

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 #

D0913051

Declaration Date

9/13/2022

Tested Item #

84308SP8

8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner

Additional Items Conforming Under this Declaration:

84308SP8S

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following product standard(s):

ANSI Z359.14-2021

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-2679

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/13/2022



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2679	Rpt. Date	9/13/2022	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.14-2021: 4.2.1, 4.2.3, 4.3.1, 4.3.2, 4.5.1, 4.6.1, 4.6.2, 4.6.3				
Part No.	84308SP8	Part No. Revision	A				
Part Description	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner						
Test Request No.	PC-2679	Date Complete	9/7/2022				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6554530	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554534	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554529	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554552	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554528	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554523	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554527	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554543	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554532	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554527	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554543	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554532	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554552	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554528	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554523	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554537	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554431	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554550	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554546	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554544	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554540	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554548	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554533	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554542	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554552	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554528	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner
6554523	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner

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Part No.	84308SP8	Part No. Revision	A				
Part Description	8' Web FT-X Tie-back SRL, Single-leg with Steel 5K Carabiner						
Test Request No.	PC-2679	Date Complete	9/7/2022				

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3627.5 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3630.7 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3622.9 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3626.9 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3637.6 lbf	Pass
ANSI Z359.14-2021 4.6.3	Static Strength Wrap-Around ≥ 3600 Lbf for ≥ 60 Seconds	3638.7 lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1826.1 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1830.2 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1827.2 Lbf	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1276.9 Lbf	Pass
	Visual Indicator Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1199.4 Lbf	Pass
	Visual Indicator Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1287.6 Lbf	Pass
	Visual Indicator Clear Evidence of Impact	Clear Evidence	Pass

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Test Request No.	PC-2679	Date Complete	9/7/2022				

Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1303.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	881.4 lbF	Pass
	Arrest Distance	≤ 42"	35.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1254.7 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	782.0 lbF	Pass
	Arrest Distance	≤ 42"	28.0"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1231.5 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	824.1 lbF	Pass
	Arrest Distance	≤ 42"	29.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1194.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	778.5 lbF	Pass
	Arrest Distance	≤ 42"	31.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1161.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	771.5 lbF	Pass
	Arrest Distance	≤ 42"	38.6"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1184.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	700.2 lbF	Pass
	Arrest Distance	≤ 42"	40.4"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1325.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	882.1 lbF	Pass
	Arrest Distance	≤ 42"	33.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1375.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	940.1 lbF	Pass
	Arrest Distance	≤ 42"	34.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1350.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	852.5 lbF	Pass
	Arrest Distance	≤ 42"	40.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1216.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	796.8 lbF	Pass
	Arrest Distance	≤ 42"	31.9"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1160.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	779.3 lbF	Pass
	Arrest Distance	≤ 42"	32.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1256.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	790.3 lbF	Pass
	Arrest Distance	≤ 42"	37.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.1 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	6.2 lbF Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.4 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.6 lbF Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.7 lbF Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.2 lbF Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.3 lbF Pass

Conclusion

Based upon the samples provided to the Lab: FallTech P/N 84308SP8 Rev. A meets the requirements of ANSI Z359.14-2021

Report Signatories and Approval

Lab Quality Manager		Date	9/13/2022
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