

# 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 #

DC0911016a

Declaration Date

10/2/2024

Tested Item #

721520LEC

FT-R SRL, Class 2 Leading Edge, 20', Plastic Housing, 420 lb max

Additional Items Conforming Under this Declaration:

721520LECB

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

CSA Z259.2.2-2017

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-3196

Authorized Signature

A handwritten signature in black ink, appearing to read 'Zachary Winters', written over a dashed line.

Name

Zachary Winters

Title

Engineering Manager

Date

10/2/2024



International Accreditation Service, Inc

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FallTech Lab - TL-594

ISO/IEC 17025:2017

Alexander Andrew Inc dba FallTech

## FallTech Test Report

|                     |                                                 |                       |          |                                                      |  |           |  |
|---------------------|-------------------------------------------------|-----------------------|----------|------------------------------------------------------|--|-----------|--|
| Test Report No.     | PC-3196                                         | Rpt. Date             | 8/2/2024 | Rpt. Rev                                             |  | Rev Date  |  |
| Report Prepared For | FallTech                                        |                       |          |                                                      |  |           |  |
| Initiated By        | Zachary Winters                                 | Test Specification(s) |          | CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8 |  |           |  |
| Part No.            | 721520LEC                                       |                       |          | Part No. Revision                                    |  | A         |  |
| Part Description    | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |                       |          |                                                      |  |           |  |
| Test Request No.    | PC-3196                                         |                       |          | Date Complete                                        |  | 7/17/2024 |  |
| Test Operator(s)    | Yesbet Sierra / Jay Sponholz                    |                       |          |                                                      |  |           |  |

### Material/Sample Identification

| Sample ID | Description                                     |
|-----------|-------------------------------------------------|
| FT77164   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77147   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77161   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77127   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77155   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77184   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77142   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77143   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77188   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77135   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |
| FT77109   | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |

### Test Summary

| Test Specification         | Test Criteria                        |                                | Test Result       | Pass/Fail        |
|----------------------------|--------------------------------------|--------------------------------|-------------------|------------------|
| CSA Z259.2.2-2017<br>7.1.2 | Retraction Tension<br>0% Extracted   | 1.0 Lbf - 20 Lbf               | 3.2 lbF           | Pass             |
|                            | Retraction Tension<br>20% Extracted  | 1.0 Lbf - 20 Lbf               | 3.5 lbF           | Pass             |
|                            | Retraction Tension<br>40% Extracted  | 1.0 Lbf - 20 Lbf               | 3.7 lbF           | Pass             |
|                            | Retraction Tension<br>60% Extracted  | 1.0 Lbf - 20 Lbf               | 4.2 lbF           | Pass             |
|                            | Retraction Tension<br>80% Extracted  | 1.0 Lbf - 20 Lbf               | 4.6 lbF           | Pass             |
|                            | Retraction Tension<br>100% Extracted | 1.0 Lbf - 20 Lbf               | 3.6 lbF           | Pass             |
| CSA Z259.2.2-2017<br>7.6.2 | Locking                              | Lock and Hold Load             | Hold for 1 minute | Pass             |
|                            | Max Arrest Force                     | Information only               | 972.7 lbF         | Information only |
|                            | Arrest Distance                      | ≤ 36"                          | 22.3"             | Pass             |
| CSA Z259.2.2-2017<br>7.4.2 | Static Strength                      | ≥ 2990 Lbf<br>for ≥ 60 Seconds | 3018.5 lbF        | Pass             |

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| Report Prepared For | FallTech                                        |                       |          |                                                      |  |           |  |
| Initiated By        | Zachary Winters                                 | Test Specification(s) |          | CSA Z259.2.2-2017: 7.1, 7.2, 7.3, 7.4, 7.6, 7.7, 7.8 |  |           |  |
| Part No.            | 721520LEC                                       |                       |          | Part No. Revision                                    |  | A         |  |
| Part Description    | FT-R SRL, Class 2 Leading Edge, 20', 420 lb max |                       |          |                                                      |  |           |  |
| Test Request No.    | PC-3196                                         |                       |          | Date Complete                                        |  | 7/17/2024 |  |
| Test Operator(s)    | Yesbet Sierra / Jay Sponholz                    |                       |          |                                                      |  |           |  |

### Test Summary Continued

| Test Specification                                        | Test Criteria       |                                    | Test Result     | Pass/Fail        |
|-----------------------------------------------------------|---------------------|------------------------------------|-----------------|------------------|
| CSA Z259.2.2-2017<br>7.2.3.1<br>Ambient                   | Fall Arrest         | Lock and Hold                      | Remained Locked | Pass             |
|                                                           | Max Arrest Force    | $\leq 1800$ Lbf                    | 1113.0 lbF      | Pass             |
|                                                           | Avg Arrest Force    | Information only                   | 765.5 lbF       | Information only |
|                                                           | Arrest Distance     | $\leq 47$ "                        | 26.9"           | Pass             |
|                                                           | Post Fall Operation | Lock and pay line                  | Lock and pay    | Pass             |
|                                                           | Braking Capacity    | Maintain $> 25\%$                  | $> 50\%$        | Pass             |
| CSA Z259.2.2-2017<br>7.2.3.1 / 7.2.3.3<br>Cold            | Fall Arrest         | Lock and Hold                      | Remained Locked | Pass             |
|                                                           | Max Arrest Force    | $\leq 1800$ Lbf                    | 1368.7 lbF      | Pass             |
|                                                           | Avg Arrest Force    | Information only                   | 857.9 lbF       | Information only |
|                                                           | Arrest Distance     | $\leq 47$ "                        | 26.3"           | Pass             |
|                                                           | Post Fall Operation | Lock and pay line                  | Lock and pay    | Pass             |
|                                                           | Braking Capacity    | Maintain $> 25\%$                  | $> 50\%$        | Pass             |
| CSA Z259.2.2-2017<br>7.2.3.1 / 7.2.3.4<br>Hot             | Fall Arrest         | Lock and Hold                      | Remained Locked | Pass             |
|                                                           | Max Arrest Force    | $\leq 1800$ Lbf                    | 1163.5 lbF      | Pass             |
|                                                           | Avg Arrest Force    | Information only                   | 828.5 lbF       | Information only |
|                                                           | Arrest Distance     | $\leq 47$ "                        | 27.1"           | Pass             |
|                                                           | Post Fall Operation | Lock and pay line                  | Lock and pay    | Pass             |
|                                                           | Braking Capacity    | Maintain $> 25\%$                  | $> 50\%$        | Pass             |
| CSA Z259.2.2-2017<br>7.2.3.1 / 7.2.3.5<br>Post Salt Spray | Fall Arrest         | Lock and Hold                      | Remained Locked | Pass             |
|                                                           | Max Arrest Force    | $\leq 1800$ Lbf                    | 1177.1 lbF      | Pass             |
|                                                           | Avg Arrest Force    | Information only                   | 876.0 lbF       | Information only |
|                                                           | Arrest Distance     | $\leq 47$ "                        | 27.9"           | Pass             |
|                                                           | Post Fall Operation | Lock and pay line                  | Lock and pay    | Pass             |
|                                                           | Braking Capacity    | Maintain $> 25\%$                  | $> 50\%$        | Pass             |
| CSA Z259.2.2-2017<br>7.8.3<br>Ambient                     | Fall Arrest         | Test Mass shall not hit the ground | Did not hit     | Pass             |
|                                                           | Max Arrest Force    | $\leq 1800$ Lbf                    | 1213.7 lbF      | Pass             |
|                                                           | Avg Arrest Force    | Information only                   | 874.0 lbF       | Information only |
|                                                           | Arrest Distance     | Information only                   | 70.5"           | Information only |
|                                                           | Performance Factor  | $\geq 1.8$                         | 2.33            | Pass             |
|                                                           | Avg Deploy Force    | $\leq 1349$ Lbf                    | 980.0 Lbf       | Pass             |
|                                                           | Post Fall Creep     | $\leq 4$ "                         | 0.0"            | Pass             |
|                                                           | Post Fall Operation | Lock and pay line                  | Lock and pay    | Pass             |

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| Test Request No.    | PC-3196                                         |                       |          | Date Complete                                        |  | 7/17/2024 |  |
| Test Operator(s)    | Yesbet Sierra / Jay Sponholz                    |                       |          |                                                      |  |           |  |

### Test Summary Continued

| Test Specification                              | Test Criteria       |                                    | Test Result  | Pass/Fail        |
|-------------------------------------------------|---------------------|------------------------------------|--------------|------------------|
| CSA Z259.2.2-2017<br>7.8.3<br>Cold              | Fall Arrest         | Test Mass shall not hit the ground | Did not hit  | Pass             |
|                                                 | Max Arrest Force    | $\leq 1800$ Lbf                    | 1363.8 lbF   | Pass             |
|                                                 | Avg Arrest Force    | Information only                   | 889.8 lbF    | Information only |
|                                                 | Arrest Distance     | Information only                   | 69.7"        | Information only |
|                                                 | Performance Factor  | $\geq 1.8$                         | 2.35         | Pass             |
|                                                 | Avg Deploy Force    | $\leq 1349$ Lbf                    | 986.4 Lbf    | Pass             |
|                                                 | Post Fall Creep     | $\leq 4$ "                         | 0.0"         | Pass             |
|                                                 | Post Fall Operation | Lock and pay line                  | Lock and pay | Pass             |
| CSA Z259.2.2-2017<br>7.8.3<br>Hot               | Fall Arrest         | Test Mass shall not hit the ground | Did not hit  | Pass             |
|                                                 | Max Arrest Force    | $\leq 1800$ Lbf                    | 1242.2 lbF   | Pass             |
|                                                 | Avg Arrest Force    | Information only                   | 868.9 lbF    | Information only |
|                                                 | Arrest Distance     | Information only                   | 70.2"        | Information only |
|                                                 | Performance Factor  | $\geq 1.8$                         | 2.35         | Pass             |
|                                                 | Avg Deploy Force    | $\leq 1349$ Lbf                    | 986.4 Lbf    | Pass             |
|                                                 | Post Fall Creep     | $\leq 4$ "                         | 0.0"         | Pass             |
|                                                 | Post Fall Operation | Lock and pay line                  | Lock and pay | Pass             |
| CSA Z259.2.2-2017<br>7.8.5.3<br>Post Salt Spray | Fall Arrest         | Test Mass shall not hit the ground | Did not hit  | Pass             |
|                                                 | Max Arrest Force    | $\leq 1800$ Lbf                    | 1339.1 lbF   | Pass             |
|                                                 | Avg Arrest Force    | Information only                   | 846.3 lbF    | Information only |
|                                                 | Arrest Distance     | Information only                   | 67.6"        | Information only |
|                                                 | Performance Factor  | $\geq 1.8$                         | 2.39         | Pass             |
|                                                 | Avg Deploy Force    | $\leq 1349$ Lbf                    | 1004.0 Lbf   | Pass             |
|                                                 | Post Fall Creep     | $\leq 4$ "                         | 0.0"         | Pass             |
|                                                 | Post Fall Operation | Lock and pay line                  | Lock and pay | Pass             |

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| Test Request No.    | PC-3196                                         |                       |          | Date Complete                                        |  | 7/17/2024 |  |
| Test Operator(s)    | Yesbet Sierra / Jay Sponholz                    |                       |          |                                                      |  |           |  |

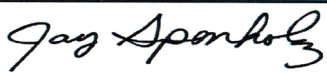
### Test Summary Continued

| Test Specification                                  | Test Criteria       |                                    | Test Result | Pass/Fail        |
|-----------------------------------------------------|---------------------|------------------------------------|-------------|------------------|
| CSA Z259.2.2-2017<br>7.7.3.2<br>Perpendicular Cold  | Fall Arrest         | Test Mass shall not hit the ground | Did not hit | Pass             |
|                                                     | Max Arrest Force    | $\leq 1800$ Lbf                    | 1303.0 lbf  | Pass             |
|                                                     | Avg Arrest Force    | Information only                   | 673.1 lbf   | Information only |
|                                                     | Arrest Distance     | Information only                   | 121.9"      | Information only |
|                                                     | Performance Factor  | $\geq 1.8$                         | 2.10        | Pass             |
|                                                     | Avg Deploy Force    | $\leq 1350$ Lbf                    | 874.1 Lbf   | Pass             |
|                                                     | Post Fall Operation | Lock until released                | Locked      | Pass             |
| CSA Z259.2.2-2017<br>7.7.3.3<br>Lateral Offset Cold | Fall Arrest         | Test Mass shall not hit the ground | Did not hit | Pass             |
|                                                     | Max Arrest Force    | $\leq 1800$ Lbf                    | 1435.6 lbf  | Pass             |
|                                                     | Avg Arrest Force    | Information only                   | 804.3 lbf   | Information only |
|                                                     | Arrest Distance     | Information only                   | 110.3"      | Information only |
|                                                     | Post Fall Operation | Lock until released                | Locked      | Pass             |

### Conclusion

Based upon the samples provided to the Lab:  
FallTech P/N 721520LEC Rev. A meets the requirements of CSA Z259.2.2-2017

### Report Signatories and Approval

|                     |                                                                                                         |      |          |
|---------------------|---------------------------------------------------------------------------------------------------------|------|----------|
| Lab Quality Manager |                      | Date | 8/2/2024 |
| Witnessed by        | Bob Howey (Element)  | Date | 8/2/24   |

**End of Report**