



+1 (817) 668-0628
info@aeroblazelab.com
www.aeroblazelab.com

Aeroblaze Laboratory Inc.
12819 Harmon Rd. Bldg 575
Fort Worth, TX 76177 USA

Report # 2714.1

Horizontal Flammability Test Results

Regulation:	14 CFR 23.853(a)	Criteria:	AC 23-2A, Section 8(b)	Procedure:	AC 23-2A, Section 8(b)
--------------------	------------------	------------------	------------------------	-------------------	------------------------

Customer Information
ARC 11009 159th Ave NE Granite Falls, WA 98252

Sample Information
100% Nylon 550 Paracord

Conditioning: 24 hours minimum at 70 ± 5 °F and 50 ± 5 %RH.	Flame Temp: 1,550 °F minimum
---	------------------------------

Sample	Burn Distance (inch)	Total Time (sec)	Burn Rate (inch/min)
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
Average:			0.0

Acceptance Criteria (Flash-Resistant Materials):
1) Does not support combustion after 15 seconds; or 2) Average burn rate does not exceed 4 inch/min; or 3) Flame self-extinguishes & subsequent burning does not extend into undamaged areas.

Result
<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL

Notes:
Flame self-extinguished before crossing the 1.5-inch mark. Burn rate recorded as zero.

The results of this test report have been obtained in compliance with the listed requirements and/or specifications. Amendment levels are that of the current amendments on the date testing was performed, unless otherwise specified. Aeroblaze applies a pass/fail criterion based on the outcome of the test regardless of the measurement uncertainty, except in cases where the customer specifically requests that measurement uncertainty be applied. This test report shall not be reproduced, except in full, without written approval from Aeroblaze Laboratory Inc. The test results relate only to the items tested.

Tested by: Gregory Thomas 27-Jan-21
Lab Technician

Approval: *Andrew Feghali* 27-Jan-21
Andrew Feghali, Lab Manager, FAA DER