

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 #

DC0901042a

Declaration Date

10/8/2021

Tested Item #

721530LE

FT-R SRL, Leading Edge, 30', Plastic Housing

Additional Items Conforming Under this Declaration:

721530LEB

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-2390

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/13/2023



International Accreditation Service, Inc
3060 Saturn St, Ste 100
Brea, CA 92821 +1 562-364-8201

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

FallTech Test Report

Test Report No.	PC-2390	Rpt. Date	10/7/2021	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.	721530LE	Part No. Revision	A				
Part Description	FT-R SRL, Leading Edge, 30', Plastic Housing						
Test Request No.	PC-2390	Date Complete	9/30/2021				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
FT43878	FT-R SRL, Leading Edge, 30', Plastic Housing
FT43878	FT-R SRL, Leading Edge, 30', Plastic Housing
FT43878	FT-R SRL, Leading Edge, 30', Plastic Housing
FT43874	FT-R SRL, Leading Edge, 30', Plastic Housing
FT49611	FT-R SRL, Leading Edge, 30', Plastic Housing
FT49550	FT-R SRL, Leading Edge, 30', Plastic Housing
FT43851	FT-R SRL, Leading Edge, 30', Plastic Housing
FT49636	FT-R SRL, Leading Edge, 30', Plastic Housing
FT49640	FT-R SRL, Leading Edge, 30', Plastic Housing
PCL1	FT-R SRL, Leading Edge, 30', Plastic Housing
FT43896	FT-R SRL, Leading Edge, 30', 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	3.0 lbF	Pass
	Retraction Tension 20% Extracted	1.0 Lbf - 20 Lbf	3.4 lbF	Pass
	Retraction Tension 40% Extracted	1.0 Lbf - 20 Lbf	3.8 lbF	Pass
	Retraction Tension 60% Extracted	1.0 Lbf - 20 Lbf	4.0 lbF	Pass
	Retraction Tension 80% Extracted	1.0 Lbf - 20 Lbf	4.4 lbF	Pass
	Retraction Tension 100% Extracted	1.0 Lbf - 20 Lbf	5.0 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	1095.5 lbF	Information only
	Arrest Distance	≤ 36"	27.7"	Pass
CSA Z259.2.2-2017 7.4.2	Static Strength	≥ 2990 Lbf for ≥ 60 Seconds	3031.2 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	1547.0 lbF	Pass
	Avg Arrest Force	Information only	962.1 lbF	Information only
	Arrest Distance	≤ 47"	25.1"	Pass
	Post Fall Operation	Lock and pay line in & out	Lock and pay	Pass
	Braking Capacity	Maintain > 25%	> 50%	Pass



FallTech Test Report

Test Report No.	PC-2390	Rpt. Date	10/7/2021	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.	721530LE	Part No. Revision	A				
Part Description	FT-R SRL, Leading Edge, 30', Plastic Housing						
Test Request No.	PC-2390	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	1529.0 lbF
	Avg Arrest Force	Information only	1059.1 lbF
	Arrest Distance	≤ 47"	18.4"
	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	1306.3 lbF
	Avg Arrest Force	Information only	946.3 lbF
	Arrest Distance	≤ 47"	17.0"
	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	1402.2 lbF
	Avg Arrest Force	Information only	1029.6 lbF
	Arrest Distance	Information only	46.8"
	Performance Factor	≥ 1.8	3.0
	Avg Deployment Force	≤ 1349 Lbf	926.3 Lbf
	Post Fall Creep	≤ 4"	.2"
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	1485.0 lbF
	Avg Arrest Force	Information only	1168.2 lbF
	Arrest Distance	Information only	42.8"
	Performance Factor	≥ 1.8	3.2
	Avg Deployment Force	≤ 1349 Lbf	984 Lbf
	Post Fall Creep	≤ 4"	0.0"
	Post Fall Operation	Lock and pay line in & out	Lock and pay

FallTech Test Report

Test Report No.	PC-2390	Rpt. Date	10/7/2021	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.	721530LE	Part No. Revision	A				
Part Description	FT-R SRL, Leading Edge, 30', Plastic Housing						
Test Request No.	PC-2390	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	1359.6 lbf	Pass
	Avg Arrest Force	Information only	974.7 lbf	Information only
	Arrest Distance	Information only	54.3"	Information only
	Performance Factor	≥ 1.8	2.7	Pass
	Avg Deployment Force	≤ 1350 Lbf	841 Lbf	Pass
	Post Fall Creep	≤ 4"	.1"	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	1564.1 lbf	Pass
	Avg Arrest Force	Information only	1207.4 lbf	Information only
	Arrest Distance	Information only	96.6"	Information only
	Performance Factor	≥ 1.8	3.4	Pass
	Avg Deployment Force	≤ 1350 Lbf	1035.6 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	1363.7 lbf	Pass
	Avg Arrest Force	Information only	1062.3 lbf	Information only
	Arrest Distance	Information only	113.6"	Information only
	Post Fall Operation	Lock until released	Locked	Pass

Conclusion

Based upon the samples provided to the Lab: FallTech P/N 721530LE Rev. A meets the requirements of CSA Z259.2.2-2017

Report Signatories and Approval

Lab Quality Manager		Date	10/7/2021
Witnessed by	Bob Howey (Element)	Date	

