

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B0115027

Declaration Date

1.19.15

Tested Item #

7081MFD

ComforTech® 4D Construction Belted FBH

Additional Items Conforming Under this Declaration:

7081SFD

70812XFD

7081XLFD

7081LFD

7081XSFD

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

**ANSI Z359.1-2007 AND ANSI Z359.3-2007**

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-0424

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

1.20.15

## FallTech Test Report

|                     |                 |                    |                                                                                   |               |     |          |           |
|---------------------|-----------------|--------------------|-----------------------------------------------------------------------------------|---------------|-----|----------|-----------|
| Test Report Number  | PC-0424         | Date               | 1/19/2015                                                                         | Rev           | N/A | Rev Date | N/A       |
| Report Prepared For | FallTech        |                    |                                                                                   |               |     |          |           |
| Initiated By        | Dan Redden      | Test Specification | ANSI Z359.1-2007 4.3.3.1, 4.3.3.1a, 4.3.3.2, 4.3.3.2a<br>ANSI Z359.3-2007 4.2.3.2 |               |     |          |           |
| Base Part #         | 7081MFD         | Description        | Full Body Harness                                                                 |               |     |          |           |
| Proposed Part #     | N/A             | Built By Whom      | Production                                                                        |               |     | BOM      | No        |
| Test Request #      | PC-0424         | Date Received      | 11/18/2014                                                                        | Date Complete |     |          | 1/19/2015 |
| Test Operator       | Peter Mahbubani | Test Operator      | Not Applicable                                                                    |               |     |          |           |

## Material/Sample Identification

| Sample ID  | Description       |
|------------|-------------------|
| 1217147081 | Full Body Harness |
| 1157081    | Full Body Harness |
| 2126049    | Full Body Harness |
| 2126044    | Full Body Harness |
| 2126048    | Full Body Harness |
| 2026047    | Full Body Harness |

## Test Summary

| Test Specification           | Test Criteria                    |                                                                       | Test Result               | Pass/Fail |
|------------------------------|----------------------------------|-----------------------------------------------------------------------|---------------------------|-----------|
| ANSI Z359.1-2007<br>4.3.3.1  | Static Strength                  | 5,000 Lbf $\geq$ 1 Minute                                             | 5022.8                    | Pass      |
|                              | Static Strength                  | Harness Shall Not Release Test Torso                                  | Did Not Release           | Pass      |
|                              | Adjuster Slippage                | Slippage < 1"                                                         | .209"                     | Pass      |
|                              | Tear Distance                    | Shall Not Tear a Distance Greater Than to Adjacent Eyelet             | Did not tear through      | Pass      |
| ANSI Z359.1-2007<br>4.3.3.1a | Static Strength                  | 3,600 Lbf $\geq$ 1 Minute                                             | 3647.2                    | Pass      |
|                              | Static Strength                  | Harness Shall Not Release Test Torso                                  | Did Not Release           | Pass      |
|                              | Adjuster Slippage                | Slippage < 1"                                                         | 0.058"                    | Pass      |
|                              | Tear Distance                    | Shall Not Tear a Distance Greater Than to Adjacent Eyelet             | Did not tear through      | Pass      |
| ANSI Z359.1-2007<br>4.3.3.2  | Dynamic Performance (Feet First) | Harness Shall Not Release Test Torso                                  | Did Not Release           | Pass      |
|                              | Dynamic Performance (Feet First) | Remain Suspended for $\geq$ 5 Minutes                                 | 5 Minutes                 | Pass      |
|                              | Load Bearing Element             | No Load Bearing Element Shall Break or Separate from the Body Support | Did Not Break or Separate | Pass      |
|                              | Dynamic Performance              | Angle at Rest $\leq$ 30°                                              | 2.35°                     | Pass      |

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## FallTech Test Report

|                              |                                      |                                                                       |                                                                                   |                      |           |                 |     |
|------------------------------|--------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|-----------|-----------------|-----|
| <b>Test Report Number</b>    | PC-0424                              | <b>Date</b>                                                           | 1/19/2015                                                                         | <b>Rev</b>           | N/A       | <b>Rev Date</b> | N/A |
| <b>Report Prepared For</b>   | FallTech                             |                                                                       |                                                                                   |                      |           |                 |     |
| <b>Initiated By</b>          | Dan Redden                           | <b>Test Specification</b>                                             | ANSI Z359.1-2007 4.3.3.1, 4.3.3.1a, 4.3.3.2, 4.3.3.2a<br>ANSI Z359.3-2007 4.2.3.2 |                      |           |                 |     |
| <b>Base Part #</b>           | 7081MFD                              | <b>Description</b>                                                    | Full Body Harness                                                                 |                      |           |                 |     |
| <b>Proposed Part #</b>       | N/A                                  | <b>Built By Whom</b>                                                  | Production                                                                        | <b>BOM</b>           | No        |                 |     |
| <b>Test Request #</b>        | PC-0424                              | <b>Date Received</b>                                                  | 11/18/2014                                                                        | <b>Date Complete</b> | 1/19/2015 |                 |     |
| ANSI Z359.1-2007<br>4.3.3.2  | Dynamic Performance (Head First)     | Harness Shall Not Release Test Torso                                  | Did Not Release                                                                   |                      | Pass      |                 |     |
|                              | Dynamic Performance (Head First)     | Remain Suspended for $\geq 5$ Minutes                                 | 5 Minutes                                                                         |                      | Pass      |                 |     |
|                              | Load Bearing Element                 | No Load Bearing Element Shall Break or Separate from the Body Support | Did Not Break or Separate                                                         |                      | Pass      |                 |     |
|                              | Dynamic Performance                  | Angle at Rest $\leq 30^\circ$                                         | 0.3°                                                                              |                      | Pass      |                 |     |
| ANSI Z359.1-2007<br>4.3.3.2a | Dynamic Performance (Sternal D-ring) | Harness Shall Not Release Test Torso                                  | Did Not Release                                                                   |                      | Pass      |                 |     |
|                              | Dynamic Performance (Sternal D-ring) | Remain Suspended for $\geq 5$ Minutes                                 | 5 Minutes                                                                         |                      | Pass      |                 |     |
|                              | Load Bearing Element                 | No Load Bearing Element Shall Break or Separate from the Body Support | Did Not Break or Separate                                                         |                      | Pass      |                 |     |
|                              | Dynamic Performance                  | Angle at Rest $\leq 30^\circ$                                         | 28.45°                                                                            |                      | Pass      |                 |     |
| ANSI Z359.3-2007<br>4.2.3.2  | Dynamic Strength (Side D-rings)      | Harness Shall Not Release Test Torso                                  | Did Not Release                                                                   |                      | Pass      |                 |     |
|                              | Dynamic Strength (Side D-rings)      | Remain Suspended for $\geq 1$ Minute                                  | 6 Minutes                                                                         |                      | Pass      |                 |     |

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## FallTech Test Report

|                            |            |                           |                                                                                   |                      |           |                 |     |
|----------------------------|------------|---------------------------|-----------------------------------------------------------------------------------|----------------------|-----------|-----------------|-----|
| <b>Test Report Number</b>  | PC-0424    | <b>Date</b>               | 1/19/2015                                                                         | <b>Rev</b>           | N/A       | <b>Rev Date</b> | N/A |
| <b>Report Prepared For</b> | FallTech   |                           |                                                                                   |                      |           |                 |     |
| <b>Initiated By</b>        | Dan Redden | <b>Test Specification</b> | ANSI Z359.1-2007 4.3.3.1, 4.3.3.1a, 4.3.3.2, 4.3.3.2a<br>ANSI Z359.3-2007 4.2.3.2 |                      |           |                 |     |
| <b>Base Part #</b>         | 7081MFD    | <b>Description</b>        | Full Body Harness                                                                 |                      |           |                 |     |
| <b>Proposed Part #</b>     | N/A        | <b>Built By Whom</b>      | Production                                                                        | <b>BOM</b>           | No        |                 |     |
| <b>Test Request #</b>      | PC-0424    | <b>Date Received</b>      | 11/18/2014                                                                        | <b>Date Complete</b> | 1/19/2015 |                 |     |

### Conclusion

FallTech P/N 7083MFD Full Body Harness meets the requirements of ANSI Z359.1-2007 and ANSI Z359.3-2007.

### Report Signatories and Approval

|                                        |                                                                                   |      |           |
|----------------------------------------|-----------------------------------------------------------------------------------|------|-----------|
| Lab Quality Manager<br>Peter Mahbubani |  | Date | 1/19/2015 |
|----------------------------------------|-----------------------------------------------------------------------------------|------|-----------|

|              |                |      |                |
|--------------|----------------|------|----------------|
| Witnessed by | Not Applicable | Date | Not Applicable |
|--------------|----------------|------|----------------|

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