

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221 (800) 719-4619

Declaration #

DC0911017

Declaration Date

9/11/2024

Tested Item #

721560LEC

FT-R SRL, Class 2 Leading Edge, 60', Plastic Housing, 420 lb Max

Additional Items Conforming Under this Declaration:

721550LEC

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following product standard(s):

CSA Z259.2.2-2017

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

Level 1

☐

Level 2

X

Level 3

☐

Level 1: FallTech Lab

Outside the Scope of  
ISO/IEC Standard 17025:2005

Level 2: FallTech Lab

Within the Scope of  
ISO/IEC Standard 17025:2005

Level 3: Independent 3rd Party Lab

accredited to  
ISO/IEC Standard 17025:2005

Supporting  
Documentation

PC-3197

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

9/11/2024



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FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

## FallTech Test Report

Test Report No.	PC-3197	Rpt. Date	8/2/2024	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8			
Part No.	721560LEC			Part No. Revision		A	
Part Description	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max						
Test Request No.	PC-3197			Date Complete		7/17/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
FT78250	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78261	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78241	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78206	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78281	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78222	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78271	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78216	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78217	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78240	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max
FT78229	FT-R SRL, Class 2 Leading Edge, 60', 420 lb max

### Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
CSA Z259.2.2-2017 7.1.2	Retraction Tension 0% Extracted	1.0 Lbf - 20 Lbf	5.2 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	4.2 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	3.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	5.1 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	6.1 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	5.8 lbF	Pass
CSA Z259.2.2-2017 7.6.2	Locking	Lock and Hold Load	Hold for 1 minute	Pass
	Max Arrest Force	Information only	850.8 lbF	Information only
	Arrest Distance	≤ 36"	22.1"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3021.7 lbF	Pass

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### Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
CSA Z259.2.2-2017 7.2.3.1 Ambient	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1136.7 lbF	Pass
	Avg Arrest Force	Information only	871.6 lbF	Information only
	Arrest Distance	$\leq 47$ "	28.9"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
	Braking Capacity	Maintain $> 25\%$	$> 50\%$	Pass
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.3 Cold	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1306.5 lbF	Pass
	Avg Arrest Force	Information only	833.3 lbF	Information only
	Arrest Distance	$\leq 47$ "	25.8"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
	Braking Capacity	Maintain $> 25\%$	$> 50\%$	Pass
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.4 Hot	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1173.9 lbF	Pass
	Avg Arrest Force	Information only	873.7 lbF	Information only
	Arrest Distance	$\leq 47$ "	30.1"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
	Braking Capacity	Maintain $> 25\%$	$> 50\%$	Pass
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.5 Post Salt Spray	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1214.7 lbF	Pass
	Avg Arrest Force	Information only	830.2 lbF	Information only
	Arrest Distance	$\leq 47$ "	47.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
	Braking Capacity	Maintain $> 25\%$	$> 50\%$	Pass
CSA Z259.2.2-2017 7.8.3 Ambient	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1377.6 lbF	Pass
	Avg Arrest Force	Information only	916.3 lbF	Information only
	Arrest Distance	Information only	73.1"	Information only
	Performance Factor	$\geq 1.8$	2.29	Pass
	Avg Deploy Force	$\leq 1349$ Lbf	960.1 Lbf	Pass
	Post Fall Creep	$\leq 4$ "	0.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass

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Test Request No.	PC-3197			Date Complete		7/17/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

### Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
CSA Z259.2.2-2017 7.8.3 Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1349.8 lbF	Pass
	Avg Arrest Force	Information only	860.8 lbF	Information only
	Arrest Distance	Information only	68.0"	Information only
	Performance Factor	$\geq 1.8$	2.38	Pass
	Avg Deploy Force	$\leq 1349$ Lbf	1000.6 Lbf	Pass
	Post Fall Creep	$\leq 4$ "	0.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
CSA Z259.2.2-2017 7.8.3 Hot	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1325.8 lbF	Pass
	Avg Arrest Force	Information only	909.7 lbF	Information only
	Arrest Distance	Information only	76.4"	Information only
	Performance Factor	$\geq 1.8$	2.23	Pass
	Avg Deploy Force	$\leq 1349$ Lbf	936.8 Lbf	Pass
	Post Fall Creep	$\leq 4$ "	0.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
CSA Z259.2.2-2017 7.8.5.3 Post Salt Spray	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1478.3 lbF	Pass
	Avg Arrest Force	Information only	952.1 lbF	Information only
	Arrest Distance	Information only	75.3"	Information only
	Performance Factor	$\geq 1.8$	2.25	Pass
	Avg Deploy Force	$\leq 1349$ Lbf	944.3 Lbf	Pass
	Post Fall Creep	$\leq 4$ "	0.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass

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### Test Summary Continued

Test Specification	Test Criteria		Test Result	Pass/Fail
CSA Z259.2.2-2017 7.7.3.2 Perpendicular Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1269.2 lbF	Pass
	Avg Arrest Force	Information only	702.0 lbF	Information only
	Arrest Distance	Information only	127.7"	Information only
	Performance Factor	$\geq 1.8$	2.00	Pass
	Avg Deploy Force	$\leq 1350$ Lbf	845.9 Lbf	Pass
	Post Fall Operation	Lock until released	Locked	Pass
CSA Z259.2.2-2017 7.7.3.3 Lateral Offset Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	$\leq 1800$ Lbf	1249.0 lbF	Pass
	Avg Arrest Force	Information only	638.8 lbF	Information only
	Arrest Distance	Information only	121.4"	Information only
	Post Fall Operation	Lock until released	Locked	Pass

### Conclusion

Based upon the samples provided to the Lab:  
FallTech P/N 721560LEC Rev. A meets the requirements of CSA Z259.2.2-2017

### Report Signatories and Approval

Lab Quality Manager		Date	8/2/2024
Witnessed by	Bob Howey (Element) 	Date	8/2/24

**End of Report**