

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 #

B1115043d

Declaration Date

4/15/2022

Tested Item #

7017B

Contractor+ FBH 3D Standard Non-belted UniFit MB
Legs and Chest

Additional Items Conforming Under this Declaration:

7017BX/2X	7017BLX	7015B	7015B3X	7015B2X	SS70152X
7017BXS	7017B2X	7015BX/2X	7015BSM	SS7015	
7017BSM	7017B3X	7015BXS	7015BLX	SS7015XL	

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-2542

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

4/15/2022



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2542	Rpt. Date	4/1/2022	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	7017B			Part No. Revision		H	
Part Description	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest						
Test Request No.	PC-2542			Date Complete		3/29/2022	
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
360068	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360097	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360055	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360091	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360064	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360077	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360073	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360072	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360079	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360069	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360094	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360095	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360077	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360064	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest
360091	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and 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	3644.2 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test 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	3665.2 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test 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
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test 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

Test Report No.	PC-2542	Rpt. Date	4/1/2022	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	7017B			Part No. Revision		H	
Part Description	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest						
Test Request No.	PC-2542			Date Complete		3/29/2022	

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	3638.3 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test 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	3649.6 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test 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	3637.3 Lbf	Pass
	Static Strength (Side D-rings)	Harness Shall Not Release Test 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	5446.4 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"	12.3"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5561.6 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"	12.5"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5460.7 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"	12.8"	Pass

FallTech Test Report

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Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	7017B			Part No. Revision		H	
Part Description	Contractor+ FBH 3D Standard Non-belted UniFit MB Legs and Chest						
Test Request No.	PC-2542			Date Complete		3/29/2022	


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 3973.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	1.7°	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 2761.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	4.4°	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 4366.5 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $\leq 30^\circ$	1.5°	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 7017B Rev. H meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

Lab Quality Manager		Date	4/1/2022
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