



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

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

Report # 2457.1

Vertical Flammability Test Results (60-s)

Regulation:	14 CFR 25.853(a)	Criteria:	14 CFR 25, Appendix F, Part I(a)(1)(i)	Procedure:	14 CFR 25, Appendix F, Part I(b)(4)
--------------------	------------------	------------------	--	-------------------	-------------------------------------

Customer Information
TWN Industries 25490 SW 141 Ave Princeton, Florida 33032

Sample Information
Substrate: Aluminum, PPS Aero Primer 1K (1mil) PPS Aero Base Coat (Aviation Gray) (1mil) PPS Aero Clear Coat /Finish (1mil) Film Inks -WTP 279 (Wood Pattern)

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

Sample	Ignition Time (sec)	Flame Time (sec)	Drip Flame Time (sec)	Burn Length (inch)
1	60.0	0.0	0.0 No Drips	0.0
2	60.0	0.0	0.0 No Drips	0.0
3	60.0	0.0	0.0 No Drips	0.0
Average:		0.0	0.0	0.0
Result:		PASS	PASS	PASS

Acceptance Criteria:
Flame Time Average: 15.0 seconds maximum Drip Flame Time Average: 3.0 seconds maximum Burn Length Average: 6.0 inches maximum

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

Notes:
No damage due to combustion. Burn length 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 31-Jul-20
 Lab Technician

Approval: *Andrew Feghali* 31-Jul-20
 Andrew Feghali, Lab Manager, FAA DER