

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019



Alexander Andrew, Inc. 1306 S. Alameda St Compton, CA 90221 (800) 719-4619

Declaration #

B0818163c

Declaration Date

4/15/2022

Tested Item #

8141FDM

FT-Iron FBH 1D+FD Climbing Non-Belted, Medium, QC  
Legs/QC Chest

### Additional Items Conforming Under this Declaration:

|           |          |          |          |         |          |           |
|-----------|----------|----------|----------|---------|----------|-----------|
| 81412X3X  | 8141BSM  | 8141FD3X | 8141FDXL | 8141SM  | 8141CLXL | 8141DLXL  |
| 8141B2X3X | 8141BXS  | 8141FDL  | 8141FDXS | 8141XS  | 8141DXS  | 8141D2X3X |
| 8141BLXL  | 8141FD2X | 8141FDS  | 8141LXL  | 8141CSM | 8141DSM  |           |

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

ANSI Z359.11-2021

### 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-2327

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

10/6/2022



International Accreditation Service, Inc  
3060 Saturn St, Ste 100  
Brea, CA 92821 +1 562-364-8201

FallTech Lab - TL-594  
ISO/IEC 17025:2017  
Alexander Andrew Inc dba FallTech

## FallTech Test Report

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |
| <b>Test Operator(s)</b>    | Yesbet Sierra / Jay Sponholz                                      |                              |                                               |                 |  |                 |  |

### Material/Sample Identification

| Sample ID | Description                                                       |
|-----------|-------------------------------------------------------------------|
| SST1      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| SST2      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| SST3      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| SSTS1     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| SSTS2     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| SSTS3     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPT1      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPT2      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPT3      | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| HF1       | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| HF2       | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| HF3       | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPTS1     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPTS2     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| DPTS3     | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| I1        | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| I2        | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |
| I3        | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |

### Test Summary

| Test Specification         | Test Criteria                   |                                                   | Test Result          | Pass/Fail |
|----------------------------|---------------------------------|---------------------------------------------------|----------------------|-----------|
| ANSI Z359.11-2021<br>4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf $\geq$ 1 Minute                          | 3640.4 Lbf           | Pass      |
|                            | Static Strength (Dorsal D-ring) | Harness Shall Not Release Test Torso              | Did Not Release      | Pass      |
|                            | Adjuster Slippage               | Slippage $\leq$ 1"                                | 0.20"                | 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

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |

### Test Summary (Continued)

| Test Specification         | Test Criteria                    |                                                   | Test Result          | Pass/Fail |
|----------------------------|----------------------------------|---------------------------------------------------|----------------------|-----------|
| ANSI Z359.11-2021<br>4.3.5 | Static Strength (Dorsal D-ring)  | 3600 Lbf $\geq$ 1 Minute                          | 3655.8 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 (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 Z359.11-2021<br>4.3.5 | Static Strength (Dorsal D-ring)  | 3600 Lbf $\geq$ 1 Minute                          | 3640.9 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 (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 Z359.11-2021<br>4.3.5 | Static Strength (Sternal D-ring) | 3600 Lbf $\geq$ 1 Minute                          | 3643.1 Lbf           | Pass      |
|                            | Static Strength (Sternal 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 Z359.11-2021<br>4.3.5 | Static Strength (Sternal D-ring) | 3600 Lbf $\geq$ 1 Minute                          | 3632.5 Lbf           | Pass      |
|                            | Static Strength (Sternal D-ring) | Harness Shall Not Release Test Torso              | Did Not Release      | Pass      |
|                            | Adjuster Slippage                | Slippage $\leq$ 1"                                | 0.23"                | 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

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |

### Test Summary (Continued)

| Test Specification         | Test Criteria                                  | Test Result                                       | Pass/Fail                                |
|----------------------------|------------------------------------------------|---------------------------------------------------|------------------------------------------|
| ANSI Z359.11-2021<br>4.3.5 | Static Strength (Sternal D-ring)               | 3600 Lbf $\geq$ 1 Minute                          | 3634.0 Lbf<br>Pass                       |
|                            | Static Strength (Sternal D-ring)               | Harness Shall Not Release Test Torso              | Did Not Release<br>Pass                  |
|                            | Adjuster Slippage                              | Slippage $\leq$ 1"                                | 0.30"<br>Pass                            |
|                            | Tear Distance                                  | Shall Not Tear a Distance > 1" or Adjacent Eyelet | Did Not Tear Through<br>Pass             |
|                            | Tearing                                        | Straps Shall Not Show Any Signs of Tearing        | Did Not Tear<br>Pass                     |
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load $\geq$ 3600 Lbf                  | 4760.1 Lbf<br>Pass                       |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Harness Shall Not Release Test Torso              | Did Not Release<br>Pass                  |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Remain Suspended for $\geq$ 5 Minutes             | 5 Minutes<br>Pass                        |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Angle at Rest $\leq$ 30°                          | 2.4°<br>Pass                             |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | At Least One Fall Arrest Indicator Shall Deploy   | Visibly and Permanently Deployed<br>Pass |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Harness Stretch Shall Not Exceed 18"              | 11.5"<br>Pass                            |
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load $\geq$ 3600 Lbf                  | 5018.6 Lbf<br>Pass                       |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Harness Shall Not Release Test Torso              | Did Not Release<br>Pass                  |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Remain Suspended for $\geq$ 5 Minutes             | 5 Minutes<br>Pass                        |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Angle at Rest $\leq$ 30°                          | 4.1°<br>Pass                             |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | At Least One Fall Arrest Indicator Shall Deploy   | Visibly and Permanently Deployed<br>Pass |
|                            | Dynamic Performance Dorsal D-ring (Feet First) | Harness Stretch Shall Not Exceed 18"              | 10.5"<br>Pass                            |

## FallTech Test Report

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |

### Test Summary (Continued)

| Test Specification         | Test Criteria                                     | Test Result                                        | Pass/Fail                           |      |
|----------------------------|---------------------------------------------------|----------------------------------------------------|-------------------------------------|------|
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance<br>Dorsal D-ring (Feet First) | Peak Impact Load<br>≥ 3600 Lbf                     | 5059.2 Lbf                          | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Feet First) | Harness Shall Not Release<br>Test Torso            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Feet First) | Remain Suspended for ≥ 5<br>Minutes                | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Feet First) | Angle at Rest ≤ 30°                                | 5.4°                                | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Feet First) | At Least One Fall Arrest<br>Indicator Shall Deploy | Visibly and Permanently<br>Deployed | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Feet First) | Harness Stretch Shall Not<br>Exceed 18"            | 10.3"                               | Pass |
| ANSI Z359.11-2021<br>4.3.4 | Dynamic Performance<br>Dorsal D-ring (Head First) | Peak Impact ≥ 3,600 Lbf<br>or 72" Free Fall        | 72" Free fall<br>2355.6 Lbf         | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Harness Shall Not Release<br>Test Torso            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Remain Suspended for ≥ 5<br>Minutes                | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Angle at Rest ≤ 30°                                | 7.7°                                | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | At Least One Fall Arrest<br>Indicator Shall Deploy | Visibly and Permanently<br>Deployed | Pass |
| ANSI Z359.11-2021<br>4.3.4 | Dynamic Performance<br>Dorsal D-ring (Head First) | Peak Impact ≥ 3,600 Lbf<br>or 72" Free Fall        | 72" Free fall<br>2183.5 Lbf         | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Harness Shall Not Release<br>Test Torso            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Remain Suspended for ≥ 5<br>Minutes                | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | Angle at Rest ≤ 30°                                | 24.8°                               | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First) | At Least One Fall Arrest<br>Indicator Shall Deploy | Visibly and Permanently<br>Deployed | Pass |

## FallTech Test Report

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |

### Test Summary (Continued)

| Test Specification         | Test Criteria                                      | Test Result                                                                        | Pass/Fail                           |      |
|----------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|------|
| ANSI Z359.11-2021<br>4.3.4 | Dynamic Performance<br>Dorsal D-ring (Head First)  | Peak Impact $\geq$ 3,600 Lbf<br>or 72" Free Fall                                   | 72" Free fall<br>2647.1 Lbf         | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First)  | Harness Shall Not Release<br>Test Torso                                            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First)  | Remain Suspended for $\geq$ 5<br>Minutes                                           | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First)  | Angle at Rest $\leq$ 30°                                                           | 7.3°                                | Pass |
|                            | Dynamic Performance<br>Dorsal D-ring (Head First)  | At Least One Fall Arrest<br>Indicator Shall Deploy                                 | Visibly and Permanently<br>Deployed | Pass |
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance<br>Sternal D-ring (Feet First) | Peak Impact Load<br>$\geq$ 3600 Lbf                                                | 3867.8 Lbf                          | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Shall Not Release<br>Test Torso                                            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Remain Suspended for $\geq$ 5<br>Minutes                                           | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Angle at Rest $\leq$ 50°                                                           | 28.0°                               | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | At Least One Fall Arrest<br>Indicator Shall be Deployed<br>Visibly and Permanently | Visibly and Permanently<br>Deployed | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Stretch Shall Not<br>Exceed 18"                                            | 9.9"                                | Pass |
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance<br>Sternal D-ring (Feet First) | Peak Impact Load<br>$\geq$ 3600 Lbf                                                | 3939.7 Lbf                          | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Shall Not Release<br>Test Torso                                            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Remain Suspended for $\geq$ 5<br>Minutes                                           | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Angle at Rest $\leq$ 50°                                                           | 32.7°                               | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | At Least One Fall Arrest<br>Indicator Shall be Deployed<br>Visibly and Permanently | Visibly and Permanently<br>Deployed | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Stretch Shall Not<br>Exceed 18"                                            | 11.2"                               | Pass |

## FallTech Test Report

|                            |                                                                   |                              |                                               |                 |  |                 |  |
|----------------------------|-------------------------------------------------------------------|------------------------------|-----------------------------------------------|-----------------|--|-----------------|--|
| <b>Test Report No.</b>     | PC-2327                                                           | <b>Rpt. Date</b>             | 8/13/2021                                     | <b>Rpt. Rev</b> |  | <b>Rev Date</b> |  |
| <b>Report Prepared For</b> | FallTech                                                          |                              |                                               |                 |  |                 |  |
| <b>Initiated By</b>        | Dan Redden                                                        | <b>Test Specification(s)</b> | ANSI Z359.11-2021: 4.3.5, 4.3.3, 4.3.4, 4.3.6 |                 |  |                 |  |
| <b>Part No.</b>            | 8141FDM                                                           | <b>Part No. Revision</b>     | A                                             |                 |  |                 |  |
| <b>Part Description</b>    | FT-Iron FBH 1D + FD Climbing Non-belted, Medium, QC Legs/QC Chest |                              |                                               |                 |  |                 |  |
| <b>Test Request No.</b>    | PC-2327                                                           | <b>Date Complete</b>         | 8/13/2021                                     |                 |  |                 |  |


### Test Summary (Continued)

| Test Specification         | Test Criteria                                      | Test Result                                                                        | Pass/Fail                           |      |
|----------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|------|
| ANSI Z359.11-2021<br>4.3.3 | Dynamic Performance<br>Sternal D-ring (Feet First) | Peak Impact Load<br>≥ 3600 Lbf                                                     | 3838.9 Lbf                          | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Shall Not Release<br>Test Torso                                            | Did Not Release                     | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Remain Suspended for ≥ 5<br>Minutes                                                | 5 Minutes                           | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Angle at Rest ≤ 50°                                                                | 29.8°                               | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | At Least One Fall Arrest<br>Indicator Shall be Deployed<br>Visibly and Permanently | Visibly and Permanently<br>Deployed | Pass |
|                            | Dynamic Performance<br>Sternal D-ring (Feet First) | Harness Stretch Shall Not<br>Exceed 18"                                            | 11.3"                               | Pass |
| ANSI Z359.11-2021<br>4.3.6 | Fall Arrest Indicator Test<br>(Dorsal D-ring)      | At Least One Fall Arrest<br>Indicator Shall Deploy                                 | Visibly and Permanently<br>Deployed | Pass |
| ANSI Z359.11-2021<br>4.3.6 | Fall Arrest Indicator Test<br>(Dorsal D-ring)      | At Least One Fall Arrest<br>Indicator Shall Deploy                                 | Visibly and Permanently<br>Deployed | Pass |
| ANSI Z359.11-2021<br>4.3.6 | Fall Arrest Indicator Test<br>(Dorsal D-ring)      | At Least One Fall Arrest<br>Indicator Shall Deploy                                 | Visibly and Permanently<br>Deployed | Pass |

### Conclusion

Based upon the samples provided to the Lab:  
 FallTech P/N 8141FDM Rev. A meets the requirements of ANSI Z359.11-2021

### Report Signatories and Approval

|                     |                                                                                     |      |           |
|---------------------|-------------------------------------------------------------------------------------|------|-----------|
| Lab Quality Manager |  | Date | 8/13/2021 |
| Witnessed by        | Not Required                                                                        | Date | N/A       |