

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



FALLTECH®

Fall Protection. Precision Engineered.

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

Declaration #

B0917080a

Declaration Date

9.29.17

Tested Item #

7082SMRD

ComforTech 5D Retrieval Construction FBH

Additional Items Conforming Under this Declaration:

7082LXRD

7082SM

7082LX

7082XS

70822X

70823X

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

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-1218

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

2.13.18

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Testing. Advising. Assuring.

October 2, 2017

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

Attention: Jay Sponholz
Quality Manager

Subject: **Attestation of Witnessing Testing**
Exova OCM Job # 371456-3
FallTech P.O.: OPEN
Report No.: PC-1218
Base Part No. 7082SMRD
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:
 - September 28, 2017
- Exova OCM Test Witness:
 - 9/28/17 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

ANSI Z359.11-2014 Sections: 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7

- Equipment Calibration Interval
 - 1 year, except weights which are 5 years

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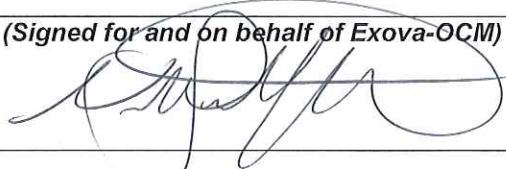
This attestation is issued in accordance with our terms and conditions, a copy of which is available on request.

Exova OCM 3883 East Eagle Drive Anaheim, CA 92807 USA

371456-3 FallTech, PC-1218, 7082SMRD ANSI Z359.11 Witness test

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-1218	9/28/17	7082SMRD	Full Body Harness	4082236 4082237 4082232 4082231 4082228 4082239 4082227 4082243 4082229 4082230 4082235 4082238 4082240 4082223 4082241	Pass

Test Witness Signature: Nolan Schatzle Technician Mechanical Laboratory	(Signed for and on behalf of Exova-OCM) 	
Approval Signature: Victor Mendez Production Manager	(Signed for and on behalf of Exova-OCM) 	

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 Testing Laboratory
Attestation Number: 371456-3
Revision Letter: Original
Page 2 of 2

FallTech Test Report

Test Report No.	PC-1218	Rpt. Date	9/29/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7082SMRD		Part No. Revision	A			
Part Description	Full Body Harness				Date Complete	9/28/2017	
Test Operator(s)	Yesbet Sierra, Jay Sponholz						

Material/Sample Identification

Sample ID	Description
4082236	Full Body Harness
4082237	Full Body Harness
4082232	Full Body Harness
4082231	Full Body Harness
4082228	Full Body Harness
4082239	Full Body Harness
4082227	Full Body Harness
4082243	Full Body Harness
4082229	Full Body Harness
4082230	Full Body Harness
4082235	Full Body Harness
4082238	Full Body Harness
4082240	Full Body Harness
4082223	Full Body Harness
4082241	Full Body Harness


 ACCREDITED
 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 Communiqué dated January 2009).

FallTech Testing Laboratory allows for a +/- 5% tolerance on dynamic and static strength test results.

FallTech Test Report

Test Report No.	PC-1218	Rpt. Date	9/29/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7082SMRD		Part No. Revision	A			
Part Description	Full Body Harness				Date Complete	9/28/2017	
Test Request No.	PC-1218						

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	3645.3 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 a Distance $>$ 1" or 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	3645.4 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 a Distance $>$ 1" or 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	3643.7 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 (Buckle)	Shall Not Tear a Distance $>$ 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass


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FallTech Test Report

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Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification(s)		ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7		
Part No.	7082SMRD		Part No. Revision		A	
Part Description	Full Body Harness					
Test Request No.	PC-1218		Date Complete		9/28/2017	

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.5	Static Strength (Shoulder D-ring)	3600 Lbf \geq 1 Minute	3652.2 Lbf	Pass
	Static Strength (Shoulder 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 $>$ 1" or 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 (Shoulder D-ring)	3600 Lbf \geq 1 Minute	3645.1 Lbf	Pass
	Static Strength (Shoulder 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 $>$ 1" or 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 (Shoulder D-ring)	3600 Lbf \geq 1 Minute	3652.3 Lbf	Pass
	Static Strength (Shoulder 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 $>$ 1" or Adjacent Eyelet	Did Not Tear Through	Pass
	Tearing	Straps Shall Not Show Any Signs of Tearing	Did Not Tear	Pass



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FallTech Test Report

Test Report No.	PC-1218	Rpt. Date	9/29/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7082SMRD		Part No. Revision	A			
Part Description	Full Body Harness				Date Complete	9/28/2017	
Test Request No.	PC-1218						

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5394.9 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°	7.2°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	9.6"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5178.4 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°	1.1°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	12.0"	Pass
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	5310.9 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°	1.8°	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	10.8"	Pass


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FallTech Test Report

Test Report No.	PC-1218	Rpt. Date	9/29/2017	Rpt. Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7082SMRD		Part No. Revision	A			
Part Description	Full Body Harness				Date Complete	9/28/2017	
Test Request No.	PC-1218						

Test Summary (Continued)

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 $\geq 3,600 \text{ Lbf}$	4599.4 Lbf	Pass
	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 ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest $\leq 30^\circ$	3.8°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load $\geq 3,600 \text{ Lbf}$	4009.6 Lbf	Pass
	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 ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest $\leq 30^\circ$	4.9°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load $\geq 3,600 \text{ Lbf}$	4548.8 Lbf	Pass
	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 ≥ 5 Minutes	5 Minutes	Pass
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest $\leq 30^\circ$	1.2°	Pass
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass


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FallTech Test Report

Test Report No.	PC-1218	Rpt. Date	9/29/2017	Rpt. Rev		Rev Date
Report Prepared For	FallTech					
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7			
Part No.	7082SMRD					Part No. Revision
Part Description	Full Body Harness					
Test Request No.	PC-1218	Date Complete		9/28/2017		

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement Load ≤ 120 Lbf	Previously Tested and Passed under PC-0722	Pass

Conclusion

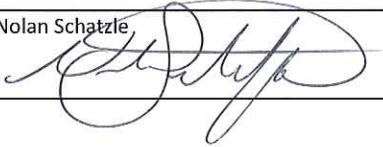
Based upon the samples provided to the Lab:
 FallTech P/N 7082SMRD Rev. A meets the requirements of ANSI Z359.11-2014.

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		Date	9/29/2017
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Witnessed by		Date	10-20-17
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