

# 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 #

B0608195

Declaration Date

6/8/2023

Tested Item #

7023B

Journeyman Flex Standard Non-belted FBH UniFit  
Alum 3D TB Legs/QC Chest, w/ Trauma Pack

### Additional Items Conforming Under this Declaration:

7021B	7021BCS2X	7023B2X	7023BS/M
7021B2X	7021BCSXL	7023B3X	7023BXL
7021BCS	7021BXL	7023BL/X	

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

X

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-2853

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

6/8/2023



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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-2853	<b>Rpt. Date</b>	6/7/2023	<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>	7023B	<b>Part No. Revision</b>			F		
<b>Part Description</b>	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2853	<b>Date Complete</b>			6/7/2023		
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
6882782	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882783	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882794	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882792	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
3882795	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882798	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882790	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882786	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882787	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882740	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882744	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6743200	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882795	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882798	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest
6882792	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/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	3628.4 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.21"	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	3640.3 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.27"	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	3636.4 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.18"	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>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>	7023B	<b>Part No. Revision</b>			F		
<b>Part Description</b>	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2853	<b>Date Complete</b>			6/7/2023		

### 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	3668.9 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 (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3647.1 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 (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3655.3 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
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4265.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.5"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4572.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.6°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.0"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4462.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	3.9°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.2"	Pass

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<b>Part No.</b>	7023B	<b>Part No. Revision</b>			F		
<b>Part Description</b>	Journeyman Flex Standard Non-belted FBH UniFit Alum 3D TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2853	<b>Date Complete</b>			6/7/2023		

### 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 3172.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	29.0°	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 3111.7 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	26.9°	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 3287.3 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	10.5°	Pass
	Impact Indicator	One Indicator Shall Deploy	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 (Doral 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 7023B Rev. F meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

Lab Quality Manager		Date	6/7/2023
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