

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 #

DC0824013

Declaration Date

10/2/2024

Tested Item #

721530LEC

FT-R SRL, Class 2 Leading Edge, 30', Plastic Housing, 420 lb Max

Additional Items Conforming Under this Declaration:

721530LECB

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-3127

Authorized Signature

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

Name

Zachary Winters

Title

Engineering Manager

Date

10/2/2024



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FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3127	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.	721530LEC			Part No. Revision		A	
Part Description	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max						
Test Request No.	PC-3127			Date Complete		6/21/2024	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT100534	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT100579	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97939	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97920	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
DPT Salt	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT100505	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97932	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97961	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
AGG Salt	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97948	FT-R SRL, Class 2 Leading Edge, 30', 420 lb max
FT97968	FT-R SRL, Class 2 Leading Edge, 30', 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	2.5 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	2.6 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	3.1 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	3.5 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	4.3 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	868.0 lbF	Information only
	Arrest Distance	≤ 36"	27.1"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3039.8 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	≤ 1800 Lbf	1358.0 lbF	Pass
	Avg Arrest Force	Information only	843.8 lbF	Information only
	Arrest Distance	≤ 47 "	43.8"	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 / 7.2.3.3 Cold	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	≤ 1800 Lbf	1369.0 lbF	Pass
	Avg Arrest Force	Information only	818.6 lbF	Information only
	Arrest Distance	≤ 47 "	35.9"	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 / 7.2.3.4 Hot	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	≤ 1800 Lbf	1363.2 lbF	Pass
	Avg Arrest Force	Information only	810.1 lbF	Information only
	Arrest Distance	≤ 47 "	46.2"	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	≤ 1800 Lbf	1284.2 lbF	Pass
	Avg Arrest Force	Information only	852.1 lbF	Information only
	Arrest Distance	≤ 47 "	35.2"	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	≤ 1800 Lbf	1419.7 lbF	Pass
	Avg Arrest Force	Information only	921.2 lbF	Information only
	Arrest Distance	Information only	72.0"	Information only
	Performance Factor	≥ 1.8	2.31	Pass
	Avg Deploy Force	≤ 1349 Lbf	968.3 Lbf	Pass
	Post Fall Creep	≤ 4 "	0.2"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass

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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	≤ 1800 Lbf	1400.2 lbF	Pass
	Avg Arrest Force	Information only	938.4 lbF	Information only
	Arrest Distance	Information only	61.8"	Information only
	Performance Factor	≥ 1.8	2.52	Pass
	Avg Deploy Force	≤ 1349 Lbf	1058.5 Lbf	Pass
	Post Fall Creep	≤ 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	≤ 1800 Lbf	1318.0 lbF	Pass
	Avg Arrest Force	Information only	880.9 lbF	Information only
	Arrest Distance	Information only	70.5"	Information only
	Performance Factor	≥ 1.8	2.33	Pass
	Avg Deploy Force	≤ 1349 Lbf	980.0 Lbf	Pass
	Post Fall Creep	≤ 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	≤ 1800 Lbf	1313.7 lbF	Pass
	Avg Arrest Force	Information only	830.0 lbF	Information only
	Arrest Distance	Information only	72.1"	Information only
	Performance Factor	≥ 1.8	2.30	Pass
	Avg Deploy Force	≤ 1349 Lbf	967.6 Lbf	Pass
	Post Fall Creep	≤ 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	≤ 1800 Lbf	1267.9 lbf	Pass
	Avg Arrest Force	Information only	713.6 lbf	Information only
	Arrest Distance	Information only	124.4"	Information only
	Performance Factor	≥ 1.8	2.10	Pass
	Avg Deploy Force	≤ 1350 Lbf	861.5 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	≤ 1800 Lbf	1369.2 lbf	Pass
	Avg Arrest Force	Information only	808.2 lbf	Information only
	Arrest Distance	Information only	126.9"	Information only
	Post Fall Operation	Lock until released	Locked	Pass

Conclusion

Based upon the samples provided to the Lab:
FallTech P/N 721530LEC 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