



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

FSTL  
4545 W. Augusta Blvd.  
Chicago, IL 60625  
Dave Klopp Phone: (773) 524 2440

MECHANICAL

Valid To: July 31, 2017

Certificate Number: 2324.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on transportation seating products:

<u>Test</u>	<u>Test Methods</u>
Child Restraint Anchorage Systems*: Tension Up to 9000 lbs	CMVSS 210.1, 210.2; FMVSS 571.225; FSTL Tension Test Procedures LP03, LP25, LP28
Compression*: Up to 5000 lbs	FSTL Compression Test Procedures LP04, LP23, LP25, LP28
Cyclic Fatigue*: (100 to 250) lbs Up to 12 in Up to 10 Hz	FSTL Fatigue Test Procedures LP02, LP24
Devices for Use in Defining and Measuring Vehicle Seating Accommodation – Hpoint: Displacement Up to 36 in	SAE J826 (November 2008)
Displacement*: Up to 36 in	FSTL Displacement Test Procedures LP01
School Bus Passenger Seating and Crash Protection*: Tension Up to 9000 lbs Compression Up to 5000 lbs Displacement Up to 36 in  Seat performance forward and reward. Seat cushion latching and retention. Quasi-static test of compartmentalization and Type 2 seat belt performance.	CMVSS 222; FMVSS 571.222

<u>Test</u>	<u>Test Methods</u>
Seat Belt Assembly Anchorages*: Tension Up to 9000 lbs	CMVSS 210; FMVSS 571.210; FSTL Tension Test Procedures LP03, LP25,
Seating Systems*: Tension Up to 9000 lbs	CMVSS 207; FMVSS 571.207; FSTL Tension Test Procedures LP03, LP25, LP28
Vibration (Hydraulic Single Axis)*: Up to 3 in Stroke (5 to 70) Hz Up to 30 g 6000 lbs force	FSTL Vibration Test Procedures LP30, LP31

*\*Also using similar test methods based on the parameters listed above.*





## *Accredited Laboratory*

A2LA has accredited

**FSTL**

*Chicago, IL*

for technical competence in the field of

**Mechanical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 15<sup>th</sup> day of September 2015.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 2324.01  
Valid to July 31, 2017  
Revised June 27, 2017

*For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*