

FINAL REPORT NUMBER: SPNCAP-TRC-25-003

**NEW CAR ASSESSMENT PROGRAM (NCAP)
SIDE IMPACT POLE TEST**

**GENERAL MOTORS LLC
2025 Chevrolet Tahoe
NHTSA NUMBER: M20250108**

**PREPARED BY:
Transportation Research Center Inc.
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P. O. Box B-67
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Report Date: October 13, 2025

FINAL REPORT

**PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
National Highway Traffic Safety Administration
Office of Crashworthiness Standards
Mail Code: NRM-110
1200 New Jersey Ave, SE
Washington, D.C. 20590**

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Report Prepared By: ILO Project Operations Group

Report Approved By: _____



John Shultz

Approval Date: October 13, 2025

FINAL REPORT ACCEPTANCE BY OCWS:

Division Chief, New Car Assessment Program
NHTSA, Office of Crashworthiness Standards

Date: _____

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Technical Report Documentation Page

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16. Abstract A 32.2 km/h (20 mph), 75° oblique impact Side NCAP Test was conducted on the subject vehicle, a 2025 Chevrolet Tahoe, in accordance with the specifications of the Office of Crashworthiness Standards Side NCAP Pole Laboratory Test Procedure for the generation of consumer information on vehicle side pole crash protection. This test was conducted by Transportation Research Center Inc. in East Liberty, Ohio, on April 30, 2025. The impact velocity was 31.91 km/h, and the ambient temperature at the struck (left) side of the target vehicle at the time of impact was 22.1° C. The test vehicle's post-test maximum crush was 364 mm at Level 2. The test or target vehicle's performance is given below: <table border="1"> <thead> <tr> <th></th><th>Unit</th><th>Threshold</th><th>Front SID-IIs</th></tr> </thead> <tbody> <tr> <td>Head Injury Criteria (HIC₃₆):</td><td>NA</td><td>1000</td><td>213.270</td></tr> <tr> <td>Resultant Lower Spine Acceleration:</td><td>g's</td><td>82</td><td>32.880</td></tr> <tr> <td>Total Pelvic Force: (sum of acetabular and iliac forces)</td><td>N</td><td>5525</td><td>2818.990</td></tr> <tr> <td>Maximum Thoracic Rib Deflection</td><td>mm</td><td>38*</td><td>19.750</td></tr> <tr> <td>Maximum Abdomen Rib Deflection</td><td>mm</td><td>45*</td><td>18.750</td></tr> </tbody> </table> * Proposed IARV The doors on the struck side did not separate from the body at the hinges or latches and the opposite doors did not open during the side impact event.					Unit	Threshold	Front SID-IIs	Head Injury Criteria (HIC ₃₆):	NA	1000	213.270	Resultant Lower Spine Acceleration:	g's	82	32.880	Total Pelvic Force: (sum of acetabular and iliac forces)	N	5525	2818.990	Maximum Thoracic Rib Deflection	mm	38*	19.750	Maximum Abdomen Rib Deflection	mm	45*	18.750
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17. Key Words New Car Assessment Program (NCAP) Side Impact Pole Part 572V SID-IIs		18. Distribution Statement Copies of this report are available from: National Highway Traffic Safety Administration Technical Information Services Division 1200 New Jersey Ave Washington, DC 20590																									
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SECTION 1

TEST PURPOSE AND PROCEDURE

TEST PURPOSE AND PROCEDURE

This side impact test was conducted as part of the MY25 New Car Assessment Program Side Impact Test Program, sponsored by the National Highway Traffic Safety Administration (NHTSA), under Contract No. 693JJ920D000018. The purpose of this test is to generate comparative side impact performance in a 2025 Chevrolet Tahoe manufactured by GENERAL MOTORS LLC. The side impact test was conducted in accordance with the Office of Crashworthiness Standard's Side NCAP Pole Laboratory Test Procedure, dated March 2020.

SECTION 2

SUMMARY OF TEST RESULTS

A rigid pole side impact test was conducted on a model year 2025 Chevrolet Tahoe. The subject vehicle was towed into the rigid pole at an angle of 75° and a velocity of 31.91 km/h. The side impact test was conducted by Transportation Research Center Inc. in East Liberty, OH, on April 30, 2025. Pre-test and post-test photographs of the test vehicle and the side impact dummy (SID-IIs) are included in Appendix A of this report.

One Part 572V (SID-IIs) dummy was placed in the driver designated seating position according to instructions specified in the OCWS Side NCAP Pole Laboratory Test Procedure, dated March 2020. Camera locations and other pertinent camera information are included in this report.

The Part 572V (SID-IIs) dummy was instrumented accordingly:

- Primary and Redundant Head CG Triaxial Accelerometers
- Thorax Upper, Middle, and Lower Rib Displacement Potentiometers
- Abdomen Upper and Lower Rib Displacement Potentiometers
- Lower Spine (T12) Triaxial Accelerometers
- Iliac Load Cell
- Acetabulum Load Cell

Appendix B contains the vehicle and dummy response data. Dummy configuration and performance verification data can be found in Appendix C of this report. Appendix D contains the test equipment and instrumentation calibration data.

Injury readings for the SID-IIs dummy were recorded as follows:

Measurement Description	Driver ATD (SID-IIs)		
	Units	IARV	Result
Head Injury Criteria (HIC ₃₆)	NA	1000	213.270
Lower Spine Acceleration Resultant	G	82	32.880
Total Pelvic Force (sum of acetabular and iliac forces)	N	5525	2818.990
Maximum Thoracic Rib Deflection	mm	38*	19.750
Maximum Abdominal Rib Deflection	mm	45*	18.750

* Proposed IARV

Supplemental restraint information is given below:

Restraint Type	Left Front (Driver) Occupant Location 1		Left Rear (Passenger) Occupant Location 4	
	Mounted	Deployed	Mounted	Deployed
Frontal Airbag	Yes	Yes		
Knee Airbag	No	N/A		
Side Curtain Airbag	Yes	Yes	Yes	Yes
Side Torso/Pelvis Airbag	Yes	Yes	Yes	No
Side Torso Airbag	No	N/A	No	N/A
Seat Belt Pretensioner	Yes	Yes	Yes	Yes
Seat Belt Load Limiter	Yes	No	Yes	No
Other: Center Seat Airbag	Yes	Yes	No	N/A

GENERAL COMMENTS

Left B-Pillar Sill Y QD after 48

SECTION 3
OCCUPANT AND VEHICLE INFORMATION

DATA SHEET NO. 1
GENERAL TEST AND VEHICLE PARAMETER DATA

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025

TEST VEHICLE INFORMATION AND OPTIONS

NHTSA No.	M20250108
Model Year	2025
Make	Chevrolet
Model	Tahoe
Body Style	MPV
VIN	1GNS5MRDXSR165857
Body Color	Summit White
Odometer Reading (km/mi)	5 mi
Engine Displacement (L)	5.3
Type/No. Cylinders	V8
Engine Placement	Inline
Transmission Type	Automatic
Transmission Speeds	10
Overdrive	Yes
Final Drive	RWD
Roof Rack	Yes
Sunroof/T-Top	No
Running Boards	Yes
Tilt Steering Wheel	Yes
Power Seats	Yes
Anti-Lock Brakes (ABS)	Yes

Traction Control System (TCS)	Yes
Auto-Leveling System	Yes
Automatic Door Locks (ADL)	Yes
Power Window Auto-Reverse	Yes
Other Optional Feature	No
Driver Front Airbag	Yes
Driver Curtain Airbag	Yes
Driver Head/Torso Airbag	No
Driver Torso Airbag	No
Driver Torso/Pelvis Airbag	Yes
Driver Pelvis Airbag	No
Driver Knee Airbag	No
Rear Pass. Curtain Airbag	Yes
Rear Pass. Head/Torso Airbag	No
Rear Pass. Torso Airbag	No
Rear Pass. Torso/Pelvis Airbag	Yes
Rear Pass. Pelvis Airbag	No
Driver Seat Belt Pretensioner	Yes
Rear Pass. Seat Belt Pretensioner	Yes
Driver Load Limiter	Yes
Rear Pass. Load Limiter	Yes
Other: Center Seat Airbag	Yes

Does owner's manual provide instructions to turn off automatic door locks?

No

DATA FROM CERTIFICATION LABEL

Manufactured By	GENERAL MOTORS LLC
Date of Manufacturer	12/24
Vehicle Type	MPV

GVWR (kg)	3357
GAWR Front (kg)	1678
GAWR Rear (kg)	1950

VEHICLE SEATING AND WEIGHT CAPACITY DATA

	Front	Rear	Third	Total
Designated Seating Capacity (DSC)	2	3	3	8
Vehicle Capacity Weight (VCW) (kg)				804.0
DSC X 68.0 kg				544.0
Rated Cargo and Luggage Weight (RCLW) (kg)				260.0

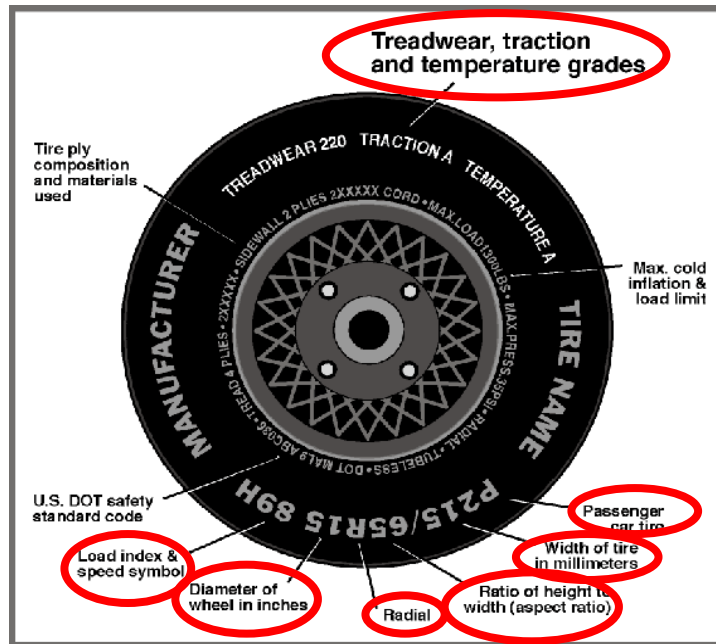
VEHICLE SEAT TYPE

Seating Location	Type of Seat Pan				Type of Seat Back		
	Bucket	Bench	Split Bench	Contoured	Fixed	Adjustable	
						W/ Lever	W/ Knob
Front Seat	Yes	N/A	N/A		N/A	N/A	Yes
Rear or Second Row Seat	N/A	N/A	Yes	N/A	N/A	Yes	N/A
Third row seat	N/A	N/A	Yes	N/A	N/A	Yes	N/A

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

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025



DATA FROM TIRE PLACARD

Measured Parameter	Front	Rear
Maximum Tire Pressure (kPa)	300	300
Cold Pressure (kPa)	240	240
Recommended Tire Size	275/60R20	275/65R20
Tire Size on Vehicle	275/65R20	275/65R20
Tire Manufacturer	Continental	Continental
Tire Model	CrossContact LX20	CrossContact LX20
Treadwear	740	740
Traction	A	A
Temperature Grades	B	B
Tire Plies Sidewall	2	2
Tire Plies Body	5	5
Load Index/Speed Symbol	115 T	115 T
Tire Material	Polyester, Steel, Polyamide	Polyester, Steel, Polyamide
DOT Safety Code Left	1A3 OF9EU1 4224	1A3 OF9EU1 4224
DOT Safety Code Right	1A3 OF9EU1 4124	1A3 OF9EU1 4224

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

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025

TIRE PRESSURES

	Units	LF	RF	LR	RR
As Delivered	kPa	275	275	275	275
Tire Placard	kPa	240	240	240	240
Owner's Manual	kPa	240	240	240	240
As Tested	kPa	240	240	240	240

TEST /VEHICLE AXLE WEIGHTS

	Units	As Delivered (UVW)			As Tested (ATW)			Fully Loaded		
		Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total	Front Axle	Rear Axle	Total
Left	kg	610.2	642.6		638.0	711.6		626.2	733.8	
Right	kg	636.4	617.8		637.4	698.6		632.4	695.0	
Ratio	%	49.7	50.3		47.5	52.5		46.8	53.2	
Totals	kg	1246.6	1260.4	2507.0	1275.4	1410.2	2685.6	1258.6	1428.8	2687.4

TARGET TEST WEIGHT CALCULATION

Measured Parameter	Units	Value
Total As Delivered Weight (UVW)	kg	2507.0
Actual Weight of 1 P572V ATD (SID-IIs) Dummy Used	kg	49.0
Rated Cargo/Luggage Weight (RCLW) ¹	kg	136.0
Calculated Vehicle Target Weight (TVTW)	kg	2692.0

(A)
 (B)
 (C)
 (A+B+C)

Does the measured As Tested Vehicle Weight lie within the required weight range (i.e. Calculated Test Vehicle Target Weight – 4.5 kg to 9 kg)? ☒ YES ☐ NO

TEST VEHICLE ATTITUDES AND CG

	Units	As Delivered	As Tested	Fully Loaded	Meets Requirement***
Driver Door Sill Angle (front-to-rear)*	Deg.	-1.0	0.1	0.2	Yes
Front Passenger Sill Angle (front-to-rear)*	Deg.	-1.0	0.0	-0.5	Yes
Front Bumper-Line Angle (left-to-right)**	Deg.	0.1	0.0	0.0	Yes
Rear Bumper-Line Angle (left-to-right)**	Deg.	0.1	0.0	0.1	Yes
Vehicle CG (Aft of Front Axle)	mm	1542	1610	1631	
Vehicle CG (Left (+) / Right (-) from longitudinal Centerline)	mm	0	4	11	

*ND=Nose Down (-), NU=Nose Up (+) **LD=Left Down (-), LU=Left Up (+)

*** The "As Tested" vehicle attitude measurements must be equal to or between the "As Delivered" and "Fully Loaded" vehicle attitude measurements. Indicate "Yes" or "No" for "Meets Requirements".

¹ Rated cargo and luggage weight limited to 136.0 kg or 300.0 lbs

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

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025

WEIGHT OF BALLAST AND VEHICLE COMPONENTS REMOVED TO MEET TVTW

Component Description	Weight (kg)
Ballast: Steel plate	104.0
Components Removed: None	0.0

Test height adjustable suspension setting, if applicable:

N/A

TEST SURFACE MARKINGS

	Distance from 75° Impact Location Line (mm)
Fore 25 mm target	1835
Aft 25 mm target	1830

DATA SHEET NO. 2

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Tahoe

NHTSA No.: M20250108

Test Program: SPNCAP Side Impact

Test Date: 4/30/2025

SEAT POSITIONING

The driver seat, front center seat (if applicable), and right front passenger's seat should be set to the forward-most, mid-height, mid-angle position. The struck-side rear passenger's seat, rear center seat, and non-struck side rear passenger's seats should be set to the rear-most, lowest, mid-angle position.

SCRL ANGLE RANGE

Seat	SCRL(°)		
	Max.	Min.	Mid
Driver Seat	19.8	9.4	14.6
Front Passenger Seat	18.1	13.9	16.0
Front Center Seat*	N/A	N/A	N/A
Struck Side Rear Seat	Fixed	Fixed	Fixed
Non-Struck Side Rear Seat	Fixed	Fixed	Fixed
Rear Center Seat*	Fixed	Fixed	Fixed

* If applicable.

SEAT HEIGHT AND ANGLE

Seat	As Tested SCRL Angle (Mid) (°)	As Tested SCRP Height (mm)	SCRP Height Position	SCRP Height (mm)		
				Rearmost	Mid-Fore/Aft	Forward-Most
Driver Seat	14.6	272.5	Max	300	295	295
			Mid	277.5	272.5	272.5
			Min	255	250	250
Front Passenger Seat	16	325	Max	N/A	N/A	N/A
			Mid	332	330	325
			Min	N/A	N/A	N/A
Front Center Seat*	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	Max	N/A	N/A	N/A
			Mid	N/A	N/A	N/A
			Min	N/A	N/A	N/A

* If applicable.

DATA SHEET NO. 2 (CONTINUED)

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Tahoe

NHTSA No.: M20250108

Test Program: SPNCAP Side Impact

Test Date: 4/30/2025

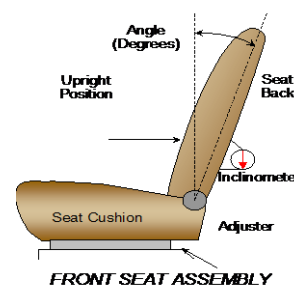
SEAT FORE/AFT POSITION

Seat	Total Fore/Aft Travel		Test Position from Forward most Position	
	mm	Detents*	mm	Detent*
Driver Seat	260	Power	0	Power
Front Passenger Seat	260	Power	0	Power
Front Center Seat*	N/A	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	N/A	N/A

* If applicable.

SEAT BACK ANGLE ADJUSTMENT

The driver's seat back is positioned such that the dummy's head is level. The front center and front passenger's seat backs are positioned in a similar manner as the driver's seat back. The struck-side rear passenger seat back is positioned in accordance with the information provided by the manufacturer on Form No. 1. For the 5th percentile female dummy in a Side NCAP MDB test. The rear center and non-struck side rear passenger's seat back is set to match the struck-side rear seat back.



Seat	Total Seat Back Angle Range		Test Position from Most Upright	
	Degrees	Detents*	Degrees	Detent*
Driver Seat w/ Seated Dummy	65.3	Power	18.8	Power
Front Passenger Seat	65.5	Power	18.8	Power
Front Center Seat*	N/A	N/A	N/A	N/A
Struck Side Rear Seat	N/A	N/A	N/A	N/A
Non-Struck Side Rear Seat	N/A	N/A	N/A	N/A
Rear Center Seat*	N/A	N/A	N/A	N/A

* If applicable.

SEAT BELT ANCHORAGE ADJUSTMENT

Seat belt anchorages are adjusted with the information provided by the manufacturer on Form No. 1

	Total # of Positions	Placed in Position #
Driver Seat	4	0

HEAD RESTRAINT ADJUSTMENT

Head restraints are adjusted to the lowest and most full forward in-use position.

	Total # of Positions	Placed in Position #
Driver Seat	4	0

DATA SHEET NO. 2 (CONTINUED)

SEAT, SEAT BELT, STEERING WHEEL ADJUSTMENT AND FUEL SYSTEMS DATA

Test Vehicle: 2025 Chevrolet Tahoe

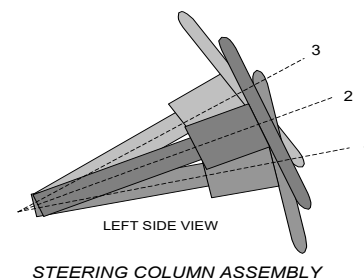
NHTSA No.: M20250108

Test Program: SPNCAP Side Impact

Test Date: 4/30/2025

STEERING COLUMN ADJUSTMENT

Steering wheel and column adjustments are made so that the steering wheel geometric locus it describes when moved through its full range of motion.

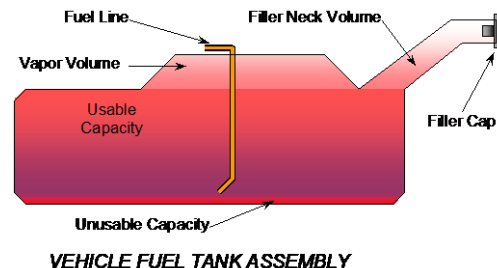


	Degrees	Fore/Aft Position, mm
Lowermost, Position No. 1	20.6	
Geometric Center, Position No. 2	22.7	
Uppermost, Position No. 3	24.8	
Telescoping Steering Wheel Travel		52
Test Position	22.7	26

FUEL PUMP

Describe the fuel pump type, details about how it operates and the location of the fuel filler neck:

Fuel pump will run for approximately 3 seconds when the key or push start button is switched to "On" position, then, it will stop and will not resume operation unless the engine is cranking or running



FUEL TANK CAPACITY

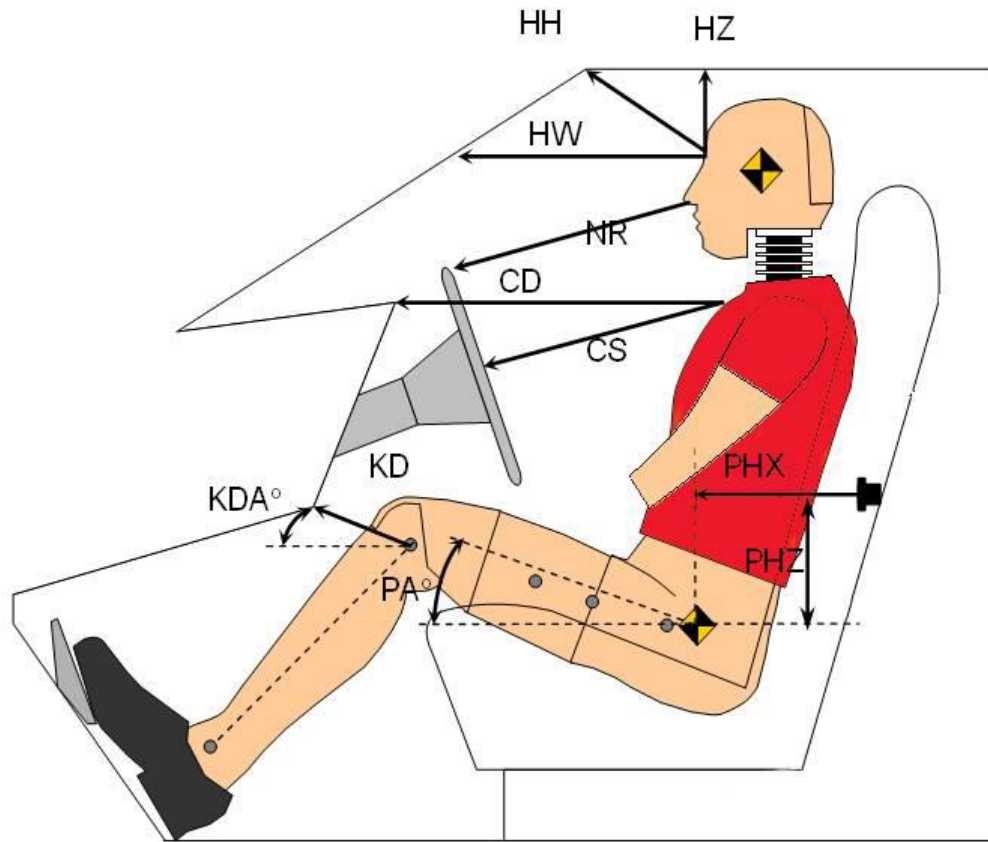
	Liters
Usable Capacity of "Standard Tank" (see Form No. 1)	90.8
Usable Capacity of "Optional" Tank (see Form No. 1)	N/A
Usable Capacity of Standard Tank (see Owner's Manual)	90.8
Usable Capacity of Optional Tank (see Owner's Manual)	N/A
93% of Usable Capacity	84.5
Actual Amount of Solvent Used in Test	84.5
1/3 of Usable Capacity	30.3

Is the Actual Amount of Solvent Used in the test equal to 93% $\pm$ 1% of the Usable Capacity stated in on Form No. 1? ☒ YES ☐ NO

DATA SHEET NO. 3
DUMMY LONGITUDINAL CLEARANCE DIMENSIONS

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025

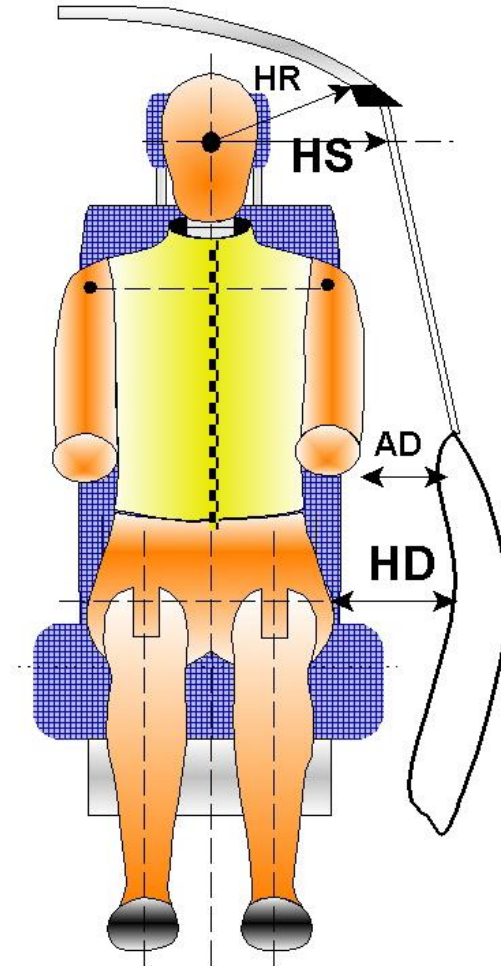


Code	Measurement Description	Driver	
		Length (mm)	Angle (°)
HH	Head to Header	389	
HW	Head to Windshield	700	
HZ	Head to Visor	285	
NR	Nose to Rim	272	
CD	Chest to Dashboard	512	
CS	Chest to Steering Wheel	219	
KDL/KDLA°	Left Knee to Dash	135	0.0
KDR/KDRA°	Right Knee to Dash	141	0.0
PAX°	Pelvic Tilt Angle (X-axis)		0.4
PAY°	Pelvic Tilt Angle (Y-axis)		19.8
PHX	Hip Point to Striker (X-Axis)	360	
PHZ	Hip Point to Striker (Z-Axis)	79	

DATA SHEET NO. 4
DUMMY LATERAL CLEARANCE DIMENSIONS

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025

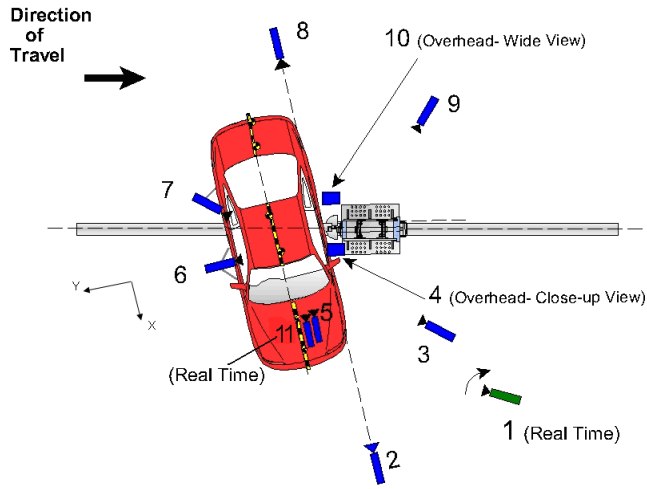


Code	Measurement Description	Length (mm)
HR	Head to Side Header	331
HS	Head to Side Window	390
AD	Arm to Door	90
HD	Hip Point to Door	169

DATA SHEET NO. 5 CAMERA AND INSTRUMENTATION DATA

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025



REFERENCE: (from point of impact for X and Y; from ground for Z)
+ X = Forward of vehicle, + Y = Right of vehicle, + Z = Down

Camera No.	View	Coordinates (mm)			Lens Length (mm)	Operating Frame Rate (fps)
		X	Y	Z		
1	Real time (24-30 fps) pan view of impact				Zoom	30
2	Front ground level – impact view	548	5722	-1754	20	1000
3	Impact side 45° – forward pole view	0	4078	-1627	8.5	1000
4	Overhead Close-up view of impact	-77	150	-4875	50	1000
5	Onboard – dummy front view				8.5	1000
6	Onboard – dummy side view				8.5	1000
7	Onboard – dummy rear oblique view				25	1000
8	Rear ground level – impact view	2960	-5869	-1656	20	1000
9	Impact side 45° – rearward pole view	326	-4273	-1808	8.5	1000
10	Overhead wide view of impact	0	0	-4881	50	1000
11	Real time dummy front view				Zoom	60

All measurements accurate to +/- 6 mm.

NOTE: Vehicle was at a 75° angle to the rigid pole.

If applicable, explain why camera(s) did not run: N/A

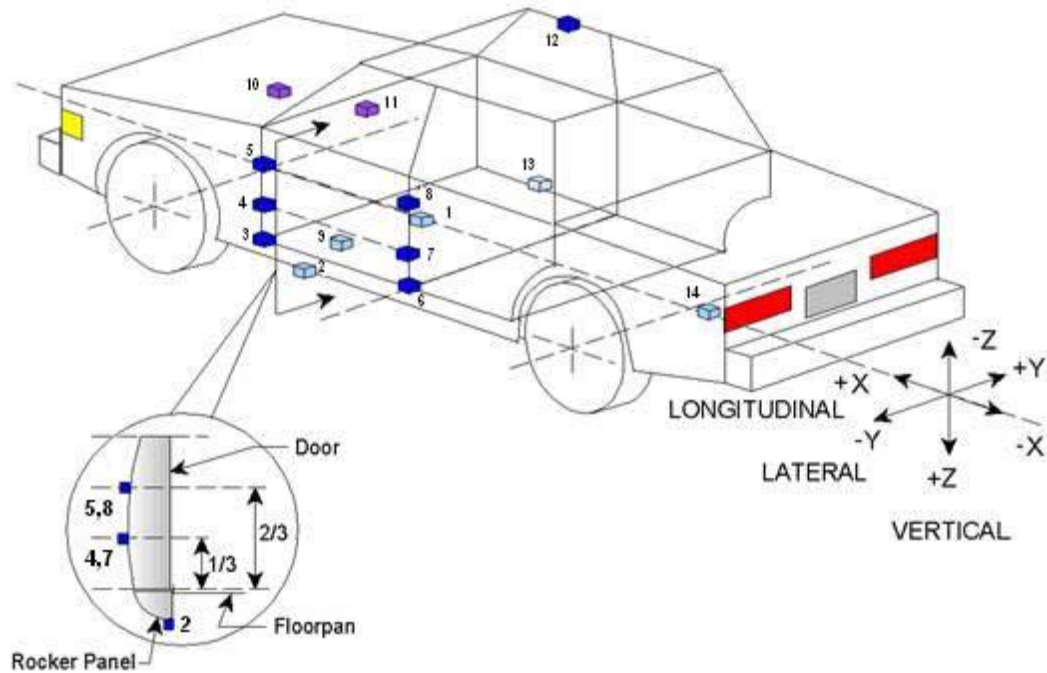
INSTRUMENTATION

	Number of Channels
Driver Dummy	16
Vehicle Structure	18
Pole Load Cells	8
TOTAL	42

DATA SHEET NO. 6
VEHICLE ACCELEROMETER DATA

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025



Accelerometer/Sensor Location				
	ID	Coordinates (mm)		
		X	Y	Z
1	Vehicle CG	3383	184	-679
2	Left Floor Sill	3343	-707	-564
3	A-Pillar Sill	3764	-785	-754
4	A-Pillar Low	3780	-910	-755
5	A-Pillar Mid	3824	-887	-1115
6	B-Pillar Sill	2490	-826	-565
7	B-Pillar Low	2640	-929	-782
8	B-Pillar Mid	2628	-915	-1111
9	Driver Seat Track	2868	-257	-709
10	Engine Top	4340	10	1181
11	Firewall	4231	-24	-1249
12	Right Roof	2931	681	-1889
13	Right Floor Sill	3363	663	-563
14	Rear Floorpan	853	-2	-794

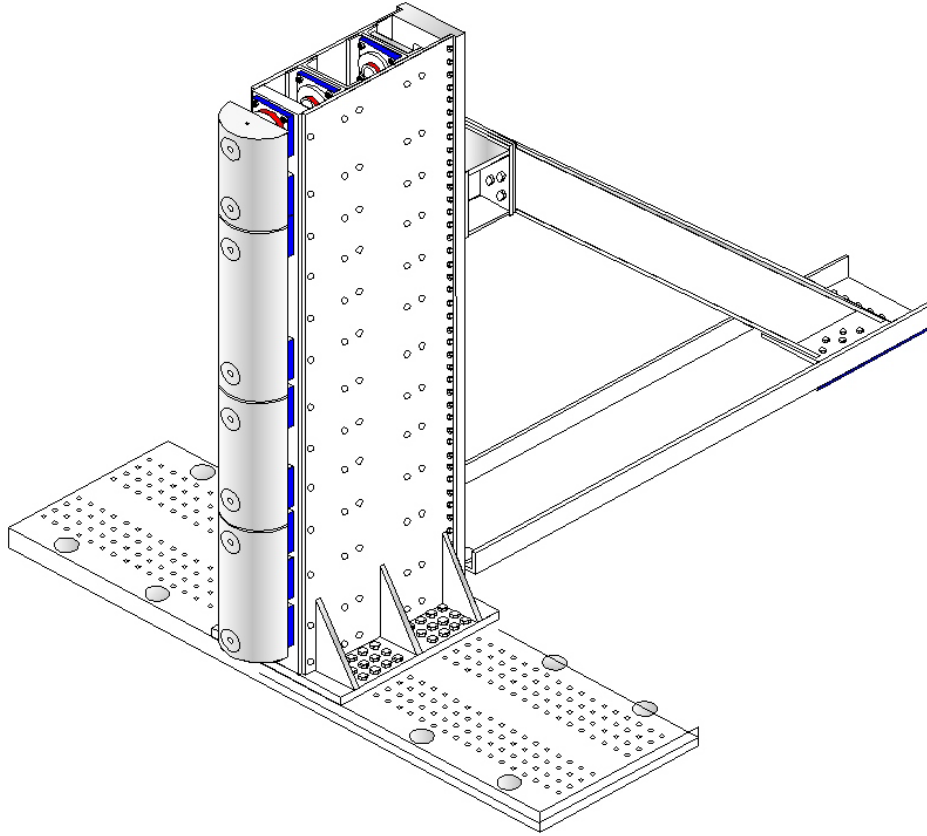
Reference: X - Test Vehicle Rear Bumper (+ forward)
Y - Test Vehicle Centerline (+ to right)
Z - Ground Plane (+ down)

DATA SHEET NO. 7
RIGID POLE LOAD CELL DATA

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025

FOIL 300K RIGID POLE



Load Cell Locations	
ID	Height From Top of Carrier (mm)
1	87
2	468
3	648
4	978
5	1168
6	1651
7	1816
8	2057

**DATA SHEET NO. 8
POST-TEST OBSERVATIONS**

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025

TEST DUMMY INFORMATION AND CONTACT POINTS

Dummy Body Part	Driver SID-IIs Dummy
Face	SCAB, Frontal Airbag
Top of Head	SCAB
Left Side of Head	SCAB
Back of Head	Head Rest, SCAB
Left Shoulder	SAB
Upper Torso	SAB
Lower Torso	SAB
Left Hip	SAB
Left Knee	Door Panel

POST-TEST DOOR PERFORMANCE

Description	Struck Side		Non-Struck Side		Rear Hatch/ Other Door
	Front	Rear	Front	Rear	
Remained Closed and Operational	No	No	Yes	Yes	Yes
Total Separation from Vehicle at Hinges or Latches	No	No	No	No	No
Latch or Hinge Systems Pulled Out of Their Anchorages	No	No	No	No	No
Disengaged from Latched Position	No	No	No	No	No
Latch Separated from Striker	No	No	No	No	No
Jammed Shut	Yes	Yes	No	Yes	No
If Door Opened at Striker, Record Width of Opening at Striker (mm)	N/A	N/A	N/A	N/A	N/A

POST-TEST SEAT PERFORMANCE

Description	Struck Side		Non-Struck Side	
	Front	Rear	Front	Rear
Seat Movement Along Seat Track	No	No	No	No
Seat Disengagement from Floor pan	No	No	No	No
Seat Back Movement from Initial Position	Yes	No	No	No
Seat Back Collapse	No	No	No	No

POST-TEST STRUCTURAL OBSERVATIONS

Critical Areas of Performance	Observations and Conclusions
Pillar Performance	Good
Sill Separation	None
Windshield Damage	Cracked
Side Window Damage	Broken
Other Notable Effects	Seat back moved post event because of the controls being hit

DATA SHEET NO. 8 (CONTINUED)
POST-TEST OBSERVATIONS

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025

SUPPLEMENTAL RESTRAINT SYSTEM INFORMATION

Restraint Type	Struck Side (Driver)		Struck Side (Rear Passenger)	
	Mounted	Deployed	Mounted	Deployed
Front Airbag	Yes	Yes		
Knee Airbag	No	N/A		
Side Curtain Airbag	Yes	Yes	Yes	Yes
Side Torso/Pelvis Airbag	Yes	Yes	No	N/A
Side Torso Airbag	No	N/A	No	N/A
Seat Belt Pretensioner	Yes	Yes	Yes	Yes
Seat Belt Load Limiter	Yes	No	Yes	No
Other: Center Seat Airbag	Yes	Yes	No	N/A

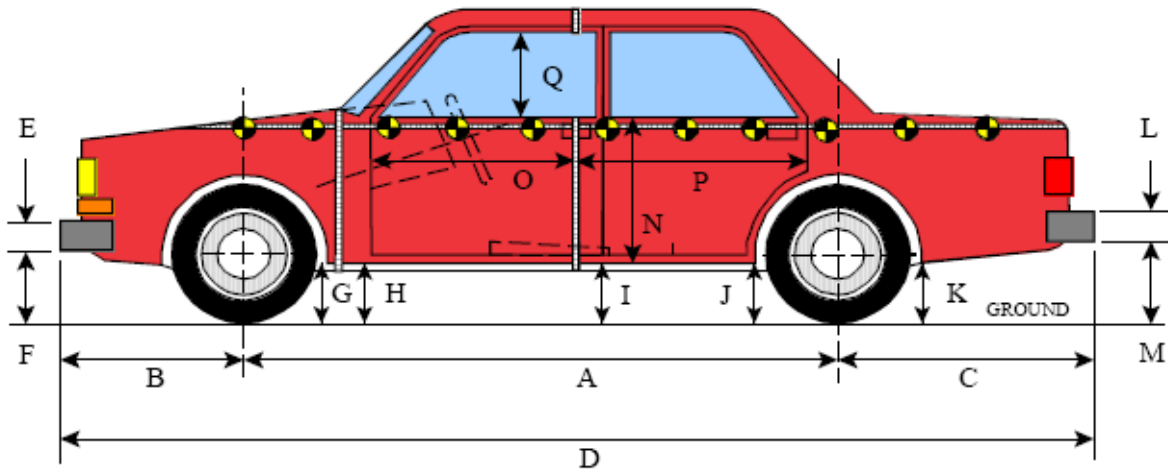
VEHICLE SPEED, VEHICLE ANGLE AT IMPACT AND IMPACT POINT LOCATION DATA

Measured Parameter	Units	Tolerance	Value
Vertical Impact Reference Line (Aft of Front Axle) (Intended Impact Point)	mm		1240
Actual Impact Point (Aft of Front Axle)	mm		1240
Horizontal Offset (+ forward / - rearward)	mm	+/- 38 of Intended Impact point	0
Angle Between Vehicle's Longitudinal Centerline and Line of Motion	degrees	75 +/- 3	75
Trap No. 1 Velocity (Primary)	km/h	31.4 to 33.0	31.91
Trap No. 2 Velocity (Redundant)	km/h	31.4 to 33.0	31.92

DATA SHEET NO. 9
VEHICLE PROFILE MEASUREMENTS

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025



LEFT SIDE VIEW

All MEASUREMENTS IN (mm) WITH TOLERANCE OF ± 3 mm

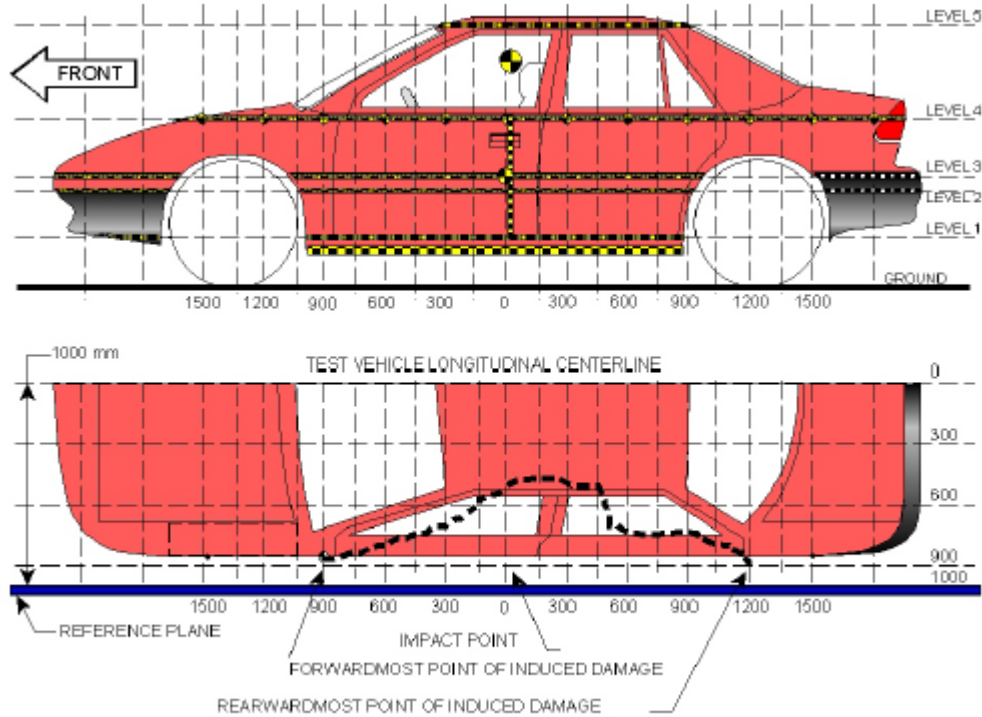
VEHICLE PRE- AND POST-TEST MEASUREMENT INFORMATION

Code	Measurement Description	Pre-Test	Post-Test	Change
A	Wheelbase	3067	3075	8
B	Front Axle to Front Surface of Vehicle	966	939	-27
C	Rear Axle to Rear Surface of Vehicle	1331	1315	-16
D	Total Length at Centerline	5364	5329	-35
E	Front Bumper Thickness	115	115	0
F	Front Bumper Bottom to Ground	686	574	-112
G	Sill Height at Front Wheel Well	558	552	-6
H	Sill Height at Front Door Leading Edge	560	591	31
I	Sill Height at B-Pillar	590	632	42
J1	Sill Height at Rear Wheel Well	598	648	50
J2	Pinch Weld Height at Rear Wheel Well	237	257	20
K	Sill Height Aft of Rear Wheel Well	613	667	54
L	Rear Bumper Thickness	128	128	0
M	Rear Bumper Bottom to Ground	622	664	42
N	Sill Height to Bottom of Front Window Sill	927	935	8
O	Front Door Leading Edge to Impact CL	660	582	-78
P	Rear Door Trailing Edge to Impact CL	1473	1333	-140
Q	Front Window Opening	490	456	-34
R	Right Side Length	5197	5192	-5
S	Left Side Length	5195	5173	-22
T	Vehicle Width at B-Pillars	2055	1980	-75
U	Front Wheel Track Width	1743	1758	15
V	Rear Wheel Track Width	1738	1720	-18

DATA SHEET NO. 10
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025



NOTE: All measurements are in millimeters (mm)

MAXIMUM EXTERIOR CRUSH MEASUREMENTS

Level	Measurement Description	Height Above Ground	Maximum Exterior Static Crush	Distance from Impact
1	Sill Top	-571	329	-150
2	Occupant H-Point	-893	364	-150
3	Mid-Door	-958	360	-150
4	Window Sill	-1305	317	-150
5	Window Top	-1873	113	-150

NOTE: The above measurements should be taken along the vertical impact reference line. Vehicle measurements forward of the vertical impact reference line are negative.

DATA SHEET NO. 10 (CONTINUED)
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
Test Date: 4/30/2025

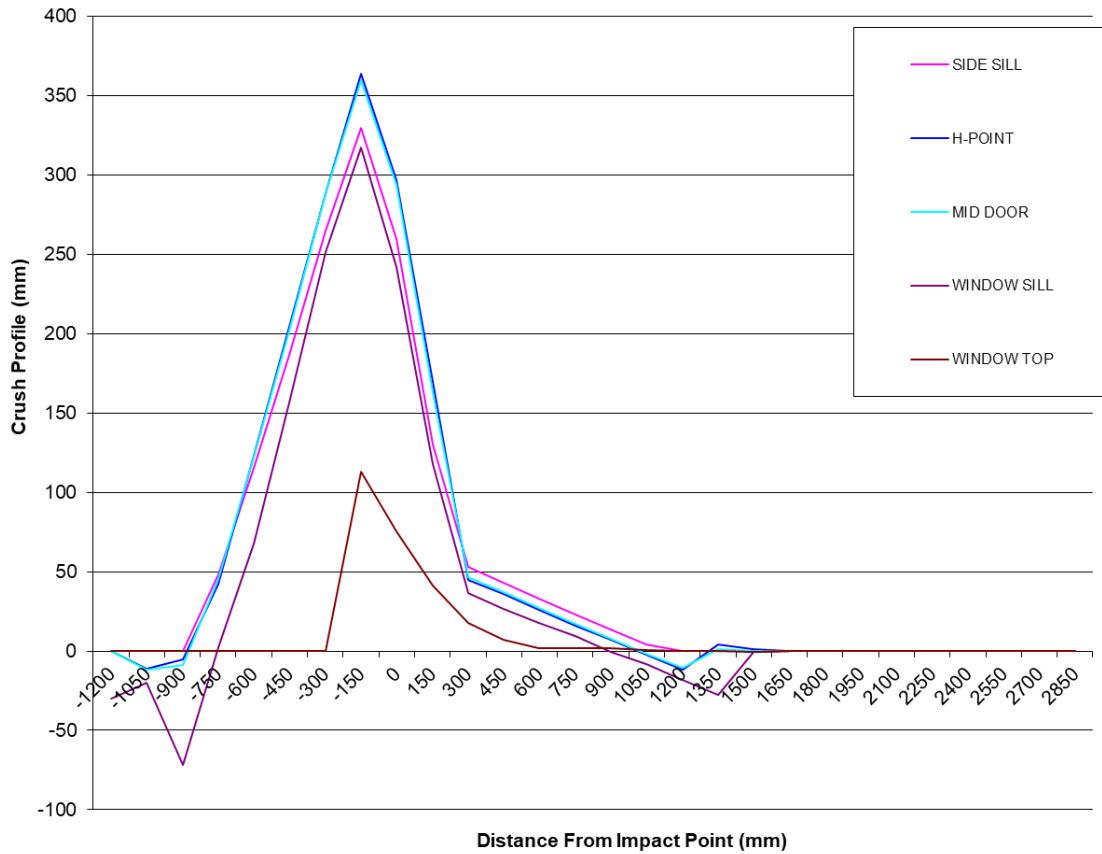
	Pre-Test					Post-Test					Crush				
	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
-1350	0	1016	0	901	0	0	1050	0	948	0	0	-34	0	-47	0
-1200	0	1016	0	910	0	0	1038	0	940	0	0	-22	0	-30	0
-1050	0	1016	1017	916	0	0	1027	1029	936	0	0	-11	-12	-20	0
-900	1003	1010	1012	922	0	1027	1016	1021	994	0	-24	-6	-9	-72	0
-750	994	1007	1008	927	0	946	965	963	925	0	48	42	45	2	0
-600	992	1006	1006	930	0	877	883	884	862	0	115	123	122	68	0
-450	993	1006	1006	935	0	807	802	804	778	0	186	204	202	157	0
-300	994	1006	1006	939	0	729	717	717	688	0	265	289	289	251	0
-150	994	1007	1007	943	689	665	643	647	626	576	329	364	360	317	113
0	996	1008	1008	946	700	736	711	714	704	625	260	297	294	242	75
150	997	1009	1009	949	706	866	840	846	831	665	131	169	163	118	41
300	997	1010	1009	950	706	943	966	963	914	688	54	44	46	36	18
450	995	1010	1010	951	706	953	974	973	924	699	42	36	37	27	7
600	994	1010	1010	951	705	961	984	982	933	703	33	26	28	18	2
750	994	1010	1010	952	705	971	994	992	942	703	23	16	18	10	2
900	993	1011	1011	950	705	979	1004	1003	950	703	14	7	8	0	2
1050	995	1014	1014	949	703	991	1017	1016	957	702	4	-3	-2	-8	1
1200	0	1018	1018	946	699	0	1030	1029	965	699	0	-12	-11	-19	0
1350	0	1017	1018	944	694	0	1013	1017	972	694	0	4	1	-28	0
1500	0	1017	0	941	685	0	1016	0	941	686	0	1	0	0	-1

NOTE: Pre-test measurements are taken when the vehicle is in the “As Tested” weight condition. Vehicle measurements forward of the vertical impact reference line are negative. The crush profile grid is established prior to the test based on an estimated impact point. The final distance from impact is determined after the final dummy positioning and the pole is aligned with the center of gravity of the dummy’s head.

DATA SHEET NO. 10 (CONTINUED)
VEHICLE EXTERIOR CRUSH MEASUREMENTS

Test Vehicle: 2025 Chevrolet Tahoe
Test Program: SPNCAP Side Impact

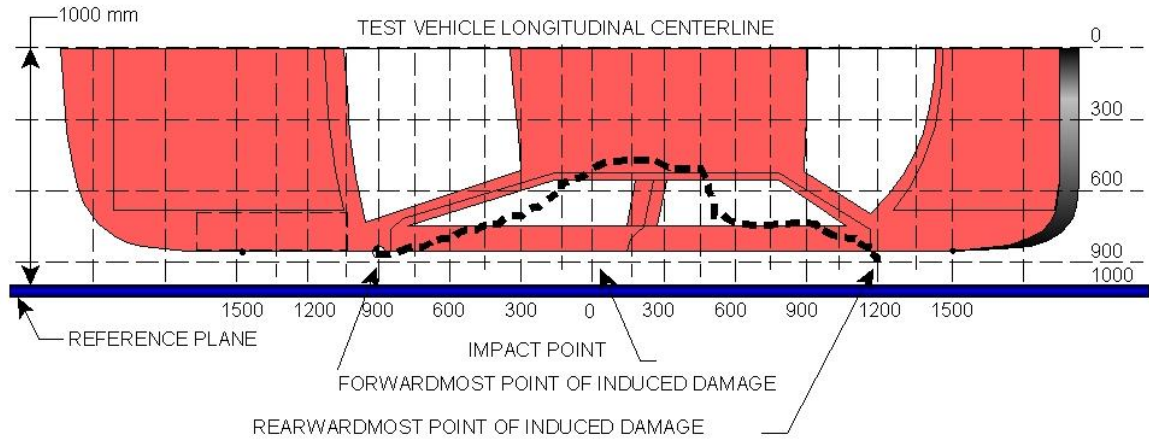
NHTSA No.: M20250108
Test Date: 4/30/2025



DATA SHEET NO. 11
VEHICLE DAMAGE PROFILE DISTANCES

Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025



VEHICLE DAMAGE PROFILE DISTANCES

DPD	Distance From Impact Point (mm)	Level	Post-Test (mm)	Pre-Test (mm)	Crush (mm)
1 ¹	1500	2	1016	1017	1
2	1050	1	991	995	4
3	600	1	961	994	33
4	150	2	840	1009	169
5	-300	2	717	1006	289
		3	717	1006	
6 ¹	-750	1	946	994	0

¹ DPD 6 is defined as zero crush since the crush does not extend to the end of the vehicle.

DATA SHEET NO. 12

FMVSS NO. 301 FUEL SYSTEM INTEGRITY POST-IMPACT DATA

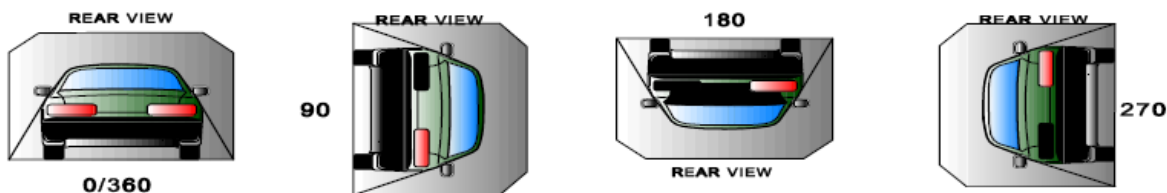
Test Vehicle: 2025 Chevrolet Tahoe
 Test Program: SPNCAP Side Impact

NHTSA No.: M20250108
 Test Date: 4/30/2025

Test Time: 16:05 Temperature: 21.8°C

- A. From impact until vehicle motion ceases: 0 oz.
 (Maximum allowable is 1 ounce)
- B. For the 5 minute period after motion ceases: 0 oz.
 (Maximum allowable is 5 ounces)
- C. For the following 25 minutes: 0 oz.
 (Maximum allowable is 1 ounce/minute)
- D. Spillage Details: None

FMVSS 301 STATIC ROLLOVER DATA



ROLLOVER SOLVENT COLLECTION TIME TABLE IN SECONDS

Test Phase	Rotation Time	Hold Time	Total Time
0 to 90	90	330	420
90 to 180	90	330	840
180 to 270	90	330	1260
270 to 360	90	330	1680

FMVSS NO. 301 ROLLOVER SPILLAGE TABLE

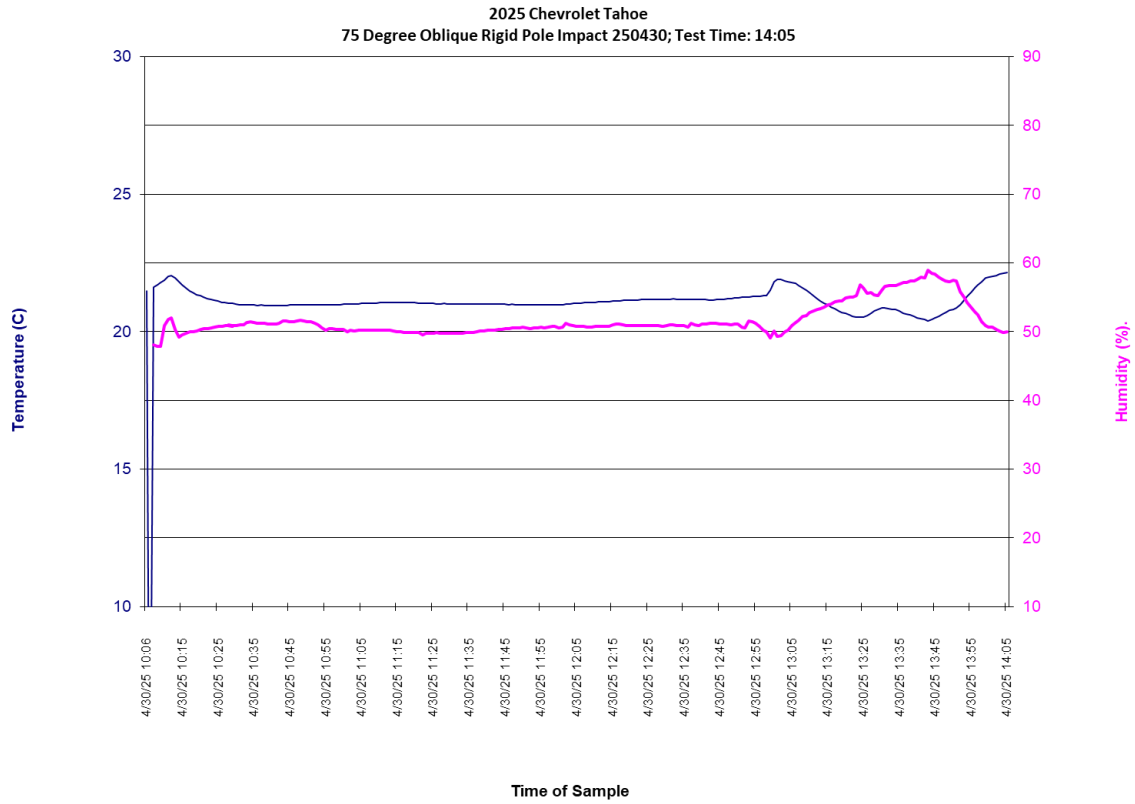
Test Phase	First 5 Minutes	Sixth Minute	Seventh Minute	Eighth Minute
0 to 90	0	0	0	0
90 to 180	0	0	0	0
180 to 270	0	0	0	0
270 to 360	0	0	0	0

ROLLOVER SOLVENT SPILLAGE LOCATION TABLE

Test Phase	Spillage Location
0 to 90	None
90 to 180	None
180 to 270	None
270 to 360	None

DATA SHEET NO. 13
DUMMY/VEHICLE TEMPERATURE AND HUMIDITY STABILIZATION DATA

Test Vehicle: 2025 Chevrolet Tahoe NHTSA No.: M20250108
Test Program: SPNCAP Side Impact Test Date: 4/30/2025



APPENDIX A
PHOTOGRAPHS

TABLE OF PHOTOGRAPHS

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2	As Delivered Left Rear $\frac{3}{4}$ View of Test Vehicle	A-4
3	Pre-Test Frontal View of Test Vehicle	A-5
4	Post-Test Frontal View of Test Vehicle	A-5
5	Pre-Test Left Front $\frac{3}{4}$ View of Test Vehicle	A-6
6	Post-Test Left Front $\frac{3}{4}$ View of Test Vehicle	A-6
7	Pre-Test Left Side View of Test Vehicle	A-7
8	Post-Test Left Side View of Test Vehicle	A-7
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17	Pre-Test Left Side View of Pole Positioned Against Side of Vehicle	A-12
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19	Pre-Test Close-Up View of Impact Point Target	A-13
20	Post-Test Close-Up View of Impact Point Target Showing Impact Location	A-13
21	Pre-Test Front Close-Up View of Dummy Head and Chest	A-14
22	Post-Test Front Close-Up View of Dummy	A-14
23	Pre-Test Left Side View of Dummy Showing Belt and Chalking	A-15
24	Pre-Test Left Side View of Dummy Shoulder and Door Top View	A-16
25	Post-Test Left Side View of Dummy Shoulder and Door Top View	A-16
26	Pre-Test Front View of Seat Back Prior to Dummy Positioning	A-17
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28	Pre-Test Front View of Seat Pan Prior to Dummy Positioning	A-18
29	Pre-Test Overhead View of Dummy Thighs on Seat Pan	A-18
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38	Pre-Test Close-Up Left Side View of Driver Seat Back	A-23
39	Pre-Test Close-Up View of Driver Seat Back or Head Restraint	A-23
40	Pre-Test Dummy and Door Clearance View	A-24
41	Post-Test Dummy and Door Clearance View	A-24
42	Pre-Test Right Side View of Dummy and Front Seat of Occupant Compartment	A-25
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45	Post-Test Inner Driver Door Panel View Showing Dummy Contact Location	A-26
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48	Post-Test Dummy Close-Up Torso Contact with Vehicle Interior View	A-28
49	Post-Test Dummy Close-Up Torso Contact with Side Airbag View	A-29
50	Post-Test Dummy Close-Up Pelvis Contact with Vehicle Interior View	A-29
51	Post-Test Dummy Close-Up Pelvis Contact with Side Airbag View	A-30
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54	Post-Test Inner Rear Passenger Torso Air Bag Deployment View	A-31
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56	Post-Test View of Fuel Filler Cap or Fuel Filler Neck	A-32
57	Close-Up View of Vehicle's Certification Label	A-33
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59	Pre-Test Pole Barrier Front View	A-34
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62	Post-Test Pole Barrier Side View	A-35
63	Pre-Test Ballast View	A-36
64	Post-Test Primary and Redundant Speed Trap Read-Out	A-36
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66	FMVSS No. 301 Static Rollover 90 Degrees	A-37
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68	FMVSS No. 301 Static Rollover 270 Degrees	A-38
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71	Monroney Label	A-40
72	Head Restraint Use and Adjustment Information from Vehicle Owner's Manual	A-40
73	Post-Test View of Shattered Vehicle Inner Door Panel	A-41



No. 001 As Delivered Right Front $\frac{3}{4}$ View of Test Vehicle



No. 002 As Delivered Left Rear $\frac{3}{4}$ View of Test Vehicle



No. 003 Pre-Test Frontal View of Test Vehicle



No. 004 Post-Test Frontal View of Test Vehicle



No. 005 Pre-Test Left Front $\frac{3}{4}$ View of Test Vehicle



No. 006 Post-Test Left Front $\frac{3}{4}$ View of Test Vehicle



No. 007 Pre-Test Left Side View of Test Vehicle



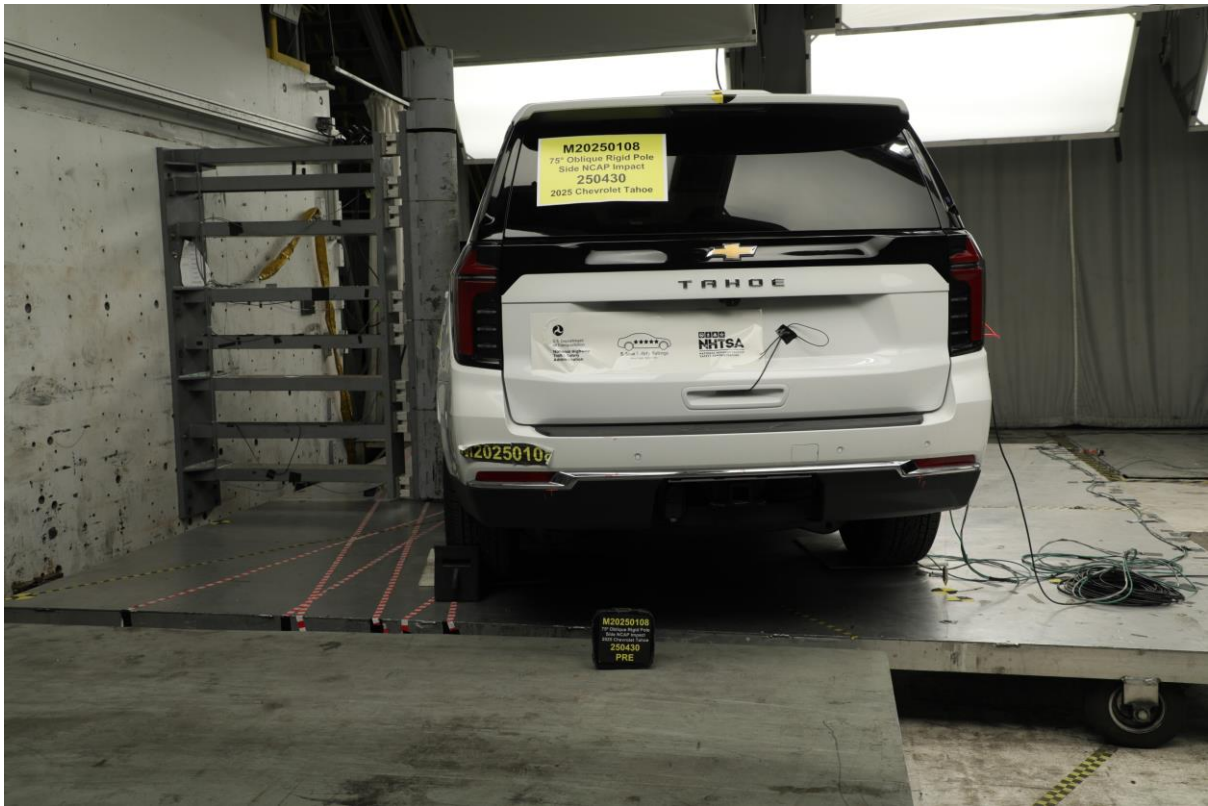
No. 008 Post-Test Left Side View of Test Vehicle



No. 009 Pre-Test Left Rear $\frac{3}{4}$ View of Test Vehicle



No. 010 Post-Test Left Rear $\frac{3}{4}$ View of Test Vehicle



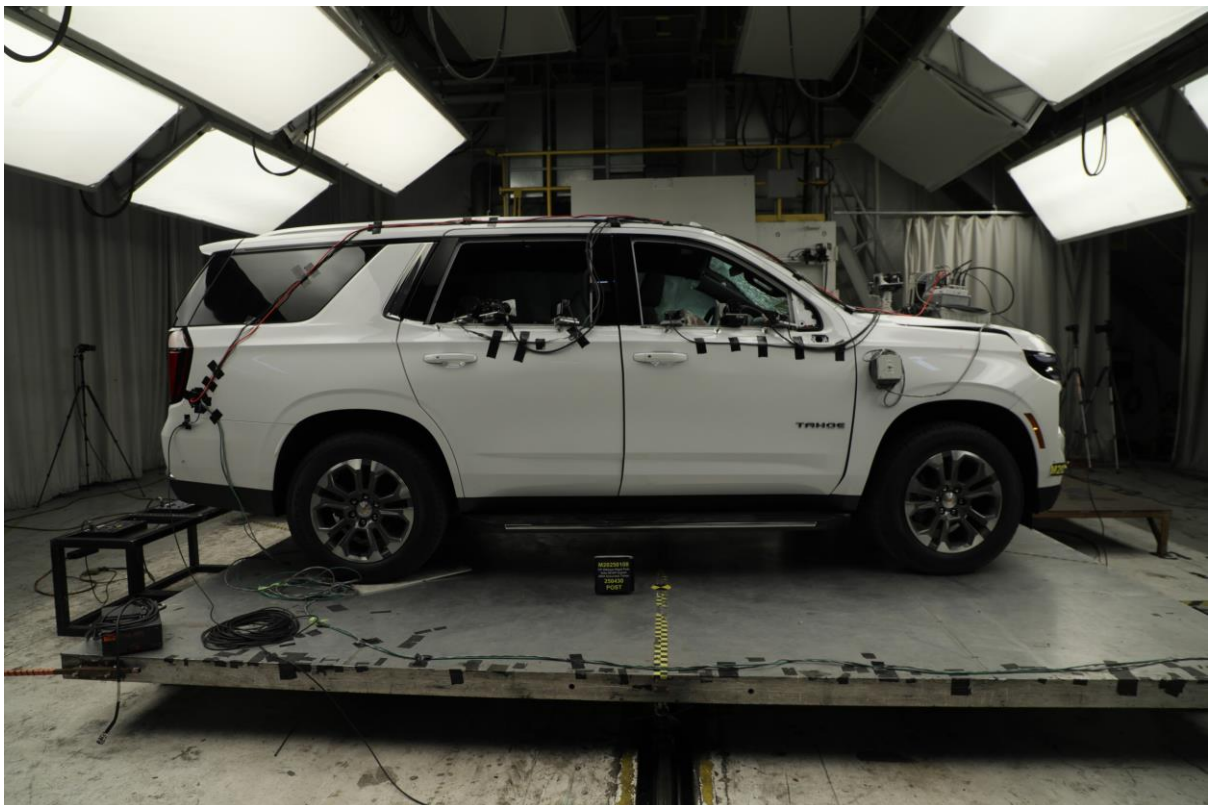
No. 011 Pre-Test Rear View of Test Vehicle



No. 012 Post-Test Rear View of Test Vehicle



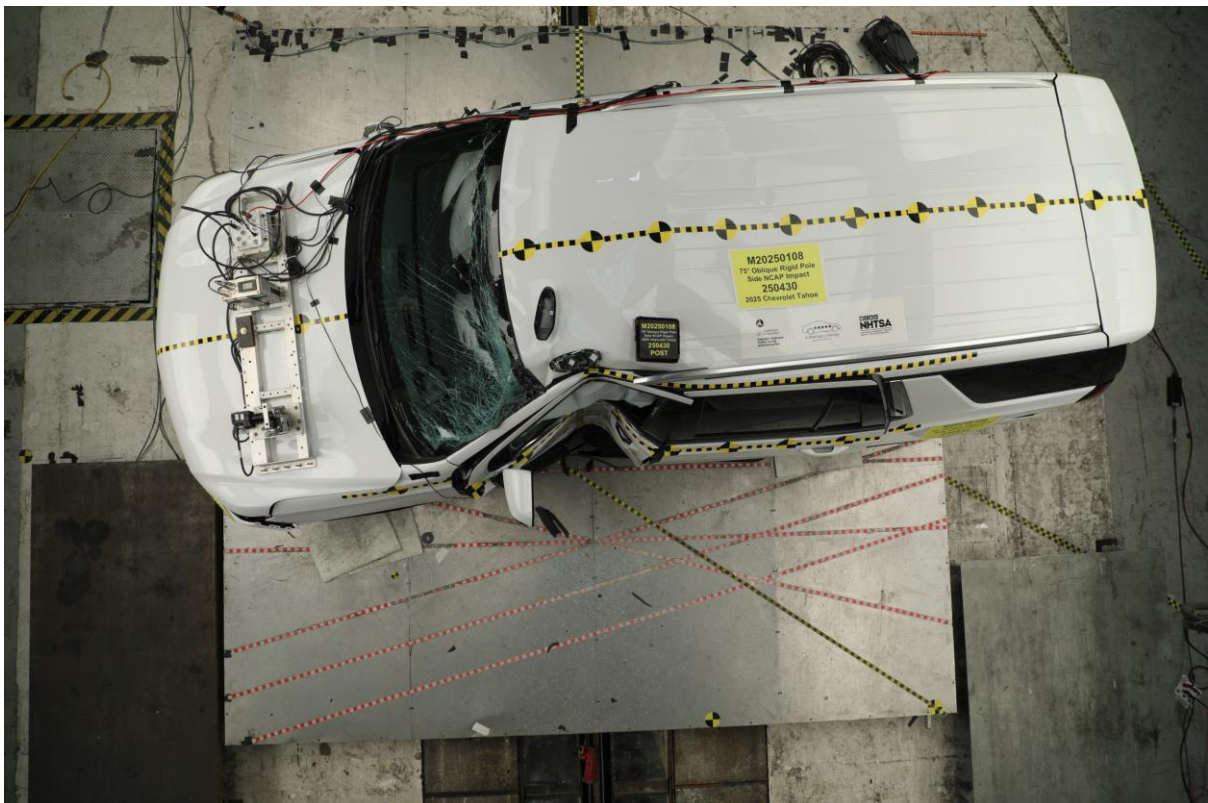
No. 013 Pre-Test Right Side View of Test Vehicle



No. 014 Post-Test Right Side View of Test Vehicle



No. 015 Pre-Test Overhead View of Test Area



No. 016 Post-Test Overhead View of Test Area



No. 017 Pre-Test Left Side View of Pole Positioned Against Side of Vehicle



No. 018 Pre-Test Right Side View of Pole Positioned Against Side of Vehicle



No. 019 Pre-Test Close-Up View of Impact Point Target



No. 020 Post-Test Close-Up View of Impact Point Target Showing Impact Location



No. 021 Pre-Test Front Close-Up View of Dummy Head and Chest



No. 022 Post-Test Front Close-Up View of Dummy



No. 023 Pre-Test Left Side View of Dummy Showing Belt and Chalking

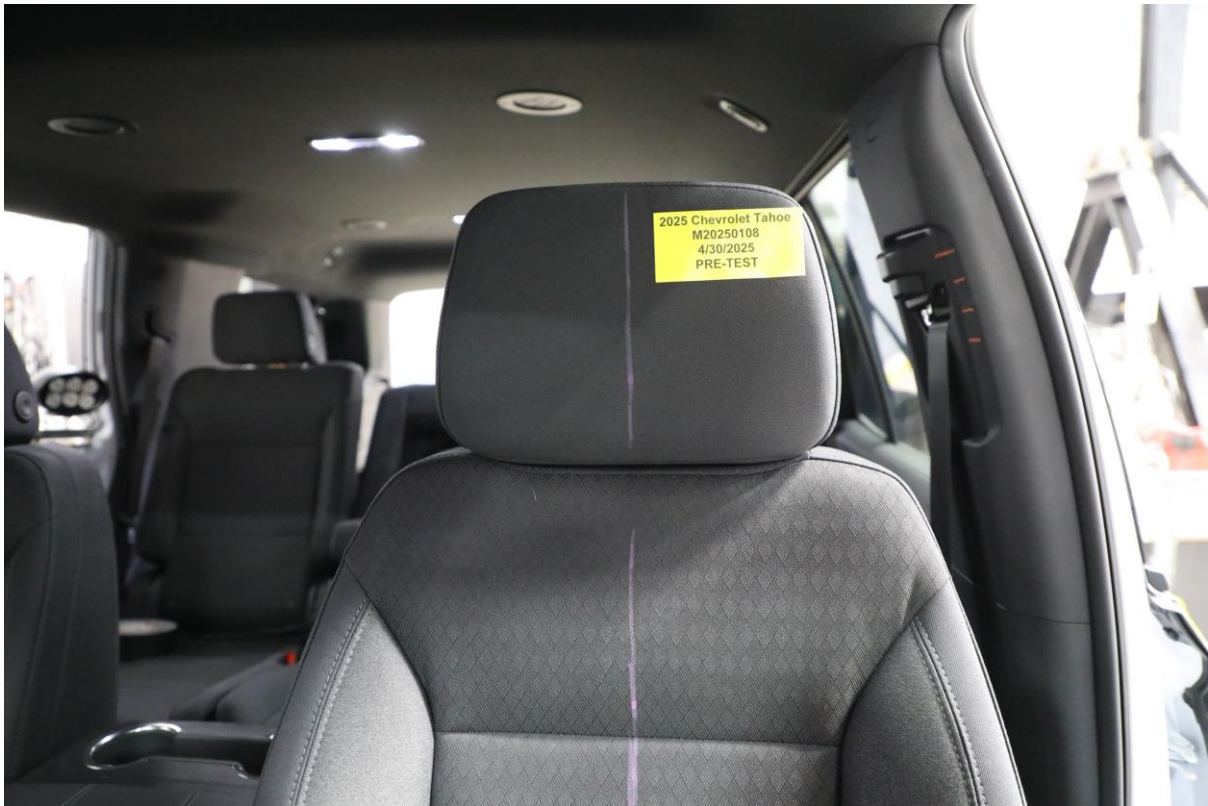
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No. 024 Pre-Test Left Side View of Dummy Shoulder and Door Top View



No. 025 Post-Test Left Side View of Dummy Shoulder and Door Top View



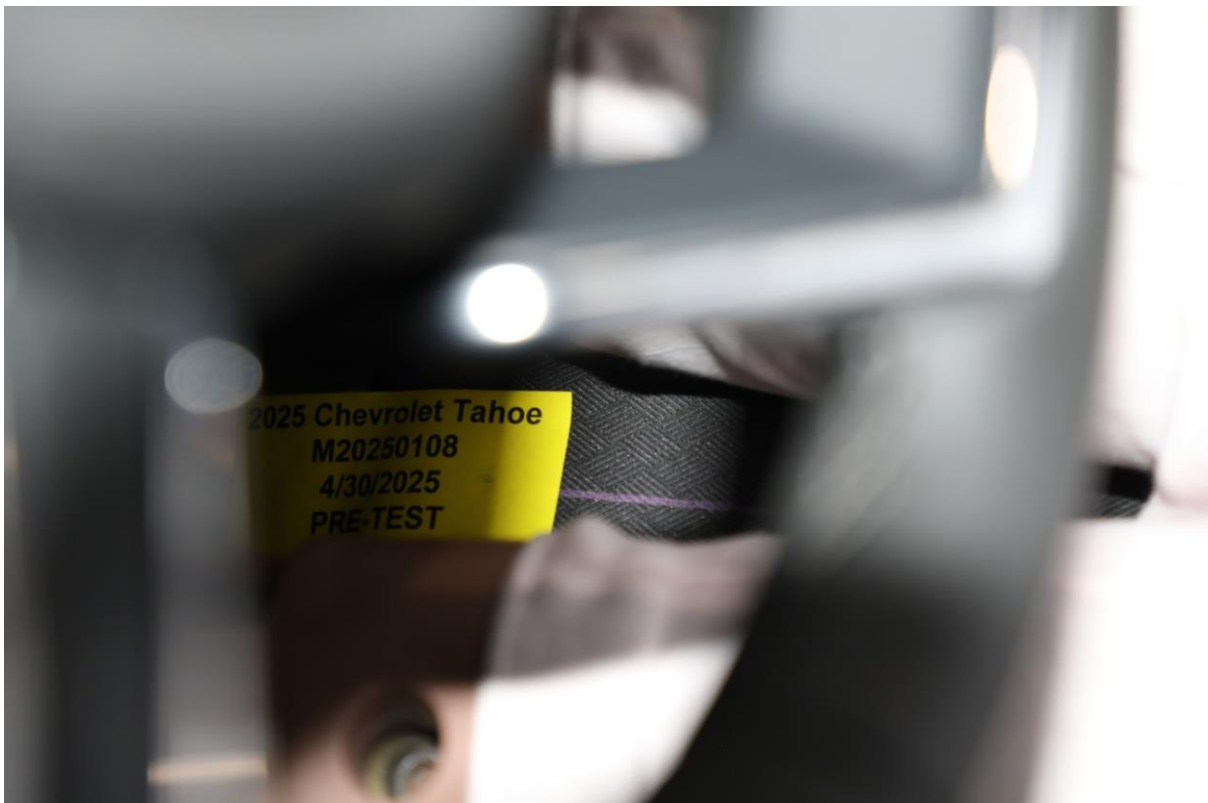
No. 026 Pre-Test Front View of Seat Back Prior to Dummy Positioning



No. 027 Pre-Test Front Close-Up View of Dummy Head and Shoulders in Relation to Head Restraint



No. 028 Pre-Test Front View of Seat Pan Prior to Dummy Positioning



No. 029 Pre-Test Overhead View of Dummy Thighs on Seat Pan



No. 030 Pre-Test Left Side View of Dummy Neck Showing Position of Adjustable Neck Bracket



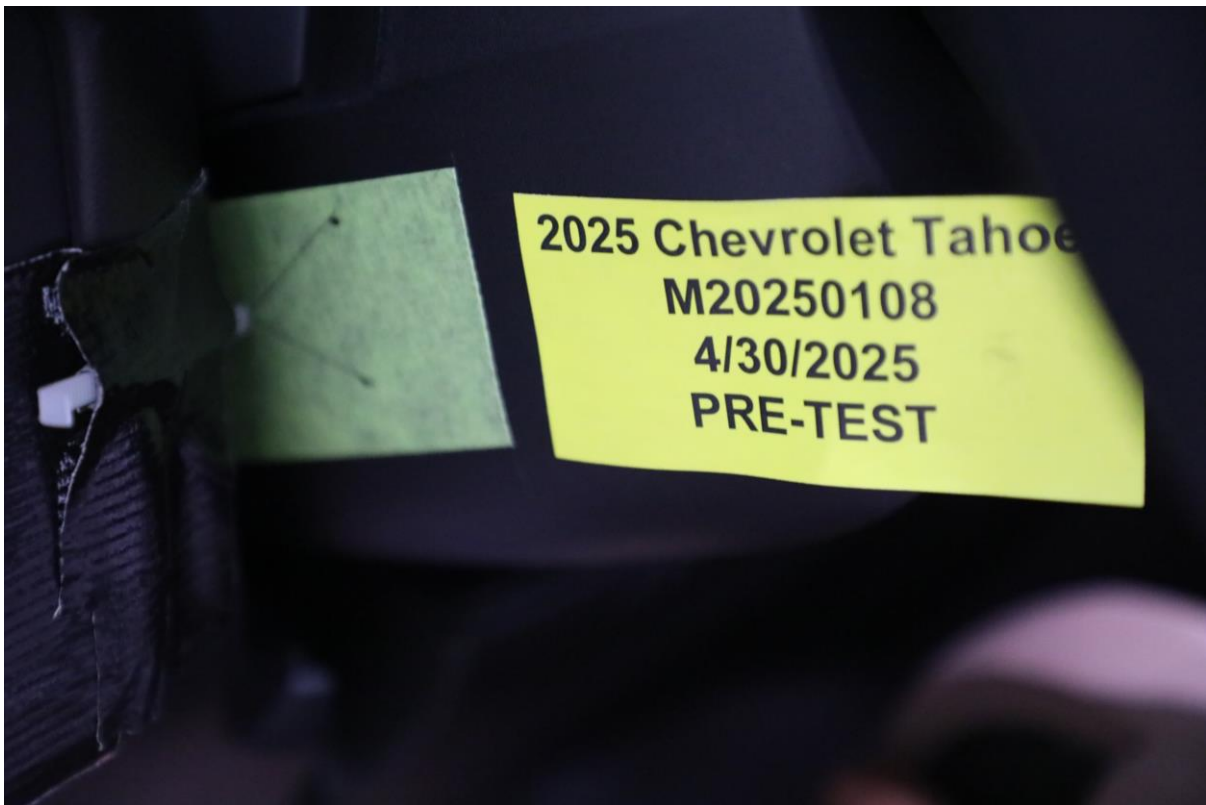
No. 031 Pre-Test Left Side View of Dummy Head Showing Dummy Head is Level



No. 032 Pre-Test Placement of Dummy Feet



No. 033 Pre-Test View of Belt Anchorage for Dummy



No. 034 Pre-Test Left Side View of Steering Wheel



No. 035 Pre-Test View of Disengaged Parking Brake



No. 036 Pre-Test View of Parking Brake



No. 037 Pre-Test Close-Up Left Side View of Driver Seat Track



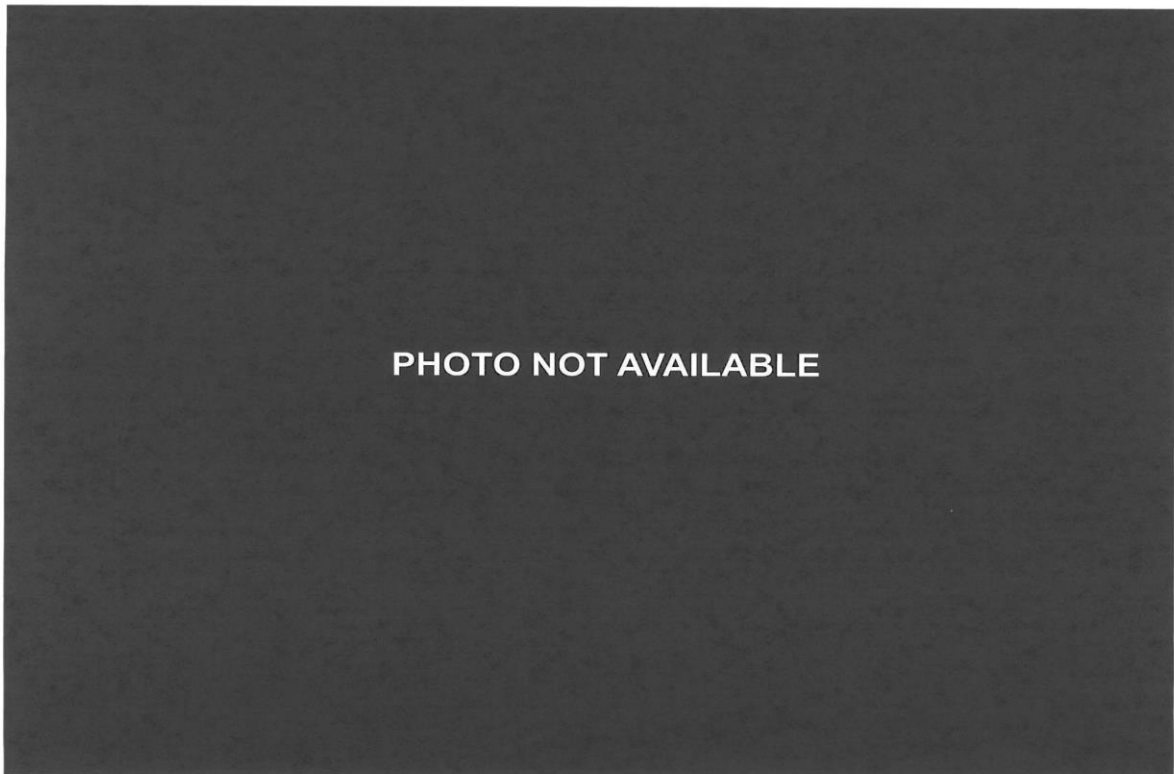
No. 038 Pre-Test Close-Up Left Side View of Driver Seat Back



No. 039 Pre-Test Close-Up View of Driver Seat Back or Head Restraint



No. 040 Pre-Test Dummy and Door Clearance View



No. 041 Post-Test Dummy and Door Clearance View



No. 042 Pre-Test Right Side View of Dummy and Front Seat of Occupant Compartment



No. 043 Post-Test Right Side View of Dummy and Front Seat of Occupant Compartment



No. 044 Pre-Test Inner Door Panel View



No. 045 Post-Test Inner Door Panel View Showing Dummy Contact Location



No. 046 Post-Test Dummy Close-Up Head Contact with Vehicle Interior View

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No. 047 Post-Test Dummy Close-Up Head Contact with Side Airbag View



No. 048 Post-Test Dummy Close-Up Torso Contact with Vehicle Interior View



No. 049 Post-Test Dummy Close-Up Torso Contact with Side Airbag View



No. 050 Post-Test Dummy Close-Up Pelvis Contact with Vehicle Interior View



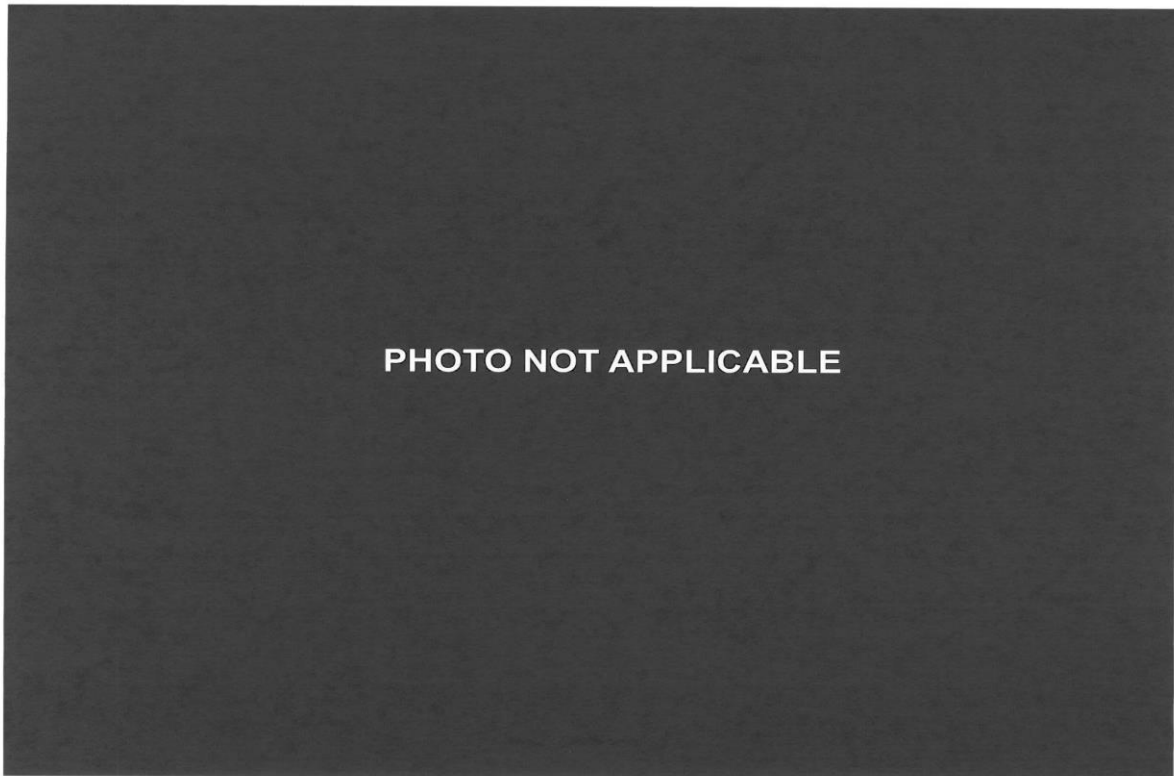
No. 051 Post-Test Dummy Close-Up Pelvis Contact with Side Airbag View



No. 052 Post-Test Dummy Close-Up Knee Contact with Vehicle Interior View



No. 053 Post-Test Right Side View of Dummy and Rear Seat of Occupant Compartment



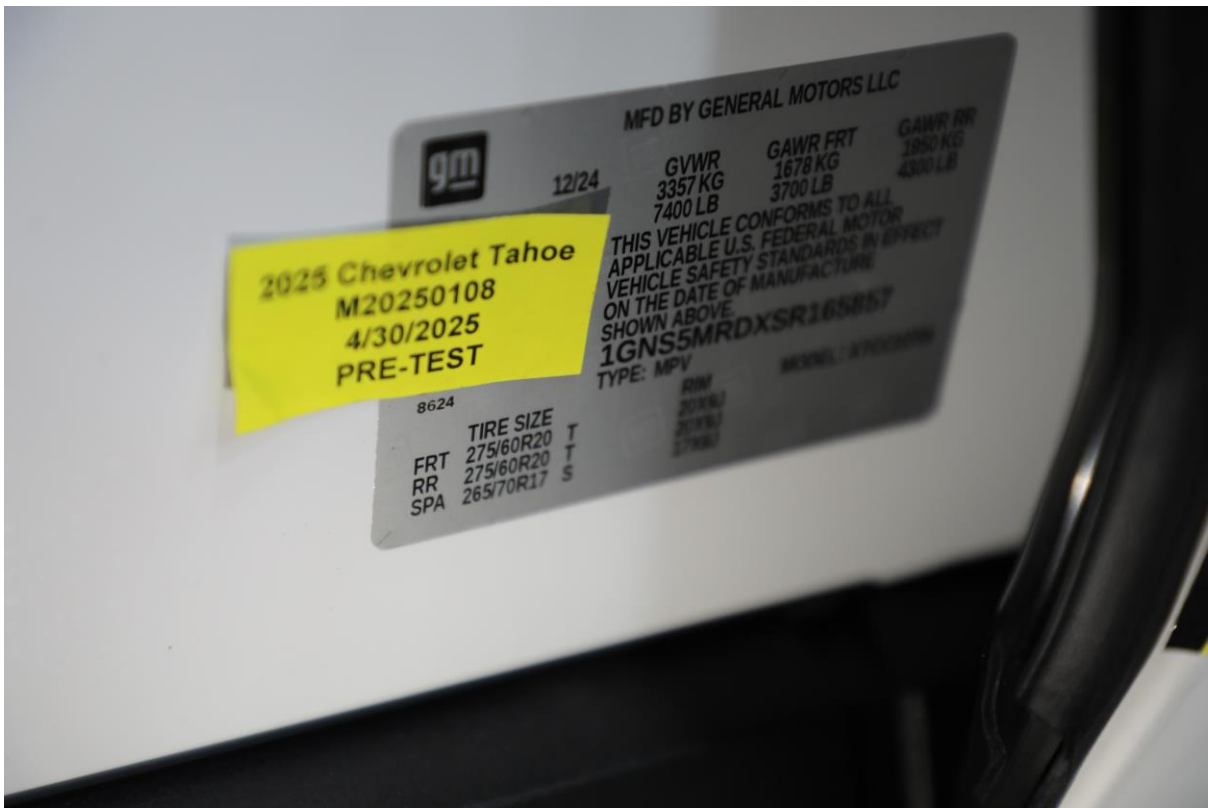
No. 054 Post-Test Inner Rear Passenger Torso Air Bag Deployment View



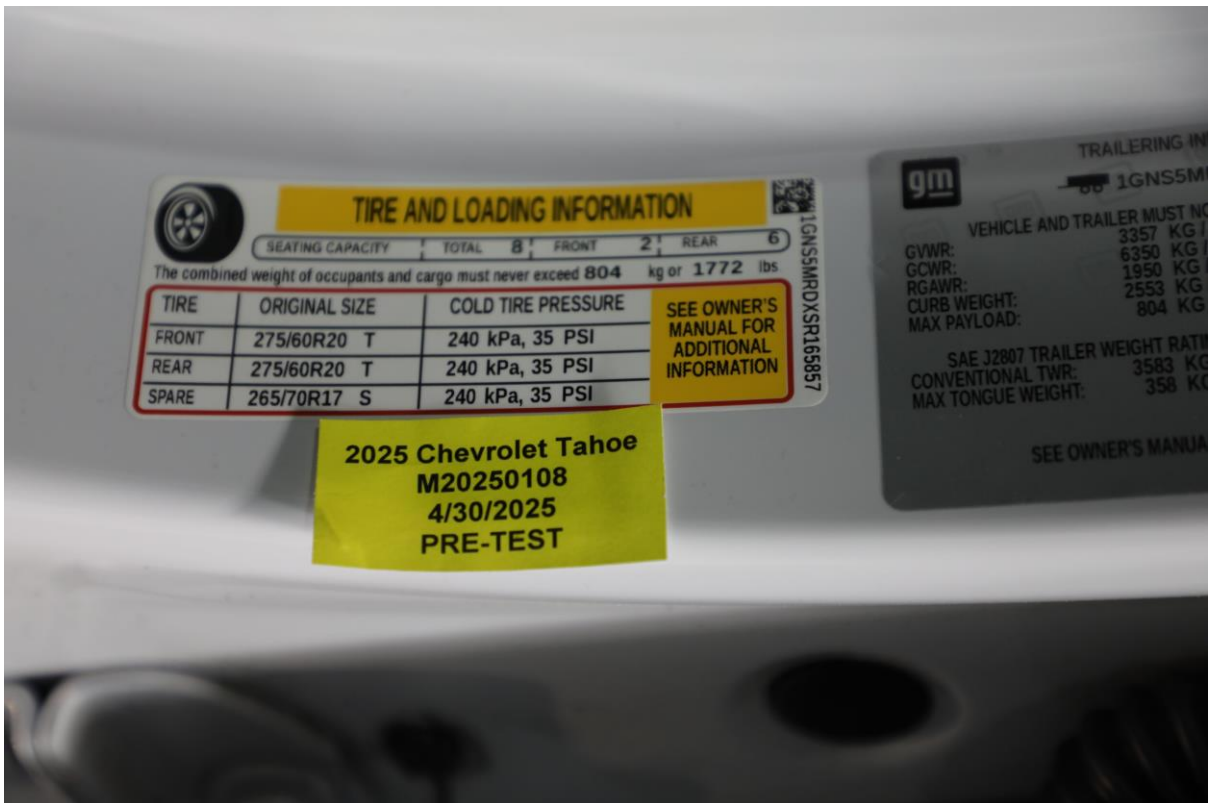
No. 055 Pre-Test View of Fuel Filler Cap or Fuel Filler Neck



No. 056 Post-Test View of Fuel Filler Cap or Fuel Filler Neck



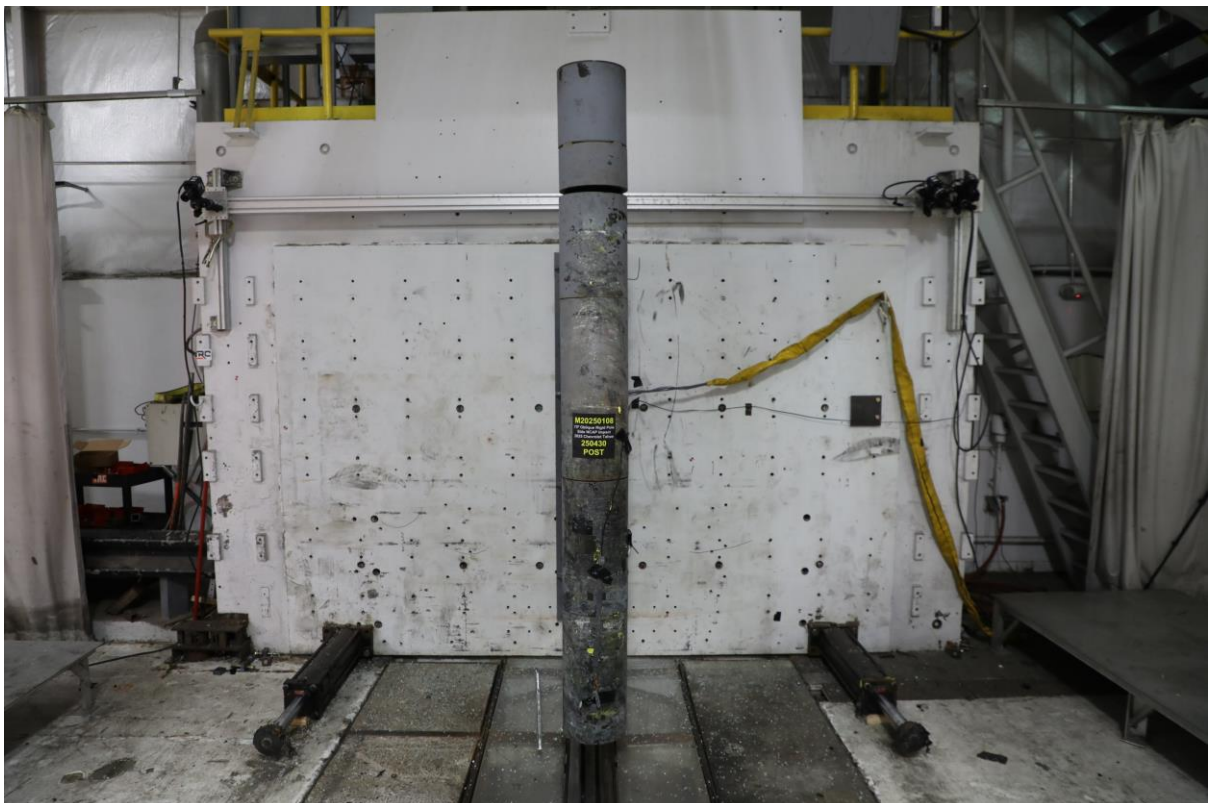
No. 057 Close-Up View of Vehicle Certification Label



No. 058 Close-Up View of Vehicle Tire Information Placard or Label



No. 059 Pre-Test Pole Barrier Front View



No. 060 Post-Test Pole Barrier Front View



No. 061 Pre-Test Pole Barrier Side View



No. 062 Post-Test Pole Barrier Side View



No. 063 Pre-Test Ballast View



No. 064 Post-Test Primary and Redundant Speed Trap Read Out



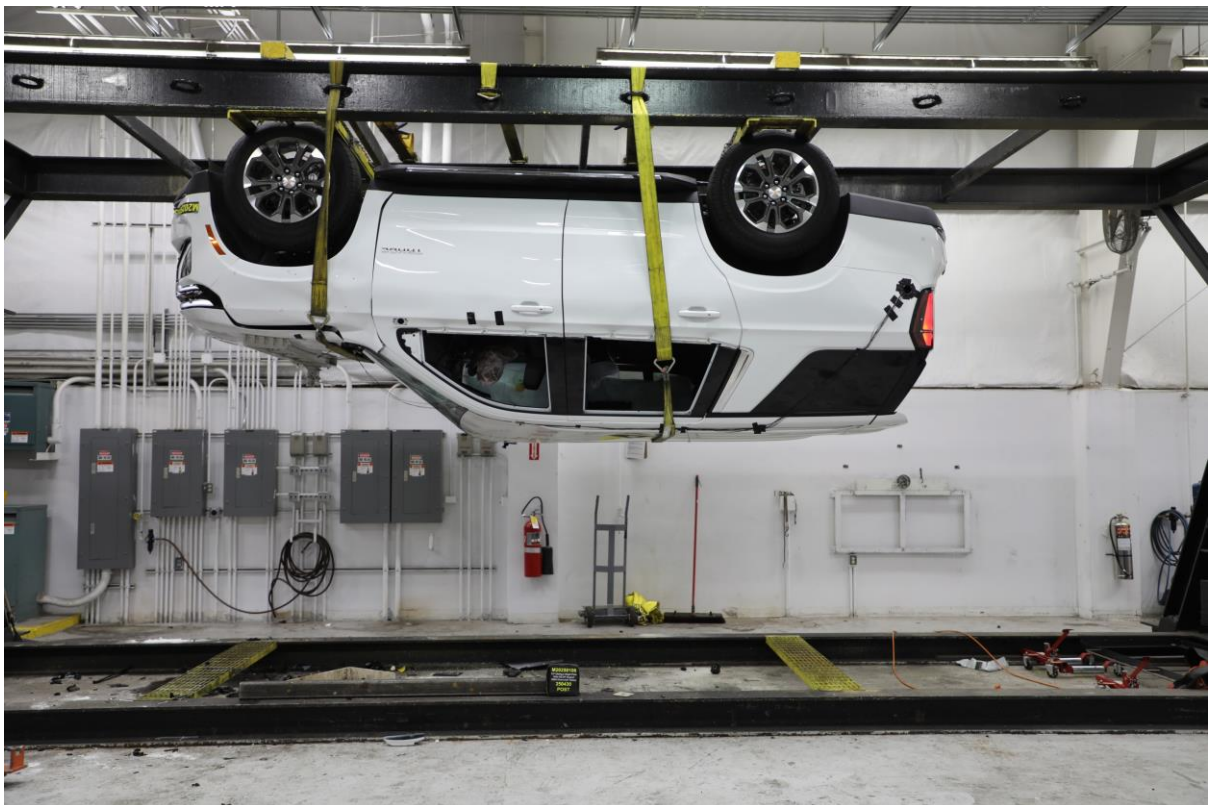
No. 065 FMVSS No. 301 Static Rollover 0 Degrees



No. 066 FMVSS No. 301 Static Rollover 90 Degrees



No. 067 FMVSS No. 301 Static Rollover 180 Degrees



No. 068 FMVSS No. 301 Static Rollover 270 Degrees



No. 069 FMVSS No. 301 Static Rollover 360 Degrees



No. 070 Impact Event



2025 TAHOE 2WD LS

EXTERIOR: SUMMIT WHITE
INTERIOR: JET BLACK

ENGINE: 5.3L ECOTEC3 V8
TRANSMISSION: 10-SPEED AUTO

Visit us at www.chevy.com

STANDARD EQUIPMENT ITEMS LISTED BELOW ARE INCLUDED AT NO EXTRA CHARGE IN THE STANDARD VEHICLE PRICE SHOWN. OWNER BENEFITS • 3 YEAR / 36,000 MILE* BUMPER-TO-BUMPER LIMITED WARRANTY • 5 YEAR/60,000 MILE* POWERTRAIN LIMITED WARRANTY, ROADSIDE ASSISTANCE & COURTESY TRANSPORTATION • FIRST MAINTENANCE VISIT **WHICHEVER COMES FIRST SEE CHEVROLET.COM OR DEALER FOR TERMS, DETAILS & LIMITS PERFORMANCE & MECHANICAL • ADAPTIVE CRUISE CONTROL • PREMIUM SMOOTH RIDE SUSPENSION • MECHANICAL LIMITED SLIP DIFFERENTIAL • AUTOMATIC STOP/START ENGINE	• STABILITRAK TRACTION CONTROL • ELECTRONIC PRECISION SHIFT • TRAILERING EQUIPMENT CONNECTIVITY & TECHNOLOGY • 8 YEARS ONSTAR BASICS SEE ONSTAR.COM FOR TERMS • KEYLESS OPEN, LOCK & START • REMOTE VEHICLE START • TWO POWER OUTLETS, 120 VOLT • SIRIUSXM AUDIO W/TRIAL SEE SIRIUSXM.COM/TERMS • 17.1" DIAG ADVANCED COLOR LCD DISPLAY WITH GOOGLE BUILT-IN COMPATIBILITY INCLUDING NAV CAPABILITY, CONNECTED APPS • WIRELESS APPLE CARPLAY AND WIRELESS ANDROID AUTO FOR COMPATIBLE PHONES INTERIOR • TRI-ZONE AUTOMATIC HVAC • CLOTH FRONT BUCKET POWER SEATS	• SECOND ROW 60/40 SPLIT FOLDING BENCH • THIRD ROW 60/40 SPLIT BENCH, MANUAL FOLD EXTERIOR • LED HEADLAMPS & TAILLAMPS • LED DAYTIME RUNNING LAMPS • POWER ADJUSTABLE OUTSIDE MIRRORS, HEATED SAFETY & SECURITY • ENHANCED AUTOMATIC EMERGENCY BRAKING • FRONT PEDESTRIAN AND BICYCLIST BRAKING • FORWARD COLLISION ALERT • BLIND ZONE STEERING ASSIST • INTEL LIDAR • HD SURROUND VISION • ENHANCED AUTOMATIC PARKING ASSIST • REAR CROSS TRAFFIC BRAKING • REAR PEDESTRIAN ALERT	• SAFETY ALERT SEAT • THEFT DETERRENT SYSTEM MANUFACTURER'S SUGGESTED RETAIL PRICE <table border="1"><tr><td>STANDARD VEHICLE PRICE</td><td>\$58,500.00</td></tr></table> OPTIONS & PRICING OPTIONS INSTALLED BY THE MANUFACTURER MAY REPLACE STANDARD EQUIPMENT (SHOWN) <table border="1"><tr><td>20" MACHINED ALUMINUM WHEELS 1,100.00</td><td>W/ CHARCOAL POCKETS</td></tr></table> <table border="1"><tr><td>TOTAL OPTIONS</td><td>\$1,100.00</td></tr><tr><td>TOTAL VEHICLE & OPTIONS</td><td>\$59,600.00</td></tr><tr><td>DESTINATION CHARGE</td><td>1,995.00</td></tr><tr><td>TOTAL VEHICLE PRICE*</td><td>\$61,595.00</td></tr></table>	STANDARD VEHICLE PRICE	\$58,500.00	20" MACHINED ALUMINUM WHEELS 1,100.00	W/ CHARCOAL POCKETS	TOTAL OPTIONS	\$1,100.00	TOTAL VEHICLE & OPTIONS	\$59,600.00	DESTINATION CHARGE	1,995.00	TOTAL VEHICLE PRICE*	\$61,595.00
STANDARD VEHICLE PRICE	\$58,500.00														
20" MACHINED ALUMINUM WHEELS 1,100.00	W/ CHARCOAL POCKETS														
TOTAL OPTIONS	\$1,100.00														
TOTAL VEHICLE & OPTIONS	\$59,600.00														
DESTINATION CHARGE	1,995.00														
TOTAL VEHICLE PRICE*	\$61,595.00														

EPA DOT Fuel Economy and Environment
TAHOE 2WD
Fuel Economy **17** MPG combined city/hwy
15 city
20 highway
5.9 gallons per 100 miles
You spend **\$6,000** more in fuel costs over 5 years compared to the average new vehicle.
Annual fuel cost **\$3,100**
Fuel Economy & Greenhouse Gas Rating (tailpipe only)
Smog Rating (tailpipe only)
Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 28 MPG and costs \$8,500 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$3.50 per gallon. MPGe is miles per gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.
fuelconomy.gov
Calculate personalized estimates and compare vehicles

GOVERNMENT 5-STAR SAFETY RATINGS
Overall Vehicle Score **Not Rated**
Based on the combined ratings of frontal, side and rollover. Should ONLY be compared to other vehicles of similar size and weight.
Frontal Crash Driver Passenger **Not Rated**
Side Crash Front seat Rear seat **Not Rated**
Rollover **★★★**
Based on the risk of rollover in a single-vehicle crash.
Star ratings range from 1 to 5 stars (★★★★★) with 5 being the highest.
Source: National Highway Traffic Safety Administration (NHTSA)
www.safercar.gov or 1-888-327-4236

PARTS CONTENT INFORMATION
FOR VEHICLES IN THIS CARLINE:
U.S./CANADIAN PARTS CONTENT: 37%
MAJOR SOURCES OF FOREIGN PARTS CONTENT: MEXICO 37%
NOTE: PARTS CONTENT DOES NOT INCLUDE FINAL ASSEMBLY, DISTRIBUTION, OR OTHER NON-PARTS COSTS.
FOR THIS VEHICLE:
FINAL ASSEMBLY POINT: ARLINGTON, TX U.S.A.
COUNTRY OF ORIGIN: U.S.A.
ENGINE: UNITED STATES
TRANSMISSION: UNITED STATES
ORDER NO. 00000000 SALES CODE E
VEHICLE MODEL CODE 00000000
VEHICLE NO. 14382
FINAL ASSEMBLY: U.S.A.
VIN 1GNS5SM0XSR165857
DEALER TO WHOM DELIVERED:
R. K. CHEVROLET, INC.
2061 VIRGINIA BEACH BLVD
VIRGINIA BEACH, VA 23452-7617
RR 1AZ1510709

No. 071 Monroney Label

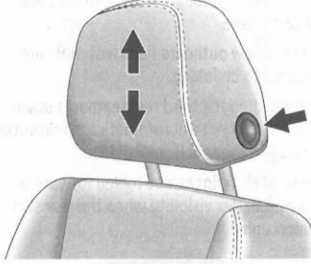
Seats and Restraints 13



Adjust the head restraint so that the top of the restraint is at the same height as the top of the occupant's head. This position reduces the chance of a neck injury in a crash.

Front Seats

The vehicle's front seats have adjustable head restraints in the outboard seating positions.



The height of the head restraint can be adjusted.

To raise or lower the head restraint, press the button located on the side of the head restraint and pull up or push the head restraint down, and release the button. Pull and push on the head restraint after the button is released to make sure that it is locked in place.

The front seat outboard head restraints are not removable.

Rear Seats

Second Row Seats

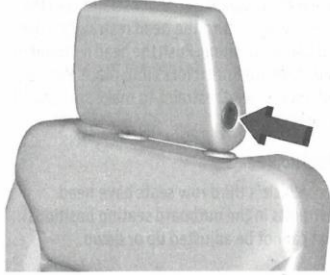
The vehicle's second row seats have head restraints in the outboard seating positions that cannot be adjusted.

The second row outboard head restraints are not removable.

The second row outboard head restraints are designed to be folded.

When folding the second row seatbacks down, the head restraint will automatically fold out of the way as the seat is folded down.

The second row outboard head restraints can be folded forward to allow for better visibility when the rear seat is unoccupied.



No. 072 Head Restraint Use and Adjustment Information from Vehicle Owner Manual

PHOTO NOT APPLICABLE

No. 073 Post-Test View of Shattered Vehicle Inner Door Panel

APPENDIX B
VEHICLE AND DUMMY RESPONSE DATA PLOTS

TABLE OF DATA PLOTS

No.	Description	Page
1	Driver Head Acceleration (X) vs. Time	B-4
2	Driver Head Acceleration (Y) vs. Time	B-4
3	Driver Head Acceleration (Z) vs. Time	B-4
4	Driver Head Acceleration Resultant vs. Time	B-4
5	Driver Lower Spine T12 Acceleration (X) vs. Time	B-5
6	Driver Lower Spine T12 Acceleration (Y) vs. Time	B-5
7	Driver Lower Spine T12 Acceleration (Z) vs. Time	B-5
8	Driver Lower Spine T12 Acceleration Resultant vs. Time	B-5
9	Driver Iliac Wing Force on Impact Side (Y) vs. Time	B-6
10	Driver Acetabulum Force on Impact Side (Y) vs. Time	B-6
11	Driver Total Pelvis Force on Impact Side (Y) vs. Time	B-6

The following additional data for this test can be obtained from the Research and Development section of the NHTSA website. The website can be found at: www.nhtsa.gov.

Additional Driver Dummy Instrumentation Data

Driver Head Acceleration (X) Redundant
Driver Head Acceleration (Y) Redundant
Driver Head Acceleration (Z) Redundant
Driver Upper Thorax Rib Deflection (Y)
Driver Middle Thorax Rib Deflection (Y)
Driver Lower Thorax Rib Deflection (Y)
Driver Upper Abdomen Rib Deflection (Y)
Driver Lower Abdomen Rib Deflection (Y)
Driver Head Angular Velocity (X)
Driver Head Angular Velocity (Y)
Driver Head Angular Velocity (Z)

Vehicle Instrumentation Data

Vehicle Center of Gravity Acceleration (X)
Vehicle Center of Gravity Acceleration (Y)
Vehicle Center of Gravity Acceleration (Z)
Left Floor Sill Acceleration (Y)
Left A-Pillar Sill Acceleration (Y)
Left Lower A-Pillar Acceleration (Y)
Left Mid A-Pillar Acceleration (Y)
Left B-Pillar Sill Acceleration (Y)
Left Lower B-Pillar Acceleration (Y)
Left Mid B-Pillar Acceleration (Y)
Driver Seat Track at Dummy Hip Point Acceleration (Y)
Engine Top Acceleration (X)
Engine Top Acceleration (Y)
Firewall Center Acceleration (Y)
Right Roof at Vertical Impact Reference Line Acceleration (Y)
Right Sill at Vertical Impact Reference Line Acceleration (Y)
Rear Floorpan Behind Rear Axle at Centerline Acceleration (X)
Rear Floorpan Behind Rear Axle at Centerline Acceleration (Y)

Pole Instrumentation Data

Load Cell Pole Barrier #1 Force (X)
Load Cell Pole Barrier #2 Force (X)
Load Cell Pole Barrier #3 Force (X)
Load Cell Pole Barrier #4 Force (X)
Load Cell Pole Barrier #5 Force (X)
Load Cell Pole Barrier #6 Force (X)
Load Cell Pole Barrier #7 Force (X)
Load Cell Pole Barrier #8 Force (X)

NHTSA

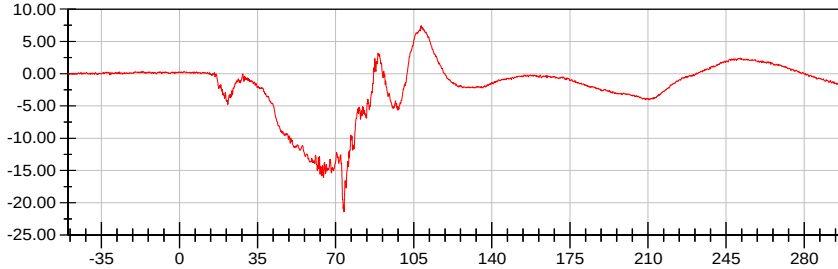
Test Lab: CTF

Test Number: 250430 (M20250108)

Position #1 SID IIs Dummy (297)

Test Date: 04/30/2025

Driver Head Acceleration (X) vs. Time Primary (g) vs. Time [ms]



<Max>

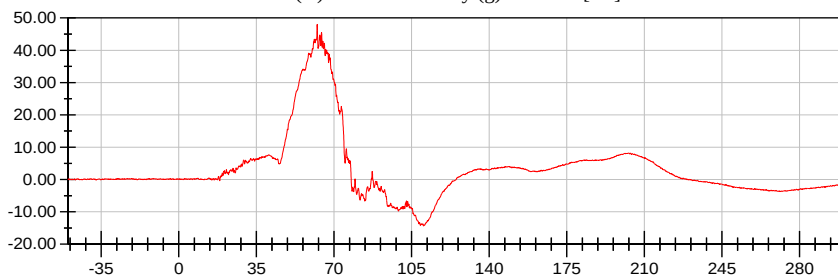
7.40 g at 108.45 ms

<Min>

-21.41 g at 73.70 ms

CFC_1000

Driver Head Acceleration (Y) vs. Time Primary (g) vs. Time [ms]



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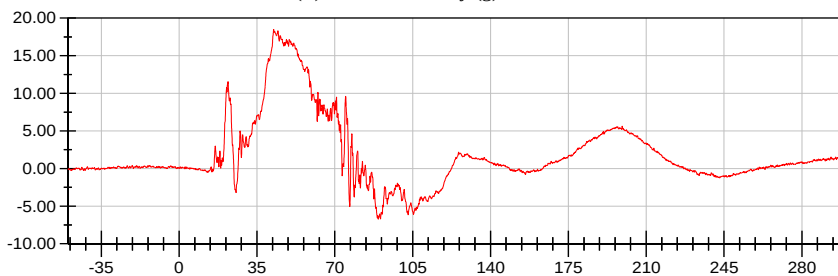
48.03 g at 62.45 ms

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-14.36 g at 110.40 ms

CFC_1000

Driver Head Acceleration (Z) vs. Time Primary (g) vs. Time [ms]



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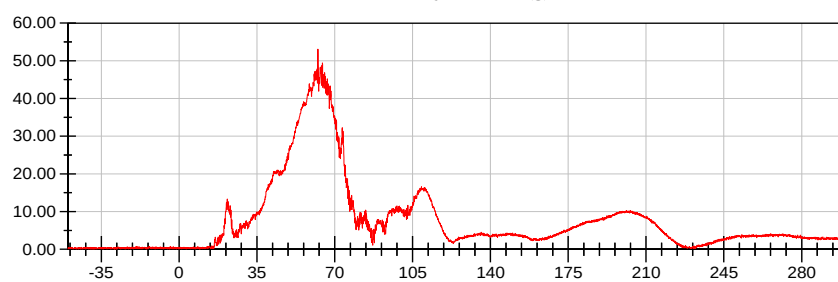
18.48 g at 42.50 ms

<Min>

-6.73 g at 89.55 ms

CFC_1000

Driver Head Acceleration Resultant Primary vs. Time (g) vs. Time [ms]



<Max>

53.07 g at 62.40 ms

<Min>

0.06 g at -46.20 ms

Prefiltered_> CFC 1000



NHTSA

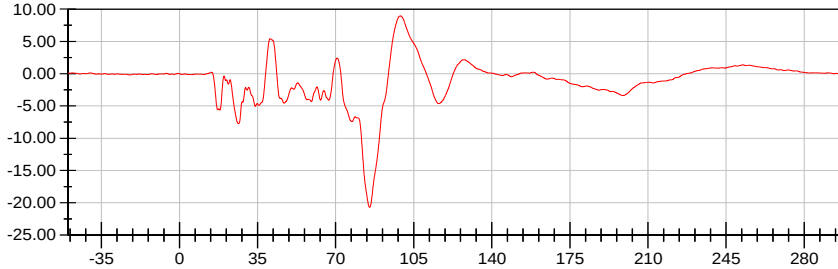
Test Lab: CTF

Test Number: 250430 (M20250108)

Position #1 SID IIs Dummy (297)

Test Date: 04/30/2025

Driver Lower Spine T12 Acceleration (X) vs. Time (g) vs. Time [ms]



<Max>

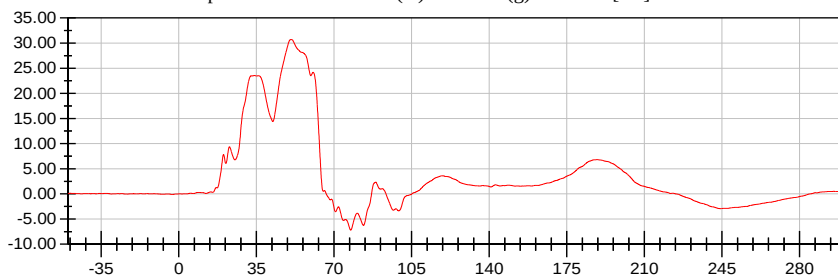
8.94 g at 99.05 ms

<Min>

-20.71 g at 85.25 ms

CFC_180

Driver Lower Spine T12 Acceleration (Y) vs. Time (g) vs. Time [ms]



<Max>

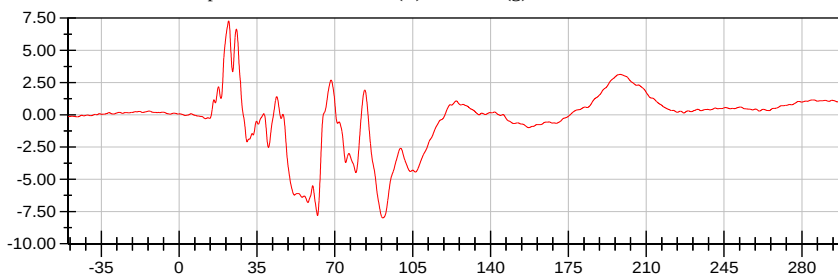
30.68 g at 50.45 ms

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-7.20 g at 77.55 ms

CFC_180

Driver Lower Spine T12 Acceleration (Z) vs. Time (g) vs. Time [ms]



<Max>

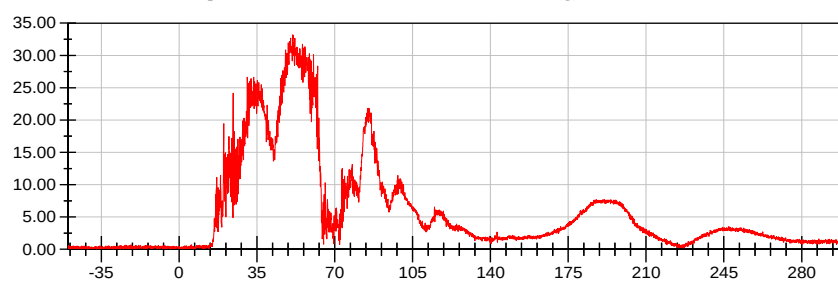
7.27 g at 22.25 ms

<Min>

-7.99 g at 91.55 ms

CFC_180

Driver Lower Spine T12 Acceleration Resultant vs. Time (g) vs. Time [ms]



<Max>

33.19 g at 51.10 ms

<Min>

0.05 g at -46.05 ms

Prefiltered_> CFC 1000



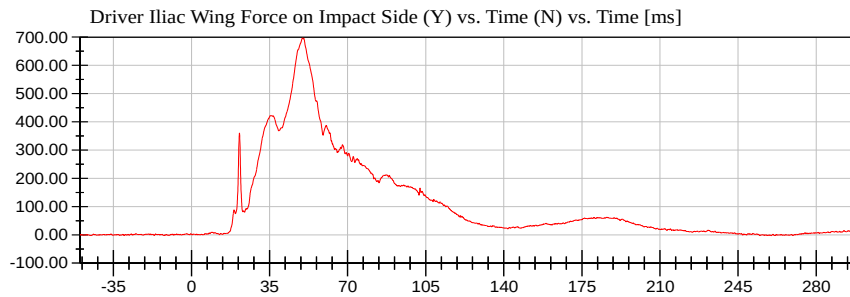
NHTSA

Test Lab: CTF

Test Number: 250430 (M20250108)

Position #1 SID IIs Dummy (297)

Test Date: 04/30/2025



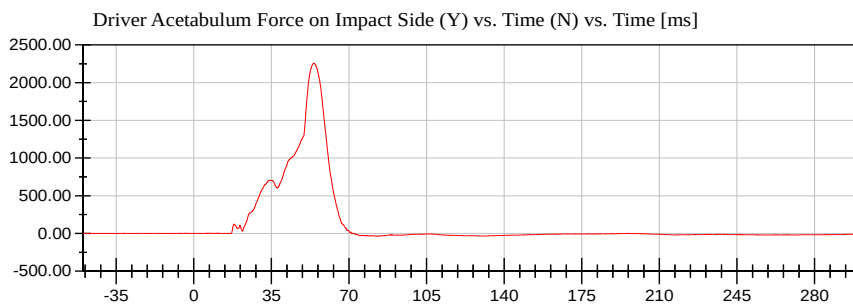
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696.63 N at 49.85 ms

<Min>

-2.63 N at 259.95 ms

CFC_600



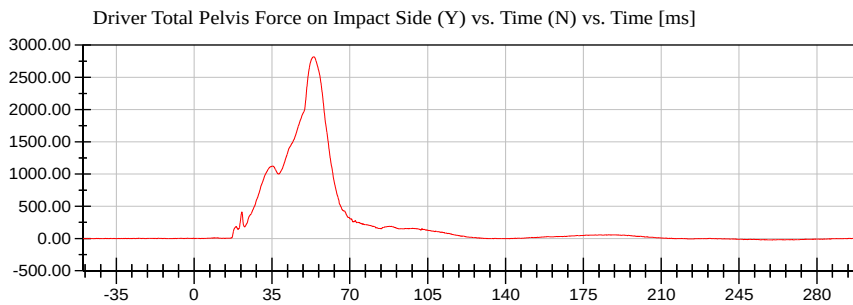
<Max>

2,257.47 N at 54.15 ms

<Min>

-34.89 N at 82.70 ms

CFC_600



<Max>

2,818.99 N at 53.70 ms

<Min>

-23.06 N at 260.00 ms

CFC_600



APPENDIX C
DUMMY CONFIGURATION AND PERFORMANCE VERIFICATION DATA

TABLE OF CALIBRATION MEASUREMENTS AND PLOTS
SID-IIs (Driver) Dummy
Description

Table 1. External Measurements

Table 2. Head Drop Test

Resultant Head Acceleration (G's) vs. Time (ms)
Head (X) Acceleration (G's) vs. Time (ms)
Head (Y) Acceleration (G's) vs. Time (ms)
Head (Z) Acceleration (G's) vs. Time (ms)

Table 3. Lateral Neck Pendulum Test

Pendulum Velocity (m/s) vs. Time (ms)
Flexion Angle (°) vs. Time (ms)
Moment About Occipital Condyle (Nm) vs. Time (ms)

Table 4. Shoulder Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Shoulder Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)

Table 5. Thorax (With Arm) Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Shoulder Displacement (mm) vs. Time (ms)
Upper Rib Displacement (mm) vs. Time (ms)
Middle Rib Displacement (mm) vs. Time (ms)
Lower Rib Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 6. Thorax (Without Arm) Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Upper Rib Displacement (mm) vs. Time (ms)
Middle Rib Displacement (mm) vs. Time (ms)
Lower Rib Displacement (mm) vs. Time (ms)
Upper Spine Acceleration (G's) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 7. Abdomen Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Upper Abdominal Rib Displacement (mm) vs. Time (ms)
Lower Abdominal Rib Displacement (mm) vs. Time (ms)
Lower Spine Acceleration (G's) vs. Time (ms)

Table 8. Pelvis Plug Quasi-Static Test (Optional*)

Table 9. Pelvis Acetabulum Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Pelvis (Y) Acceleration (G's) vs. Time (ms)
Acetabulum Force (N) vs. Time (ms)

Table 10. Pelvis Iliac Impact Test

Impactor Acceleration (G's) vs. Time (ms)
Pelvis (Y) Acceleration (G's) vs. Time (ms)
Iliac Force (N) vs. Time (ms)

Pre-Test Calibration Sheets
Driver S/N 297

Transportation Research Center Inc.
SIDIIs Dummy - Level D
External Dimensions
Serial No. 297 Calibration No. 75

Symbol	Description	Specification	Results	Pass
		mm	mm	
A	Sitting Height	772.0 - 788.0	780	Yes
B	Shoulder Pivot Height	437.0 - 453.0	450	Yes
C	H-Point Height	79.0 - 89.0	85	Yes
D	H-Point from Seat Back	141.0 - 151.0	147	Yes
E	Shoulder Pivot from Backline	97.0 - 107.0	102	Yes
F	Thigh Clearance	119.0 - 135.0	130	Yes
G	Head Breadth	140.0 - 148.0	147	Yes
H	Head Back from Backline	40.0 - 46.0	45	Yes
I	Head Depth	178.0 - 188.0	183	Yes
J	Head Circumference	541.0 - 551.0	544	Yes
K	Buttock to Knee Length	514.0 - 540.0	528	Yes
L	Popliteal Height	343.0 - 369.0	353	Yes
M	Knee Pivot to Floor Height	393.0 - 409.0	400	Yes
N	Buttock Popliteal Length	416.0 - 442.0	430	Yes
O	Chest Depth without Jacket	195.0 - 211.0	200	Yes
P	Foot Length (right)	216.0 - 232.0	223	Yes
P	Foot Length (left)	216.0 - 232.0	223	Yes
Q	Hip Breadth	313.0 - 323.0	319	Yes
R	Arm Length	249.0 - 259.0	254	Yes
S	Knee Joint to seat Back	478.0 - 493.0	485	Yes
V	Shoulder Width (only one arm installed)	341.0 - 357.0	347	Yes
W	Foot Width (right)	78.0 - 94.0	85	Yes
W	Foot Width (left)	78.0 - 94.0	85	Yes
Y	Chest Circumference with Jacket	851.0 - 881.0	877	Yes
Z	Waist Circumference	761.0 - 791.0	781	Yes

Revised 9/29/2005

Report Number: 297_S2F75

Page 29 of 31



Transportation Research Center Inc.

Left Lateral Head Drop

SID II: Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	18.9 - 25.6 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	44 %	Yes
Peak Head Resultant Acceleration	115 - 137 g	122.4 g	Yes
Peak Head Longitudinal Acceleration	(-15) - 15 g	-1.8 g	Yes
Is Head Resultant Acceleration Curve Unimodal within 15% of Peak?	< 15 %	0.75 %	Yes

Test meets specifications.

Condition: Used

Comments:

Head Skin S/N: 1330

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 11:20:53 233

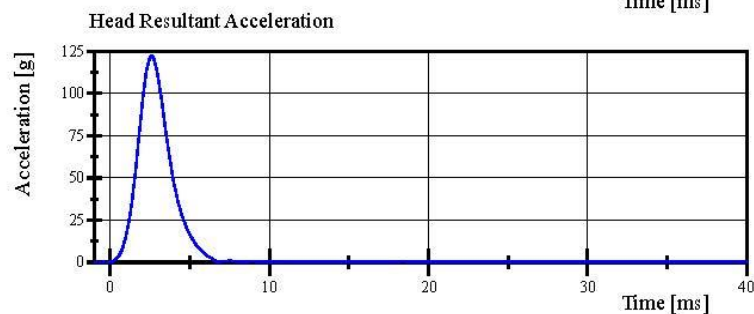
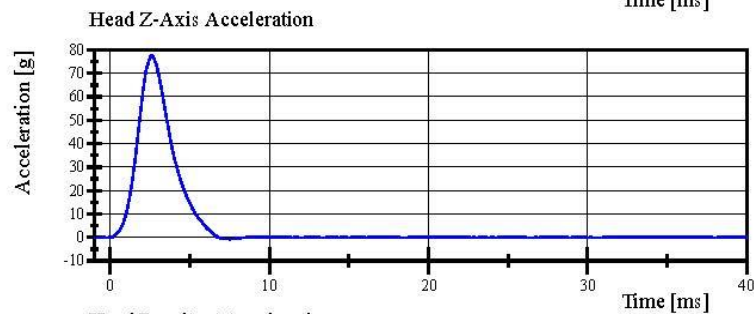
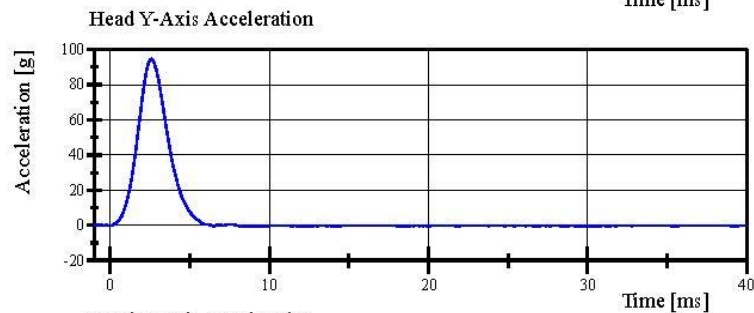
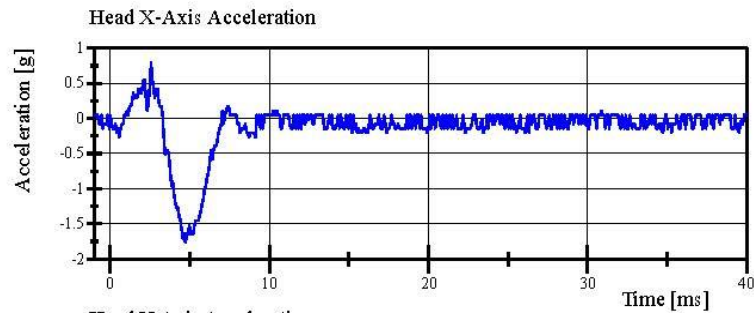


Transportation Research Center Inc.

Left Lateral Head Drop

SID IIa Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 11:21:30 233



Transportation Research Center Inc.

Left Lateral Neck

SID II: Serial No. 297 Certification No. 75-4

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.2 °C	Yes
Relative Humidity	10 - 70 %	46 %	Yes
Pendulum Velocity	(-5.51) - (-5.63) m/s	-5.611 m/s	Yes
Pendulum Integrated Velocity			
Change at 10 ms	2.20 - 2.80 m/s	2.458 m/s	Yes
Change at 15 ms	3.30 - 4.10 m/s	3.584 m/s	Yes
Change at 20 ms	4.40 - 5.40 m/s	4.812 m/s	Yes
Change at 25 ms	5.40 - 6.10 m/s	5.813 m/s	Yes
Change at 25 to 100 ms	5.50 - 6.20 m/s	5.887 m/s	Yes
Maximum Headform Flexion			
Peak	(-71) - (-81) deg	-79.6 deg	Yes
Time of Peak	50 - 70 ms	63.8 ms	Yes
Total Neck Occipital Condyles Moment	36 - 44 N·m	41.8 N·m	Yes
Decay to 0 N·m	102 - 126 ms	114.1 ms	Yes

Test meets specifications.

Condition: Used

Comments:

Neck S/N: 779

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:39:17 751

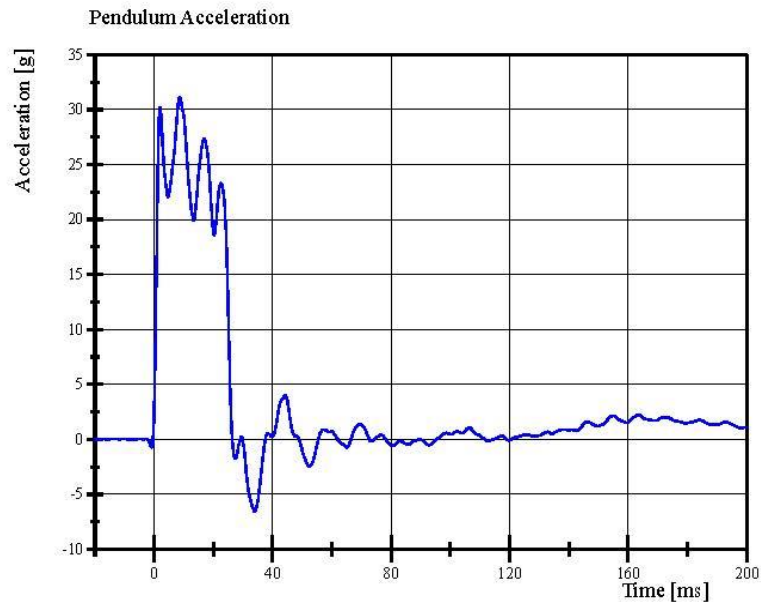


Transportation Research Center Inc.

Left Lateral Neck

SID IIa Serial No. 297 Certification No. 75-4

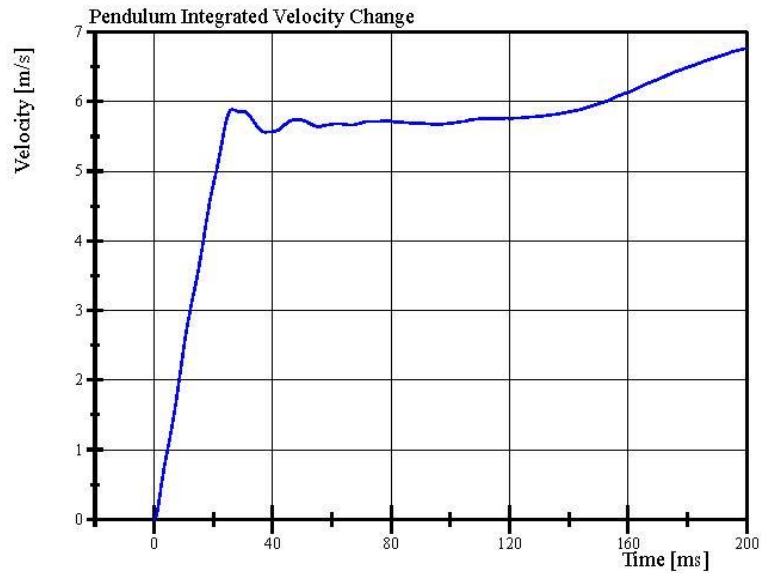
Test Date: 4/10/2025



Filter Class: CFC_180

Max: 31.1 g at 8.6 ms

Min: -6.6 g at 33.9 ms



Filter Class: CFC_180

Max: 6.8 m/s at 200.0 ms

Min: 0.0 m/s at 0.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:39:49 751

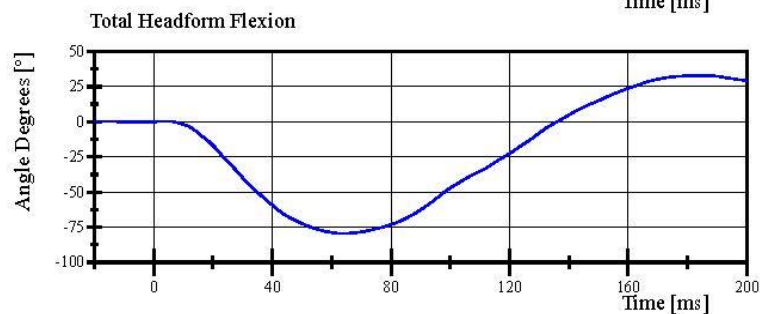
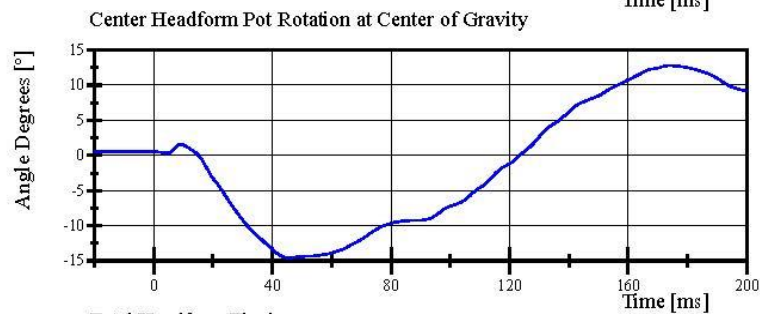
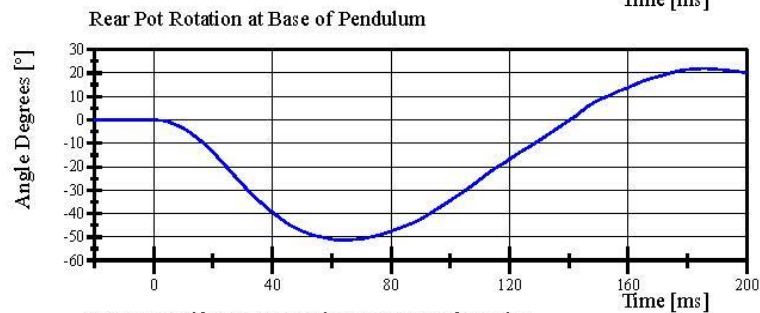
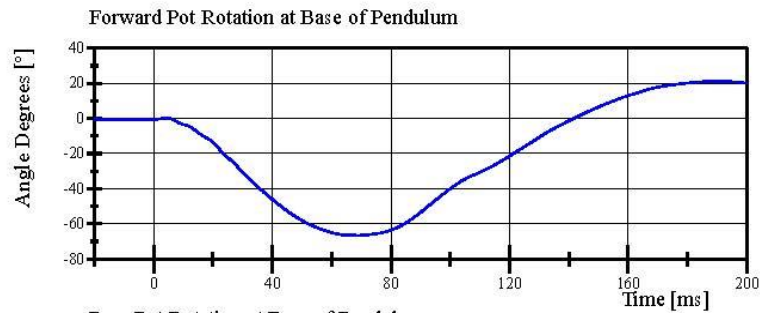


Transportation Research Center Inc.

Left Lateral Neck

SID II_s Serial No. 297 Certification No. 75-4

Test Date: 4/10/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:39:49 751



Transportation Research Center Inc.

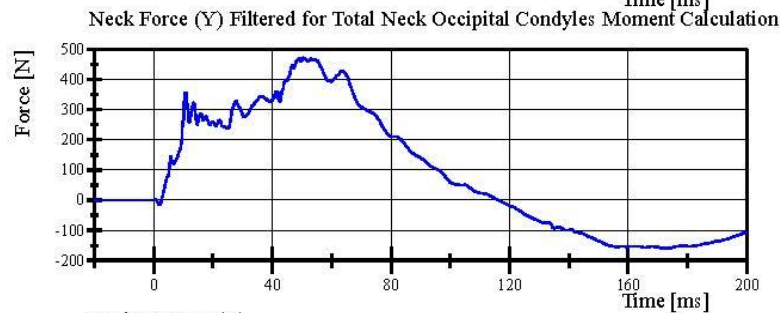
Left Lateral Neck

SID II_s Serial No. 297 Certification No. 75-4

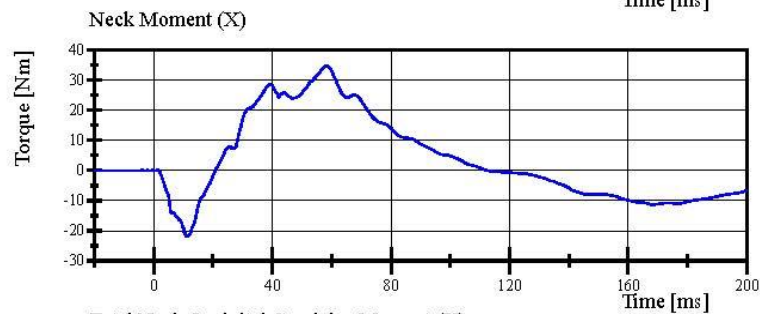
Test Date: 4/10/2025



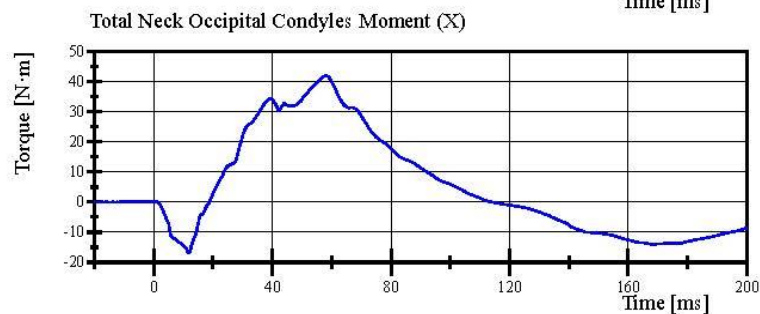
Filter Class: CFC_1000
Max: 474.4 N at 50.4 ms
Min: -160.5 N at 173.0 ms



Filter Class: CFC_600
Max: 472.9 N at 50.4 ms
Min: -160.0 N at 173.0 ms



Filter Class: CFC_600
Max: 34.7 Nm at 58.4 ms
Min: -21.9 Nm at 11.8 ms



Filter Class: Without_(Constan
Max: 41.8 N·m at 57.8 ms
Min: -16.9 N·m at 11.8 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:39:49 751



Transportation Research Center Inc.

Left Lateral Shoulder

SID II: Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	44 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-13) - (-18) g	-15.5 g	Yes
Shoulder Displacement	28 - 37 mm	30.2 mm	Yes
Upper Spine Lateral Acceleration	17 - 22 g	21.0 g	Yes

Test meets specifications.

Condition: Used

Comments:

Arm S/N: 940L

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 09:01:01 844

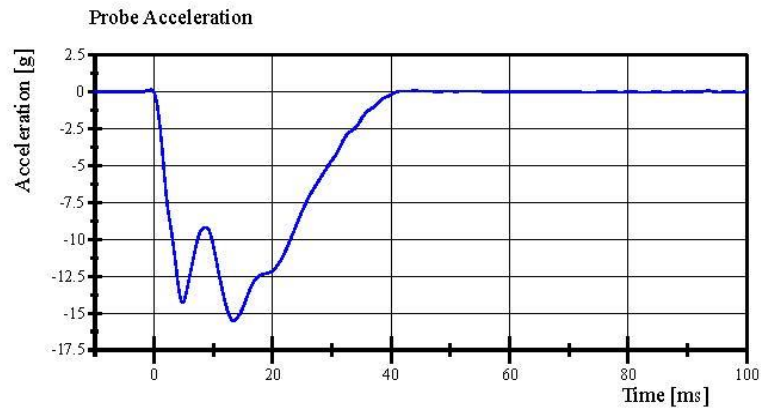


Transportation Research Center Inc.

Left Lateral Shoulder

SID IIa Serial No. 297 Certification No. 75-1

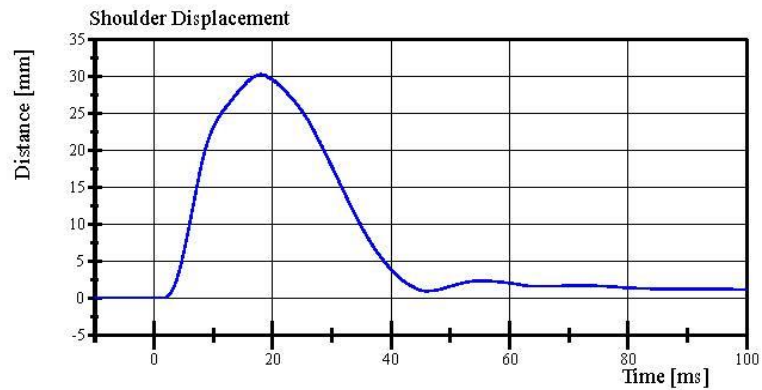
Test Date: 4/10/2025



Filter Class: CFC_180

Max: 0.1 g at -0.6 ms

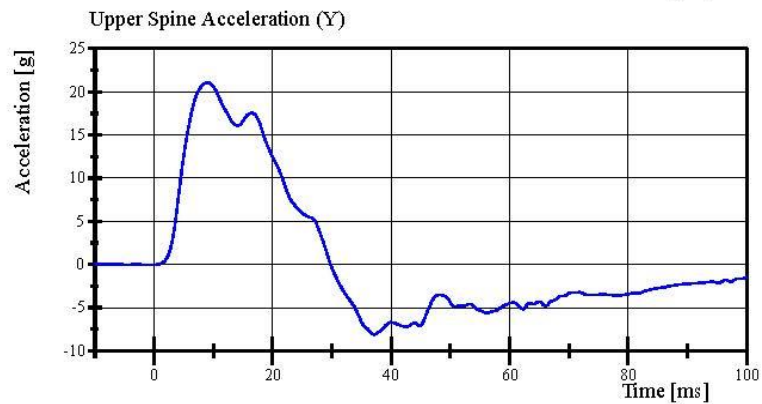
Min: -15.5 g at 13.4 ms



Filter Class: CFC_600

Max: 30.2 mm at 18.1 ms

Min: -0.0 mm at 1.4 ms



Filter Class: CFC_180

Max: 21.0 g at 9.1 ms

Min: -8.1 g at 37.1 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 09:01:28 844



Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II: Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	46 %	Yes
Impactor Velocity	6.60 - 6.80 m/s	6.730 m/s	Yes
Impactor Acceleration	(-30) - (-36) g	-34.5 g	Yes
Shoulder Displacement	31 - 40 mm	34.1 mm	Yes
Upper Thorax Rib Displacement	25 - 32 mm	25.9 mm	Yes
Center Thorax Rib Displacement	30 - 36 mm	30.3 mm	Yes
Lower Thorax Rib Displacement	32 - 38 mm	33.4 mm	Yes
Upper Spine Lateral Acceleration	34 - 43 g	41.0 g	Yes
Lower Spine Lateral Acceleration	29 - 37 g	32.9 g	Yes

Test meets specifications.

Condition: Used

Comments:

Left Arm S/N: 940L

Shoulder Rib S/N: DL9245

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 10:47:18 634

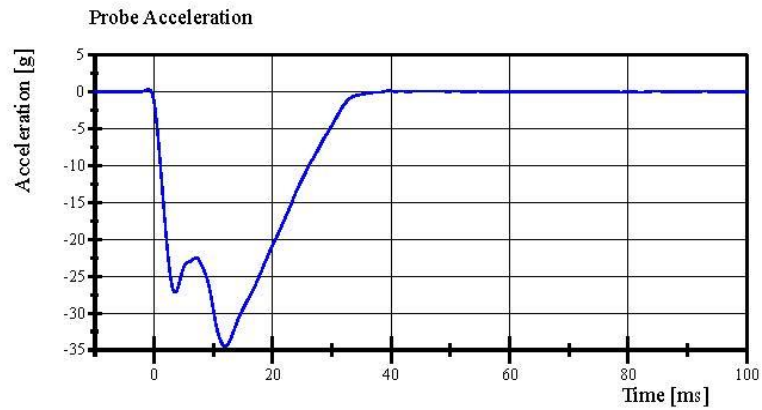


Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 75-1

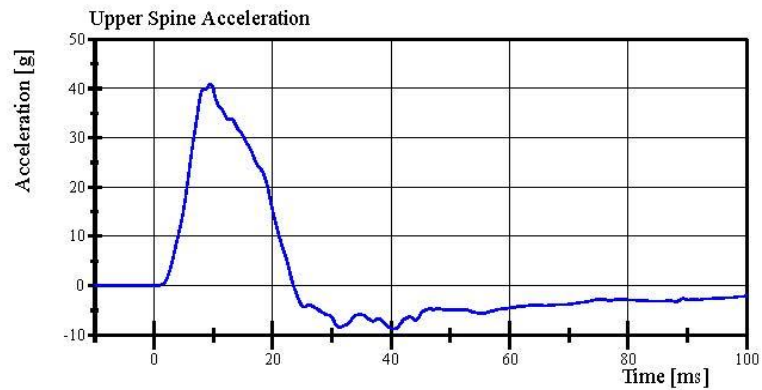
Test Date: 4/10/2025



Filter Class: CFC_180

Max: 0.3 g at -1.0 ms

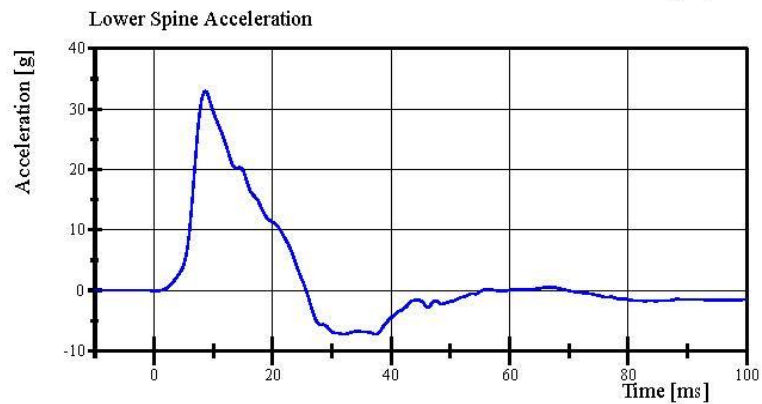
Min: -34.5 g at 12.0 ms



Filter Class: CFC_180

Max: 41.0 g at 9.5 ms

Min: -8.8 g at 40.4 ms



Filter Class: CFC_180

Max: 32.9 g at 8.6 ms

Min: -7.3 g at 37.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 10:48:04 634

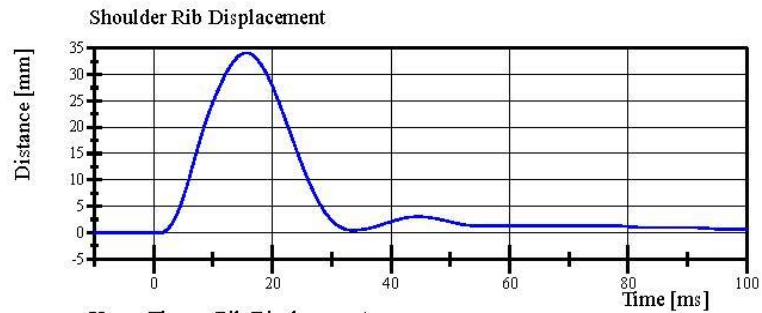


Transportation Research Center Inc.

Left Lateral Thorax with Arm

SID II_s Serial No. 297 Certification No. 75-1

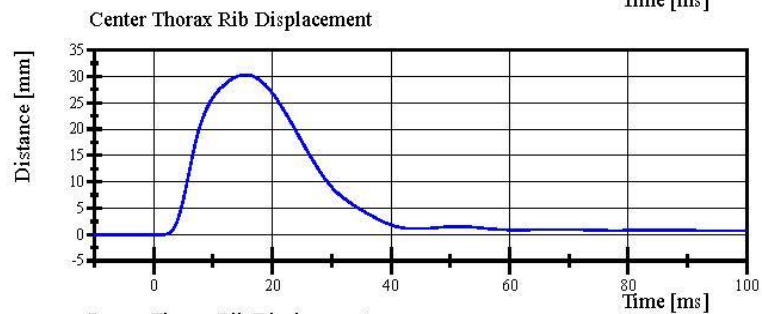
Test Date: 4/10/2025



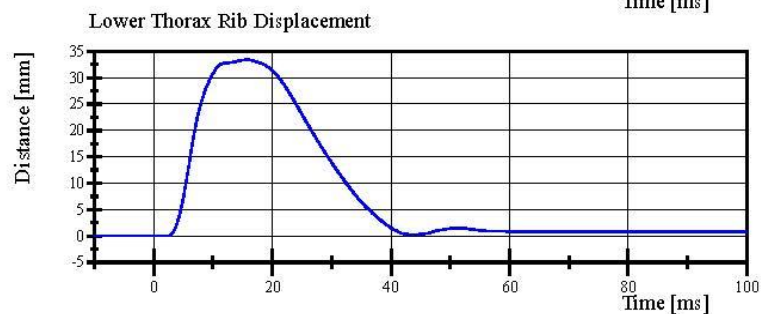
Filter Class: CFC_600
Max: 34.1 mm at 15.7 ms
Min: -0.0 mm at 1.3 ms



Filter Class: CFC_600
Max: 25.9 mm at 15.6 ms
Min: -0.0 mm at -3.3 ms



Filter Class: CFC_600
Max: 30.3 mm at 15.4 ms
Min: -0.0 mm at -8.2 ms



Filter Class: CFC_600
Max: 33.4 mm at 15.7 ms
Min: -0.0 mm at -8.6 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 10:48:04 634



Transportation Research Center Inc.

Left Lateral Thorax without Arm

SID II: Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	42 %	Yes
Impactor Velocity	4.20 - 4.40 m/s	4.359 m/s	Yes
Impactor Acceleration	(-14) - (-18) g	-15.8 g	Yes
Upper Thorax Rib Displacement	32 - 40 mm	34.6 mm	Yes
Center Thorax Rib Displacement	39 - 45 mm	40.6 mm	Yes
Lower Thorax Rib Displacement	35 - 43 mm	39.9 mm	Yes
Upper Spine Lateral Acceleration	13 - 17 g	13.9 g	Yes
Lower Spine Lateral Acceleration	7 - 11 g	9.9 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

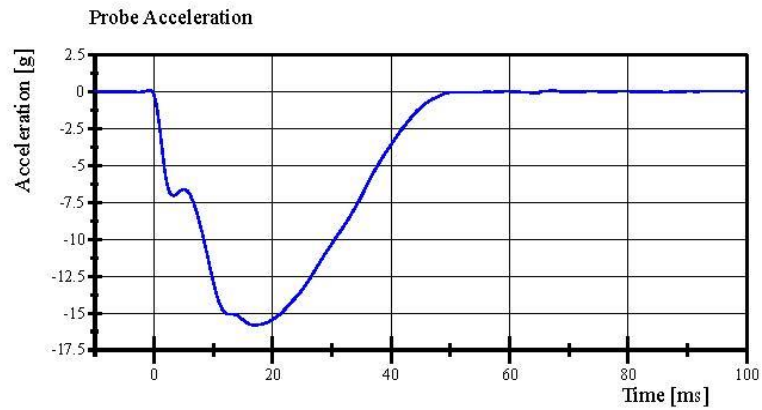
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:49:18 872

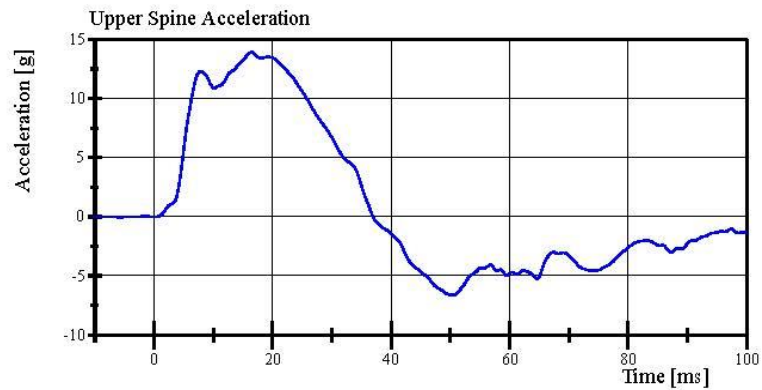


Transportation Research Center Inc.

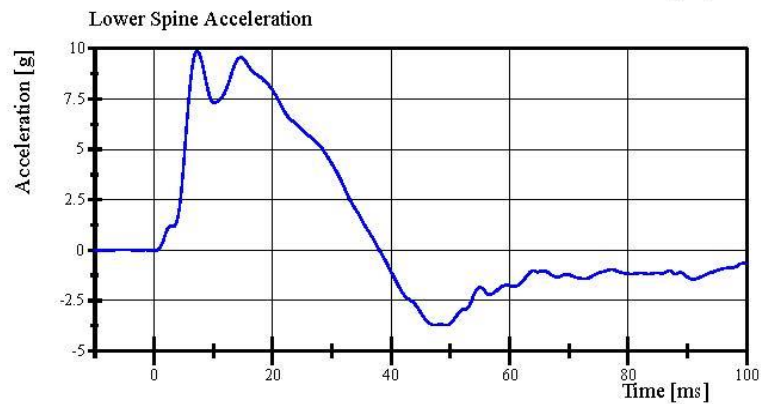
Left Lateral Thorax without Arm
SID II_s Serial No. 297 Certification No. 75-1
Test Date: 4/10/2025



Filter Class: CFC_180
Max: 0.1 g at 67.4 ms
Min: -15.8 g at 17.0 ms



Filter Class: CFC_180
Max: 13.9 g at 16.5 ms
Min: -6.6 g at 50.5 ms



Filter Class: CFC_180
Max: 9.9 g at 7.3 ms
Min: -3.7 g at 47.4 ms

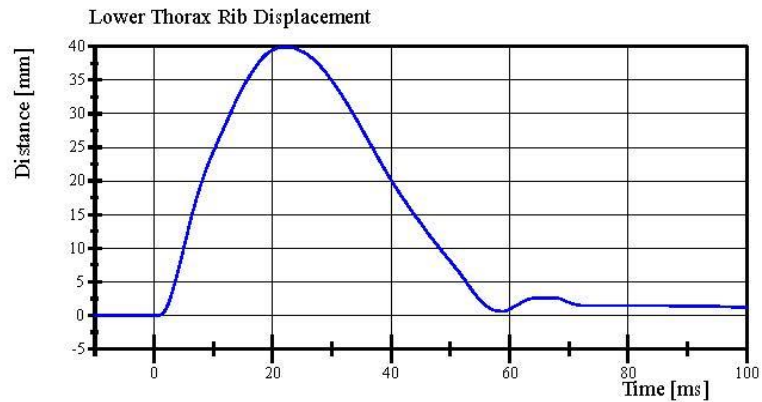
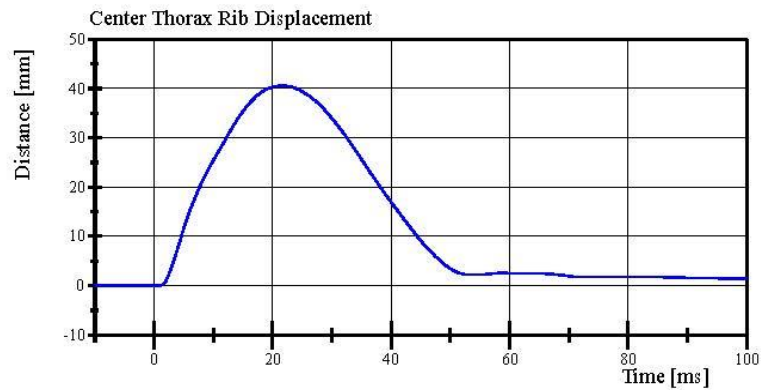
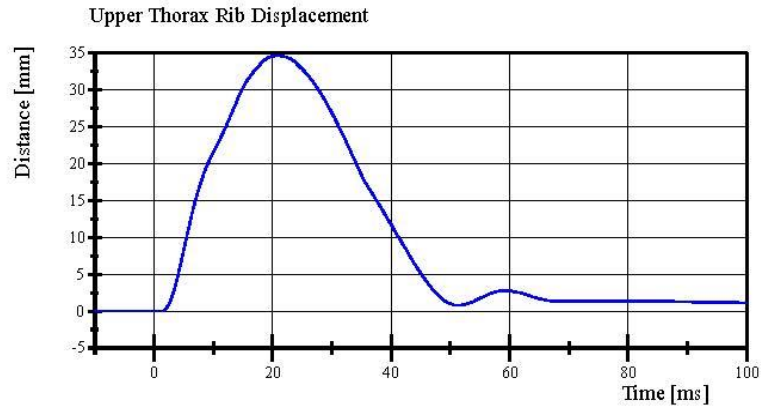
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:49:56 872



Transportation Research Center Inc.

Left Lateral Thorax without Arm
SID IIa Serial No. 297 Certification No. 75-1
Test Date: 4/10/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 14:49:56 872



Transportation Research Center Inc.

Left Lateral Abdomen

SID IIa Serial No. 297 Certification No. 75-2

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.2 °C	Yes
Relative Humidity	10 - 70 %	41 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-12) - (-16) g	-14.9 g	Yes
Upper Abdominal Rib Displacement	36 - 47 mm	39.3 mm	Yes
Lower Abdominal Rib Displacement	33 - 44 mm	38.7 mm	Yes
Lower Spine Lateral Acceleration	9 - 14.0 g	12.25 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Abdominal Rib S/N: AB8010

Lower Abdominal Rib S/N: DM7275

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 09:53:33 698

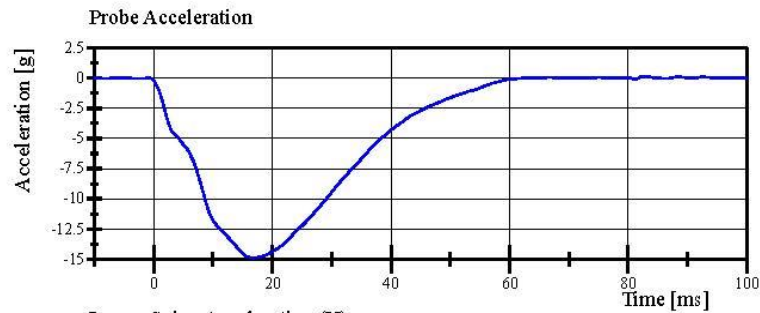


Transportation Research Center Inc.

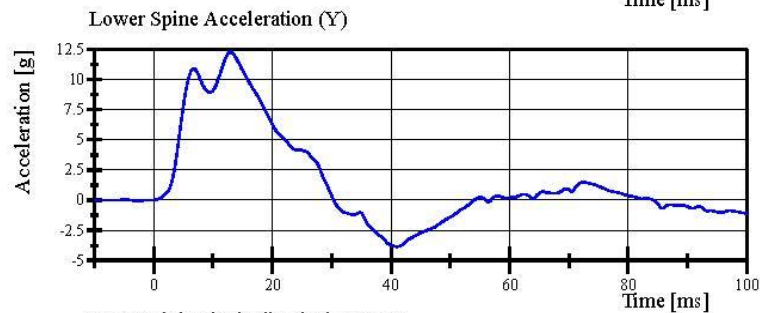
Left Lateral Abdomen

SID II_s Serial No. 297 Certification No. 75-2

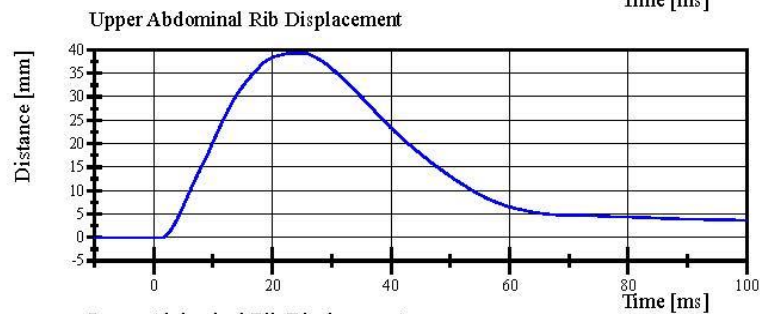
Test Date: 4/10/2025



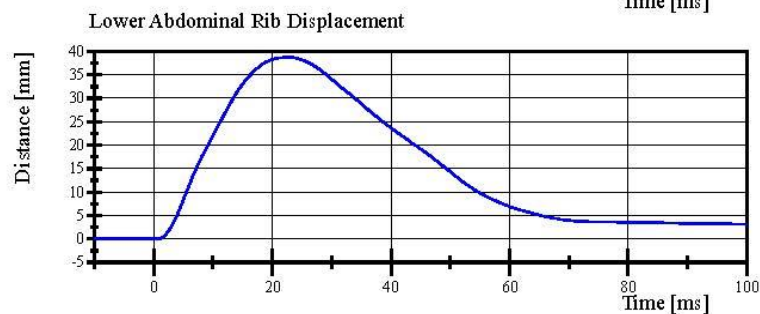
Filter Class: CFC_180
Max: 0.2 g at 82.6 ms
Min: -14.9 g at 16.9 ms



Filter Class: CFC_180
Max: 12.2 g at 12.9 ms
Min: -3.9 g at 41.0 ms



Filter Class: CFC_600
Max: 39.3 mm at 23.6 ms
Min: -0.0 mm at 1.4 ms



Filter Class: CFC_600
Max: 38.7 mm at 22.9 ms
Min: -0.0 mm at 0.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 09:54:03 698



Transportation Research Center Inc.

Left Lateral Pelvis

SID II: Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.2 °C	Yes
Relative Humidity	10 - 70 %	43 %	Yes
Pendulum Velocity	6.6 - 6.8 m/s	6.61 m/s	Yes
Impactor Acceleration	(-38.0) - (-47.0) g	-43.59 g	Yes
Peak Pelvis Lateral Acceleration after 6ms	34 - 42 g	38.5 g	Yes
Acetabulum Force	3,600 - 4,300 N	3,755.9 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Pelvis Plug Info:

Manufacturer: Saco

S/N: 14478

Cal Date: 20201218

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 08:49:18 469

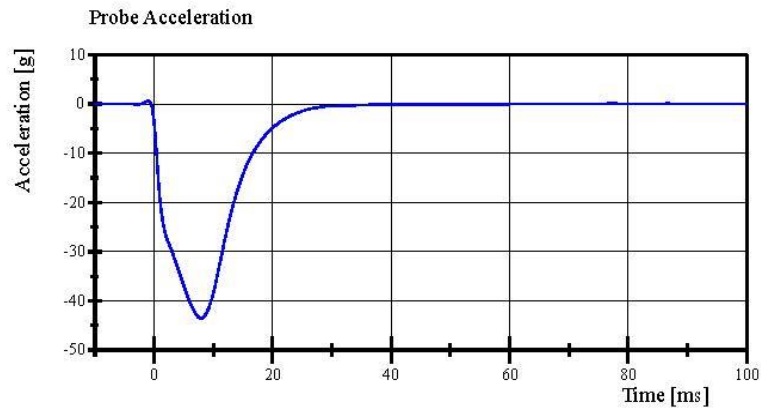


Transportation Research Center Inc.

Left Lateral Pelvis

SID II_s Serial No. 297 Certification No. 75-1

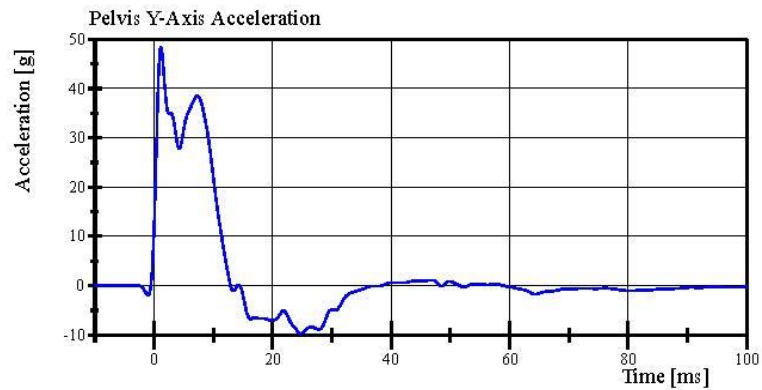
Test Date: 4/10/2025



Filter Class: CFC_180

Max: 0.6 g at -1.0 ms

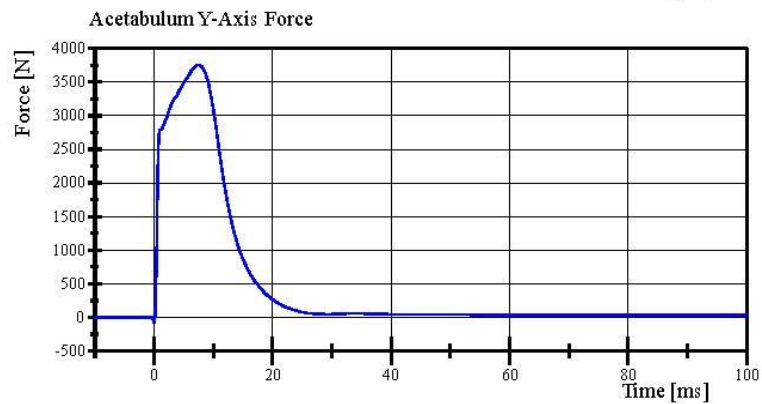
Min: -43.6 g at 7.9 ms



Filter Class: CFC_180

Max: 48.4 g at 1.1 ms

Min: -9.8 g at 24.8 ms



Filter Class: CFC_600

Max: 3,755.9 N at 7.5 ms

Min: -70.8 N at 0.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 08:51:01 469



Transportation Research Center Inc.

Left Lateral Iliac

SID IIa Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	45 %	Yes
Pendulum Velocity	4.2 - 4.4 m/s	4.24 m/s	Yes
Impactor Acceleration	(-36) - (-45) g	-41.8 g	Yes
Peak Pelvis Lateral Acceleration	28 - 39 g	34.9 g	Yes
Iliac Force	4,100 - 5,100 N	4,817.3 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 10:56:23 681

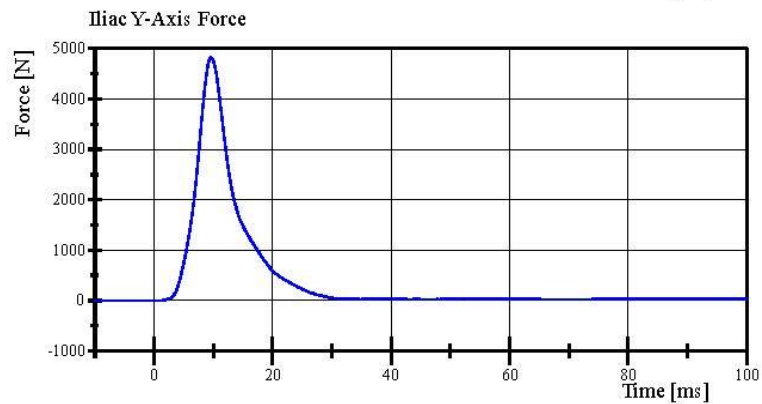
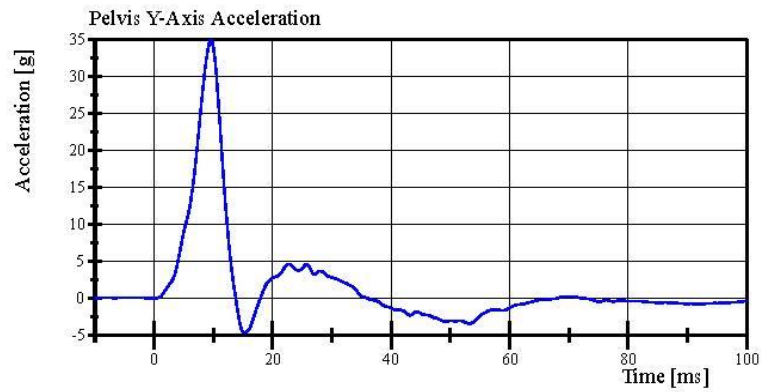
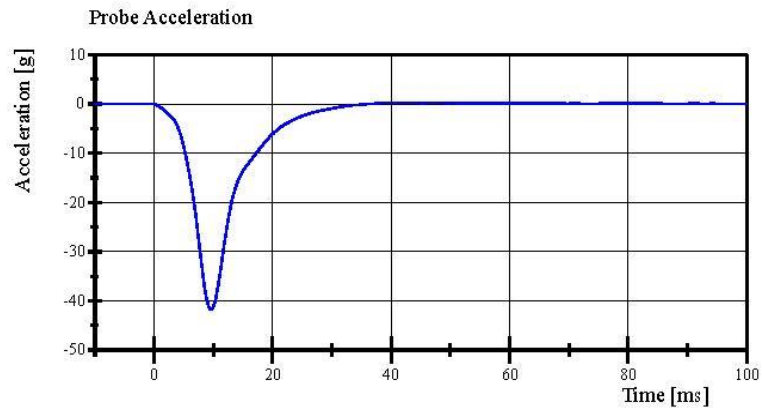


Transportation Research Center Inc.

Left Lateral Iliac

SID II_s Serial No. 297 Certification No. 75-1

Test Date: 4/10/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

04.10.2025 10:56:49 681



Post-Test Calibration Sheets
Driver S/N 297

Transportation Research Center Inc.
SIDIIs Dummy - Level D
External Dimensions
Serial No. 297 Calibration No. 76

Symbol	Description	Specification	Results	Pass
		mm	mm	
A	Sitting Height	772.0 - 788.0	780	Yes
B	Shoulder Pivot Height	437.0 - 453.0	450	Yes
C	H-Point Height	79.0 - 89.0	85	Yes
D	H-Point from Seat Back	141.0 - 151.0	147	Yes
E	Shoulder Pivot from Backline	97.0 - 107.0	102	Yes
F	Thigh Clearance	119.0 - 135.0	130	Yes
G	Head Breadth	140.0 - 148.0	147	Yes
H	Head Back from Backline	40.0 - 46.0	45	Yes
I	Head Depth	178.0 - 188.0	183	Yes
J	Head Circumference	541.0 - 551.0	544	Yes
K	Buttock to Knee Length	514.0 - 540.0	528	Yes
L	Popliteal Height	343.0 - 369.0	353	Yes
M	Knee Pivot to Floor Height	393.0 - 409.0	400	Yes
N	Buttock Popliteal Length	416.0 - 442.0	430	Yes
O	Chest Depth without Jacket	195.0 - 211.0	200	Yes
P	Foot Length (right)	216.0 - 232.0	223	Yes
P	Foot Length (left)	216.0 - 232.0	223	Yes
Q	Hip Breadth	313.0 - 323.0	319	Yes
R	Arm Length	249.0 - 259.0	254	Yes
S	Knee Joint to seat Back	478.0 - 493.0	485	Yes
V	Shoulder Width (only one arm installed)	341.0 - 357.0	347	Yes
W	Foot Width (right)	78.0 - 94.0	85	Yes
W	Foot Width (left)	78.0 - 94.0	85	Yes
Y	Chest Circumference with Jacket	851.0 - 881.0	877	Yes
Z	Waist Circumference	761.0 - 791.0	781	Yes

Revised 9/29/2005

Report Number: 297_S2F76

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Transportation Research Center Inc.

Left Lateral Head Drop

SID IIs Serial No. 297 Certification No. 76-1

Test Date: 5/2/2025

Test Parameter	Specification	Test Results	Pass
Temperature	18.9 - 25.6 °C	21.2 °C	Yes
Relative Humidity	10 - 70 %	65 %	Yes
Peak Head Resultant Acceleration	115 - 137 g	128.2 g	Yes
Peak Head Longitudinal Acceleration	(-15) - 15 g	4.0 g	Yes
Is Head Resultant Acceleration Curve Unimodal within 15% of Peak?	< 15 %	1.00 %	Yes

Test meets specifications.

Condition: Used

Comments:

Head Skin S/N: 1330

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 12:49:52 234

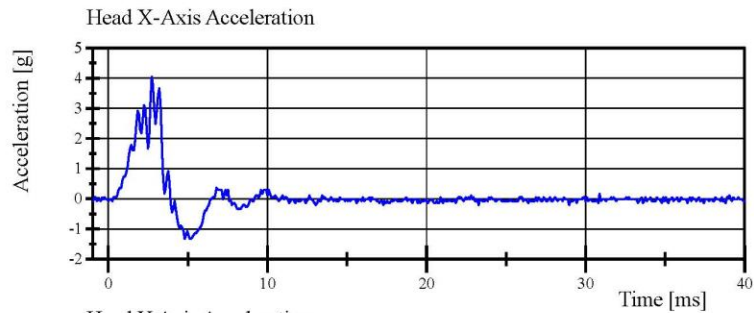


Transportation Research Center Inc.

Left Lateral Head Drop

SID IIs Serial No. 297 Certification No. 76-1

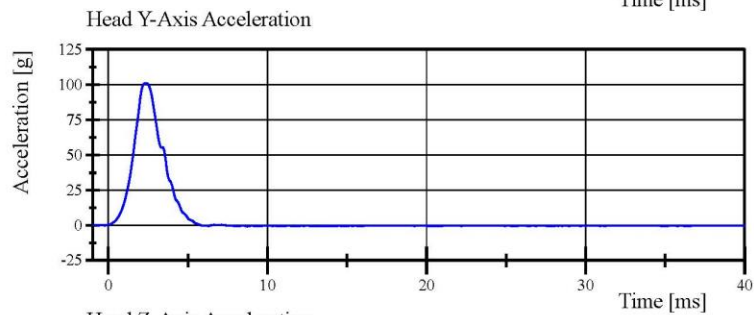
Test Date: 5/2/2025



Filter Class: CFC_1000

Max: 4.0 g at 2.7 ms

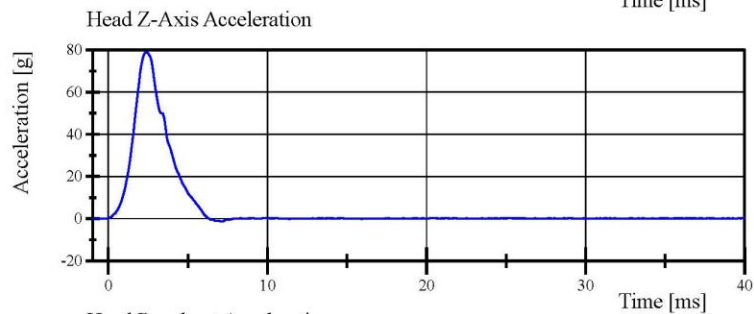
Min: -1.3 g at 4.8 ms



Filter Class: CFC_1000

Max: 101.0 g at 2.3 ms

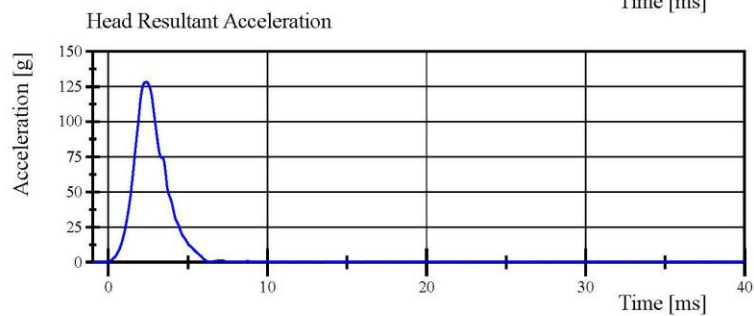
Min: -0.7 g at 8.7 ms



Filter Class: CFC_1000

Max: 78.9 g at 2.4 ms

Min: -1.2 g at 7.1 ms



Filter Class: CFC_1000

Max: 128.2 g at 2.4 ms

Min: 0.0 g at -0.6 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 12:50:50 234



Transportation Research Center Inc.

Left Lateral Neck

SID IIs Serial No. 297 Certification No. 76-2

Test Date: 5/5/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.2 °C	Yes
Relative Humidity	10 - 70 %	50 %	Yes
Pendulum Velocity	(-5.51) - (-5.63) m/s	-5.608 m/s	Yes
Pendulum Integrated Velocity			
Change at 10 ms	2.20 - 2.80 m/s	2.455 m/s	Yes
Change at 15 ms	3.30 - 4.10 m/s	3.626 m/s	Yes
Change at 20 ms	4.40 - 5.40 m/s	4.878 m/s	Yes
Change at 25 ms	5.40 - 6.10 m/s	5.846 m/s	Yes
Change at 25 to 100 ms	5.50 - 6.20 m/s	5.885 m/s	Yes
Maximum Headform Flexion			
Peak	(-71) - (-81) deg	-78.4 deg	Yes
Time of Peak	50 - 70 ms	61.5 ms	Yes
Total Neck Occipital Condyles Moment	36 - 44 N·m	42.6 N·m	Yes
Decay to 0 N·m	102 - 126 ms	112.1 ms	Yes

Test meets specifications.

Condition: Used

Comments:

Neck S/N: 779

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.05.2025 10:51:58 752

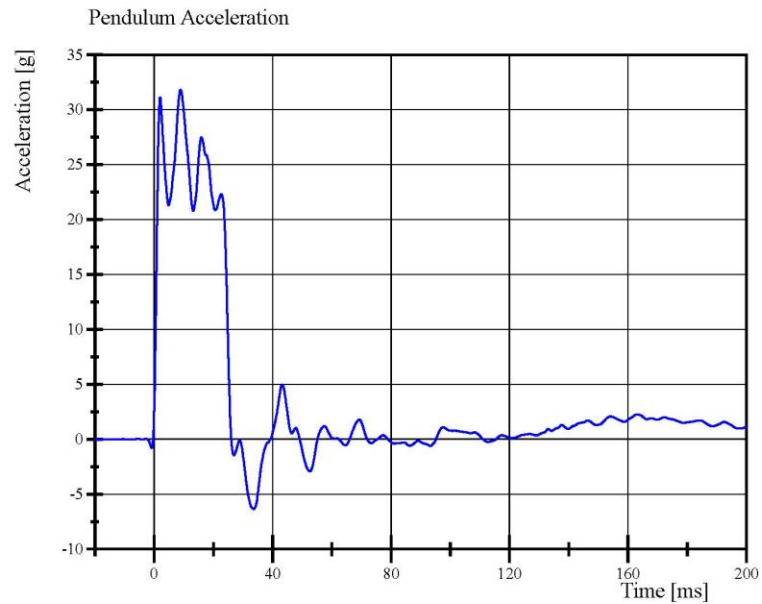


Transportation Research Center Inc.

Left Lateral Neck

SID IIs Serial No. 297 Certification No. 76-2

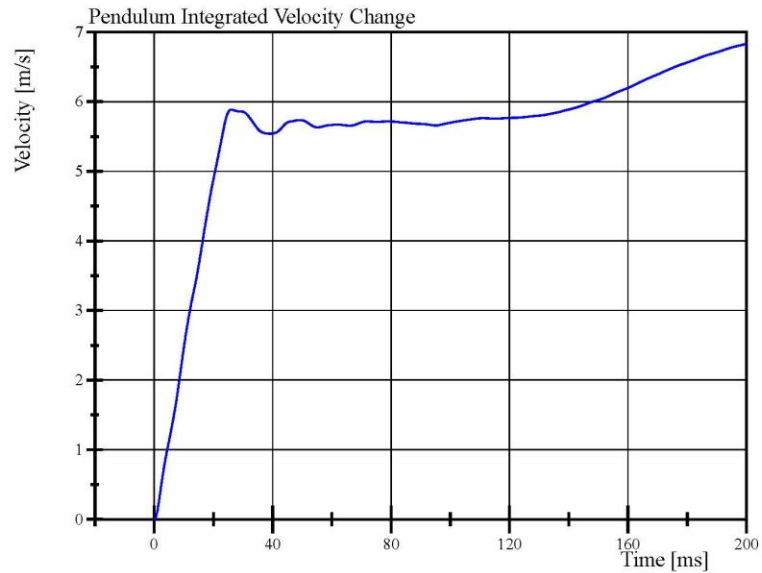
Test Date: 5/5/2025



Filter Class: CFC_180

Max: 31.8 g at 9.0 ms

Min: -6.3 g at 33.6 ms



Filter Class: CFC_180

Max: 6.8 m/s at 200.0 ms

Min: 0.0 m/s at 0.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.05.2025 10:53:05 752

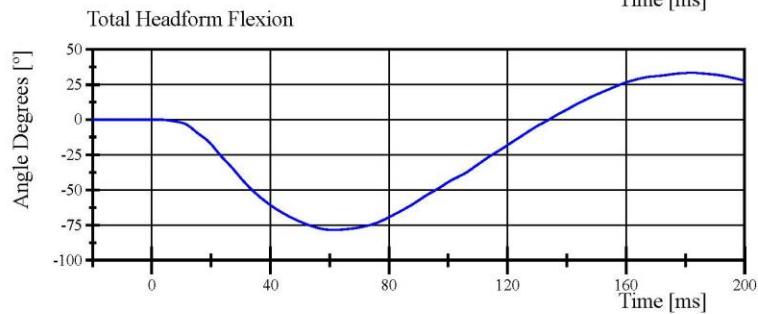
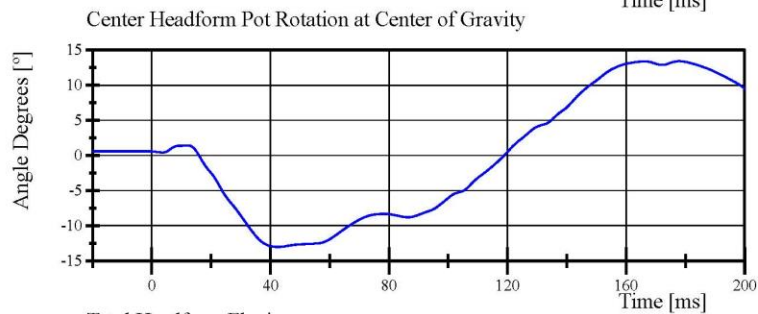
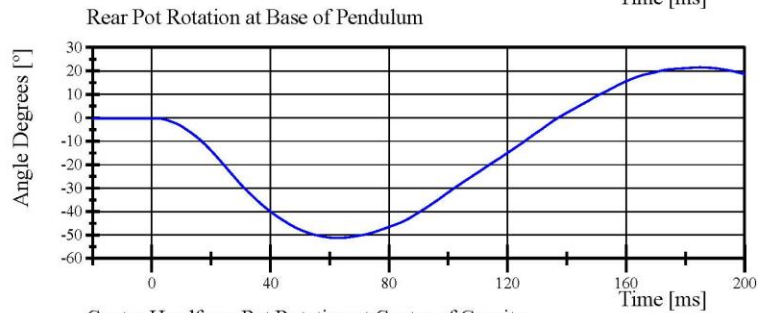
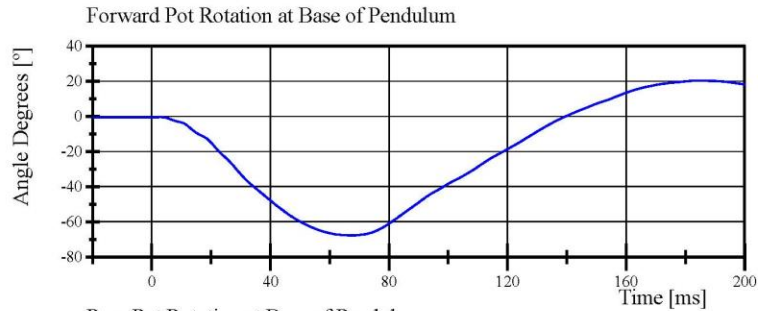


Transportation Research Center Inc.

Left Lateral Neck

SID IIs Serial No. 297 Certification No. 76-2

Test Date: 5/5/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.05.2025 10:53:06 752

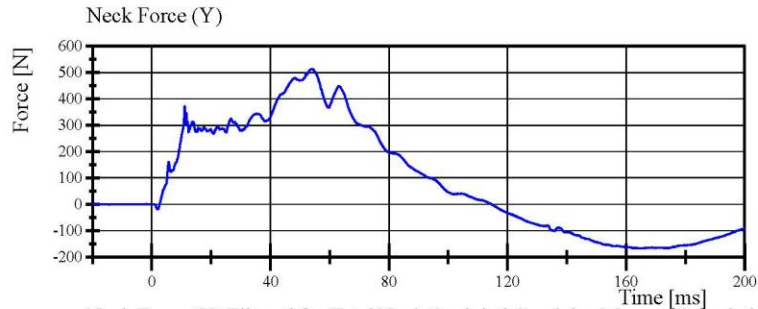


Transportation Research Center Inc.

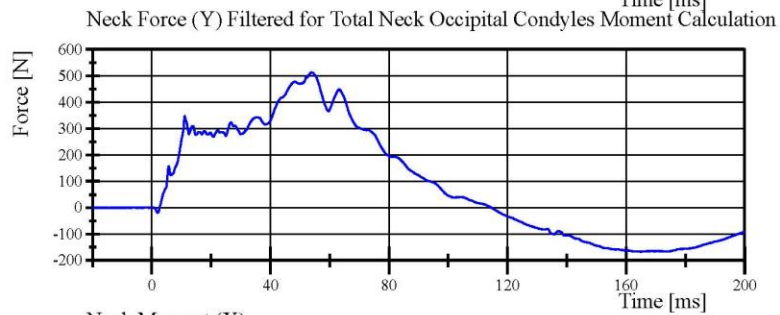
Left Lateral Neck

SID IIs Serial No. 297 Certification No. 76-2

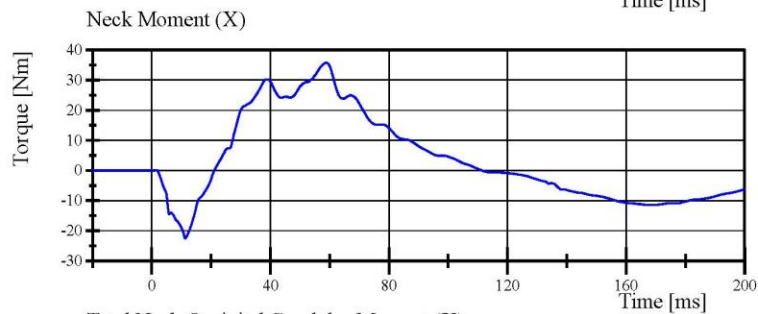
Test Date: 5/5/2025



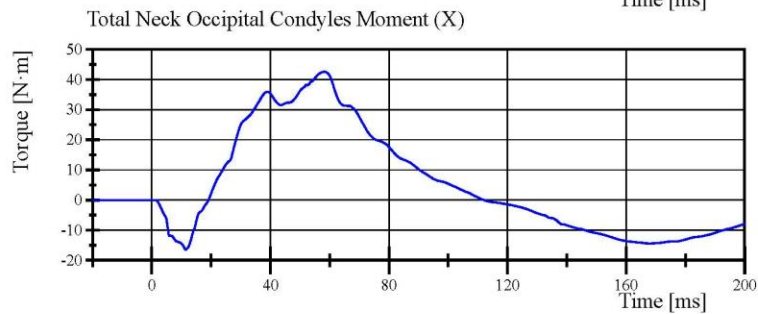
Filter Class: CFC_1000
Max: 512.9 N at 53.8 ms
Min: -167.0 N at 164.9 ms



Filter Class: CFC_600
Max: 512.5 N at 53.8 ms
Min: -166.7 N at 164.9 ms



Filter Class: CFC_600
Max: 35.7 Nm at 58.7 ms
Min: -22.5 Nm at 11.3 ms



Filter Class: Without_(Constar
Max: 42.6 N·m at 58.3 ms
Min: -16.5 N·m at 11.4 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.05.2025 10:53:06 752



Transportation Research Center Inc.

Left Lateral Shoulder

SID IIs Serial No. 297 Certification No. 76-1

Test Date: 5/2/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.4 °C	Yes
Relative Humidity	10 - 70 %	62 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-13) - (-18) g	-15.8 g	Yes
Shoulder Displacement	28 - 37 mm	31.2 mm	Yes
Upper Spine Lateral Acceleration	17 - 22 g	20.9 g	Yes

Test meets specifications.

Condition: Used

Comments:

Arm S/N: 940L

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 07:56:03 839

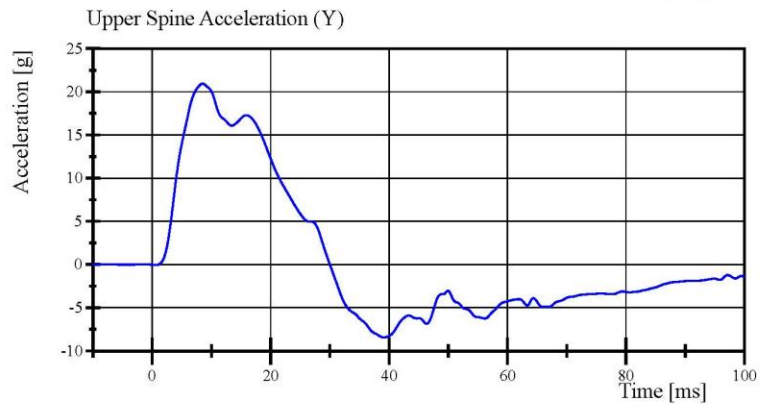
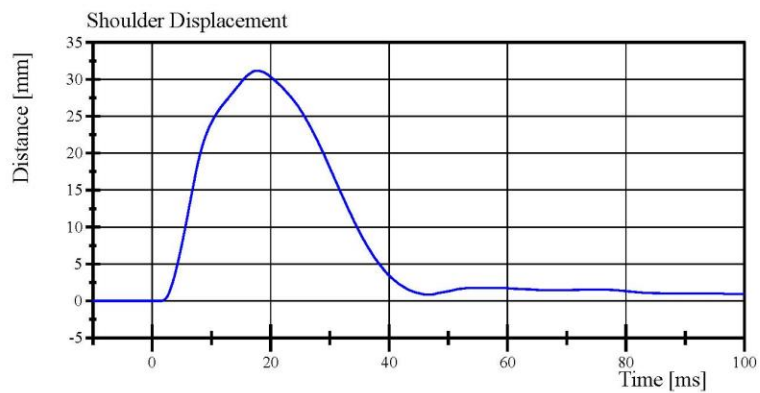
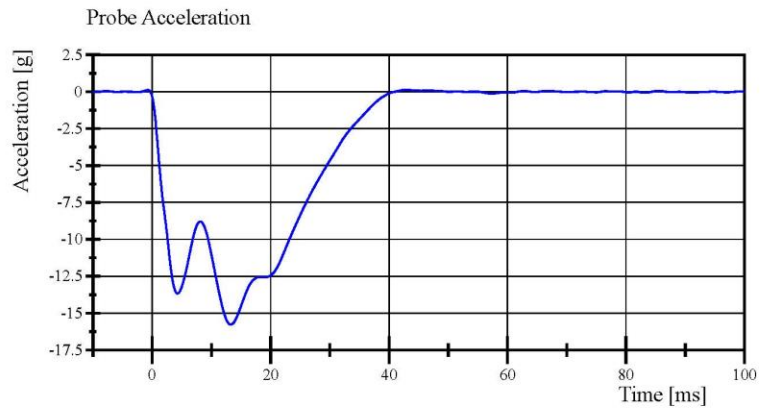


Transportation Research Center Inc.

Left Lateral Shoulder

SID IIs Serial No. 297 Certification No. 76-1

Test Date: 5/2/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 07:56:28 839



Transportation Research Center Inc.

Left Lateral Thorax with Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	20.8 °C	Yes
Relative Humidity	10 - 70 %	62 %	Yes
Impactor Velocity	6.60 - 6.80 m/s	6.727 m/s	Yes
Impactor Acceleration	(-30) - (-36) g	-33.5 g	Yes
Shoulder Displacement	31 - 40 mm	32.6 mm	Yes
Upper Thorax Rib Displacement	25 - 32 mm	26.4 mm	Yes
Center Thorax Rib Displacement	30 - 36 mm	31.9 mm	Yes
Lower Thorax Rib Displacement	32 - 38 mm	36.4 mm	Yes
Upper Spine Lateral Acceleration	34 - 43 g	40.1 g	Yes
Lower Spine Lateral Acceleration	29 - 37 g	32.0 g	Yes

Test meets specifications.

Condition: Used

Comments:

Left Arm S/N: 940L

Shoulder Rib S/N: DL9245

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

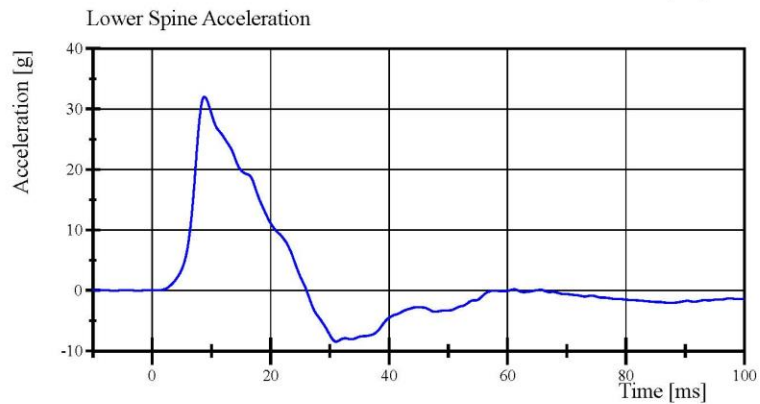
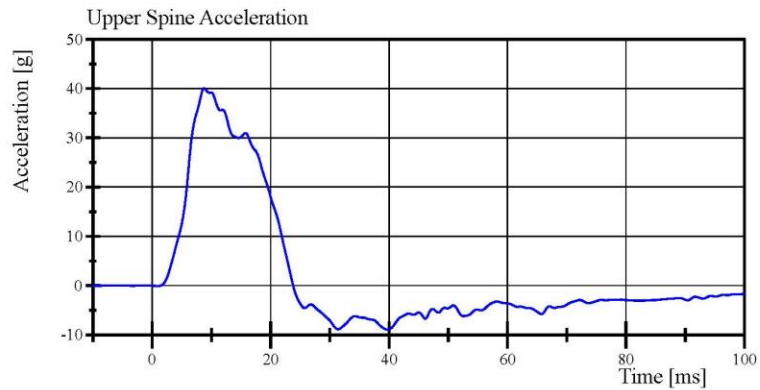
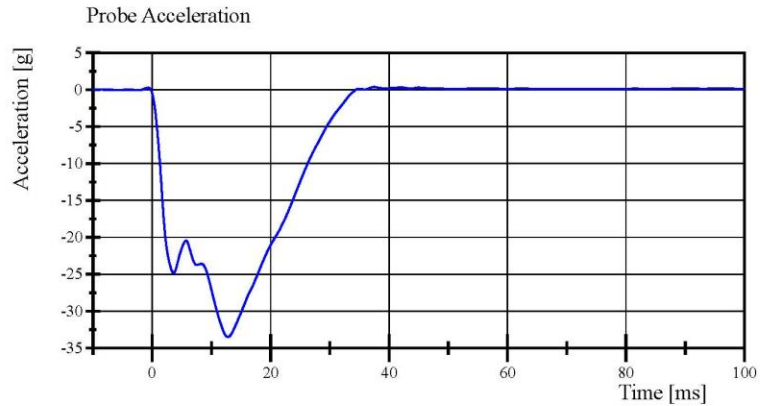
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 09:24:23 622



Transportation Research Center Inc.

Left Lateral Thorax with Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025



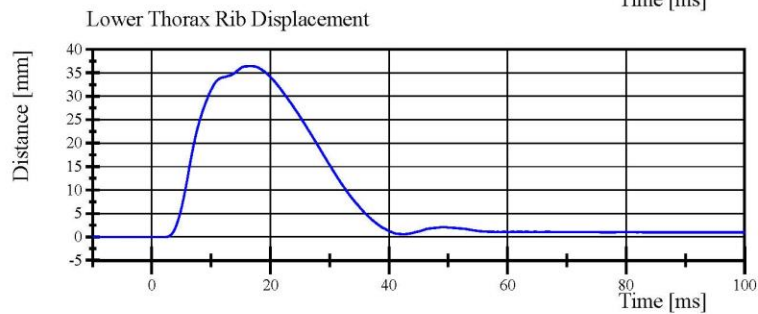
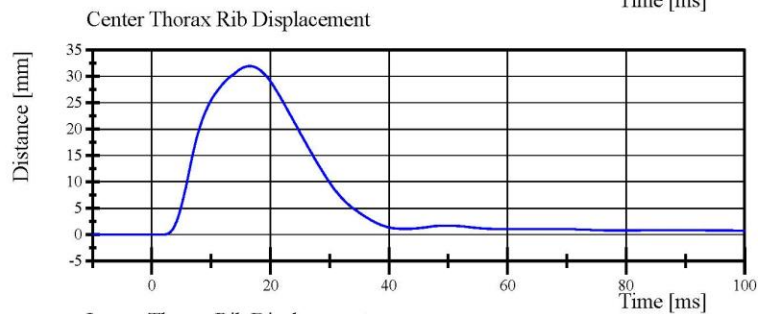
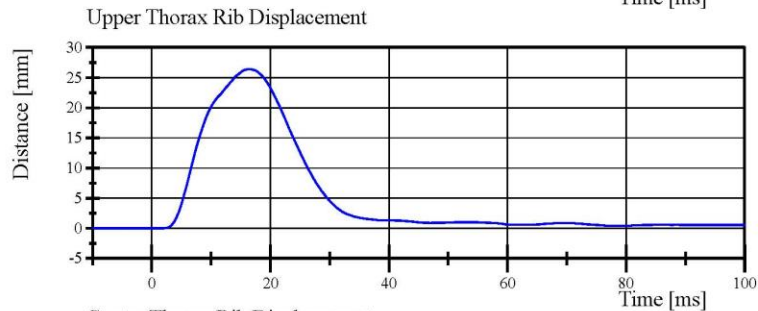
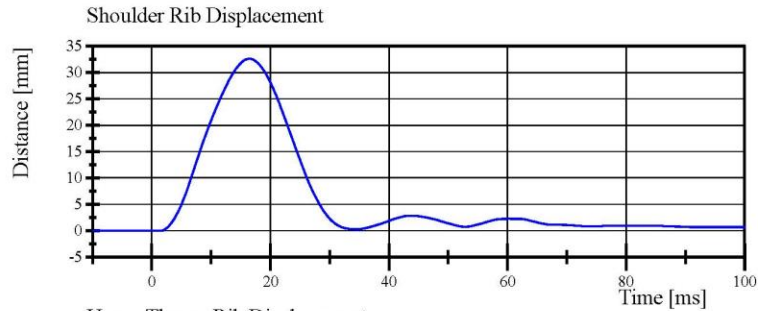
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 09:24:59 622



Transportation Research Center Inc.

Left Lateral Thorax with Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025



Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 09:24:59 622



Transportation Research Center Inc.

Left Lateral Thorax without Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	63 %	Yes
Impactor Velocity	4.20 - 4.40 m/s	4.354 m/s	Yes
Impactor Acceleration	(-14) - (-18) g	-15.5 g	Yes
Upper Thorax Rib Displacement	32 - 40 mm	35.9 mm	Yes
Center Thorax Rib Displacement	39 - 45 mm	41.4 mm	Yes
Lower Thorax Rib Displacement	35 - 43 mm	40.0 mm	Yes
Upper Spine Lateral Acceleration	13 - 17 g	13.1 g	Yes
Lower Spine Lateral Acceleration	7 - 11 g	9.5 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Thorax Rib S/N: DM5020

Middle Thorax Rib S/N: DM5021

Lower Thorax Rib S/N: DM5022

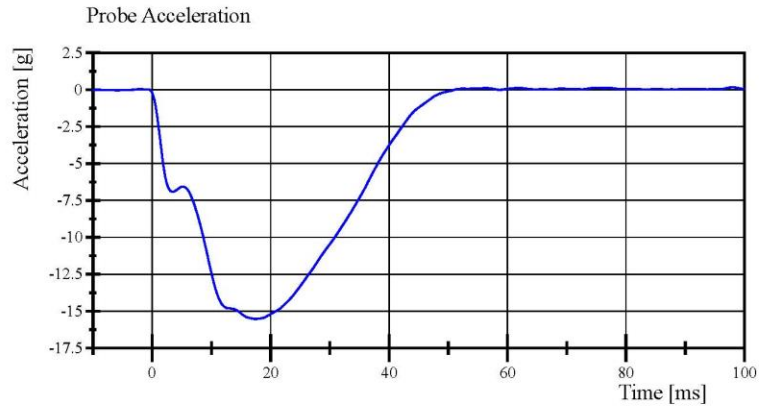
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 08:34:48 856

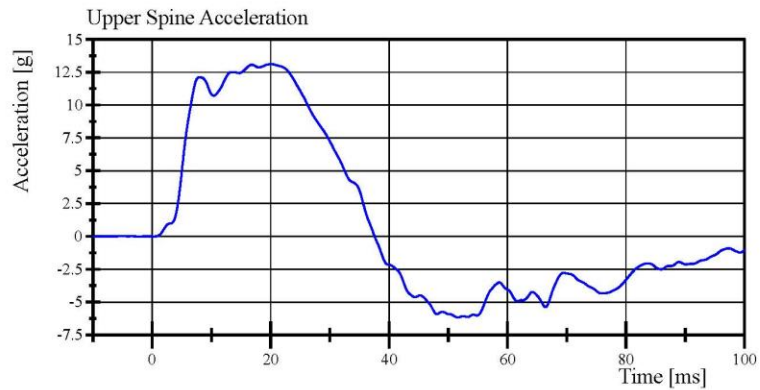


Transportation Research Center Inc.

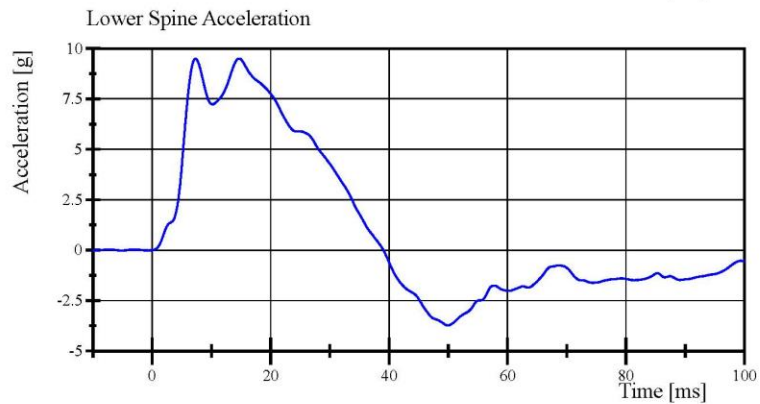
Left Lateral Thorax without Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025



Filter Class: CFC_180
Max: 0.2 g at 98.0 ms
Min: -15.5 g at 17.4 ms



Filter Class: CFC_180
Max: 13.1 g at 20.1 ms
Min: -6.2 g at 51.6 ms



Filter Class: CFC_180
Max: 9.5 g at 14.6 ms
Min: -3.7 g at 50.0 ms

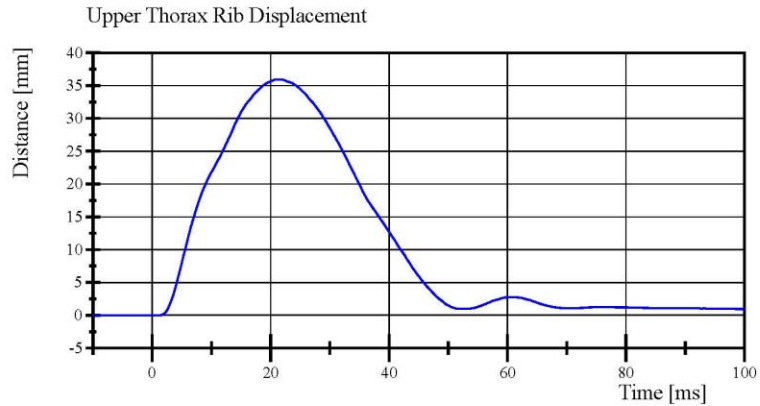
Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 08:35:18 856

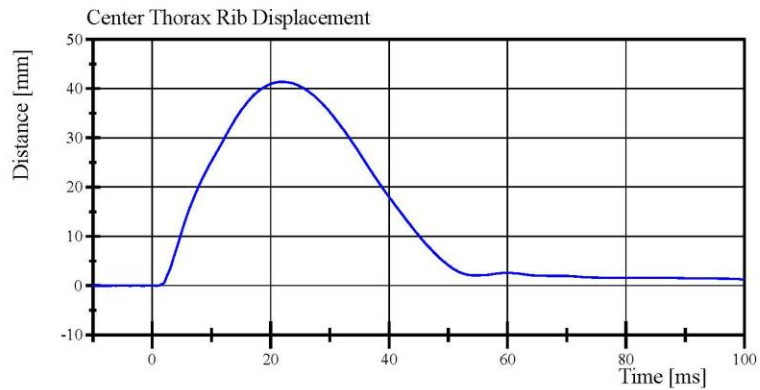


Transportation Research Center Inc.

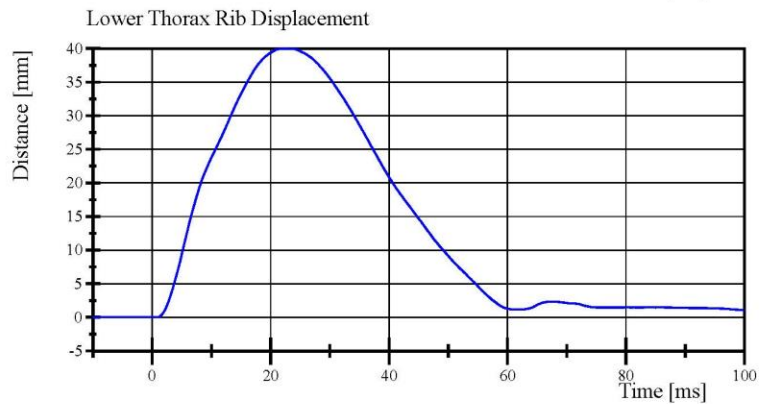
Left Lateral Thorax without Arm
SID IIs Serial No. 297 Certification No. 76-1
Test Date: 5/2/2025



Filter Class: CFC_600
Max: 35.9 mm at 21.4 ms
Min: -0.0 mm at -8.3 ms



Filter Class: CFC_600
Max: 41.4 mm at 21.9 ms
Min: -0.0 mm at 0.8 ms



Filter Class: CFC_600
Max: 40.0 mm at 22.3 ms
Min: -0.0 mm at 0.7 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 08:35:18 856



Transportation Research Center Inc.

Left Lateral Abdomen

SID IIs Serial No. 297 Certification No. 76-1

Test Date: 5/2/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.6 °C	Yes
Relative Humidity	10 - 70 %	62 %	Yes
Impactor Velocity	4.2 - 4.4 m/s	4.33 m/s	Yes
Impactor Acceleration	(-12) - (-16) g	-14.9 g	Yes
Upper Abdominal Rib Displacement	36 - 47 mm	39.3 mm	Yes
Lower Abdominal Rib Displacement	33 - 44 mm	38.2 mm	Yes
Lower Spine Lateral Acceleration	9 - 14.0 g	11.94 g	Yes

Test meets specifications.

Condition: Used

Comments:

Upper Abdominal Rib S/N: AB8010

Lower Abdominal Rib S/N: DM7275

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 08:07:33 649

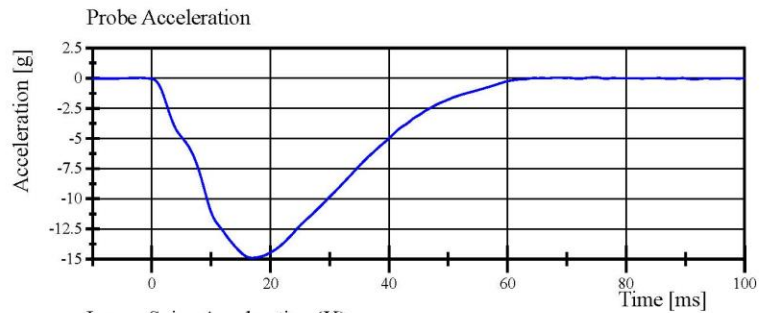


Transportation Research Center Inc.

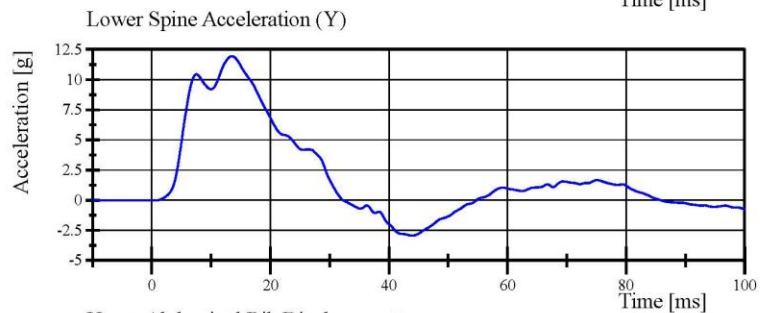
Left Lateral Abdomen

SID IIa Serial No. 297 Certification No. 76-1

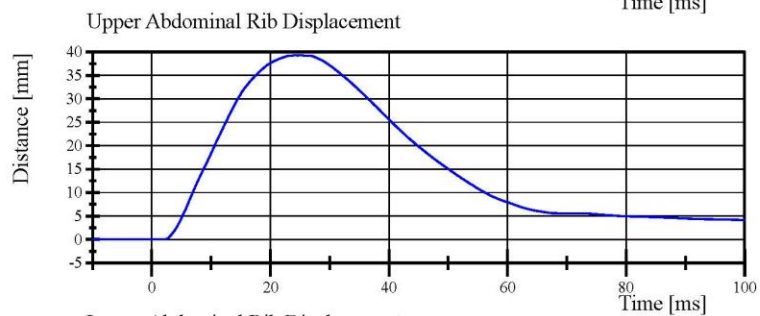
Test Date: 5/2/2025



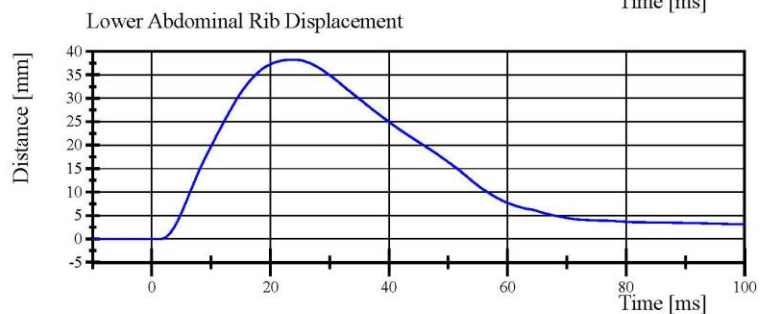
Filter Class: CFC_180
Max: 0.1 g at 74.7 ms
Min: -14.9 g at 17.0 ms



Filter Class: CFC_180
Max: 11.9 g at 13.5 ms
Min: -2.9 g at 43.9 ms



Filter Class: CFC_600
Max: 39.3 mm at 24.2 ms
Min: -0.0 mm at 1.9 ms



Filter Class: CFC_600
Max: 38.2 mm at 23.4 ms
Min: -0.0 mm at -1.8 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.02.2025 08:08:02 649



Transportation Research Center Inc.

Left Lateral Pelvis

SID IIs Serial No. 297 Certification No. 76-1

Test Date: 5/1/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.1 °C	Yes
Relative Humidity	10 - 70 %	65 %	Yes
Pendulum Velocity	6.6 - 6.8 m/s	6.62 m/s	Yes
Impactor Acceleration	(-38.0) - (-47.0) g	-43.30 g	Yes
Peak Pelvis Lateral Acceleration after 6ms	34 - 42 g	37.9 g	Yes
Acetabulum Force	3,600 - 4,300 N	3,756.6 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Pelvis Plug Info:

Manufacturer: Saco

S/N: 14465

Cal Date: 20201218

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.01.2025 15:17:01 453

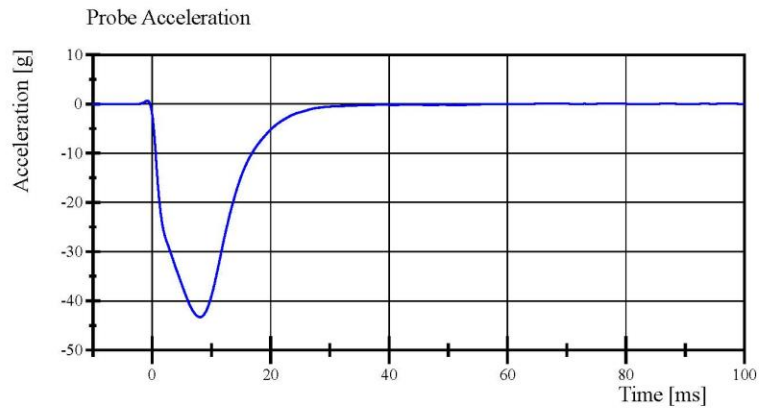


Transportation Research Center Inc.

Left Lateral Pelvis

SID IIs Serial No. 297 Certification No. 76-1

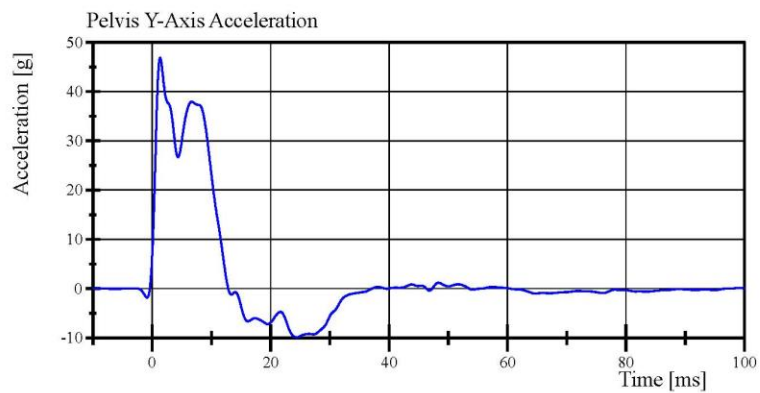
Test Date: 5/1/2025



Filter Class: CFC_180

Max: 0.6 g at -0.8 ms

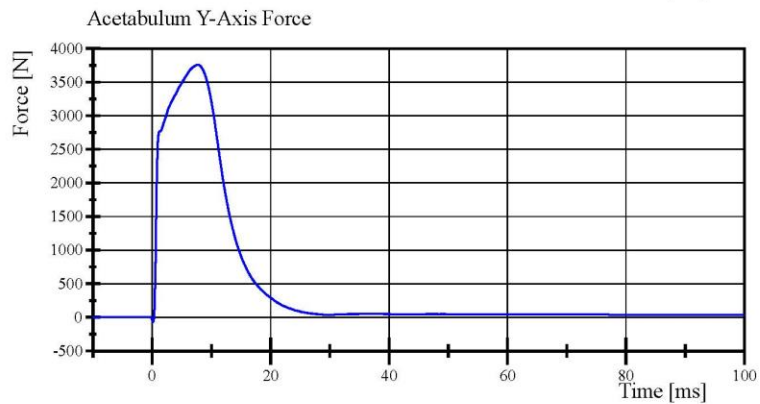
Min: -43.3 g at 8.1 ms



Filter Class: CFC_180

Max: 46.9 g at 1.4 ms

Min: -9.9 g at 24.5 ms



Filter Class: CFC_600

Max: 3,756.6 N at 7.8 ms

Min: -67.5 N at 0.2 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.01.2025 15:18:10 453



Transportation Research Center Inc.

Left Lateral Iliac

SID IIs Serial No. 297 Certification No. 76-4

Test Date: 5/6/2025

Test Parameter	Specification	Test Results	Pass
Temperature	20.6 - 22.2 °C	21.3 °C	Yes
Relative Humidity	10 - 70 %	50 %	Yes
Pendulum Velocity	4.2 - 4.4 m/s	4.23 m/s	Yes
Impactor Acceleration	(-36) - (-45) g	-43.1 g	Yes
Peak Pelvis Lateral Acceleration	28 - 39 g	34.4 g	Yes
Iliac Force	4,100 - 5,100 N	5,018.2 N	Yes

Test meets specifications.

Condition: Used

Comments:

Pelvis Skin S/N: 1171

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.06.2025 10:48:40 702

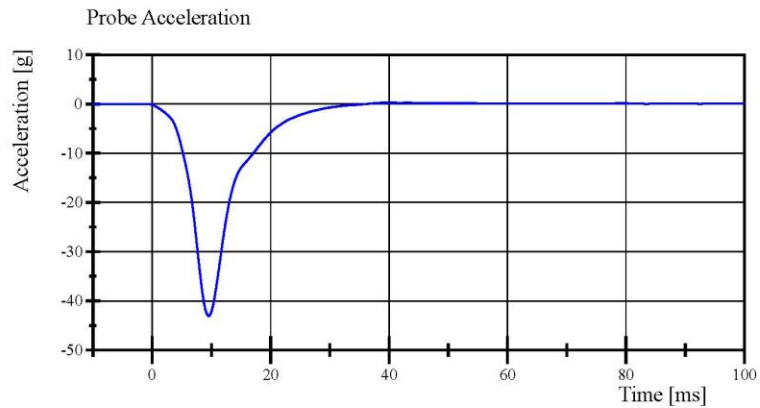


Transportation Research Center Inc.

Left Lateral Iliac

SID IIs Serial No. 297 Certification No. 76-4

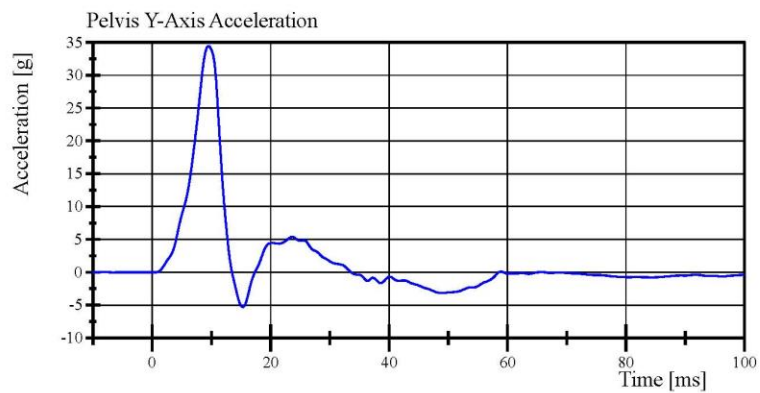
Test Date: 5/6/2025



Filter Class: CFC_180

Max: 0.3 g at 40.4 ms

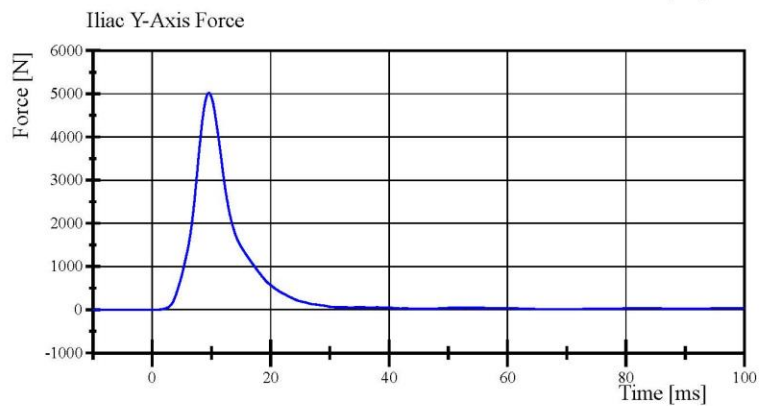
Min: -43.1 g at 9.5 ms



Filter Class: CFC_180

Max: 34.4 g at 9.5 ms

Min: -5.3 g at 15.3 ms



Filter Class: CFC_600

Max: 5,018.2 N at 9.5 ms

Min: -0.9 N at -5.0 ms

Specification Source: CFR49 Part 572 Subpart V
with Polarity in accordance with J211

05.06.2025 10:49:58 702



APPENDIX D
TEST EQUIPMENT AND INSTRUMENTATION CALIBRATION DATA

TABLE 1 – Dummy Instrumentation (SID-IIs)

				SID-IIs S/N 297			
				Serial Number	Manufacturer	Calibration Date	
Head Accelerometers				X	T17622	Endevco	17-Jan-2025
				Y	T24507	Endevco	17-Jan-2025
				Z	T17636	Endevco	17-Jan-2025
Displacement Potentiometers	Shoulder			Y	N/A	N/A	N/A
	Thoracic Rib	Upper	Y	023	Servo	24-Mar-2025	
		Middle	Y	063	Servo	24-Mar-2025	
		Lower	Y	043	Servo	24-Mar-2025	
	Abdominal Rib	Upper	Y	051	Servo	24-Mar-2025	
		Lower	Y	081	Servo	24-Mar-2025	
Lower Spine Accelerometers (T12)				X	T20232	Endevco	16-Jan-2025
				Y	T11866	Endevco	21-Jan-2025
				Z	T17633	Endevco	16-Jan-2025
Acetabulum Load Cell				Y	235-FY	FTSS	26-Apr-2024
Iliac Wing Load Cell				Y	320-FY	Denton	26-Apr-2024
Pelvis Plug (struck side)					14473	Saco	18-Dec-2020
Pelvis Plug (non-struck side)					14474	Saco	18-Dec-2020

TABLE 2 – Vehicle Instrumentation

Vehicle Instrumentation		Serial Number	Manufacturer	Calibration Date
Vehicle Center of Gravity	X	A379023	Measurement Specialties	3-Mar-2025
Vehicle Center of Gravity	Y	A377519	Measurement Specialties	3-Mar-2025
Vehicle Center of Gravity	Z	A377528	Measurement Specialties	3-Mar-2025
Left Floor Sill	Y	A381834	Measurement Specialties	16-Apr-2025
A-Pillar Sill	Y	A349899	Measurement Specialties	16-Apr-2025
A-Pillar Low	Y	A400068	Measurement Specialties	16-Apr-2025
A-Pillar Mid	Y	A400106	Measurement Specialties	16-Apr-2025
B-Pillar Sill	Y	A318447	Measurement Specialties	16-Apr-2025
B-Pillar Low	Y	A298374	Measurement Specialties	16-Apr-2025
B-Pillar Mid	Y	A349883	Measurement Specialties	16-Apr-2025
Driver Seat	Y	A381830	Measurement Specialties	16-Apr-2025
Engine Top	X	A377525	Measurement Specialties	16-Apr-2025
Engine Top	Y	A400088	Measurement Specialties	16-Apr-2025
Firewall	Y	A378375	Measurement Specialties	16-Apr-2025
Right Roof	Y	A377523	Measurement Specialties	3-Mar-2025
Right Floor Sill	Y	A300416	Measurement Specialties	16-Apr-2025
Rear Floor Pan	X	A230699	Measurement Specialties	16-Apr-2025
Rear Floor Pan	Y	A377512	Measurement Specialties	16-Apr-2025

TABLE 3 – Pole Instrumentation

Pole Instrumentation	Serial Number	Manufacturer	Calibration Date
Load Cell 1	DK7091S	Humanetics	13-Jan-2025
Load Cell 2	DK7120S	Humanetics	13-Jan-2025
Load Cell 3	DK7118S	Humanetics	13-Jan-2025
Load Cell 4	DK7124S	Humanetics	13-Jan-2025
Load Cell 5	DK7111S	Humanetics	13-Jan-2025
Load Cell 6	DK7126S	Humanetics	13-Jan-2025
Load Cell 7	DK7112S	Humanetics	13-Jan-2025
Load Cell 8	DK7074S	Humanetics	13-Jan-2025