

# 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 #

B0526192

Declaration Date

5/26/2023

Tested Item #

7021FDM

Journeyman Flex Climbing Non-belted FBH Med Steel  
1D+FD TB Legs QC Chest, w/ Trauma Pack

Additional Items Conforming Under this Declaration:

7021FDS 7021FD2X

7021FDL 7021FD3X

7021FDXL

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-2847

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

5/26/2023



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

<b>Test Report No.</b>	PC-2847	<b>Rpt. Date</b>	5/25/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<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>	7021FDM	<b>Part No. Revision</b>			J		
<b>Part Description</b>	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest						
<b>Test Request No.</b>	PC-2847	<b>Date Complete</b>			9/27/2022		
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
6970985	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970986	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970987	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970957	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970958	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970982	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970969	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970981	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970953	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970962	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970961	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970974	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970956	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970984	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970983	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970957	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970958	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970982	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970986	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970987	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest
6970985	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest

### 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	3641.2 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 (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3635.0 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

### FallTech Test Report

<b>Test Report No.</b>	PC-2847	<b>Rpt. Date</b>	5/25/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<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>	7021FDM	<b>Part No. Revision</b>			J		
<b>Part Description</b>	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest						
<b>Test Request No.</b>	PC-2847	<b>Date Complete</b>			9/27/2022		

### 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	3688.0 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	3628.6 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 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf $\geq$ 1 Minute	3631.9 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	3629.5 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 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5204.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.6"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	5394.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.7°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.1"	Pass

## FallTech Test Report

<b>Test Report No.</b>	PC-2847	<b>Rpt. Date</b>	5/25/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<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>	7021FDM	<b>Part No. Revision</b>	J				
<b>Part Description</b>	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest						
<b>Test Request No.</b>	PC-2847	<b>Date Complete</b>	9/27/2022				

### Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	5125.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	2.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.7"	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 3149.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	22.4°	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 3314.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	6.5°	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 4497.1 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	5.8°	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	4549.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	29.6°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.9"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	4524.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	21.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	16.7"	Pass

### FallTech Test Report

<b>Test Report No.</b>	PC-2847	<b>Rpt. Date</b>	5/25/2023	<b>Rpt. Rev</b>		<b>Rev Date</b>	
<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Zachary Winters	<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>	7021FDM	<b>Part No. Revision</b>			J		
<b>Part Description</b>	Journeyman Flex Climbing Non-belted FBH Med Steel 1D+FD TB Legs and QC Chest						
<b>Test Request No.</b>	PC-2847	<b>Date Complete</b>			9/27/2022		

### 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 $\geq 3600$ Lbf	3844.6 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 50^\circ$	21.1°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	17.0"	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 7021FDM Rev. J meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

Lab Quality Manager		Date	5/25/2023
---------------------	---	------	-----------