

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B1115055a

Declaration Date

11.16.15

Tested Item #

7023B

Journeyman Flex 3D Standard Non-Belted FBH

Additional Items Conforming Under this Declaration:

7023BXL

7021B

7021BXL

7021B2X

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-0610

PC-610HF

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

3.6.17

### FallTech Test Report

Test Report Number	PC-0610	Date	11/16/2015	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 #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0610	Date Received	8/13/2015		Date Complete	11/5/2015	
Test Operator	Jay Sponholz	Test Operator	Yesbet Sierra				

### Material/Sample Identification

Sample ID	Description
H1	Full Body Harness
H2	Full Body Harness
H3	Full Body Harness
H4	Full Body Harness
H5	Full Body Harness
H6	Full Body Harness
H7	Full Body Harness
H8	Full Body Harness
H9	Full Body Harness
H10	Full Body Harness
H11	Full Body Harness
H12	Full Body Harness

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 performance and static strength test results.*

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Base Part #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0610	Date Received	8/13/2015	Date Complete		11/5/2015	

### Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3,600 Lbf $\geq$ 1 Minute	3634.7 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	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)	3,600 Lbf $\geq$ 1 Minute	3629.1 Lbf	Pass
	Static Strength (Dorsal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $\leq$ 1"	0.89"	Pass
	Tear Distance	Shall Not Tear a Distance Greater Than to Adjacent Eyelet	Did Not Tear	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)	3,600 Lbf $\geq$ 1 Minute	3642.8 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	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

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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 #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0610	Date Received	8/13/2015	Date Complete		11/5/2015	

ANSI Z359.11-2014 4.3.5	Static Strength (Hip D-rings)	3,600 Lbf $\geq$ 1 Minute	3681.7 Lbf	Pass
	Static Strength (Hip D-rings)	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	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Hip D-rings)	3,600 Lbf $\geq$ 1 Minute	3648.6 Lbf	Pass
	Static Strength (Hip D-rings)	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	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass
ANSI Z359.11-2014 4.3.5	Static Strength (Hip D-rings)	3,600 Lbf $\geq$ 1 Minute	3687.8 Lbf	Pass
	Static Strength (Hip D-rings)	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	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass

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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 #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production		BOM	No	
Test Request #	PC-0610	Date Received	8/13/2015	Date Complete		11/5/2015	

ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq 3,600$ Lbf	4872.5 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 $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest $\leq 30^\circ$	5.30°	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"	6.24"	Pass
	Dynamic Performance Dorsal D-ring (Feet First)			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq 3,600$ Lbf	4786.5 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 $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest $\leq 30^\circ$	5.6°	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"	7.68"	Pass
	Dynamic Performance Dorsal D-ring (Feet First)			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $\geq 3,600$ Lbf	4859.1 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 $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest $\leq 30^\circ$	3.2°	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"	7.08"	Pass
	Dynamic Performance Dorsal D-ring (Feet First)			

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### FallTech Test Report


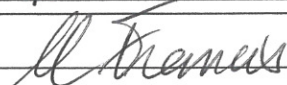
Test Report Number	PC-0610	Date	11/16/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.6, 4.3.7				
Base Part #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0610	Date Received	8/13/2015	Date Complete	11/5/2015		

ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test Dorsal 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 Dorsal 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 Dorsal 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	Previously Tested and Passed Under PC-0722	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load < 120 Lbf		Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load < 120 Lbf		Pass

### Conclusion

FallTech P/N 7023B meets the requirements of ANSI Z359.11-2014.

### Report Signatories and Approval

Lab Quality Manager		Date	11/16/2015
Witnessed by		Date	11-24-15



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Testing. Advising. Assuring.

February 28, 2017

FallTech Testing Laboratory  
1306 S. Alameda Street  
Compton, CA 90221

Attention: Jay Sponholz  
Quality Manager

Subject: **Attestation of Witnessing Testing**  
**Exova OCM Job # 370235-1**  
**FallTech P.O.: OPEN**  
**Report No.: PC-0610HF**  
**Base Part No. 7023B**  
**Description: Full Body Harness**

Dear Mr. Sponholz:



The purpose of this attestation is to attest to the fact that a representative of Exova OCM was on site at FallTech's facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:



- Date of Testing:
  - February 3, 2017
- Exova OCM Test Witness:
  - Kevin Ton
- FallTech Test Operators:
  - Yesbet Sierra and Jay Sponholz
- Specification:
  - ANSI Z359.11-2014 Section 4.3.4
- Equipment Calibration Interval
  - 1 year, except weights which are 5 years



Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM test witness certifies the report accurately presents the testing performed on the samples identified.

Test Report #	Date	Base Part #	Description	Sample ID's	Results
PC-0610 HF	2/13/2017	7023B	Full Body Harness	3731756 3222220 3222226	Pass

<b>Test Witness Signature:</b> <b>Kevin Ton</b> <b>Test Technician</b> <b>Mechanical Laboratory</b>	<b>(Signed for and on behalf of Exova-OCM)</b>  
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<b>Approval Signature:</b> <b>Thomas J. (Tom) Parsons</b> <b>Manager</b> <b>Quality / Technical Services</b>	<b>(Signed for and on behalf of Exova-OCM)</b>  
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This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.





## FallTech Test Report

Test Report Number	PC-0610 HF	Date	2/13/2017	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014; 4.3.4				
Base Part #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production			BOM	No
Test Request #	PC-0610 HF	Date Received	11/23/2016	Date Complete		2/3/2017	
Test Operator	Yesbet Sierra	Test Operator	Jay Sponholz				

### Material/Sample Identification

Sample ID	Description
3731756	Full Body Harness
3222220	Full Body Harness
3222226	Full Body Harness

### Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First) Peak Impact Load $\geq 3,600$ Lbf	2580.8 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First) Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First) Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First) Angle at Rest $\leq 30^\circ$	5.8°	Pass
	Dynamic Performance Dorsal D-ring (Head First) At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First) Peak Impact Load $\geq 3,600$ Lbf	2449.6 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First) Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First) Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First) Angle at Rest $\leq 30^\circ$	3.3°	Pass
	Dynamic Performance Dorsal D-ring (Head First) At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass

### FallTech Test Report

Test Report Number	PC-0610 HF	Date	2/13/2017	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014; 4.3.4				
Base Part #	7023B	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0610 HF	Date Received	11/23/2016	Date Complete	2/3/2017		

### Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load $\geq 3,600$ Lbf	3262.3 Lbf	*
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest $\leq 30^\circ$	7.8°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass



### Conclusion

FallTech P/N 7023B meets the requirements of ANSI Z359.11-2014. 4.3.4

### Test Exceptions

\* Harness has been dynamically tested and subjected to forces of 5,000 Lbs. or more. Energy absorbing properties inherent to the harness prevented residual force readings equal to or greater than the 3,600 Lbs. required by the standard.

### Report Signatories and Approval

Lab Quality Manager	Jay Sponholz		Date	2/13/2017
Witnessed by	Kevin Ton		Date	2/20/2017