

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 #

D0627050b

Declaration Date

6/27/2022

Tested Item # **72706SA1/ 6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap**
72706TH1 Hooks

Additional Items Conforming Under this Declaration:				72706TH0	72906SC5	72906TB5
72706SA3	72706SB2	72706SG5	72706TB3F	72706TH3	72906SC6	
72706SA4	72706SB3	72706SG6	72706TB3FB	72706TH5	72906SC6L	
72706SA5	72706SB4	72706TB1	72706TB4	72906SC1	72906SCD1L	
72706SA6	72706SB5	72706TB2	72706TB5	72906SC3	72906TB1	
72706SB1	72706SB6	72706TB3	72706TB6	72906SC3S	72906TB3	

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 & ASTM F887

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-2640

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

6/7/2023



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-2640	Rpt. Date	6/24/2022	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				
Part No.	72706SA1 / 72706TH1		Part No. Revision	G / D			
Part Description	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks						
Test Request No.	PC-2640		Date Complete	6/23/2022			
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6476714	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6476717	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6476715	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6474014	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6474009	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6421719	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392264	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392267	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392302	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392164	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392228	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392242	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6242932	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6242927	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6243002	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392264	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392267	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392302	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392256	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392226	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392315	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392171	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392273	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392303	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392232	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392234	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392304	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392264	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392267	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks
6392302	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks

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Part No.	72706SA1 / 72706TH1			Part No. Revision	G / D		
Part Description	6' Web Mini SRD Single-leg and Twin-leg, with Steel Snap Hooks						
Test Request No.	PC-2640			Date Complete	6/23/2022		

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3617.7 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3622.6 lbF	Pass
ANSI Z359.14-2021 4.2.1	Static Strength ≥ 3600 Lbf for ≥ 60 Seconds	3623.7 lbF	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3621.9 lbF	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3626.3 lbF	Pass
ANSI Z359.14-2021 4.6.1	Static Strength, Dual Configuration ≥ 3600 Lbf for ≥ 60 Seconds	3623.9 lbF	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1830.8 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1827.0 Lbf	Pass
ANSI Z359.14-2021 4.2.3	Locking Strength ≥ 1800 Lbf for ≥ 60 Seconds	1828.4 Lbf	Pass
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1136.2 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1099.0 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence
ANSI Z359.14-2021 4.3.2	Max Arrest 72" Freefall ≤ 1800 Lbf	1092.9 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence

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Test Summary (continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	≤ 1800 Lbf	1776.7 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	≤ 1800 Lbf	1832.3 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.6.2	Max Arrest Dual Configuration	≤ 1800 Lbf	1799.6 Lbf	Pass
	Visual Indicator	Clear Evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1081.1 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	759.8 lbF	Pass
	Arrest Distance	≤ 42"	16.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1127.2 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	811.6 lbF	Pass
	Arrest Distance	≤ 42"	18.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1	Max Arrest Force	≤ 1800 Lbf	1050.9 lbF	Pass
	Avg Arrest Force	≤ 1350 Lbf	752.2 lbF	Pass
	Arrest Distance	≤ 42"	16.6"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1039.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	732.4 lbF	Pass
	Arrest Distance	≤ 42"	18.2"	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	Max Arrest Force	≤ 1800 Lbf	1181.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	766.6 lbF	Pass
	Arrest Distance	≤ 42"	18.8"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.7	Max Arrest Force	≤ 1800 Lbf	1195.7 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	782.3 lbF	Pass
	Arrest Distance	≤ 42"	17.5"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1269.4 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	799.7 lbF	Pass
	Arrest Distance	≤ 42"	17.2"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1137.1 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	821.4 lbF	Pass
	Arrest Distance	≤ 42"	17.1"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.8	Max Arrest Force	≤ 1800 Lbf	1116.3 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	799.4 lbF	Pass
	Arrest Distance	≤ 42"	15.0"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	1005.8 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	746.0 lbF	Pass
	Arrest Distance	≤ 42"	17.8"	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	Max Arrest Force	≤ 1800 Lbf	968.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	750.7 lbF	Pass
	Arrest Distance	≤ 42"	18.7"	Pass
	Visual Indicator	Clear evidence of Impact	Clear Evidence	Pass
ANSI Z359.14-2021 4.3.1.9	Max Arrest Force	≤ 1800 Lbf	973.0 lbF	Pass
	Avg Arrest Force	≤ 1575 Lbf	744.5 lbF	Pass
	Arrest Distance	≤ 42"	16.9"	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	3.0 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	3.8 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.4 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	3.2 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	2.6 lbF	Pass
	Retraction Tension 50% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	4.0 lbF	Pass
	Retraction Tension 100% Extracted	1.25 Lbf - 25 Lbf ≤ 48" Extended	5.0 lbF	Pass

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 72706SA1 Rev. G and 72706TH1 Rev. D meets the requirements of ANSI Z359.14-2021

Report Signatories and Approval

Lab Quality Manager		Date	6/24/2022
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