

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B1015045

Declaration Date

10.27.15

Tested Item #

7048M

Journeyman TowerClimber® II FBH

Additional Items Conforming Under this Declaration:

7048S

7048L

7048XL

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

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-0705

Authorized Signature

Name

Dustin Hawkins

Title

VP Business Development

Date

12.18.15

FallTech Test Report							
Test Report Number	PC-0705	Date	10/27/2015	Rev		Rev Date	
Report Prepared For	FallTech						
Initiated By	Dan Redden	Test Specification	ANSI Z359.11-2014 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7				
Base Part #	7048M	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015		
Test Operator	Yesbet Sierra	Test Operator	Oscar Jaramillo				

Material/Sample Identification	
Sample ID	Description
A1	Full Body Harness
A2	Full Body Harness
A3	Full Body Harness
A4	Full Body Harness
A5	Full Body Harness
A6	Full Body Harness
A7	Full Body Harness
A8	Full Body Harness
A9	Full Body Harness
A33	Full Body Harness
A34	Full Body Harness
A35	Full Body Harness
A10	Full Body Harness
A11	Full Body Harness
A12	Full Body Harness
A14	Full Body Harness
A15	Full Body Harness
A39	Full Body Harness
A28	Full Body Harness
A29	Full Body Harness
A31	Full Body Harness
A19	Full Body Harness
A20	Full Body Harness
A21	Full Body Harness
A23	Full Body Harness
A22	Full Body Harness
A37	Full Body Harness
A40	Full Body Harness
A41	Full Body Harness
A42	Full Body Harness

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FallTech Testing Laboratory allows for a +/- 5% tolerance on dynamic performance and static strength test results.

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Base Part #	7048M	Description	Full Body Harness			
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Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015	

Test Summary				
Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring)	3,600 Lbf ≥ 1 Minute	3658.7 Lbf	Pass
	Static Strength (Dorsal 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 (Dorsal D-ring)	3,600 Lbf ≥ 1 Minute	3647.0 Lbf	Pass
	Static Strength (Dorsal 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 (Dorsal D-ring)	3,600 Lbf ≥ 1 Minute	3667.3 Lbf	Pass
	Static Strength (Dorsal 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)	3,600 Lbf ≥ 1 Minute	3648.8 Lbf	Pass
	Static Strength (Sternal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage ≤ 1"	.109"	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)	3,600 Lbf ≥ 1 Minute	3649.5 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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Report Prepared For	FallTech						
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Base Part #	7048M	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015		
ANSI Z359.11-2014 4.3.5	Static Strength (Sternal D-ring)	3,600 Lbf ≥ 1 Minute	3672.2 Lbf	Pass			
	Static Strength (Sternal D-ring)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Adjuster Slippage	Slippage ≤ 1"	.064"	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-rings)	3,600 Lbf ≥ 1 Minute	3656.5 Lbf	Pass			
	Static Strength (Hip D-rings)	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-rings)	3,600 Lbf ≥ 1 Minute	3637.2 Lbf	Pass			
	Static Strength (Hip D-rings)	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-rings)	3,600 Lbf ≥ 1 Minute	3636.0 Lbf	Pass			
	Static Strength (Hip D-rings)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Adjuster Slippage	Slippage ≤ 1"	.031"	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)	3,600 Lbf ≥ 1 Minute	3647.4 Lbf	Pass			
	Static Strength (Suspension Seat)	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)	3,600 Lbf ≥ 1 Minute	3656.4 Lbf	Pass			
	Static Strength (Suspension Seat)	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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Base Part #	7048M	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM No			
Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015		
ANSI Z359.11-2014 4.3.5	Static Strength (Suspension Seat)	3,600 Lbf \geq 1 Minute	3633.3 Lbf	Pass			
	Static Strength (Suspension Seat)	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 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3,600 Lbf	4479.0 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 \geq 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest \leq 30°	7°	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 \leq 18"	9.36"	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $>$ 3,600 Lbf	4170.4 Lbf	Pass			
ANSI Z359.11-2014 4.3.3	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 \geq 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest \leq 30°	7.5°	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 \leq 18"	8.9"	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $>$ 3,600 Lbf	4403.3 Lbf	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Remain Suspended for \geq 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest \leq 30°	7°	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 \leq 18"	10.1"	Pass			

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Base Part #	7048M	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015		
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load > 3,600 Lbf	5602.0 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°	9.4°	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	3592.9 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°	12.2°	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	5642.7 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°	15.4°	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 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load > 3,600 Lbf	3502.5 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 ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Sternal D-ring (Feet First)	Angle at Rest ≤ 50°	27.7°	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"	6.4"	Pass			

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Base Part #	7048M	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load > 3,600 Lbf	3549.9 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°	14.6°		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 \leq 18"	16.0"		Pass		
	ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load > 3,600 Lbf	3478.7 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°	24.5°		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 \leq 18"	11.3"		Pass		
ANSI Z359.11-2014 4.3.6		Fall Arrest Indicator Test Dorsal 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 Dorsal 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 Dorsal 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 \leq 120 Lbf	61.9 Lbf		Pass		
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement load \leq 120 Lbf	46.9 Lbf		Pass		
ANSI Z359.11-2014 4.3.7	Lanyard Parking Attachment Element	Disengagement load \leq 120 Lbf	56.8 Lbf		Pass		


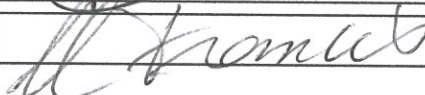
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Base Part #	7048M	Description	Full Body Harness		
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Test Request #	PC-0705	Date Received	7/27/2015	Date Complete	10/13/2015

Conclusion

FallTech P/N 7048M meets the requirements of ANSI Z359.11-2014

Report Signatories and Approval		Date
Lab Quality Manager	 Dan Redden	10/27/2015
Witnessed by		10/29/15



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