

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 # S1219032

Declaration Date 12.23.19

Tested Item # 772060 60' 4-person Temp Rope HLL System w/Energy Absorber

Additional Items Conforming Under this Declaration:

772030 772100

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

OSHA 1926.502

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 DPT-000099

Authorized Signature

Name Mark Sasaki

Title Director of Engineering

Date 1.17.20



International Accreditation Service, Inc
3060 Saturn St, Ste 100
Brea, CA 92821 +1 562-364-8201

FallTech Lab - TL-594
ISO/IEC 17025:2005
Alexander Andrew Inc dba FallTech

FallTech Test Report

Test Report No.	DTP-000099	Rpt. Date	12/23/2019	Rpt. Rev	A	Rev Date	12/23/2019
Report Prepared For	FallTech						
Initiated By	Zack Winters	Test Specification(s)	OSHA 1926.502(d)(8)				
Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			
Test Operator(s)	Mark Sasaki, Adam Shakouj, Rafael Ramirez						

Material/Sample Identification

Sample ID	Description
772030-1	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-2	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-3	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-4	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-5	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-6	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-7	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-8	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-9	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-10	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-11	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-12	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-13	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-14	30' 4-person Temp Rope HLL System w/Energy Absorber
772030-15	30' 4-person Temp Rope HLL System w/Energy Absorber
772060-1	60' 4-person Temp Rope HLL System w/Energy Absorber
772060-2	60' 4-person Temp Rope HLL System w/Energy Absorber
772060-3	60' 4-person Temp Rope HLL System w/Energy Absorber
772060-4	60' 4-person Temp Rope HLL System w/Energy Absorber
772060-5	60' 4-person Temp Rope HLL System w/Energy Absorber
772100-1	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-2	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-3	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-4	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-5	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-6	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-7	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-8	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-9	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-10	100' 4-person Temp Rope HLL System w/Energy Absorber
772100-11	100' 4-person Temp Rope HLL System w/Energy Absorber



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary

Test Specification	Test Criteria		Test Result	Pass/Fail
Full System Dynamic Performance Testing (DPT) with 8256 EAL 1-Person (282 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1391.70 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	21'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	30'-7"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EAL 1-Person (282 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1429.75 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	21'-6"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	30'-8"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EAL 1-Person (282 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1352.64 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	21'-10"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	31'-0"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EALS 2-Person (495 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2346.12 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	19'-7"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	27'-6"	
	Inline EA Deployment	Not Applicable	24.0"	



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
Full System Dynamic Performance Testing (DPT) with 8256 EALs 2-Person (495 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2446.92 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	20'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	27'-1"	
	Inline EA Deployment	Not Applicable	28.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EALs 2-Person (495 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2374.69 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	20'-0"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	28'-11"	
	Inline EA Deployment	Not Applicable	10.25"	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 4-Person (775.5 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2650.34 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	18'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	24'-8"	
	Inline EA Deployment	Not Applicable	54.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EALs 4-Person (775.5 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2783.09 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	17'-10"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	24'-4"	
	Inline EA Deployment	Not Applicable	56.25"	



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 4-Person (775.5 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2671.62 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	18'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	23'-3"	
	Inline EA Deployment	Not Applicable	53.0"	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 4-Person (775.5 lb Test Mass) 30' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2671.62 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	18'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	23'-3"	
	Inline EA Deployment	Not Applicable	53.0"	
Full System SRL Ratcheting Verification Testing with 72706SB1 80 lb Test Mass 30' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	788.88 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass
Full System SRL Ratcheting Verification Testing with 727630 80 lb Test Mass 30' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	705.17 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
Full System Dynamic Performance Testing (DPT) with 8256 EALs 1-Person (282 lb Test Mass) 60' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1837.99 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	18'-10"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	27'-5"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EALs 2-Person (495 lb Test Mass) 60' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2285.65 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	15'-8"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	22'-5"	
	Inline EA Deployment	Not Applicable	36.0"	
Full System Dynamic Performance Testing (DPT) with 8256 EALs 4-Person (775.5 lb Test Mass) 60' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	3369.19 lbf	Pass*
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	12'-11"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	19'-4"	
	Inline EA Deployment	Not Applicable	57.0"	
Full System SRL Ratcheting Verification Testing with 72706SB1 80 lb Test Mass 60' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	623.08 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria		Test Result	Pass/Fail
Full System SRL Ratcheting Verification Testing with 727630 80 lb Test Mass 60' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	645.50 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass
Full System Dynamic Performance Testing (DPT) with 8253 EAL 1-Person (282 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1606.46 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	16'-7"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	22'-5"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8253 EAL 1-Person (282 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1522.86 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	15'-7"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	22'-2"	
	Inline EA Deployment	Not Applicable	0.0"	
Full System Dynamic Performance Testing (DPT) with 8253 EAL 1-Person (282 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	1410.64 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	17'-8"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	22'-10"	
	Inline EA Deployment	Not Applicable	0.0"	



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Part No.	772030, 772060, & 772100			Part No. Revision	A		
Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 2-Person (495 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2166.47 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	12'-0"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	15'-8"	
	Inline EA Deployment	Not Applicable	41.5"	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 2-Person (495 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2078.58 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	12'-0"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	15'-9"	
	Inline EA Deployment	Not Applicable	44.5"	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 2-Person (495 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2124.35 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	12'-9"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	15'-8"	
	Inline EA Deployment	Not Applicable	43.5"	
Full System Dynamic Performance Testing (DPT) with 8253 EALs 4-Person (775.5 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	2893.55 lbf	Pass
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	5'-11"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	8'-9"	
	Inline EA Deployment	Not Applicable	57.0"	



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Test Request No.	DTP-000099			Date Complete			

Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail	
Full System Dynamic Performance Testing (DPT) with 8253 EALS 4-Person (775.5 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	3155.01 lbf	Pass*
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	8'-8"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	12'-2"	
	Inline EA Deployment	Not Applicable	65.5"	
Full System Dynamic Performance Testing (DPT) with 8253 EALS 4-Person (775.5 lb Test Mass) 100' Span 7' Freefall	Max Arrest Force	≤ 3,000 lbf	3150.73 lbf	Pass*
	Dynamic Performance	Test Mass shall not strike ground	Did not strike ground	Pass
	Weight-to-Ground Distance	Not Applicable	5'-3"	For Fall Clearance Guidelines
	Line-to-Ground Distance	Not Applicable	8'-7"	
	Inline EA Deployment	Not Applicable	41.5"	
Full System SRL Ratcheting Verification Testing with 72706SB1 80 lb Test Mass 100' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	537.51 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass
Full System SRL Ratcheting Verification Testing with 727630 80 lb Test Mass 100' Span 1' Below D-Ring	Max Arrest Force	≤ 3,000 lbf	583.78 lbf	Pass
	Verification of SRL Proper Lockup & Deceleration	SRL shall not ratchet	Did not ratchet	Pass



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Part Description	30'/60'/100' 4-person Temp Rope HLL System w/Energy Absorber						
Test Request No.	DTP-000099			Date Complete			


Test Summary (Continued)

Test Specification	Test Criteria	Test Result	Pass/Fail
OSHA 1926.502 2:1 Safety Factor Static Strength Testing	Static Strength	≥ 6,000 lbf for ≥60 seconds 5860.60 lbf	Pass*
OSHA 1926.502 2:1 Safety Factor Static Strength Testing	Static Strength	≥ 6,000 lbf for ≥60 seconds 7529.70 lbf	Pass
OSHA 1926.502 2:1 Safety Factor Static Strength Testing	Static Strength	≥ 6,000 lbf for ≥60 seconds 5919.60 lbf	Pass*

Conclusion

Based upon the samples tested in this protocol, FallTech P/Ns 772030, 776030, and 772100 meet the requirements of OSHA 1926.502 for horizontal lifelines. Test results noted with a "Pass*" are within acceptable uncertainty intervals based on test equipment, setup, and data filtering.

Report Signatories and Approval

Director of Engineering		Date	1/16/2020
Witnessed by	N/A	Date	N/A

