

# 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 #

BG0328206

Declaration Date

3/28/2024

Tested Item # **7017SMFD Contractor FBH 4D Climbing Non-Belted Small/Medium**

Additional Items Conforming Under this Declaration:

G7017SMFD

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

**ANSI Z359.11-2021**

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-2566

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

3/28/2024



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

### FallTech Test Report

<b>Test Report No.</b>	PC-2566	<b>Rpt. Date</b>	4/22/2022	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
<b>Part No.</b>	7017SMFD	<b>Part No. Revision</b>	D				
<b>Part Description</b>	Contractor FBH 4D Climbing Non-Belted Small/Medium						
<b>Test Request No.</b>	PC-2566	<b>Date Complete</b>	4/21/2022				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
6263151	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263141	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263140	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170914	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170921	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170928	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263145	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263146	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263155	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170912	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263147	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263149	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306893	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306886	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306887	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306895	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306882	Contractor FBH 4D Climbing Non-Belted Small/Medium
6306897	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170914	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170921	Contractor FBH 4D Climbing Non-Belted Small/Medium
6170928	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263155	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263146	Contractor FBH 4D Climbing Non-Belted Small/Medium
6263145	Contractor FBH 4D Climbing Non-Belted Small/Medium

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3657.1 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3657.3 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear > 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
<b>Part No.</b>	7017SMFD	<b>Part No. Revision</b>	D				
<b>Part Description</b>	Contractor FBH 4D Climbing Non-Belted Small/Medium						
<b>Test Request No.</b>	PC-2566	<b>Date Complete</b>	4/21/2022				

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3648.9 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf $\geq$ 1 Minute	3639.5 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf $\geq$ 1 Minute	3642.0 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf $\geq$ 1 Minute	3647.2 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3650.6 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass

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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
<b>Part No.</b>	7017SMFD	<b>Part No. Revision</b>	D				
<b>Part Description</b>	Contractor FBH 4D Climbing Non-Belted Small/Medium						
<b>Test Request No.</b>	PC-2566	<b>Date Complete</b>	4/21/2022				

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3654.4 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3656.6 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5928.2	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.3"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5520.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.1°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.2"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5620.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.5°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	8.0"	Pass

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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
<b>Part No.</b>	7017SMFD	<b>Part No. Revision</b>	D				
<b>Part Description</b>	Contractor FBH 4D Climbing Non-Belted Small/Medium						
<b>Test Request No.</b>	PC-2566	<b>Date Complete</b>	4/21/2022				

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact $\geq$ 3,600 Lbf or 72" Free Fall	72" Free fall 5097.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact $\geq$ 3,600 Lbf or 72" Free Fall	72" Free fall 4839.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.6°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact $\geq$ 3,600 Lbf or 72" Free Fall	72" Free fall 5219.1 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4238.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 50°	14.7°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	13.1"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4700.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 50°	28.9°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.9"	Pass

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### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4309.5 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest ≤ 50°	17.0°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	14.9"	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass

### Conclusion

Based upon the samples provided to the Lab: FallTech P/N 7017SMFD Rev. D meets the requirements of ANSI Z359.11-2021
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### Report Signatories and Approval

Lab Quality Manager		Date	4/22/2022
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