

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 #

B0117092c

Declaration Date

4/15/2022

Tested Item #

7035FDM

Journeyman Flex Construction Climbing FBH Medium Steel
3D+FD TB Legs QC Chest, w/ Trauma Pack

Additional Items Conforming Under this Declaration:

7035FDXS 7035FDXL

7035FDS 7035FD2X

7035FDL 7035FD3X

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-2559

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-2559	Rpt. Date	4/8/2022	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.	7035FDM	Part No. Revision	H				
Part Description	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest						
Test Request No.	PC-2559	Date Complete	4/7/2022				
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6297109	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297132	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297125	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297135	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297192	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297142	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297127	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297131	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297123	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297137	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297141	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297126	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297138	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297140	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297136	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297124	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297133	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297134	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297123	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297131	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297127	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297142	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297129	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest
6297135	Journeyman Flex Construction Climbing FBH Steel 3D+FD 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	3644.2 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	3637.2 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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Part No.	7035FDM	Part No. Revision	H				
Part Description	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest						
Test Request No.	PC-2559	Date Complete	4/7/2022				

Test Summary Continued

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	3630.4 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 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf \geq 1 Minute	3637.1 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 (Sternal D-ring)	3600 Lbf \geq 1 Minute	3632.9 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 (Sternal D-ring)	3600 Lbf \geq 1 Minute	3665.7 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	3645.0 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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Part No.	7035FDM	Part No. Revision	H				
Part Description	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest						
Test Request No.	PC-2559	Date Complete	4/7/2022				

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	3643.2 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	3698.6 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	4496.3	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	2.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.8"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	4090.8 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"	12.1"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5078.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	2.0°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.8"	Pass

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Part No.	7035FDM	Part No. Revision			H		
Part Description	Journeyman Flex Construction Climbing FBH Steel 3D+FD TB Legs/QC Chest						
Test Request No.	PC-2559	Date Complete			4/7/2022		

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 3722.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	7.4°	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 3414.6 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	11.5°	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	72" Free fall 2191.1 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	9.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	3423.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 50°	26.2°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	12.7"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	4088.1 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 50°	25.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	12.3"	Pass

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Test Request No.	PC-2559	Date Complete			4/7/2022		

Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4280.9 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest ≤ 50°	23.0°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	12.6"	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
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Sternal 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 (Sternal 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 (Sternal 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 7035FDM Rev. H meets the requirements of ANSI Z359.11-2021
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Report Signatories and Approval

Lab Quality Manager		Date	4/8/2022
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