

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 |



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| 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

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| 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 ≥ 1 Minute | 3655.9 Lbf | Pass |
| | Static Strength (Side D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage ≤ 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 ≥ 1 Minute | 3645.5 Lbf | Pass |
| | Static Strength (Side D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage ≤ 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 ≥ 1 Minute | 3643.9 Lbf | Pass |
| | Static Strength (Side D-ring) | Harness Shall Not Release Test Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage ≤ 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

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| 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 |
| ANSI Z359.11-2014 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load ≥ 3600 Lbf | 4298.6 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" | 7.1" | Pass |
| ANSI Z359.11-2014 4.3.3 | 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 |
| | 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 |



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| 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>Jerry Spahr</i> | Date | 12-31-15 |
| Witnessed by | <i>M. A. James</i> | Date | 1-5-16 |

