

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 #

B0605193

Declaration Date

6/5/2023

Tested Item #

7027

Journeyman Flex Retrieval Non-belted FBH UniFit Steel
1D+SD TB Legs QC Chest, w/ Trauma Pack

Additional Items Conforming Under this Declaration:

7027XS	70273X	7027C2X
7027XL	7027C	7027CXS
70272X	7027CXL	

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-2850

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

6/5/2023



International Accreditation Service, Inc

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FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	PC-2850	Rpt. Date	5/30/2023	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	7027	Part No. Revision			H		
Part Description	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest						
Test Request No.	PC-2850	Date Complete			5/26/2023		
Test Operator(s)	Yesbet Sierra / Jay Sponholz						

Material/Sample Identification

Sample ID	Description
6974312	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974304	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974317	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974305	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974296	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974302	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974318	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974333	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974330	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974316	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974300	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974314	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974302	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974296	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest
6974305	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD 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	3648.3 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	3636.2 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	3661.6 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

FallTech Test Report

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Initiated By	Zachary Winters	Test Specification(s)		ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6			
Part No.	7027	Part No. Revision			H		
Part Description	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest						
Test Request No.	PC-2850	Date Complete			5/26/2023		

Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Shoulder D-rings)	3600 Lbf \geq 1 Minute	3631.4 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 (Shoulder D-rings)	3600 Lbf \geq 1 Minute	3643.3 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 (Shoulder 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	4506.4 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	3.2°	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	4474.6 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"	11.4"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	4172.8 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"	12.0"	Pass

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Part No.	7027	Part No. Revision	H				
Part Description	Journeyman Flex Retrieval Non-belted FBH UniFit Steel 1D+SD TB Legs QC Chest						
Test Request No.	PC-2850	Date Complete	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 2289.2 Lbf	72" Free fall Pass
	Fall Arrest	Shall Not Release Torso Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30° 16.9°	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 3374.1 Lbf	72" Free fall Pass
	Fall Arrest	Shall Not Release Torso Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30° 10.3°	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 4285.8 Lbf	72" Free fall Pass
	Fall Arrest	Shall Not Release Torso Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30° 7.2°	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 7027 Rev. H meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

Lab Quality Manager		Date	5/30/2023
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