

# 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 #

B0605194

Declaration Date

6/5/2023

Tested Item #

8128B3DM

FT-One FBH 3D Standard Non-Belted, Medium, TB  
Legs/QC Chest

### Additional Items Conforming Under this Declaration:

8128B3DXS 8128B3DXL

8128B3DS 8128B3D2X

8128B3DL 8128B3D3X

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-2823

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

6/5/2023



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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-2823	<b>Rpt. Date</b>	5/30/2023	<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>	8128B3DM	<b>Part No. Revision</b>	C				
<b>Part Description</b>	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2823	<b>Date Complete</b>	5/26/2023				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
7022574	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022566	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022575	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7062321	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7062314	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022578	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022571	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022567	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
6780636	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022568	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022579	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022565	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022564	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022576	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest
7022570	FT-One FBH 3D Standard Non-Belted, Medium, 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	3623.5 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.23"	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	3633.7 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.25"	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	3635.5 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

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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>	8128B3DM	<b>Part No. Revision</b>	C				
<b>Part Description</b>	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2823	<b>Date Complete</b>	5/26/2023				

### 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	3640.5 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 (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3647.5 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 (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3639.7 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	4529.6 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
	Harness Stretch	Shall Not Exceed 18"	11.7"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4418.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	4.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.1"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4395.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.8°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.1"	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>	8128B3DM	<b>Part No. Revision</b>	C				
<b>Part Description</b>	FT-One FBH 3D Standard Non-Belted, Medium, TB Legs/QC Chest						
<b>Test Request No.</b>	PC-2823	<b>Date Complete</b>	5/26/2023				

### 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 2866.4 Lbf	72" Free fall 2866.4 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 2108.0 Lbf	72" Free fall 2108.0 Lbf Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	5.5° 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 2389.2 Lbf	72" Free fall 2389.2 Lbf Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	2.1° 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 8128B3DM Rev. C meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

Lab Quality Manager		Date	5/30/2023
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