

# Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014



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

Declaration #

B0517115

Declaration Date

5.23.17

Tested Item #

8021FNM

Roughneck Derrick FBH No Seat w/ Susp Trauma

Additional Items Conforming Under this Declaration:

8021FNS

8021FNL

8021FNXL

8021FN2X

8021FN3X

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-1073

Authorized Signature

Name

Martin Barila

Title

VP of Operations

Date

1.26.18

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Testing. Advising. Assuring.

May 31, 2017

FallTech Testing Laboratory  
1306 S. Alameda Street  
Compton, CA 90221

Attention: Jay Sponholz  
Quality Manager

Subject: **Attestation of Witnessing Testing**  
**Exova OCM Job # 370708-8**  
**FallTech P.O.: OPEN**  
**Report No.: PC-1073**  
**Base Part No. 8021FNM**  
**Description: Full Body Harness**

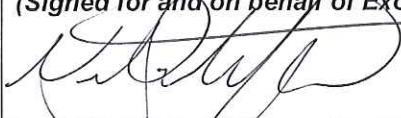

Dear Mr. Sponholz:

The purpose of this attestation is to attest to the fact that a representative of Exova OCM was on site at FallTech's facilities to confirm suitability of the equipment used, calibration status of the equipment and to witness testing performed by FallTech employees. Details of this visit are included below:

- Date of Testing:
  - March 29-30, 2017 and May 17-18, 2017
- Exova OCM Test Witness:
  - Nolan Schatzle
- FallTech Test Operators:
  - Yesbet Sierra and Jay Sponholz
- Specification:
  - ANSI Z359.11-2014; 4.3.5, 4.3.3, 4.3.4, 4.3.6, 4.3.7
- Equipment Calibration Interval
  - 1 year, except weights which are 5 years

Attached to this attestation is the test report generated by FallTech Testing Laboratory. Exova OCM test witness certifies the report accurately presents the testing performed on the samples identified.

Test Report #	Date	Base Part #	Description	Sample ID's	Results
PC-1073	3/29-30/2017 5/17-18/2017	8021FNM	Full Body Harness	3835404 3835408 3835406 3835569 3835401 3835402 3835567 3835563 S3 W1 W2 W3 3785582 3785575 3785576 3785565 3785579 3785555 3785577	Pass

<b>Test Witness Signature:</b> Nolan Schatzle Test Technician Mechanical Laboratory	<i>(Signed for and on behalf of Exova-OCM)</i>  
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<b>Approval Signature:</b> Jim Rutherford Active Quality Manager	<i>(Signed for and on behalf of Exova-OCM)</i>  
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This attestation shall not be reproduced except in full, without the written approval of Exova-OCM. The laboratory has witnessed the testing the material / items supplied by the client as sampled by the client. The testing is not within Exova OCM's L.A.B scope of testing and was not performed at Exova OCM.



### FallTech Test Report

<b>Test Report No.</b>	PC-1073	<b>Rpt. Date</b>	5/23/2017	<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>	8021FNM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1073	<b>Date Complete</b>	5/18/2017				
<b>Test Operator(s)</b>	Yesbet Sierra, Jay Sponholz						

### Material/Sample Identification

Sample ID	Description
3835404	Full Body Harness
3835408	Full Body Harness
3835406	Full Body Harness
3785569	Full Body Harness
3835401	Full Body Harness
3835402	Full Body Harness
3785567	Full Body Harness
3785563	Full Body Harness
S3	Full Body Harness
W1	Full Body Harness
W2	Full Body Harness
W3	Full Body Harness
3785582	Full Body Harness
3785575	Full Body Harness
3785576	Full Body Harness
3785565	Full Body Harness
3785579	Full Body Harness
3785555	Full Body Harness
3785577	Full Body Harness



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<b>Test Report No.</b>	PC-1073	<b>Rpt. Date</b>	5/23/2017	<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>	8021FNM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1073	<b>Date Complete</b>	5/18/2017				
3785580	Full Body Harness						
3785583	Full Body Harness						
3785578	Full Body Harness						
3785574	Full Body Harness						
3785584	Full Body Harness						
3785562	Full Body Harness						
3835405	Full Body Harness						
3835403	Full Body Harness						
3785554	Full Body Harness						
3835409	Full Body Harness						
3835467	Full Body Harness						
3785566	Full Body Harness						
3835400	Full Body Harness						
3785572	Full Body Harness						
3785557	Full Body Harness						
3785560	Full Body Harness						
3785567	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>	8021FNM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1073	<b>Date Complete</b>	5/18/2017				

### 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	3627.4 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	3646.2 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	3631.6 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



## FallTech Test Report

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Dorsal D-ring Extender)	3600 Lbf $\geq$ 1 Minute	3650.3 Lbf	Pass			
	Static Strength (Dorsal D-ring Extender)	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 Extender)	3600 Lbf $\geq$ 1 Minute	3641.6 Lbf	Pass			
	Static Strength (Dorsal D-ring Extender)	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 Extender)	3600 Lbf $\geq$ 1 Minute	3639.4 Lbf	Pass			
	Static Strength (Dorsal D-ring Extender)	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			



## FallTech Test Report

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Sternal D-ring)	3600 Lbf $\geq$ 1 Minute	3653.3 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 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 $\geq$ 1 Minute	3641.1 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 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 $\geq$ 1 Minute	3631.1 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 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

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.5	Static Strength (Waist/Rear D-ring)	3600 Lbf $\geq$ 1 Minute	3645.8 Lbf	Pass			
	Static Strength (Waist/Rear 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 (Waist/Rear D-ring)	3600 Lbf $\geq$ 1 Minute	3648.9 Lbf	Pass			
	Static Strength (Waist/Rear 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 (Waist/Rear D-ring)	3600 Lbf $\geq$ 1 Minute	3678.1 Lbf	Pass			
	Static Strength (Waist/Rear 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			



## 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.	8021FNM			Part No. Revision	A		
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4477.0 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 ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring (Feet First)	Angle at Rest ≤ 30°	7.9°	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"	8.4"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4608.8 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°	6.5°	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 18"	10.8"	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.	8021FNM			Part No. Revision	A		
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load ≥ 3600 Lbf	4517.2 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°	5.7°	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 18"	10.8"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring Extender (Feet First)	Peak Impact Load ≥ 3600 Lbf	3499.9 Lbf	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Remain Suspended for ≥ 5 Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Angle at Rest ≤ 30°	4.7°	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Stretch Shall Not Exceed 18"	10.8"	Pass			



## FallTech Test Report

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring Extender (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3503.4 Lbf	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Angle at Rest $\leq 30^\circ$	5.8°	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Stretch Shall Not Exceed 18"	8.4"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Dorsal D-ring Extender (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3503.1 Lbf	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Angle at Rest $\leq 30^\circ$	5.4°	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			
	Dynamic Performance Dorsal D-ring Extender (Feet First)	Harness Stretch Shall Not Exceed 18"	8.4"	Pass			



## FallTech Test Report

Test Report No.	PC-1073		Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM				Part No. Revision	A		
Part Description	Full Body Harness							
Test Request No.	PC-1073				Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact Load ≥ 3,600 Lbf	2728.8 Lbf		*			
	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°	10.3°		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	2682.9 Lbf		*			
	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°	9.7°		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	2680.9 Lbf		*			
	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°	6.7°		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			



## 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.	8021FNM			Part No. Revision	A		
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring Extender (Head First)	Peak Impact Load $\geq 3,600$ Lbf	3020.2 Lbf	*			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Angle at Rest $\leq 30^\circ$	10.8°	Pass			
	Dynamic Performance Dorsal D-ring Extender (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 Extender (Head First)	Peak Impact Load $\geq 3,600$ Lbf	2259.5 Lbf	*			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Angle at Rest $\leq 30^\circ$	6.5°	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	At Least One Fall Arrest Indicator Shall Be Deployed Visibly and Permanently	Visibly and Permanently Deployed	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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.4	Dynamic Performance Dorsal D-ring Extender (Head First)	Peak Impact Load $\geq 3,600$ Lbf	3500.6 Lbf	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Harness Shall Not Release Test Torso	Did Not Release	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Remain Suspended for $\geq 5$ Minutes	5 Minutes	Pass			
	Dynamic Performance Dorsal D-ring Extender (Head First)	Angle at Rest $\leq 30^\circ$	23.9°	Pass			
	Dynamic Performance Dorsal D-ring Extender (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 $\geq 3600$ Lbf	3442.0 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 $\leq 50^\circ$	28.7°	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"	8.4"	Pass			



## FallTech Test Report

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073			Date Complete	5/18/2017		
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3956.4 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 $\leq 50^\circ$	29.3°	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"	9.6"	Pass			
ANSI Z359.11-2014 4.3.3	Dynamic Performance Sternal D-ring (Feet First)	Peak Impact Load $\geq 3600$ Lbf	3945.1 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 $\leq 50^\circ$	28.9°	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"	12.0"	Pass			





## FallTech Test Report

Test Report No.	PC-1073	Rpt. Date	5/23/2017	Rpt. Rev		Rev Date	
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.	8021FNM	Part No. Revision	A				
Part Description	Full Body Harness						
Test Request No.	PC-1073	Date Complete	5/18/2017				
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 (Dorsal D-ring Extender)	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 Extender)	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 Extender)	At Least One Fall Arrest Indicator Shall be Deployed Visibly and Permanently	Visibly and Permanently Deployed	Pass			



### FallTech Test Report

<b>Test Report No.</b>	PC-1073	<b>Rpt. Date</b>	5/23/2017	<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>	8021FNM	<b>Part No. Revision</b>	A				
<b>Part Description</b>	Full Body Harness						
<b>Test Request No.</b>	PC-1073			<b>Date Complete</b>	5/18/2017		
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-0705	Pass			


#### Conclusion

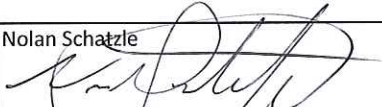
FallTech P/N 8021FNM Rev. A meets the requirements of ANSI Z359.11-2014.

#### 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

<b>Lab Quality Manager</b>		<b>Date</b>	5/23/2017
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<b>Witnessed by</b>		<b>Date</b>	5-31-17
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