

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221

Declaration #

B1215014a

Declaration Date

12.30.15

Tested Item #

7018

Contractor 3D Standard Non-belted FBH

Additional Items Conforming Under this Declaration:

7018XS	7018XL	70182X	70183X	7018SML	7018LXL	70182X3XL
7016	7016XS	7016X/2X	70163X	7018SMO	7018LXO	70182X3XO
A7016	A7016X/2X				7016LXL	7016SML

Alexander Andrew, Inc. declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

ANSI Z359.11-2014

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-0778

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

1.25.16

FallTech Test Report

Test Report Number	PC-0778	Date	12/30/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7018	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0778	Date Received	12/10/2015	Date Complete		12/22/2015	
Test Operator	Jay Sponholz	Test Operator	Yesbet Sierra				

Material/Sample Identification

Sample ID	Description
2478185	Full Body Harness
2478641	Full Body Harness
2478910	Full Body Harness
2478617	Full Body Harness
2478203	Full Body Harness
2478533	Full Body Harness
2478640	Full Body Harness
2478549	Full Body Harness
2478593	Full Body Harness
2478171	Full Body Harness
2478332	Full Body Harness
2478743	Full Body Harness
2478324	Full Body Harness
2478303	Full Body Harness
2478634	Full Body Harness

FallTech Test Report

Test Report Number	PC-0778	Date	12/30/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7018	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0778	Date Received	12/10/2015	Date Complete	12/22/2015		

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3634.9 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	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3650.1 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	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf $\geq$ 1 Minute	3639.2 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	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

FallTech Test Report

Test Report Number	PC-0778	Date	12/30/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7018	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0778	Date Received	12/10/2015	Date Complete	12/22/2015		

ANSI Z359.11-2014 4.3.5	Static Strength (Side D-ring)	3600 Lbf $\geq$ 1 Minute	3655.9 Lbf	Pass
	Static Strength (Side D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Side D-ring)	3600 Lbf $\geq$ 1 Minute	3645.5 Lbf	Pass
	Static Strength (Side D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Side D-ring)	3600 Lbf $\geq$ 1 Minute	3643.9 Lbf	Pass
	Static Strength (Side D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.0"	Pass
	Tear Distance	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

FallTech Test Report

Test Report Number	PC-0778	Date	12/30/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7018	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0778	Date Received	12/10/2015	Date Complete	12/22/2015		

ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4270.0 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	4.3°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	9.2"	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4298.6 Lbf	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	4.3°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	7.1"	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4291.3 Lbf	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	6.5°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	7.8"	Pass

FallTech Test Report

Test Report Number	PC-0778	Date	12/30/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7018	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0778	Date Received	12/10/2015	Date Complete	12/22/2015		

ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load ≤ 120 Lbf	118.0 Lbf	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load ≤ 120 Lbf	109.4 Lbf	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load ≤ 120 Lbf	95.4 Lbf	Pass

Conclusion

FallTech P/N 7018 meets the requirements of ANSI Z359.11-2014.

Report Signatories and Approval

Lab Quality Manager	<i>Jon Spahr</i>	Date	12-31-15
Witnessed by	<i>M. A. James</i>	Date	1-5-16



Certificate# TL-594 Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a
laboratory quality management system (refer to the joint ISO-ILAC-IAF Communique dated January 2009).
FallTech Testing Laboratory allows for a +/- 5% tolerance on dynamic and static strength test results.