### Report No. 4807558-024

# CHILD RESTRAINT SYSTEM COMPONENT TESTS FMVSS 213

Model No: Aton M

SGS North America Inc. Connectivity and Retail 291 Fairfield Avenue Fairfield, NJ 07004



January 14, 2022

**FINAL REPORT** 

213-SGS-21-024

**PREPARED FOR** 

U.S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
1200 NEW JERSEY AVE, SE (ROOM W45-304)
WASHINGTON, D.C. 20590

This publication is distributed by the U.S. Department of Transportation, National Highway Traffic Administration, in the interest of information exchange. The opinions, findings and conclusions expressed in this publication are those of the author(s) and not necessarily those of the Department of Transportation or the National Highway Traffic Safety Administration. The United States Government assumes no liability for its contents or use thereof. If trade or manufacturers' names or products are mentioned, it is only because they are considered essential to the object of the publication and should not be construed as an endorsement. The United States Government does not endorse products or manufacturers.

**Report No.:** 4807558-024

Prepared by: SGS North America Inc.

Frank Carina

**Date:** January 14, 2022

Report Accepted by:

Contract Technical Manager, O.V.S.C. Office of Vehicle Safety Compliance

Accepted By:

Kelley Adams-Campos

**Acceptance Date:** 

1. Report No. 213-SGS-21-024	2. Govt. Accession No.	3. Recipient's Catalog No.
4. Title and Sub-Title CHILD RESTRAINT SYSTEM, COMPONENT PARTS, Model No.: Aton M		5. Report Date: January 14, 2022
6. Performing Organization SGS-213-21-024	n Code	7. Author: Frank Savino, Project Manager
8. Performing Organization Report No. SGS-DOT-213-21-024		9. Performing Organization Name and Address: SGS North America Inc. 291 Fairfield Avenue Fairfield, NJ 07004
10. Work Unit No.		11. Order Number DTNH22-17-D-00079
12. Sponsoring Agency N U.S. DEPARTMENT	ame and Address: FOF TRANSPORTATION	13. Type of report and Period Covered
ADMIN ENFO OFFICE OF VEHICL 1200 NEW JERSEY	WAY TRAFFIC SAFETY NISTRATION PRCEMENT E SAFETY COMPLIANCE AVE, SE (ROOM W45-304) TON, D.C. 20590	FINAL TEST REPORT June 4- July 22, 2021
14. Sponsoring Agency C	ode: NVS-220	15.
16 Abstract		

### 16. Abstract

THIS REPORT PRESENTS THE RESULTS OF TESTS PERFORMED IN ACCORDANCE WITH FEDERAL MOTOR VEHICLE SAFETY STANDARD NO. 213 ON CHILD RESTRAINT SYSTEM COMPONENT PARTS.

MODEL NUMBER: Aton M

ALL TESTS WERE SATISFACTORILY COMPLETED.

17. Key Words	18. Distribution Statement			
FMVSS No. 213	Copies of this report are available from:			
Child Restraint System Safety Engineering	National Highway Troffic Safaty Administration			
Safety Engineering	1	National Highway Traffic Safety Administration Technical Information Services, Room 5111 (NPO-411)		
		·		
	1	1200 New Jersey Avenue, SE (Room E12-100)		
	Washington, DC 20590			
	email: tis@nhtsa.dot.gov			
	Telephone No. 202-493-2833			
10 Consider Clouds	oo Coowity Clossif	or No of Donos	oo Duiss	
19. Security Classif.	20. Security Classif.	21. No. of Pages	22. Price	
(of this report)	(of this Page)	46		
Unclassified	Unclassified			

### **TABLE OF CONTENTS**

Section 1. Purpose and Test Procedure

Section 2. Inspection Data and Test Data

Appendix A. Equipment List and Calibration Schedules

**Appendix B.** Interpretations or Deviations from FMVSS No. 213

**Appendix C.** Footnotes

Appendix D. Photographs of Equipment and Seat

#### **SECTION 1**

### **PURPOSE AND TEST PROCEDURES**

#### **PURPOSE AND TEST PROCEDURES**

<u>Purpose:</u> The purpose of this report was to determine if the production child

restraint components parts supplied by the National Highway Traffic Safety Administration met the requirements of Federal Motor Vehicle

Safety Standard Number 213 - "Child Restraint System".

**Test Procedures:** The "SGS North America Inc. Laboratories Test Procedure for FMVSS No.

213" dated July 2012 submitted and approved by the office of Vehicle Safety Compliance National Highway Traffic Safety

Administration contains the specific procedures used to conduct this test. This procedure shall not be interpreted to be in conflict with any portion of FMVSS No. 213 and amendments in effect as noted in the

applicable order.

#### **SECTION 2**

### **INSPECTION DATA AND TEST DATA**

### INSPECTION AND TEST DATA FMVSS NO. 213 - CHILD RESTRAINT SYSTEMS

### **Child Restraint System Identification**

ПЛ	an	uifa	ct.	rer:
IVI	an	шта	CTU	ırer:

Name: Columbus Trading-Partners USA Inc

Attn: ParentLink

Address: 1801 Commerce Drive

Piqua, OH 45356-9960

Model: Aton M

Technicians: Charles Kehaya, Nik Kitov, John Roycraft

**Project Manager:** Frank Savino

### **WEBBING PERFORMANCE TESTS (S213-5.4.1)**

**Report No.**: 4807558-024

**Test Date**: July 22, 2021

### **Laboratory Ambient Conditions During Testing**

Temperature: 73 ° F

Relative Humidity: 50 %

### Webbing Usage on Restraint: Harness

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Non-Degraded Webbing (FMVSS 213, S5.4.1.2(a)), (FMVSS 209, S5.1 (b))	New webbing breaking strength, 15,000 N (webbing used to secure CRS to vehicle) or 11,000 N (webbing used to secure child within CRS)	1. 14,441 2. 14,241 3. 14,465	Pass
Resistance to Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.1(d)) Abrasion Cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	Median: 14,441  1. 12,849  2. 12,625  3. 12,322  Median: 12,625  Strength Retained: 87.4%	Pass
Resistance to Buckle Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.3(c))  Abrasion cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A¹

### WEBBING PERFORMANCE TESTS (S213-5.4.1) (Continued)

**Report No.:** 4807558-024

**Test Date**: July 22, 2021

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Resistance to Light (FMVSS 213, S5.4.1.2(c)(1)), (FMVSS 209 S5.1(e)) Exposure Time 100 Hr. (100 Hours Required)	Median breaking strength, Newtons (60% of median baseline strength)	1. 14,036 2. 14,157 3. 14,242 Median: 14,157 Strength Retained: 98.0%	Pass
	Color Retention >/= No. 2 on the Geometric Gray Scale	1. 5 2. 5 3. 5	Pass
Resistance to Micro- Organisms (FMVSS 213, S5.4.1.2(c)(2)), (FMVSS 209 S5.1(f))	Median breaking strength, Newtons (85% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A²
Width Requirement (FMVSS 213, S5.4.1.2(d), S5.4.1.3)	Width >/= 38 mm) If webbing contacts the test dummy torso	1. 38.0 2. 38.0 3. 38.0	Pass

Remarks: None

Technicians: Nik Kitov, John Roycraft

Project Manager: Frank Savino

### **WEBBING PERFORMANCE TESTS (S213-5.4.1)**

**Report No.**: 4807558-024

**Test Date**: July 22, 2021

### **Laboratory Ambient Conditions During Testing**

Temperature: 73 ° F

Relative Humidity: 50 %

### Webbing Usage on Restraint: Adjuster

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Non-Degraded Webbing (FMVSS 213, S5.4.1.2(a)), (FMVSS 209, S5.1 (b))	New webbing breaking strength, 15,000 N (webbing used to secure CRS to vehicle) or	1. 14,657 2. 14,538	Pass
	11,000 N (webbing used to secure child within CRS)	3. 14,593 Median: 14,593	
Resistance to Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.1(d))	Median breaking strength, Newtons (75% of median baseline strength)	1. 10,026 2. 11,548	Pass
Abrasion Cycles Performed 2500 (2500 Required)		3. 11,863  Median: 11,548  Strength Retained: 79.1%	
Resistance to Buckle Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.3(c)) Abrasion cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A¹

### WEBBING PERFORMANCE TESTS (S213-5.4.1) (Continued)

**Report No.**: 4807558-024

**Test Date**: July 22, 2021

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Resistance to Light (FMVSS 213, S5.4.1.2(c)(1)), (FMVSS 209 S5.1(e)) Exposure Time 100 Hr. (100 Hours Required)	Median breaking strength, Newtons (60% of median baseline strength)	1. 11,512 2. 13,537 3. 12,869 Median: 12,869 Strength Retained: 88.2%	Pass
	Color Retention >/= No. 2 on the Geometric Gray Scale	1. 5 2. 5 3. 5	Pass
Resistance to Micro- Organisms (FMVSS 213, S5.4.1.2(c)(2)), (FMVSS 209 S5.1(f))	Median breaking strength, Newtons (85% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A²
Width Requirement (FMVSS 213, S5.4.1.2(d), S5.4.1.3)	Width >/= 38 mm) If webbing contacts the test dummy torso	1. 26.0 2. 26.0 3. 26.0	N/A

Remarks: None

Technicians: Nik Kitov, John Roycraft

Project Manager: Frank Savino

### **WEBBING PERFORMANCE TESTS (S213-5.4.1)**

**Report No.**: 4807558-024

**Test Date**: July 22, 2021

### **Laboratory Ambient Conditions During Testing**

Temperature: 73 ° F

Relative Humidity: 50 %

### Webbing Usage on Restraint: Latch

<u>Test</u>	Compliance Requirement	<u>Test Result</u>	Pass/Fail
Non-Degraded Webbing (FMVSS 213, S5.4.1.2(a)), (FMVSS 209, S5.1 (b))	New webbing breaking strength, 15,000 N (webbing used to secure CRS to vehicle) or 11,000 N (webbing used to secure child within CRS)	<ol> <li>1. 18,023</li> <li>2. 17,723</li> <li>3. 18,105</li> <li>Median: 18,023</li> </ol>	Pass
Resistance to Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.1(d)) Abrasion Cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	1. 17,489 2. 17,770 3. 17,908 Median: 17,770 Strength Retained: 98.6%	Pass
Resistance to Buckle Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.3(c)) Abrasion cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A¹

### WEBBING PERFORMANCE TESTS (S213-5.4.1) (Continued)

**Report No.**: 4807558-024

**Test Date**: July 22, 2021

<u>Test</u>	Compliance Requirement	<u>Test Result</u>	Pass/Fail
Resistance to Light (FMVSS 213, S5.4.1.2(c)(1)), (FMVSS 209, S5.1(e)) Exposure Time 100 Hr. (100 Hours Required)	Median breaking strength, Newtons (60% of median baseline strength)	1. 18,099 2. 18,117 3. 18,102 Median: 18,102 Strength Retained: >100%	Pass
	Color Retention >/= No. 2 on the Geometric Gray Scale	1. 5 2. 5 3. 5	Pass
Resistance to Micro- Organisms (FMVSS 213, S5.4.1.2(c)(2)), (FMVSS 209, S5.1(f))	Median breaking strength, Newtons (85% of median baseline strength)	1. N/A 2. N/A 3. N/A Median: N/A	N/A²
Width Requirement (FMVSS 213, S5.4.1.2(d), S5.4.1.3)	Width >/= 38 mm) If webbing contacts the test dummy torso	1. 37.0 2. 37.0 3. 37.0	N/A

Remarks: None

Technicians: Nik Kitov, John Roycraft

**Project Manager:** Frank Savino

### **WEBBING PERFORMANCE TESTS (S213-5.4.1)**

**Report No.**: 4807558-024

Test Date: N/A

**Laboratory Ambient Conditions During Testing** 

Temperature: 73 ° F

Relative Humidity: 50 %

Webbing Usage on Restraint: Tether

<u>Test</u>	Compliance Requirement	<u>Test Result</u>	Pass/Fail
Non-Degraded Webbing (FMVSS 213, S5.4.1.2(a)), (FMVSS 209, S5.1 (b))	New webbing breaking strength, 15,000 N (webbing used to secure CRS to vehicle) or 11,000 N (webbing used to secure child within CRS)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	NA <sup>4</sup>
Resistance to Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.1(d)) Abrasion Cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> <li>Strength Retained: N/A</li> </ol>	NA <sup>4</sup>
Resistance to Buckle Abrasion (FMVSS 213, S5.4.1.2(b)(1)), (FMVSS 209, S5.3(c)) Abrasion cycles Performed 2500 (2500 Required)	Median breaking strength, Newtons (75% of median baseline strength)	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> <li>Median: N/A</li> </ol>	N/A⁴

### WEBBING PERFORMANCE TESTS (S213-5.4.1) (Continued)

**Report No.:** 4807558-024

Test Date: N/A

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Resistance to Light (FMVSS 213, S5.4.1.2(c)(1)), (FMVSS 209, S5.1(e)) Exposure Time 100 Hr. (100 Hours Required)	Median breaking strength, Newtons (60% of median baseline strength)	1. N/A 2. N/A 3. N/A Median: N/A Strength Retained: N/A	NA <sup>4</sup>
	Color Retention >/= No. 2 on the Geometric Gray Scale	1. N/A 2. N/A 3. N/A	NA <sup>4</sup>
Resistance to Micro- Organisms (FMVSS 213, S5.4.1.2(c)(2)), (FMVSS 209, S5.1(f))	Median breaking strength, Newtons (85% of median baseline strength)	1. N/A 2. N/A 3. N/A Median: N/A	N/A <sup>4</sup>
Width Requirement (FMVSS 213, S5.4.1.2(d), S5.4.1.3)	Width >/= 38 mm) If webbing contacts the test dummy torso	<ol> <li>N/A</li> <li>N/A</li> <li>N/A</li> </ol>	N/A

Remarks: None

Technicians: Nik Kitov, John Roycraft

**Project Manager:** Frank Savino

# BELT BUCKLE AND ADJUSTMENT HARDWARE PERFORMANCE TESTS (S213-S5.4.2/S209-S4.3)

**Report No.**: 4807558-024

Test Date: June 24, 2021 Item Code: Aton M

**Laboratory Ambient Conditions During Testing** 

**Temperature**: 73 °F

**Relative Humidity**: 50 %

Test	Compliance	Test Result	Pass/Fail
Corrosion Resistance (FMVSS 213, S5.4.2), (FMVSS 209,	Requirement  No Corrosion (NC)	1. NC	Pass
S4.3.(a))		2. NC	Pass
Exposure Time 24 Hours (24 Hours Required)		3. NC	Pass
Drying Time 1 Hour (1 Hour Required)			
Push Buttons	Area ≥ 0.6 sq. in.)	0.79	Pass
(FMVSS 213, S5.4.3.5 (c)), (FMVSS 209 S4.3(d)(2))	Dimensions, mm (inches)	28.4 x 22.9 mm (1.12 x 0.90 inches)	N/A
		ellipse	
	Minimum Linear Dimension >=10mm (0.39 inches)	22.9 mm (0.90 inches)	Pass
Lever Release	Cylinder Insertion	N/A	N/A <sup>4</sup>
Other	Two-finger Access	N/A	N/A <sup>4</sup>

# BELT BUCKLE AND ADJUSTMENT HARDWARE PERFORMANCE TESTS (S213-S5.4.2/S209-S4.3) (Continued)

**Report No.:** 4807558-024

Test	Compliance Requirement	Test	Result	Pass	s/Fail
Buckle Latch (FMVSS 213,	No Functional Deterioration	1	. NFD	1.	Pass
S5.4.3.5(d)), (FMVSS 209, S4.3(g))	(NFD)	2	. NFD	2.	Pass
Follows Corrosion Resistance Cycles 200 (200 Required)		3	. NFD	3.	Pass
Buckle Latch (FMVSS 213, S5.4.3.5(d)),	Partial Engagement Separation Force		Result ceived		Result on Resistance
(FMVSS 209,	<5 lb.	Front	Reverse	Front	Reverse
S4.3(g)) Corrosion Resistance		Sample 1	Sample 1	Sample 1	Sample 1
metal to metal		1) P	1) P	1) P	1) P
buckles		2) P	2) P	2) P	2) P
Note: Cycle Button;		3) P	3) P	3) P	3) P
Perform manual latching and		Sample 2	Sample 2	Sample 2	Sample 2
unlatching prior to		1) P	1) P	1) P	1) P
partial engagement		2) P	2) P	2) P	2) P
test.		3) P	3) P	3) P	3) P
		Sample 3	Sample 3	Sample 3	Sample 3
		1) P	1) P	1) P	1) P
		2) P	2) P	2) P	2) P
		3) P	3) P	3) P	3) P

**Remarks:** P = Pass

Although the buckles do not latch with the tongues in the reverse position, one or both of the tongues can become partially engaged in this position.

**Technicians**: Charles Kehaya **Project Manager**: Frank Savino

# BELT BUCKLE AND ADJUSTMENT HARDWARE PERFORMANCE TESTS (S213-S5.4.2/S209-S4.3)

**Report No.**: 4807558-024

Test Date: June 24, 2021 Item Code: Aton M

**Laboratory Ambient Conditions During Testing** 

**Temperature**: 73 °F

**Relative Humidity:** 50 %

<u>Test</u>	Compliance Requirement	Test Result	Pass/Fail
Temperature Resistance (FMVSS 213, S5.4.2), (FMVSS 209,	No Functional Deterioration (NFD)	1. NFD	Pass
S4.3.(b))	Deterioration (NFD)	2. NFD	Pass
Exposure Time 24 Hours + 24 Hours (24 + 24 Hours Required)		3. NFD	Pass
Push Buttons	Area ≥ 0.6 sq. in.)	0.79	Pass
(FMVSS 213, S5.4.3.5(c)), (FMVSS 209 S4.3(d)(2))	Dimensions, mm (inches)	28.4 x 22.9 mm (1.12 x 0.90 inches)	N/A
	Minimum Linear Dimension >=10mm (0.39 inches)	ellipse 22.9 mm (0.90 inches)	Pass
Lever Release	Cylinder Insertion	N/A	N/A <sup>4</sup>
Other	Two-finger Access	N/A	N/A <sup>4</sup>

# BELT BUCKLE AND ADJUSTMENT HARDWARE PERFORMANCE TESTS (S213-S5.4.2/S209-S4.3) (Continued)

**Report No.:** 4807558-024

<u>Test</u>	Compliance <u>Requirement</u>	<u>Test l</u>	<u>Result</u>	Pas	ss/Fail
Buckle Latch (FMVSS 213,	No Functional Deterioration	1.	NFD	1.	Pass
S5.4.3.5(d)), (FMVSS 209, S4.3(g)) Follows Temperature	(NFD)	2.	NFD	2.	Pass
Resistance Cycles 200 (200 Required))			NFD	3.	Pass
Buckle Latch (FMVSS 213, S5.4.3.5(d)), (FMVSS 209, S4.3(g)) Temperature	Partial Engagement Separation Force		Result ceived	After Te	t Result emperature istance
Resistance	<5 lb.	Front	Reverse	Front	Reverse
metal to metal buckles		Sample 1	Sample 1	Sample 1	Sample 1
Note: Cycle Button; Perform manual latching and		1) P 2) P 3) P			
unlatching prior to partial engagement		Sample 2	Sample 2	Sample 2	Sample 2
test.		1) P 2) P 3) P			
		Sample 3	Sample 3	Sample 3	Sample 3
		1) P 2) P 3) P			

**Remarks:** P = Pass

Although the buckles do not latch with the tongues in the reverse position, one or both of the tongues can become partially engaged in this position.

**Technicians**: Charles Kehaya **Project Manager**: Frank Savino

### **APPENDIX A**

### **EQUIPMENT LIST AND CALIBRATION**

### SGS NORTH AMERICA INC. TEST EQUIPMENT

NO.	<u>ITEM</u>	MANUFACTURER	MODEL	SERIAL NO.	CAL. PERIOD	DATE OF LAST CAL.	ACCURACY	REMARKS
			w	EBBING TESTING	<u>3</u>			
1	Steel Ruler	Products Engineering	262-000	481610452	1 Year	7/21	+/-0.01 inch	Webbing Width
2	Hex-Bar Abrader	U.S. Testing			1Year*	8/20		*Timer-Counter Assembly and Weights
3	Weatherometer	Atlas Electric Co.	CXW	CB-12295	1 Year*	7/21	+/-1%	*Temp. and Voltage Meters
4	Weatherometer	Atlas Electric Co.	CXW	CB-1214	1 Year*	7/21	+/-1%	*Temp. and Voltage Meters
5	Weatherometer	Atlas Electric Co.	XW-WT	W0-3009	1 Year*	7/21	+/-1%	*Temp. and Voltage Meters
6	Color Change - Gray Scale	AATCC						Visual Comparison
7	Universal Testing Machine	Instron	1115	4742	1 Year	1/21	+/-1%	Webbing Strength
8	Universal Testing Machine	Instron	TTC	4344	1 Year	6/21	+/-1%	Webbing Strength
9	Universal Testing Machine	Instron	5585	5585P7194	1 Year	6/21	+/-1%	Webbing Strength
10	2" Split Drum Grips	U.S. Testing Co.						Instron Fixture

### SGS NORTH AMERICA INC. TEST EQUIPMENT

NO.	<u>ITEM</u>	MANUFACTURER	MODEL	SERIAL NO.	<u>CAL.</u> <u>PERIOD</u>	DATE OF LAST CAL.	ACCURACY	<u>REMARKS</u>	
	BUCKLE TESTING								
10	Salt Spray Chamber	Singleton Corp.	SCCH22	SCCH22- 21947				Checked daily in accordance with ASTM B- 117	
11	Temperature Recorder	Honeywell	DR4300	14W47C4000 000849615	1 Year	10/20	+/- 5°F	Monitor Salt Spray Temperature	
12	Temperature Humidity Chamber	Blue-M	FR-386PBX	AA278	1Year	4/21	+/-2°C +/-5% R.H	Temperature- Humidity Exposure	
13	Temperature Humidity Chamber	Blue-M	LR-386B- MP1	L3-122	1 Year	1/21	+/-2°C +/-5% R.H	Temperature- Humidity Exposure	
14	Temperature Chamber	Despatch	52392 V29	037-15	1 Year	4/21	+/-2°C +/-5% R.H	Temperature Exposure	
15	Pushbutton Latch Fixture	U.S. Testing			1 Year*	7/21		Force checked prior to use. *Timer Counter	

### **STANDARD LABORATORY CONDITIONING**

16	Temperature /	Dickson	TH800	07150222	1Year	10/20	+/-2°F	Monitor Room
	Humidity Recorder						+/-5% R.H.	Conditioning

### **APPENDIX B**

**INTERPRETATION AND/OR DEVIATIONS FROM FMVSS NO. 213** 

**NO INTERPRETATIONS OR DEVIATIONS FROM FMVSS NO. 213** 

### **APPENDIX C**

**FOOTNOTES (as applicable)** 

- 1. No buckle or manually adjusting device fitted to webbing (Ref. FMVSS 209 S5.3(c)), Resistance to buckle abrasion
- 2. FMVSS 209 5.1(f): Note-This test shall not be required on webbing made from material which is inherently resistant to micro-organisms.
- 3. Webbing was too short to perform this test
- 4. Not equipped in a manner applicable for this test
- 5. This test is not performed when the test for Non-degraded webbing fails or is not performed

#### **APPENDIX D**

### **PHOTOGRAPHS**

### **LISTS OF PHOTOGRAPHS**

The following section identifies photographed testing equipment.

Page Number	Description of Photograph
D-2	Corrosion Resistance
D-3	Temperature Humidity Chamber
D-4	Temperature Chamber
D-5	Button Cycling Apparatus
D-6	Breaking Strength Apparatus
D-7	Resistance to Light
D-8	Hex Bar Abrasion Apparatus

The following section identifies photographs of the seat.

Photograph Number	Description of Photograph
D-9	Top of Box
D-10	Side of Box
D-11	Front of Seat
D-12	Side of Seat
D-13	Back of Seat
D-14	Close-Up Buckle
D-15	Manufacturer ID Label on CRS
D-16	Manufacturer ID Label on Base (if applicable)
D-17	Registration Card – side #1
D-18	Registration Card – side #2





Temperature/Humidity Chamber



Temperature Chamber



Button Cycling Apparatus



Instron Universal Testing Machine



Weatherometer



Hex Bar Abrasion Apparatus







<u>D-12</u>











Model Name: ATON M SAFE US SAFE

LOCK BASE US

Color: PEPPER BLACK
CYBEX Article: 518002867
Manufactured in: 11/26/2020
Do not use after: 11/26/2026
Distributed by Columbus Trading-

Partners USA Inc. 1801 Commerce Dr. Piqua, OH 45356, USA.

Made in China.

### TO FOR YOUR CHILD'S CONTINUED SAFETY

Please take a few moments to promptly fill out and return the attached card (or register online using the direct link to the manufacturer's registration website provided).

Although child restraint systems undergo testing and evaluation, it is possible that a child restraint could be recalled.

In case of a recall, we can reach you only if we have your name and address, so please send in the card (or register online) to be on our recall list.

# Please fill this card out using blue or black ink and mail it NOW,

(or register online at: http://register.cybex-online.com/us/carseats)
while you are thinking about it.

The card is already addressed and we've paid the postage.

### Tear off and mail this part

그림을 살 수 그림은 살 수 없는 말을 수 있다는 그 수 있는 말을 중요한 말을 수 없는 것 같다.

Consumer: Just fill in your name and address and e-mail address.				
Your Name				
Your Street Address				
City	State	Zip Code		
E-mail Address (optional)  CHILD RESTRAINT	REGISTI	RATION CARD		
CHILD KESTKANAI	WE 01311	Dillois Chil		

Model Name: ATON M SAFE US SAFE

LOCK BASE US

Color: PEPPER BLACK
CYBEX Article: 518002867
Manufactured in: 11/26/2020
Do not use after: 11/26/2026

RG5009

# **IMPORTANT**

In case of a recall, we can reach you only if we have your name and address. You MUST send in the attached card or register online to be on our recall list.

We've already paid the postage.

Do it today.

74



### **BUSINESS REPLY MAIL**

FIRST-CLASS MAIL

PERMIT NO. 325

PIQUA OH

POSTAGE WILL BE PAID BY ADDRESSEE

CHILD RESTRAINT REGISTRATION Columbus Trading-Partners USA Inc.

Attn: ParentLink 1801 COMMERCE DR PIQUA OH 45356-9960 NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES



 $C_{j}$