

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 #

B1115043c

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
7017BXS	7017B2X	7015BX/2X	7015BSM	
7017BSM	7017B3X	7015BXS	7015BLX	

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-2542

Authorized Signature

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

Test Report No.	PC-2542	Rpt. Date	4/1/2022	Rpt. Rev		Rev Date	
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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°	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°	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°	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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