

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 #

D1108062a

Declaration Date

11/8/2022

Tested Item #

84711SA1

11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook

Additional Items Conforming Under this Declaration:

84711SA3 84711SC3

84711SA4 84711SG4

84711SC1 84711SC2

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-2722

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

9/18/2023



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-2722	Rpt. Date	11/7/2022	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, 4.3.1.7, 4.3.1.8, 4.3.1.9, 4.3.2, 4.5.1,				
Part No.	84711SA1	Part No. Revision	A				
Part Description	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook						
Test Request No.	PC-2722	Date Complete	11/7/2022				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6675059	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675092	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675061	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675094	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675083	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675065	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675094	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675083	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675065	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675084	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675063	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675059	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675075	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675066	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675068	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675082	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675072	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675088	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675090	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675069	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675079	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675081	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675060	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675067	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675086	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675078	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675091	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675076	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675070	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675087	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675074	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675064	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook

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Part No.	84711SA1	Part No. Revision	A				
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Test Request No.	PC-2722	Date Complete	11/7/2022				

Material/Sample Identification (Continued)

Sample ID	Description
6675080	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675084	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675063	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook
6675059	11' Web FT-X Overhead SRL, Single-leg with Swivel Eye and Steel Snap Hook

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3634.3 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3622.2 lbf	Pass
ANSI Z359.14-2021 4.2.1	Static Strength	≥ 3600 Lbf for ≥ 60 Seconds	3625.2 lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	≥ 1800 Lbf for ≥ 60 Seconds	1832.2 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	≥ 1800 Lbf for ≥ 60 Seconds	1830.4 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength	≥ 1800 Lbf for ≥ 60 Seconds	1864.6 Lbf	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall	≤ 1800 Lbf	1230.3 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall	≤ 1800 Lbf	1154.8 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall	≤ 1800 Lbf	1166.2 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1089.6 lbf	Pass
	Avg Arrest Force	≤ 1350 Lbf	826.8 lbf	Pass
	Arrest Distance	≤ 42 "	21.6"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Request No.	PC-2722	Date Complete	11/7/2022				

Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1197.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	852.4 lbF	Pass
	Arrest Distance	≤ 42"	32.0"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1128.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	814.5 lbF	Pass
	Arrest Distance	≤ 42"	20.9"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1050.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	776.1 lbF	Pass
	Arrest Distance	≤ 42"	23.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1115.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	798.6 lbF	Pass
	Arrest Distance	≤ 42"	24.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1085.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	811.8 lbF	Pass
	Arrest Distance	≤ 42"	22.7"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1279.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	932.5 lbF	Pass
	Arrest Distance	≤ 42"	27.7"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass

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Test Request No.	PC-2722	Date Complete	11/7/2022				

Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.3.1.8 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1309.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	902.1 lbF	Pass
	Arrest Distance	≤ 42"	20.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1299.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	935.7 lbF	Pass
	Arrest Distance	≤ 42"	28.5"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1100.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	861.5 lbF	Pass
	Arrest Distance	≤ 42"	22.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1099.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	862.2 lbF	Pass
	Arrest Distance	≤ 42"	30.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 Attached to Anchor	Max Arrest Force	≤ 1800 Lbf	1263.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	876.6 lbF	Pass
	Arrest Distance	≤ 42"	28.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1122.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	852.4 lbF	Pass
	Arrest Distance	≤ 42"	31.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1157.3 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	844.3 lbF	Pass
	Arrest Distance	≤ 42"	31.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1192.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	860.7 lbF	Pass
	Arrest Distance	≤ 42"	28.9"	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 4.3.1.7 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1081.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	795.5 lbF	Pass
	Arrest Distance	≤ 42"	22.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1177.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	844.4 lbF	Pass
	Arrest Distance	≤ 42"	21.9"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1105.6 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	799.0 lbF	Pass
	Arrest Distance	≤ 42"	22.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1332.9 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	861.8 lbF	Pass
	Arrest Distance	≤ 42"	18.3"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1280.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	892.5 lbF	Pass
	Arrest Distance	≤ 42"	20.7"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1320.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	878.0 lbF	Pass
	Arrest Distance	≤ 42"	19.6"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1185.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	844.3 lbF	Pass
	Arrest Distance	≤ 42"	31.3"	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 4.3.1.9 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1121.5 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	831.3 lbF	Pass
	Arrest Distance	≤ 42"	30.4"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9 Attached to Weight	Max Arrest Force	≤ 1800 Lbf	1111.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	842.6 lbF	Pass
	Arrest Distance	≤ 42"	29.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.0 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	2.2 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	1.8 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.8 lbF	Pass
ANSI Z359.14-2021 4.5.1	Retraction Tension 0% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	1.8 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.6 lbF	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 84711SA1 Rev. A meet the requirements of ANSI Z359.14-2021

Report Signatories and Approval

Lab Quality Manager		Date	11/7/2022
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