

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

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-1218

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

2.13.18



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:

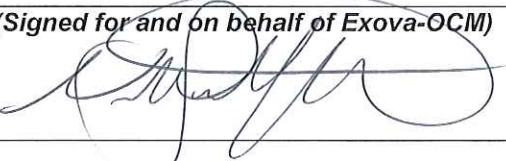


- Date of Testing:
 - September 28, 2017
- Exova OCM Test Witness:
 - 9/28/17 - Nolan Schatzle
- FallTech Test Operators:
 - Yesbet Sierra/Jay Sponholz
- Specification:

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

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 | <i>(Signed for and on behalf of Exova-OCM)</i>   |
| Approval Signature: Victor Mendez Production Manager | <i>(Signed for and on behalf of Exova-OCM)</i>  |

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 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 | | | | | | |
| Test Request No. | PC-1218 | | | 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 |

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 | | | | | | |
| Test Request No. | PC-1218 | | | Date Complete | | 9/28/2017 | |

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 |

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 | | | | | | |
| 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 |

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 | | | | | | |
| 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 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load ≥ 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 ≥ 5 Minutes | 5 Minutes | Pass |
| | Dynamic Performance Dorsal D-ring (Feet First) | Angle at Rest ≤ 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 ≥ 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 ≥ 5 Minutes | 5 Minutes | Pass |
| | Dynamic Performance Dorsal D-ring (Feet First) | Angle at Rest ≤ 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 ≥ 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 ≥ 5 Minutes | 5 Minutes | Pass |
| | Dynamic Performance Dorsal D-ring (Feet First) | Angle at Rest ≤ 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 |

FallTech Test Report

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|---------------------|-------------------|-----------------------|-----------|--|--|-----------|--|
| 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 | | | | | | |
| 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 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact Load $\geq 3,600$ 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 $\geq 3,600$ 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 $\geq 3,600$ 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 |

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 | | | | | | |
| 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 |
| Witnessed by | Nolan Schatzle  | Date | 10-26-17 |

