

# 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 #

DC0911016

Declaration Date

10/2/2024

Tested Item #

721520LEC

FT-R SRL, Class 2 Leading Edge, 20', Plastic Housing, 420 lb max

Additional Items Conforming Under this Declaration:

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

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-3196

Authorized Signature

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

<b>Test Report No.</b>	PC-3196	<b>Rpt. Date</b>	8/2/2024	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<b>Test Specification(s)</b>	CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8				
<b>Part No.</b>	721520LEC	<b>Part No. Revision</b>	A				
<b>Part Description</b>	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max						
<b>Test Request No.</b>	PC-3196	<b>Date Complete</b>	7/17/2024				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
FT77164	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77147	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77161	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77127	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77155	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77184	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77142	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77143	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77188	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77135	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max
FT77109	FT-R SRL, Class 2 Leading Edge, 20', 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	3.2 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	3.5 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	3.7 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	4.2 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	4.6 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	3.6 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	972.7 lbF	Information only
	Arrest Distance	≤ 36"	22.3"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3018.5 lbF	Pass

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<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### 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	1113.0 lbF	Pass
	Avg Arrest Force	Information only	765.5 lbF	Information only
	Arrest Distance	≤ 47"	26.9"	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	≤ 1800 Lbf	1368.7 lbF	Pass
	Avg Arrest Force	Information only	857.9 lbF	Information only
	Arrest Distance	≤ 47"	26.3"	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	1163.5 lbF	Pass
	Avg Arrest Force	Information only	828.5 lbF	Information only
	Arrest Distance	≤ 47"	27.1"	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	≤ 1800 Lbf	1177.1 lbF	Pass
	Avg Arrest Force	Information only	876.0 lbF	Information only
	Arrest Distance	≤ 47"	27.9"	Pass
	Post Fall Operation	Lock and pay line	Lock and pay	Pass
	Braking Capacity	Maintain > 25%	> 50%	Pass
CSA Z259.2.2-2017 7.8.3 Ambient	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	≤ 1800 Lbf	1213.7 lbF	Pass
	Avg Arrest Force	Information only	874.0 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

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<b>Initiated By</b>	Zachary Winters	<b>Test Specification(s)</b>	CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8				
<b>Part No.</b>	721520LEC	<b>Part No. Revision</b>	A				
<b>Part Description</b>	FT-R SRL, Class 2 Leading Edge, 20', 420 lb max						
<b>Test Request No.</b>	PC-3196	<b>Date Complete</b>	7/17/2024				
<b>Test Operator(s)</b>	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
	Max Arrest Force	$\leq 1800$ Lbf	1363.8 lbF
	Avg Arrest Force	Information only	889.8 lbF
	Arrest Distance	Information only	69.7"
	Performance Factor	$\geq 1.8$	2.35
	Avg Deploy Force	$\leq 1349$ Lbf	986.4 Lbf
	Post Fall Creep	$\leq 4$ "	0.0"
	Post Fall Operation	Lock and pay line	Lock and pay
CSA Z259.2.2-2017 7.8.3 Hot	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	$\leq 1800$ Lbf	1242.2 lbF
	Avg Arrest Force	Information only	868.9 lbF
	Arrest Distance	Information only	70.2"
	Performance Factor	$\geq 1.8$	2.35
	Avg Deploy Force	$\leq 1349$ Lbf	986.4 Lbf
	Post Fall Creep	$\leq 4$ "	0.0"
	Post Fall Operation	Lock and pay line	Lock and pay
CSA Z259.2.2-2017 7.8.5.3 Post Salt Spray	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	$\leq 1800$ Lbf	1339.1 lbF
	Avg Arrest Force	Information only	846.3 lbF
	Arrest Distance	Information only	67.6"
	Performance Factor	$\geq 1.8$	2.39
	Avg Deploy Force	$\leq 1349$ Lbf	1004.0 Lbf
	Post Fall Creep	$\leq 4$ "	0.0"
	Post Fall Operation	Lock and pay line	Lock and pay

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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
	Max Arrest Force	≤ 1800 Lbf	1303.0 lbF
	Avg Arrest Force	Information only	673.1 lbF
	Arrest Distance	Information only	121.9"
	Performance Factor	≥ 1.8	2.10
	Avg Deploy Force	≤ 1350 Lbf	874.1 Lbf
	Post Fall Operation	Lock until released	Locked
CSA Z259.2.2-2017 7.7.3.3 Lateral Offset Cold	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1435.6 lbF
	Avg Arrest Force	Information only	804.3 lbF
	Arrest Distance	Information only	110.3"
	Post Fall Operation	Lock until released	Locked

### Conclusion

Based upon the samples provided to the Lab:  
 FallTech P/N 721520LEC 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**