

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B0417121

Declaration Date

4.12.107

Tested Item #

7084M

ComforTech Tower Climber FBH Steel Med

Additional Items Conforming Under this Declaration:

7084S

7084L

7084XL

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

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-1074

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

1.26.18

### FallTech Test Report

<b>Test Report No.</b>	PC-1074	<b>Rpt. Date</b>	4/12/2017	<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 Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074	<b>Date Complete</b>	4/6/2017				
<b>Test Operator(s)</b>	Yesbet Sierra, Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
3781336	Full Body Harness
3781338	Full Body Harness
3776241	Full Body Harness
3776249	Full Body Harness
3728982	Full Body Harness
3776242	Full Body Harness
3728977	Full Body Harness
3728973	Full Body Harness
3728983	Full Body Harness
3728985	Full Body Harness
3728987	Full Body Harness
3728975	Full Body Harness
3781347	Full Body Harness
3781346	Full Body Harness
3781345	Full Body Harness
3781341	Full Body Harness
3728976	Full Body Harness
3781342	Full Body Harness
3781339	Full Body Harness
3781335	Full Body Harness
3781334	Full Body Harness
3781343	Full Body Harness
3781340	Full Body Harness
3781337	Full Body Harness
3781344	Full Body Harness
3728979	Full Body Harness
3728980	Full Body Harness



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074	<b>Date Complete</b>	4/6/2017				

### 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	3630.4 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	3634.3 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	3647.9 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



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074			<b>Date Complete</b>	4/6/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf ≥ 1 Minute	3663.9Lbf	Pass			
	Static Strength (Sternal 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 (Sternal D-ring)	3600 Lbf ≥ 1 Minute	3630.9 Lbf	Pass			
	Static Strength (Sternal 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 (Sternal D-ring)	3600 Lbf ≥ 1 Minute	3638.9 Lbf	Pass			
	Static Strength (Sternal 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			



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<b>Report Prepared For</b>	FallTech						
<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074			<b>Date Complete</b>	4/6/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Hip D-ring)	3600 Lbf ≥ 1 Minute	3653.1 Lbf	Pass			
	Static Strength (Hip 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 (Hip D-ring)	3600 Lbf ≥ 1 Minute	3650.7 Lbf	Pass			
	Static Strength (Hip 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 (Hip D-ring)	3600 Lbf ≥ 1 Minute	3650.1 Lbf	Pass			
	Static Strength (Hip 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			



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074			<b>Date Complete</b>	4/6/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Suspension Seat D-ring)	3600 Lbf ≥ 1 Minute	3638.5 Lbf	Pass			
	Static Strength (Suspension Seat 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 (Suspension Seat D-ring)	3600 Lbf ≥ 1 Minute	3653.7 Lbf	Pass			
	Static Strength (Suspension Seat 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 (Suspension Seat D-ring)	3600 Lbf ≥ 1 Minute	3649.7 Lbf	Pass			
	Static Strength (Suspension Seat 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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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7084M	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1074	Date Complete	4/6/2017				
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4662.6 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°	2.1°	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"	9.6"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4600.3 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°	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"	9.6"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4764.2 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°	1.3°	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"	9.6"	Pass			



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Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification(s)	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Part No.	7084M	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1074	Date Complete	4/6/2017				
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	4300.4 Lbf	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	6.1°	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	4214.8 Lbf	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	6.0°	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	4235.7 Lbf	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	Angle at Rest ≤ 30°	4.6°	Pass			
	Dynamic Performance Dorsal D-ring (Head First)	At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			





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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074			<b>Date Complete</b>	4/6/2017		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3989.0 Lbf	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest $\leq 50^\circ$	29.8°	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	7.2"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3978.6 Lbf	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest $\leq 50^\circ$	28.4°	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	8.4"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3942.1 Lbf	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest $\leq 50^\circ$	18.1°	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Harness Stretch Shall Not Exceed 18"	13.2"	Pass			



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<b>Initiated By</b>	Dan Redden	<b>Test Specification(s)</b>	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
<b>Part No.</b>	7084M	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1074			<b>Date Complete</b>	4/6/2017		
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 4.3.6	Fall Arrest Indicator Test (Sternal 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 (Sternal 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 (Sternal 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	Previously Tested and Passed under PC-0606	Pass			


#### Conclusion

FallTech P/N 7084M Rev. A meets the requirements of ANSI Z359.11-2014.

#### Test Exceptions

\* Harness has been dynamically tested and subjected to forces of 5,000 Lbs. or more. Energy absorbing properties inherent to the harness prevented residual force readings equal to or greater than the 3,600 Lbs. required by the standard.

#### Report Signatories and Approval

Lab Quality Manager		Date	4/12/2017
Witnessed by	Kevin Ton	Date	

