

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 #

DC1021043

Declaration Date

10/21/2021

Tested Item #

721520LE FT-R SRL, Leading Edge, 20', Plastic Housing

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-2394

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/21/2021



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

FallTech Test Report

Test Report No.	PC-2394	Rpt. Date	10/11/2021	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8				
Part No.	721520LE	Part No. Revision	A				
Part Description	FT-R SRL, Leading Edge, 20', Plastic Housing						
Test Request No.	PC-2394	Date Complete	9/30/2021				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
RT1	FT-R SRL, Leading Edge, 20', Plastic Housing
LP1	FT-R SRL, Leading Edge, 20', Plastic Housing
SST1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTA1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTC1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTH1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTAA1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTAC1	FT-R SRL, Leading Edge, 20', Plastic Housing
DPTAH1	FT-R SRL, Leading Edge, 20', Plastic Housing
LEPC1	FT-R SRL, Leading Edge, 20', Plastic Housing
LEOC1	FT-R SRL, Leading Edge, 20', Plastic Housing

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	4.0 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	4.0 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	2.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	3.2 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	4.8 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	3.8 lbF	Pass
CSA Z259.2.2-2017 7.6.2	Locking Performance	Lock and Hold Load	Hold for 1 minute	Pass
	Max Arrest Force	Information only	1098.4 lbF	Information only
	Arrest Distance	≤ 36"	15.3"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3019.4 lbF	Pass
CSA Z259.2.2-2017 7.2.3.1	Fall Arrest	Lock and Remain Locked	Remained Locked	Pass
	Max Arrest Force	≤ 1800 Lbf	1447.4 lbF	Pass
	Avg Arrest Force	Information only	991.6 lbF	Information only
	Arrest Distance	≤ 47"	18.5"	Pass
	Post Fall Operation	Lock and pay line in & out	Lock and pay	Pass
	Braking Capacity	Maintain > 25%	> 50%	Pass



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Test Request No.	PC-2394	Date Complete	9/30/2021				

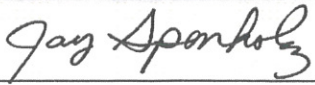

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.3	Fall Arrest	Lock and Remain Locked	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1459.1 lbF
	Avg Arrest Force	Information only	1103.4 lbF
	Arrest Distance	≤ 47"	16.9"
	Post Fall Operation	Lock and pay line in & out	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.2.3.1 / 7.2.3.4	Fall Arrest	Lock and Remain Locked	Remained Locked
	Max Arrest Force	≤ 1800 Lbf	1379.2 lbF
	Avg Arrest Force	Information only	929.6 lbF
	Arrest Distance	≤ 47"	18.0"
	Post Fall Operation	Lock and pay line in & out	Lock and pay
	Braking Capacity	Maintain > 25%	> 50%
CSA Z259.2.2-2017 7.8.3	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1382.8 lbF
	Avg Arrest Force	Information only	1044.8 lbF
	Arrest Distance	Information only	47.6"
	Performance Factor	≥ 1.8	3.0
	Avg Deployment Force	≤ 1349 Lbf	915.9 Lbf
	Post Fall Creep	≤ 4"	0.0"
	Post Fall Operation	Lock and pay line in & out	Lock and pay
CSA Z259.2.2-2017 7.8.5.1	Fall Arrest	Test Mass shall not hit the ground	Did not hit
	Max Arrest Force	≤ 1800 Lbf	1660.5 lbF
	Avg Arrest Force	Information only	1196.4 lbF
	Arrest Distance	Information only	42.2"
	Performance Factor	≥ 1.8	3.2
	Avg Deployment Force	≤ 1349 Lbf	993.6 Lbf
	Post Fall Creep	≤ 4"	0.1"
	Post Fall Operation	Lock and pay line in & out	Lock and pay

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Test Request No.	PC-2394	Date Complete	9/30/2021			

Test Summary				
Test Specification	Test Criteria		Test Result	Pass/Fail
CSA Z259.2.2-2017 7.8.5.2	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	≤ 1800 Lbf	1494.5 lbf	Pass
	Avg Arrest Force	Information only	1042.8 lbf	Information only
	Arrest Distance	Information only	45.8"	Information only
	Performance Factor	≥ 1.8	3.0	Pass
	Avg Deployment Force	≤ 1350 Lbf	939.8 Lbf	Pass
	Post Fall Creep	≤ 4"	0.2"	Pass
	Post Fall Operation	Lock and pay line in & out	Lock and pay	Pass
CSA Z259.2.2-2017 7.7.3.2	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	≤ 1800 Lbf	1660.3 lbf	Pass
	Avg Arrest Force	Information only	1144.9 lbf	Information only
	Arrest Distance	Information only	93.2"	Information only
	Performance Factor	≥ 1.8	3.5	Pass
	Avg Deployment Force	≤ 1350 Lbf	1092.6 Lbf	Pass
	Post Fall Operation	Lock until released	Locked	Pass
CSA Z259.2.2-2017 7.7.3.3	Fall Arrest	Test Mass shall not hit the ground	Did not hit	Pass
	Max Arrest Force	≤ 1800 Lbf	1576.4 lbf	Pass
	Avg Arrest Force	Information only	1030.7 lbf	Information only
	Arrest Distance	Information only	94.8"	Information only
	Post Fall Operation	Lock until released	Locked	Pass

Conclusion	
Based upon the samples provided to the Lab: FallTech P/N 721520LE Rev. A meets the requirements of CSA Z259.2.2-2017	

Report Signatories and Approval			
Lab Quality Manager		Date	10/11/2021
Witnessed by	Bob Howey (Element) 	Date	10-17-21