

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 #

DC0114019

Declaration Date

1/14/2025

Tested Item #

721730LER

FT-R+ SRL, Class 2 Leading Edge, 30', Plastic Housing,
420 lb max, Field Replaceable Cable

Additional Items Conforming Under this Declaration:

721730LEKIT

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 17025:2017

Level 2: FallTech Lab
Within the Scope of
ISO/IEC Standard 17025:2017

Level 3: Independent 3rd Party Lab
accredited to
ISO/IEC Standard 17025:2017

Supporting
Documentation

PC-3236

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

1/14/2025



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FallTech Lab - TL-594
ISO/IEC 17025:2017
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-3236	Rpt. Date	1/14/2025	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.	721730LER			Part No. Revision		A	
Part Description	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable						
Test Request No.	PC-3236			Date Complete		1/10/2025	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT109370	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109341	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109304	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109396	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109353	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109321	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109399	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109344	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109371	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109372	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable
FT109365	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable

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	3.4 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	2.9 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	3.0 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	4.4 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	805.9 lbF	Information only
	Arrest Distance	≤ 36"	27.5"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3019.8 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	1236.5 lbF	Pass
	Avg Arrest Force	Information only	881.5 lbF	Information only
	Arrest Distance	≤ 47 "	33.4"	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	1385.8 lbF	Pass
	Avg Arrest Force	Information only	903.8 lbF	Information only
	Arrest Distance	≤ 47 "	27.3"	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	1272.2 lbF	Pass
	Avg Arrest Force	Information only	891.4 lbF	Information only
	Arrest Distance	≤ 47 "	30.9"	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 / 7.2.3.5 Post Salt Spray	Fall Arrest	Lock and Hold	Remained Locked	Pass
	Max Arrest Force	≤ 1800 Lbf	1204.7 lbF	Pass
	Avg Arrest Force	Information only	901 lbF	Information only
	Arrest Distance	≤ 47 "	25.5"	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	1516.0 lbF	Pass
	Avg Arrest Force	Information only	946.8 lbF	Information only
	Arrest Distance	Information only	64.5"	Information only
	Performance Factor	≥ 1.8	2.46	Pass
	Avg Deploy Force	≤ 1349 Lbf	1032.1 Lbf	Pass
	Post Fall Creep	≤ 4 "	0.0"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass

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Part No.	721730LER			Part No. Revision		A	
Part Description	FT-R+ SRL, Class 2 Leading Edge, 30', 420 lb max Field Replaceable Cable						
Test Request No.	PC-3236			Date Complete		1/10/2025	
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	1392.7 lbF	Pass
	Avg Arrest Force	Information only	841.8 lbF	Information only
	Arrest Distance	Information only	64.2"	Information only
	Performance Factor	≥ 1.8	2.46	Pass
	Avg Deploy Force	≤ 1349 Lbf	1035.0 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 7.8.3 Hot	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	≤ 1800 Lbf	1373.9 lbF	Pass
	Avg Arrest Force	Information only	899.1 lbF	Information only
	Arrest Distance	Information only	67.1"	Information only
	Performance Factor	≥ 1.8	2.40	Pass
	Avg Deploy Force	≤ 1349 Lbf	1008.4 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	1321.6 lbF	Pass
	Avg Arrest Force	Information only	901.2 lbF	Information only
	Arrest Distance	Information only	72.7"	Information only
	Performance Factor	≥ 1.8	2.29	Pass
	Avg Deploy Force	≤ 1349 Lbf	963.1 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	1327.7 lbf	Pass
	Avg Arrest Force	Information only	705.7 lbf	Information only
	Arrest Distance	Information only	121.7"	Information only
	Performance Factor	≥ 1.8	2.10	Pass
	Avg Deploy Force	≤ 1350 Lbf	875.2 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	1301.0 lbf	Pass
	Avg Arrest Force	Information only	670.6 lbf	Information only
	Arrest Distance	Information only	102.1"	Information only
	Post Fall Operation	Lock until released	Locked	Pass

Conclusion

Based upon the samples provided to the Lab:
FallTech P/N 721730LER Rev. A meets the requirements of CSA Z259.2.2-2017

Report Signatories and Approval

Lab Quality Manager		Date	1/14/2024
Witnessed by	Bob Howey (Element) 	Date	1-14-25

End of Report