

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 #

B0425186

Declaration Date

4/26/2023

Tested Item #

8127BM

FT-One FBH 3D Construction Belted, Medium, TB
Legs/QC Chest

Additional Items Conforming Under this Declaration:

| | | | | |
|---------|---------|---------|---------|---------|
| 8127BXS | 8127BXL | 8128BXS | 8128BL | 8128B3X |
| 8127BS | 8127B2X | 8128BS | 8128BXL | |
| 8127BL | 8127B3X | 8128BM | 8128B2X | |

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-2822

Authorized Signature

Name

Zachary Winters

Title

Engineering Manager

Date

4/26/2023



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FallTech Lab - TL-594
ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

FallTech Test Report

| | | | | | | | |
|----------------------------|---|------------------------------|---|-----------------|--|-----------------|--|
| Test Report No. | PC-2822 | Rpt. Date | 4/24/2023 | Rpt. Rev | | Rev Date | |
| Report Prepared For | FallTech | | | | | | |
| Initiated By | Zachary Winters | Test Specification(s) | ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6 | | | | |
| Part No. | 8127BM | Part No. Revision | C | | | | |
| Part Description | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest | | | | | | |
| Test Request No. | PC-2822 | Date Complete | 4/24/2023 | | | | |
| Test Operator(s) | Yesbet Sierra / Jay Sponholz | | | | | | |

Material/Sample Identification

| Sample ID | Description |
|-----------|---|
| 6847077 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847092 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847088 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847091 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847090 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847087 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847093 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847084 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847089 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847082 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847080 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847078 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847090 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847087 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |
| 6847091 | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest |

Test Summary

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|----------------------------|---------------------------------|----------------------------|----------------------|------|
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3625.9 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.23" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3640.0 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.13" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Dorsal D-ring) | 3600 Lbf \geq 1 Minute | 3704.8 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.21" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear > 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |

FallTech Test Report

| | | | | | | | |
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| Report Prepared For | FallTech | | | | | | |
| Initiated By | Zachary Winters | Test Specification(s) | | ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6 | | | |
| Part No. | 8127BM | Part No. Revision | | | C | | |
| Part Description | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest | | | | | | |
| Test Request No. | PC-2822 | Date Complete | | | 4/24/2023 | | |

Test Summary Continued

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|----------------------------|--|----------------------------------|----------------------|------|
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3635.8 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear $>$ 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3630.4 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear $>$ 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.5 | Static Strength (Side D-rings) | 3600 Lbf \geq 1 Minute | 3650.1 Lbf | Pass |
| | Hold Test Torso | Shall Not Release Torso | Did Not Release | Pass |
| | Adjuster Slippage | Slippage \leq 1" | 0.0" | Pass |
| | Tear Distance (Buckle) | Shall Not Tear $>$ 1" | Did Not Tear Through | Pass |
| | Tearing (Straps) | Shall Not Show Any Tearing | Did Not Tear | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 4322.3 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 3.7° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 10.4" | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 4306.7 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 3.3° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 10.3" | Pass |
| ANSI Z359.11-2021 4.3.3 | Dynamic Performance Dorsal D-ring (Feet First) | Peak Impact Load \geq 3600 Lbf | 4224.0 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 2.9° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| | Harness Stretch | Shall Not Exceed 18" | 9.8" | Pass |

FallTech Test Report

| | | | | | | | |
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| Part Description | FT-One FBH 3D Construction Belted, Medium, TB Legs / QC Chest | | | | | | |
| Test Request No. | PC-2822 | Date Complete | | | 4/24/2023 | | |

Test Summary Continued

| Test Specification | Test Criteria | Test Result | Pass/Fail | |
|----------------------------|---|--|-------------------------------------|------|
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall | 72" Free fall 3137.9 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 3.5° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall | 72" Free fall 1982.7 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 5.1° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| ANSI Z359.11-2021 4.3.4 | Dynamic Performance Dorsal D-ring (Head First) | Peak Impact \geq 3,600 Lbf or 72" Free Fall | 72" Free fall 2103.8 Lbf | Pass |
| | Fall Arrest | Shall Not Release Torso | Did Not Release | Pass |
| | Post Drop Angle | Angle at Rest \leq 30° | 4.4° | Pass |
| | Impact Indicator | One Indicator Shall Deploy | Permanently Deployed | Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed | Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed | Pass |
| ANSI Z359.11-2021 4.3.6 | Fall Arrest Indicator Test (Doral D-ring) | At Least One Fall Arrest Indicator Shall Deploy | Visibly and Permanently Deployed | Pass |

Conclusion

Based upon the samples provided to the Lab:
 FallTech P/N 8127BM Rev. C meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

| | | | |
|----------------------------|---|-------------|-----------|
| Lab Quality Manager |  | Date | 4/24/2023 |
|----------------------------|---|-------------|-----------|