

# 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 #

B0426187

Declaration Date

4/26/2023

Tested Item #

7018B

Contractor+ 3D Standard Non-belted UniFit MB  
Chest/TB Legs

### Additional Items Conforming Under this Declaration:

7016B	7016BDQL/X	7016BEL/X	7016BEQS/M	7016BXS	ML7018B
7016B3X	7016BDQS/M	7016BEQ2X	7016BES/M	7018B3X	ML7018BX/2X
7016BDL/X	7016BDS/M	7016BEQL/X	7016BX/2X	7018BX/2X	ML7018BXS

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-2584

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

4/26/2023



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-2584	<b>Rpt. Date</b>	5/13/2022	<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>	7018B	<b>Part No. Revision</b>	G				
<b>Part Description</b>	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest						
<b>Test Request No.</b>	PC-2584	<b>Date Complete</b>	5/12/2022				
<b>Test Operator(s)</b>	Yesbet Sierra / Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
6399618	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399600	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399263	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399505	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399603	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399605	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399513	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399550	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399512	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399506	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399515	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399502	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399605	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399603	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest
6399505	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB 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	3653.8 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	3637.5 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 (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3652.8 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>	7018B	<b>Part No. Revision</b>	G				
<b>Part Description</b>	Contractor+ FBH 3D Standard Non-belted UniFit TB Legs MB Chest						
<b>Test Request No.</b>	PC-2584	<b>Date Complete</b>	5/12/2022				

### 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	3659.7 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 4.3.5	Static Strength (Side D-rings)	3600 Lbf $\geq$ 1 Minute	3653.9 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	3649.4 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 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4543.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.0°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.8"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4399.4 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"	9.9"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq$ 3600 Lbf	4820.2 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.0"	Pass

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<b>Test Request No.</b>	PC-2584	<b>Date Complete</b>	5/12/2022				

### 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 2567.0 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
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 3102.7 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
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 3108.7 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq$ 30°	1.3°	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 7018B Rev. G meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

<b>Lab Quality Manager</b>		<b>Date</b>	5/13/2022
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