



**EASY CAR SEAT
INFLATABLE CHILD SEAT TESTING**

MGA Reference No.: C11S3-042.1

Test Date: April 6, 2011

Report Date: April 12, 2011

FINAL REPORT

PREPARED FOR:

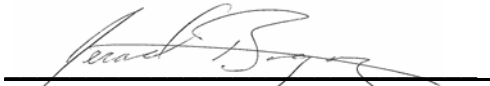
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SIGNATURE APPROVAL PAGE

Procedure Number: NHTSA FMVSS 213 Sled Test Procedure
dated February 8, 2011

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Date: April 12, 2011

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Date: April 12, 2011

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The results presented in this report relate only to the specified test items.

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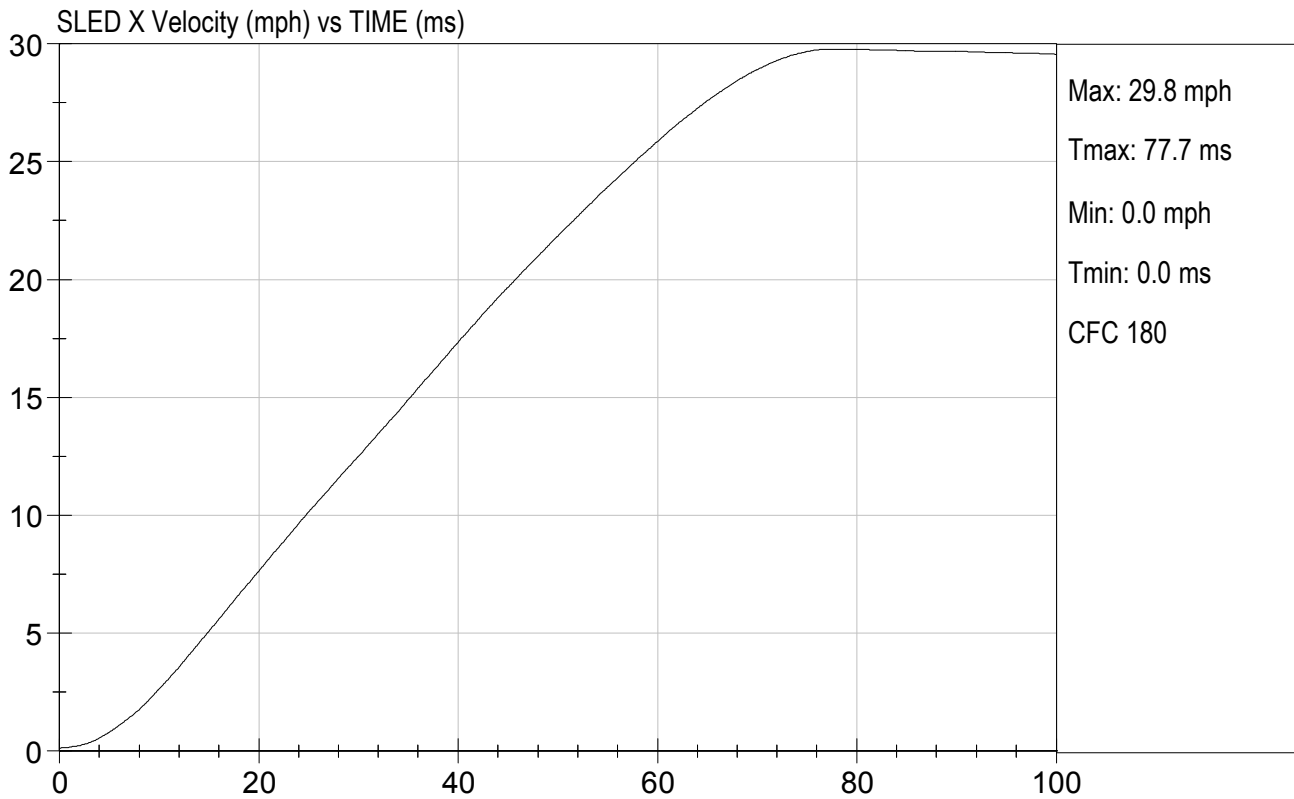
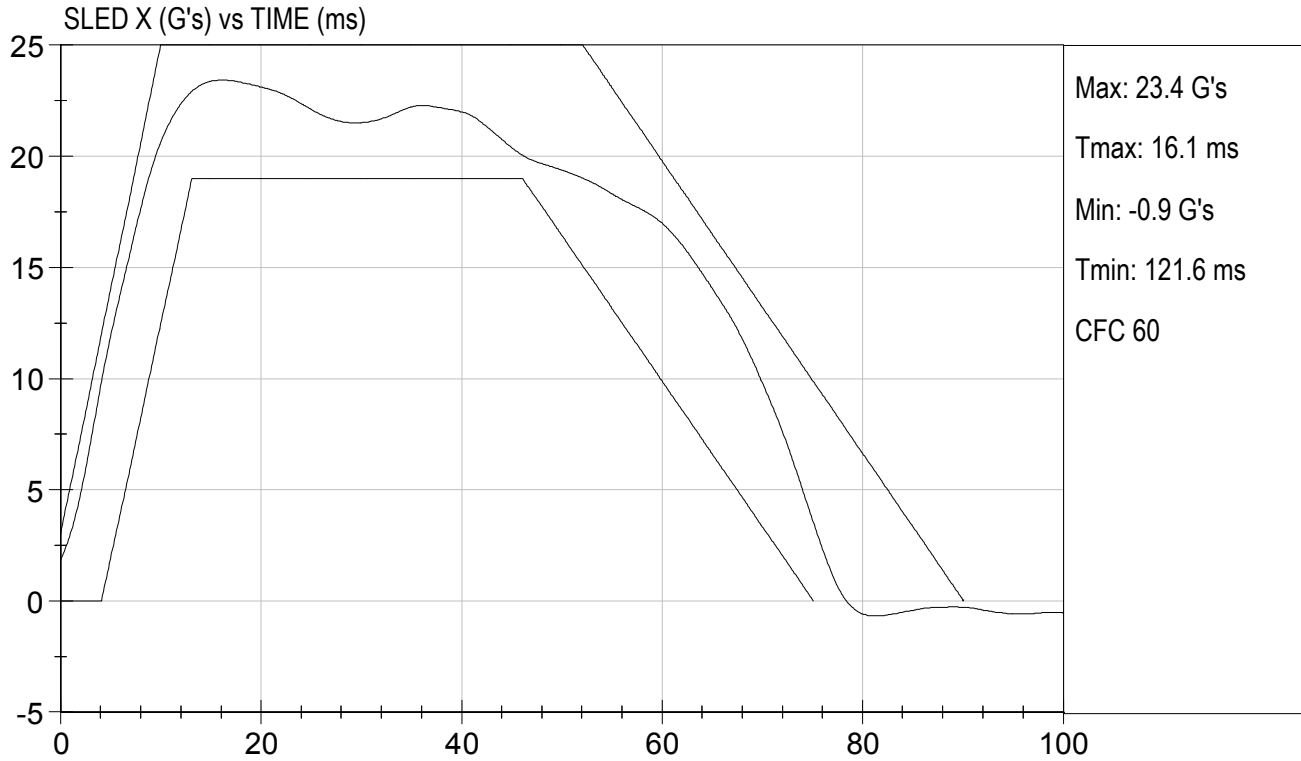
TEST DATA NO. 1

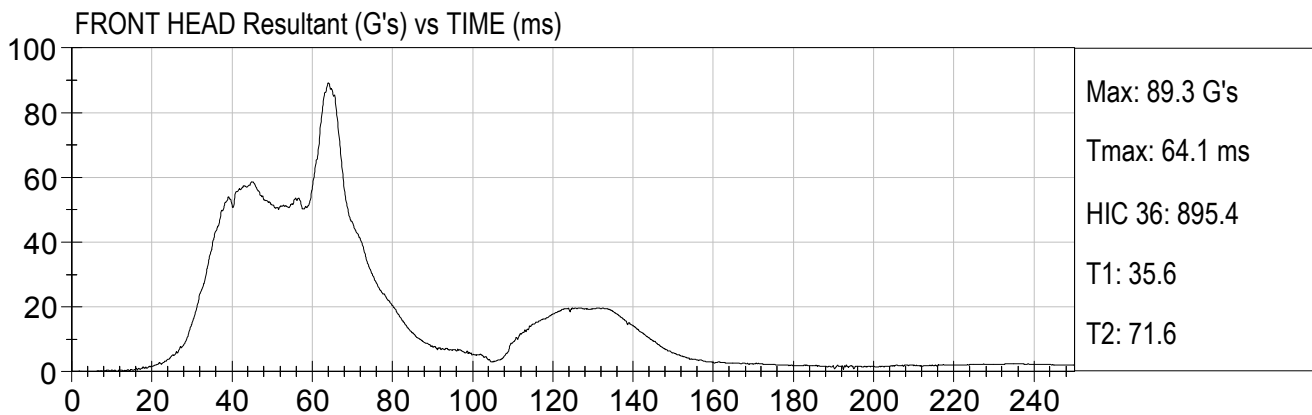
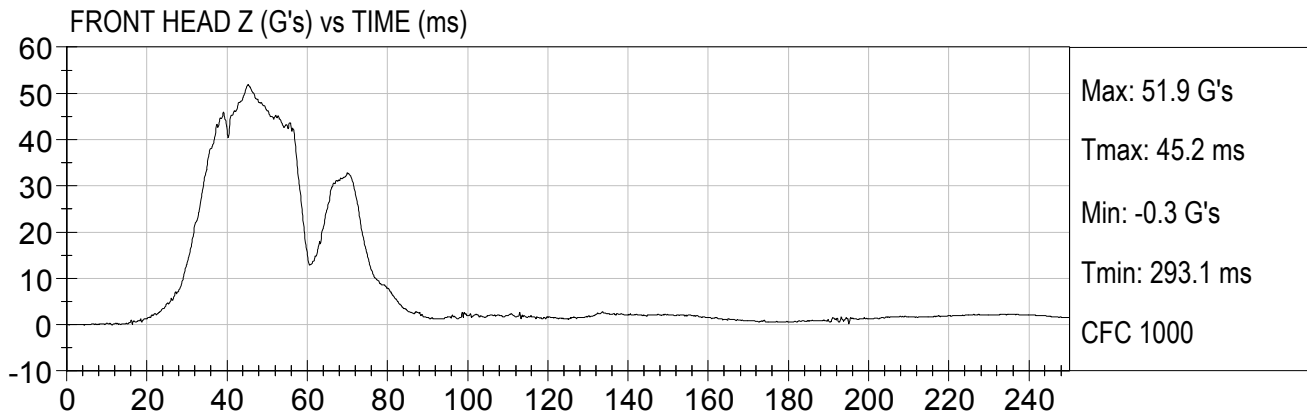
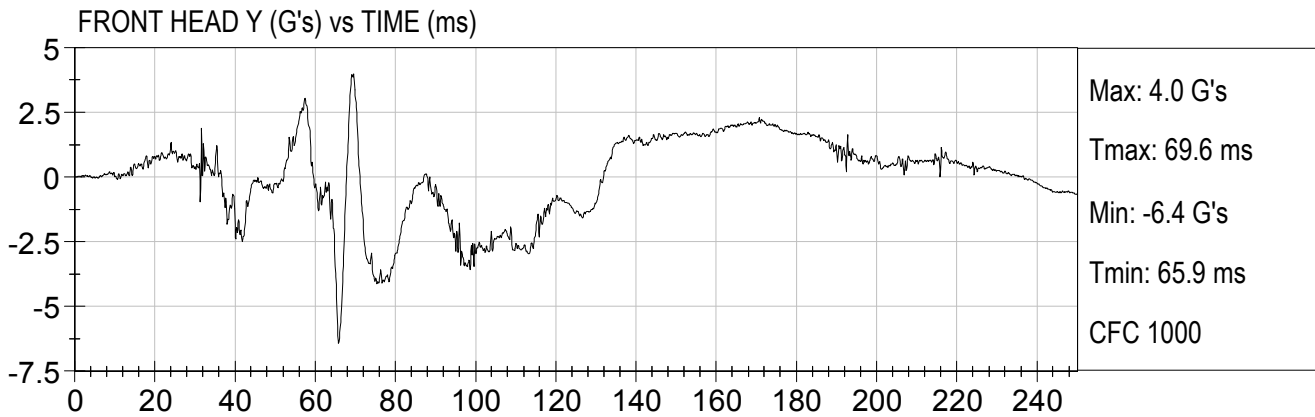
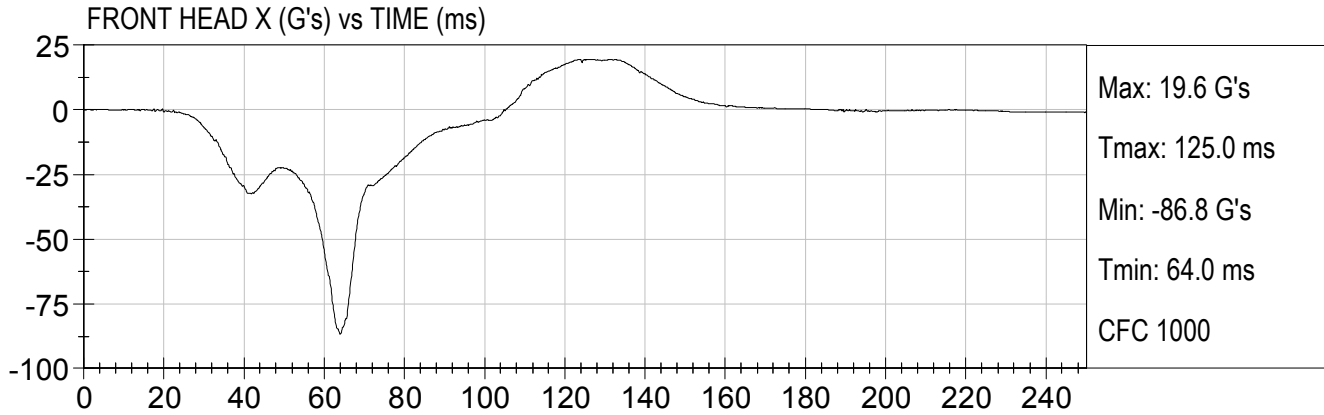
Dynamic Impact Test Conditions (FMVSS 213, S6.1)	
Sled Test No.:	H11271F
Test Date:	4/6/2011
Nominal Velocity (mph):	30.0 (-2, +0)
Test Bench Used:	August 2005
Type of Dummy Used:	Part 572 P (Hybrid III 3 YO)
Serial Number:	025
Temperature (Deg. F):	72
Relative Humidity (%):	33
Child Restraint System	
Model Number and Description:	Inflatable Seat
Installation Mode:	Forward-Facing with lap/shoulder belt
Adjustment Mode:	Upright
Shoulder Belt Location:	N/A
Crotch Belt/Shield Location:	N/A
Pulse Results	
Actual Peak Acceleration (g):	23.4
Actual Velocity (mph):	29.8

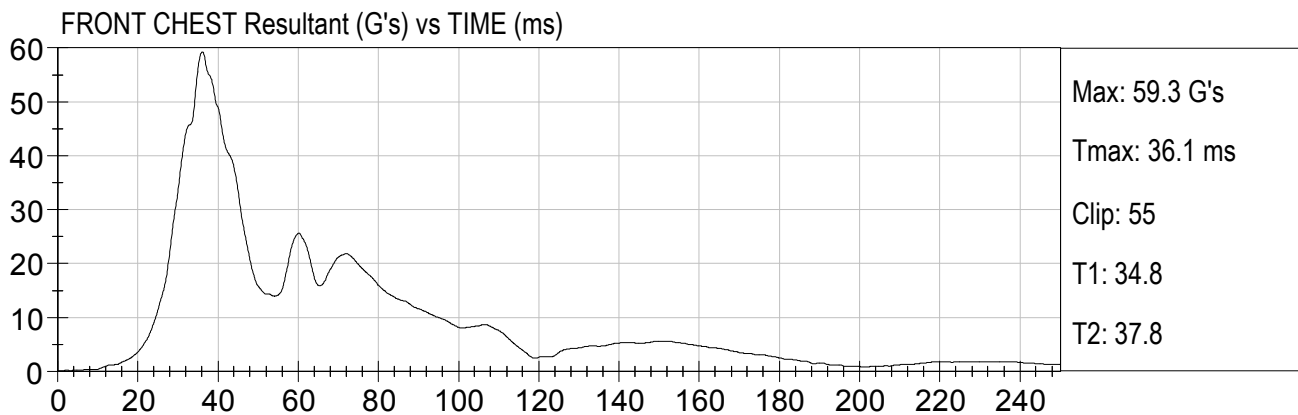
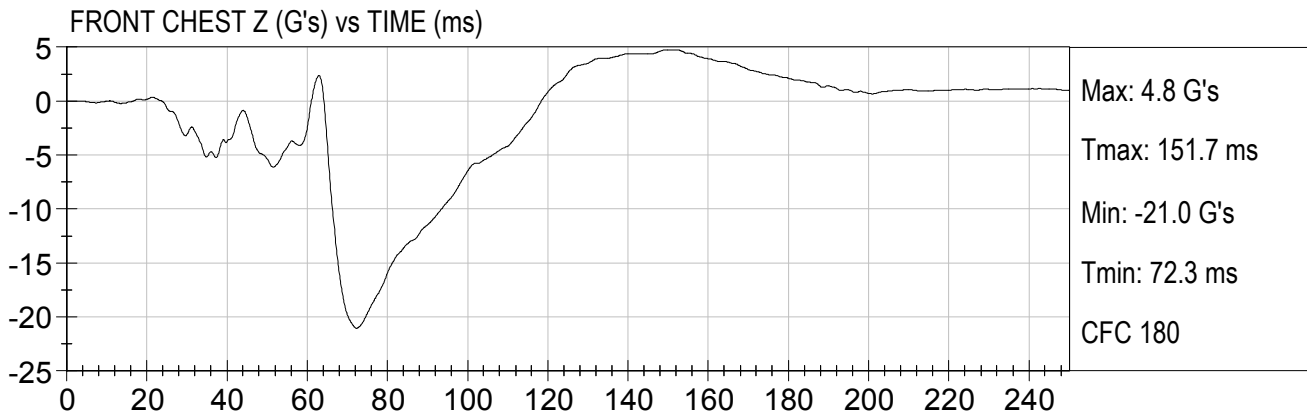
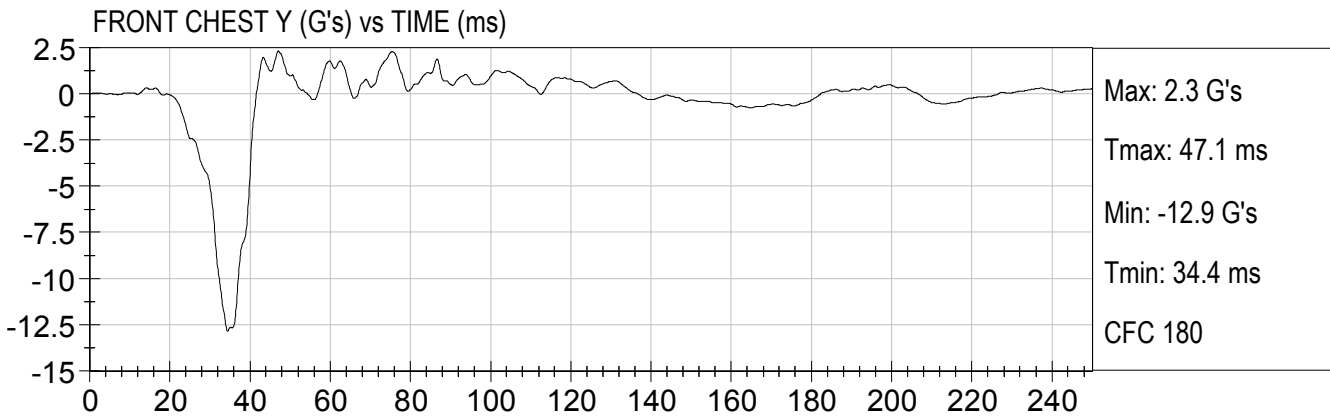
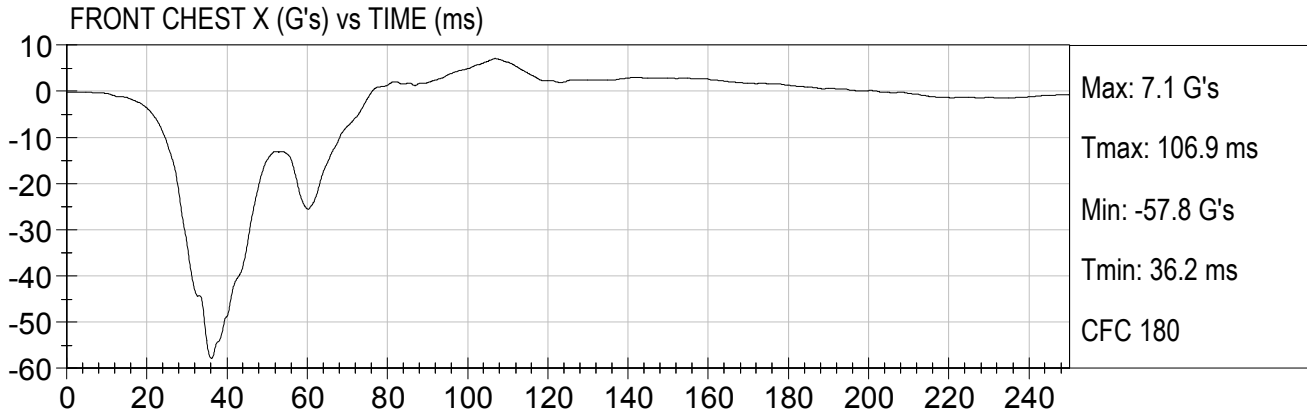
Injury Criteria (FMVSS 213, S5.1.2)		
Test	Compliance Requirement	Test Result
Head Injury Criterion	≤ 1000	895
Chest Injury Criterion	Cumulative Duration Over 60 g < 3 ms	3 msec clip = 55.0 Duration exceeded 60 g = 0.0

Restraint System Integrity (FMVSS 213, S5.1.1)		
Test	Compliance Requirement	Test Result
Structural Integrity	No complete separation	None
	No partial separation with exposed edge radius < 6.35 mm (1/4 in)	None
	No partial separation With protrusions > 9.53 mm (3/8 in)	None
Adjustment Position	No change	None
Back Surface/ Seating Surface Angle	Not < 45 degrees	>45°

Occupant Excursion (FMVSS 213, S5.1.3, S5.1.4, S5.2.1.1(c))		
Test	Compliance Requirement	Test Result
Torso Retention (FMVSS 213, S5.1.3.1)	Retain within system	Retained
Head Excursion (FMVSS 213, S5.1.3.1)	≤ 81.3 cm (32 in)	18.1 in.
Knee Target Excursion (FMVSS 213, S5.1.3.1)	≤ 91.5 cm (36 in)	25.3 in.
Head – Torso Angle (FMVSS 213, S5.2.1.1(c))	Rearward change ≤ 45 degrees	<45°



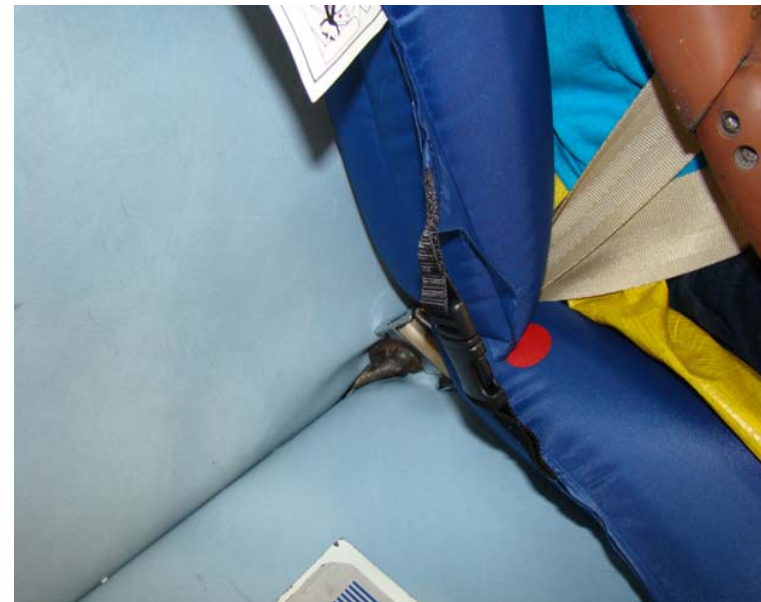
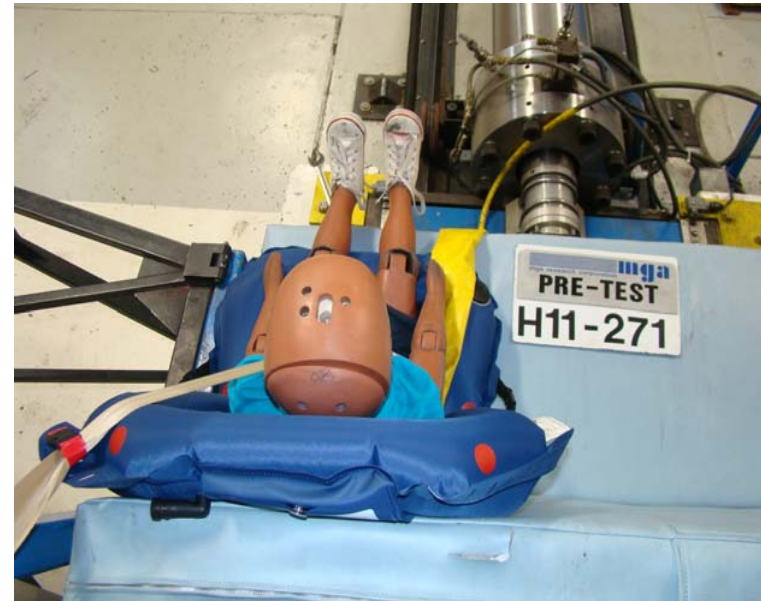




Sled Test: H11271F

Pre-Test







Sled Test: H11271F

Post-Test



Sled Test: H11271F

Post-Test

