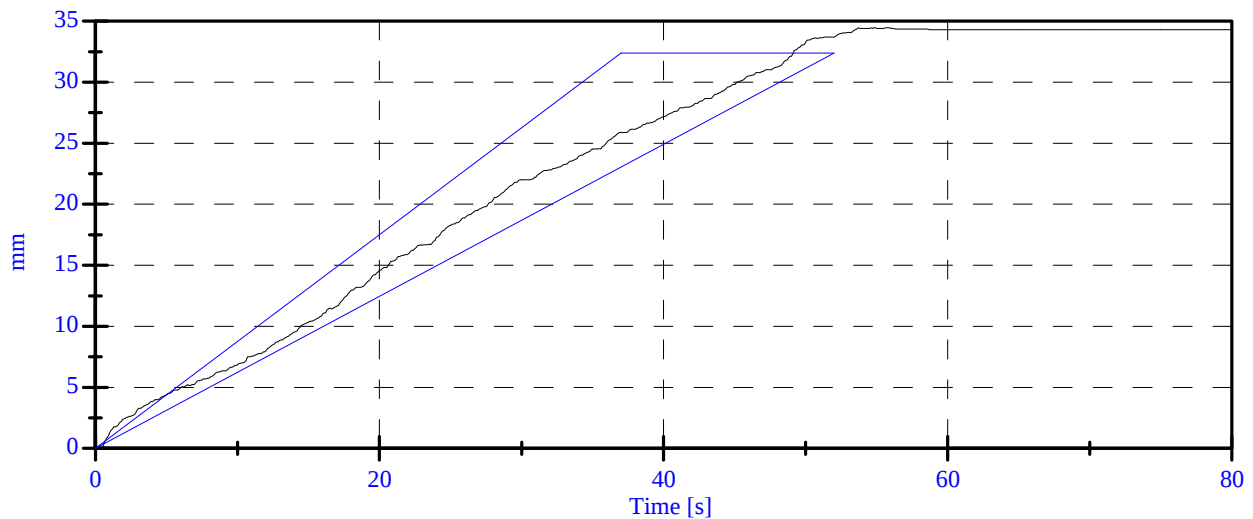
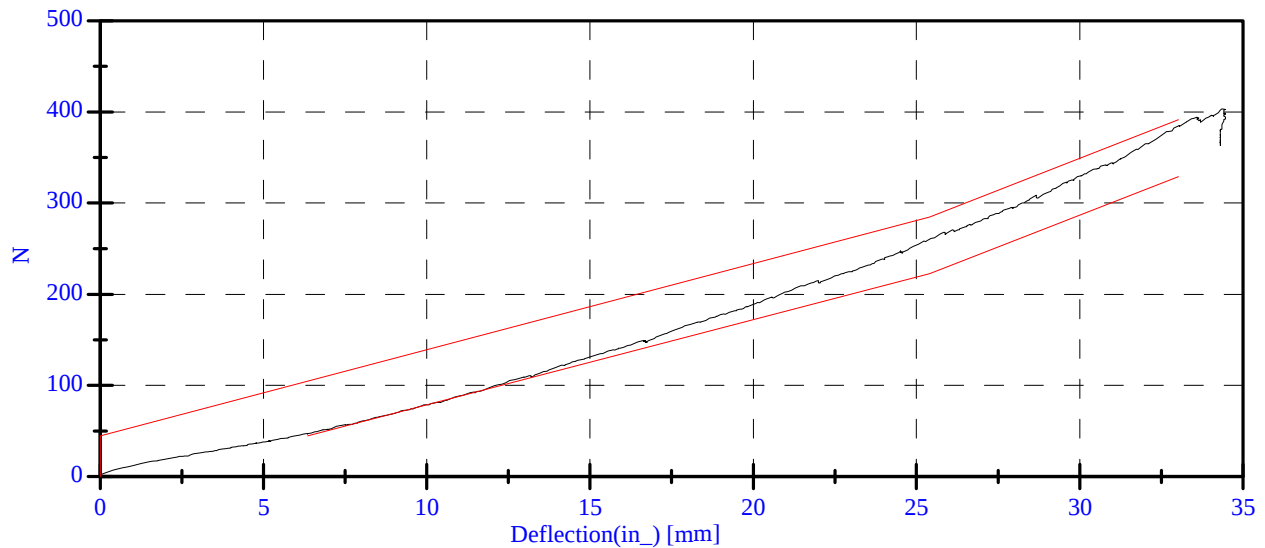
SID Abdominal Test
Post-Test
CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906
Date: 9-13-2006

Sequential Test Number: 1 File: 906 abdominal 09-06-test
Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 12.95 mm :	104.00-162.00 N	109.24 N	Passed
Force at 19.05 mm :	162.98-220.99 N	178.38 N	Passed
Force at 25.40 mm :	221.97-280.02 N	261.20 N	Passed
Force at 33.02 mm :	324.99-391.00 N	385.06 N	Passed

ABDOMINAL COMPRESSION TEST



Lumbar Spine Test

Post-Test

CONFIGURED FOR LEFT SIDE IMPACT

ATD Serial No: 906

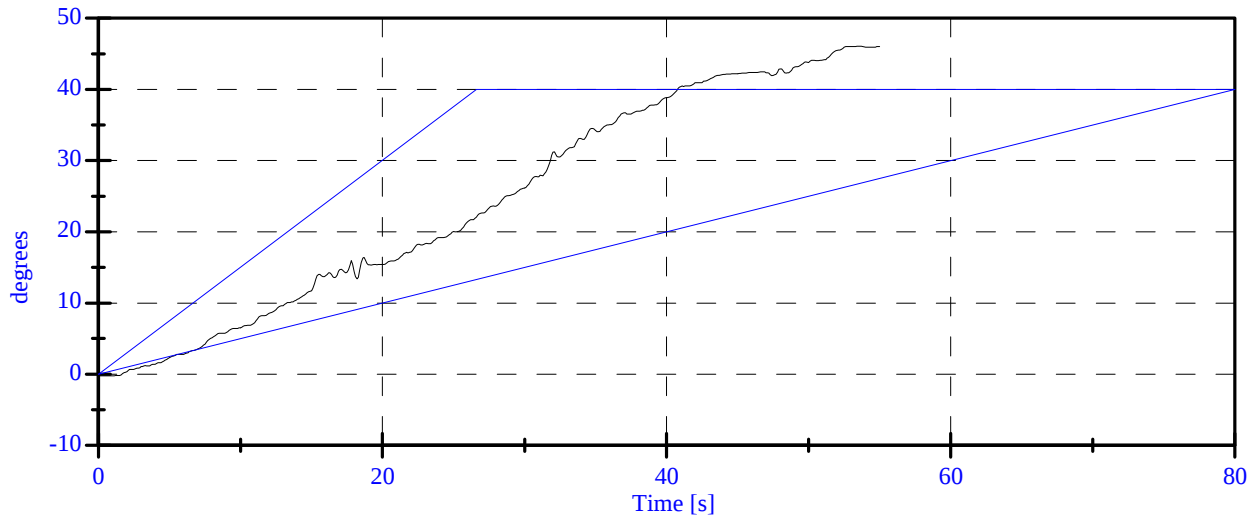
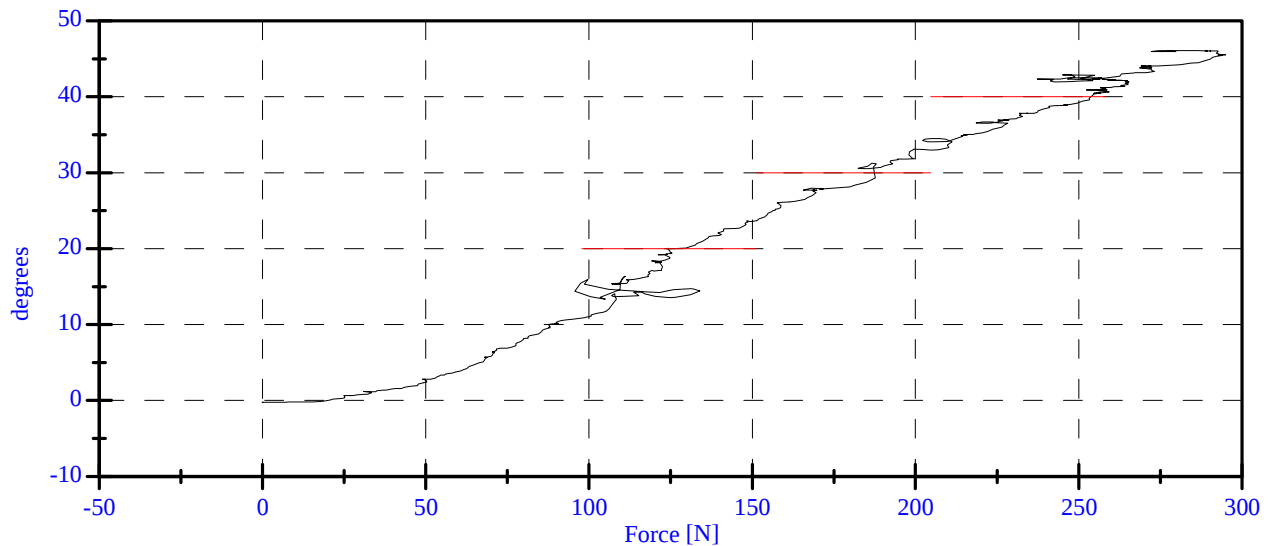
Date: 9-12-2006

Sequential Test Number: 1 File: 906 spine 09-09-test1

Laboratory Technician: B. Swiecicki

TEST PARAMETER	SPECIFICATION	TEST RESULTS	STATUS
Lab Temperature:	18.9-25.5 C	21.1 C	Passed
Lab Humidity:	10-70 %	50.00 %	Passed
Force at 0 Deg:	0.00-26.69 N	20.69 N	Passed
Force at 20 Deg:	97.86-151.24 N	123.73 N	Passed
Force at 30 Deg:	151.24-204.62 N	187.41 N	Passed
Force at 40 Deg:	204.62-258.00 N	254.10 N	Passed
Return Angle	12 Deg Max	8.62 deg	Passed

LUMBAR SPINE FLEXION TEST



POST TEST DUMMY INSPECTION LIST
CONFIGURED FOR LEFT SIDE IMPACT

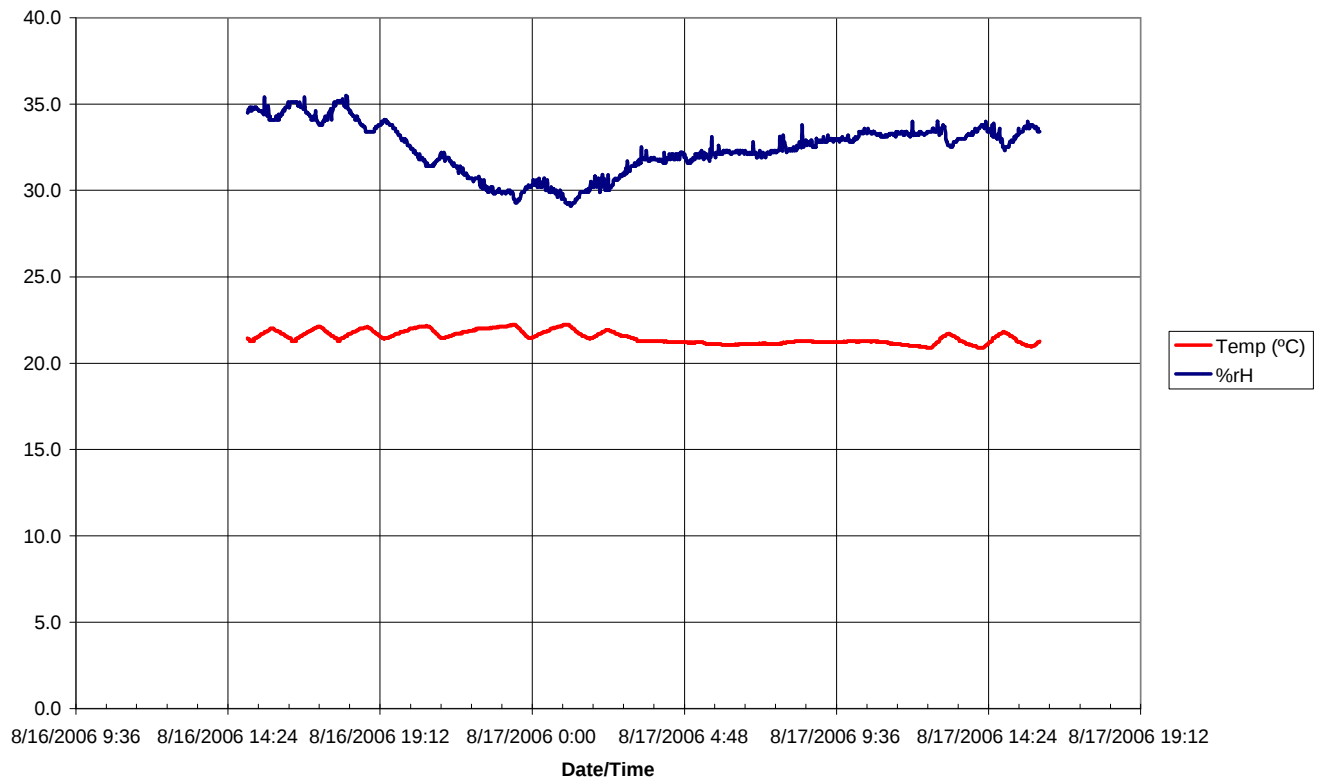
SID H3 Serial No.: 906 Sequential Test Number: 1
 Date: September 13, 2006 Laboratory Technician: B. Swiecicki

PART	ITEMS CHECKED	COMMENTS
SKIN	VISUAL INSPECTION	OK
HEAD	VISUAL, BALLAST, ACCELEROMETER MOUNT	OK
NECK	VISUAL, CABLE TORQUE	OK
SPINE BOX	VISUAL, BALLAST, WELDMENT, ACCELEROMETER MOUNT	OK
RIB CAGE	VISUAL, MEASURE, STIFFENERS	OK
STERNUM	VISUAL	OK
LUMBAR SPINE	VISUAL	OK
ABDOMEN	VISUAL	OK
PELVIS	VISUAL, PALPATE, ACCELEROMETER MOUNT	OK
UPPER LEGS	VISUAL	OK
KNEES	VISUAL, STOPS, INSERTS	OK
LOWER LEGS	VISUAL, RANGE OF MOTION	OK
ANKLES	VISUAL, RANGE OF MOTION	OK
FEET	VISUAL, RANGE OF MOTION	OK
JOINTS	1 TO 2 g RANGE	OK
OTHER	NONE	-

REMARKS: None

TEMPERATURE TRACE

2007 Jeep Compass C70301 Environmental Conditions



APPENDIX D

TEST EQUIPMENT AND CALIBRATION INFORMATION

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

SID/HIII INSTRUMENTATION

	FRONT SID/HIII NO.: 905		
	SERIAL NUMBER	MANUFACTURER	CALIBRATION DATE
HEAD AX	AC-P21373	ENDEVCO	5-Jul-06
HEAD AY	AC-P23128	ENDEVCO	5-Jul-06
HEAD AZ	AC-P21297	ENDEVCO	5-Jul-06
UPPER NECK FX	LC-1626FX	DENTON	6-Jul-06
UPPER NECK FY	LC-1626FY	DENTON	6-Jul-06
UPPER NECK FZ	LC-1626FZ	DENTON	6-Jul-06
UPPER NECK MX	LC-1626MX	DENTON	6-Jul-06
UPPER NECK MY	LC-1626MY	DENTON	6-Jul-06
UPPER NECK MZ	LC-1626MZ	DENTON	6-Jul-06
UPPER RIB	AC-P15736	ENDEVCO	5-Jul-06
LOWER RIB	AC-P16289	ENDEVCO	5-Jul-06
LOWER SPINE	AC-P16761	ENDEVCO	5-Jul-06
PELVIS	AC-P23960	ENDEVCO	5-Jul-06
UPPER RIB REDUNDANT	AC-P16593	ENDEVCO	5-Jul-06
LOWER RIB REDUNDANT	AC-P23142	ENDEVCO	5-Jul-06
LOWER SPINE REDUNDANT	AC-P21516	ENDEVCO	5-Jul-06
PELVIS REDUNDANT	AC-P32221	ENDEVCO	5-Jul-06

	REAR SID/HIII NO.: 906		
	SERIAL NUMBER	MANUFACTURER	CALIBRATION DATE
HEAD AX	AC-P23788	ENDEVCO	6-Jul-06
HEAD AY	AC-P21393	ENDEVCO	6-Jul-06
HEAD AZ	AC-P16845	ENDEVCO	6-Jul-06
UPPER NECK FX	LC-798FX	DENTON	6-Jul-06
UPPER NECK FY	LC-798FY	DENTON	6-Jul-06
UPPER NECK FZ	LC-798FZ	DENTON	6-Jul-06
UPPER NECK MX	LC-798MX	DENTON	6-Jul-06
UPPER NECK MY	LC-798MY	DENTON	6-Jul-06
UPPER NECK MZ	LC-798MZ	DENTON	6-Jul-06
UPPER RIB	AC-P16862	ENDEVCO	6-Jul-06
LOWER RIB	AC-P16866	ENDEVCO	6-Jul-06
LOWER SPINE	AC-P16645	ENDEVCO	6-Jul-06
PELVIS	AC-P23139	ENDEVCO	6-Jul-06
UPPER RIB REDUNDANT	AC-P23156	ENDEVCO	6-Jul-06
LOWER RIB REDUNDANT	AC-P16656	ENDEVCO	6-Jul-06
LOWER SPINE REDUNDANT	AC-P19343	ENDEVCO	6-Jul-06
PELVIS REDUNDANT	AC-P17539	ENDEVCO	6-Jul-06

REMARKS: None

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

VEHICLE AND MDB INSTRUMENTATION

	VEHICLE AND MDB INSTRUMENTS		
	SERIAL NUMBER	MANUFACTURER	CALIBRATION DATE
RIGHT FRONT SILL (X)	AC-P23161	ENDEVCO	19-Jul-06
RIGHT FRONT SILL (Y)	AC-P24011	ENDEVCO	7-Jul-06
RIGHT FRONT SILL (Z)	AC-P19111	ENDEVCO	7-Jul-06
RIGHT REAR SILL (X)	AC-P23939	ENDEVCO	19-Jul-06
RIGHT REAR SILL (Y)	AC-P23999	ENDEVCO	19-Jul-06
RIGHT REAR SILL (Z)	AC-P23993	ENDEVCO	19-Jul-06
REAR FLOORPAN ABOVE AXLE (X)	AC-P16625	ENDEVCO	18-Jul-06
REAR FLOORPAN ABOVE AXLE (Y)	AC-J32143	ENDEVCO	21-Jul-06
REAR FLOORPAN ABOVE AXLE (Z)	AC-J32838	ENDEVCO	7-Jul-06
LEFT REAR SILL (Y)	AC-P13323	ENDEVCO	5-Jul-06
LEFT FRONT SILL (Y)	AC-P19219	ENDEVCO	5-Jul-06
LEFT FRONT DOOR CENTERLINE (Y)	-	-	-
RIGHT REAR SEAT OCCUPANT COMP. (Y)	AC-8083-037	ICS	12-Jul-06
MID REAR OF LEFT FRONT DOOR (Y)	-	-	-
LEFT FRONT DOOR UPPER C/L (Y)	-	-	-
MID REAR OF LEFT REAR DOOR (Y)	-	-	-
LEFT REAR DOOR UPPER C/L (Y)	-	-	-
LOWER LEFT B- PILLAR (Y)	AC-P23137	ENDEVCO	5-Jul-06
MIDDLE LEFT B-PILLAR (Y)	AC-P23136	ENDEVCO	5-Jul-06
LOWER LEFT A-PILLAR (Y)	AC-P23155	ENDEVCO	30-Jun-06
UPPER LEFT A-PILLAR (Y)	AC-P16843	ENDEVCO	5-Jul-06
FRONT SEAT TRACK (Y)	AC-P19374	ENDEVCO	5-Jul-06
REAR SEAT TRACK (Y)	AC-J31011	ENDEVCO	10-Mar-06
VEHICLE CG (X)	AC-P23976	ENDEVCO	6-Jul-06
VEHICLE CG (Y)	AC-P18628	ENDEVCO	6-Jul-06
VEHICLE CG (Z)	AC-P18718	ENDEVCO	5-Jul-06
MDB CG (X)	AC-C16433	ENDEVCO	27-Jun-06
MDB CG (Y)	AC-C16416	ENDEVCO	27-Jun-06
MDB CG (Z)	AC-C16499	ENDEVCO	27-Jun-06
MDB REAR FRAME MEMBER (X)	AC-C14948	ENDEVCO	27-Jun-06
MDB REAR FRAME MEMBER (Y)	AC-C16680	ENDEVCO	27-Jun-06

REMARKS: None