

FLAMMABILITY MATERIAL TEST CERTIFICATE

Bunsen Burner Test Data Sheet			Test Lab: FLAME-TEK			Authorization: N/A			
PART NUMBER: GF424A-CAT5E		Lot Code/ Batch#: 124995/44027		Aircraft Model: N/A		PO#: 4766.1		Test Specimen # 08	
MANUFACTURER: Gigaflight				THICKNESS: .25 "		Material: Cable		DIRECTION: N/A	
MATERIAL DESCRIPTION: Testing of Cable								Conditioning Hrs. 24	
TEST METHOD FAR 25.853					Pass/Fail Criteria (Max Average)				
Appendix F	IGNITION TIME - MATERIAL TEST POSITION	FEDERAL AVIATION REGULATION		EXTINGUISH TIME	BURN LENGTH	DRIP EXTINGUISH	BURN RATE AVG.	FLAME PENETRATION	AFTER GLOW
Part 1 (a)(1)(i)	1. 60 SECOND IGNITION - VERTICAL	FAR 25.853(a)		15 SEC (AVG)	6 IN. (AVG)	3 SEC (AVG)			
Part 1 (a)(1)(ii)	2. 12 SECOND IGNITION - VERTICAL	FAR 25.853(a)		15 SEC (AVG)	8 IN. (AVG)	5 SEC (AVG)			
Part 1 (a)(1)(iv)	3. 15 SECOND IGNITION - HORIZONTAL	FAR 25.853(a)					2.5 IN. MIN		
Part 1 (a)(1)(v)	4. 15 SECOND IGNITION - HORIZONTAL	FAR 25.853(a)					4 IN. MIN		
Part 1 (a)(2)(ii)	5. 30 SECOND IGNITION - 45 DEGREE	FAR 25.853(a)		15 SEC (AVG)				NONE	10 SEC (AVG)
Part 1 (a)(3)	6. 30 SECOND IGNITION - 60 DEGREE	FAR 25.853(a)		30 SEC (AVG)	3 IN. (AVG)	3 SEC (AVG)			
TEST RESULTS									
SAMPLE NO.	TEST METHOD	EXTINGUISH TIME (SECS)	BURN LENGTH (INCHES)	DRIP EXTINGUISH TIME (SEC)	BURN TIME (SEC)	BURN RATE (IN/MIN)	AFTER GLOW (SECS)	Comment:	
1	Part 1 (a)(3)	0	1.4	0	30				
2	Part 1 (a)(3)	2.3	1.3	0	30				
3	Part 1 (a)(3)	0	1.4	0	30				
Average		0.77	1.37	0					
Test Date: 07-06-26				Witnessed by: Brad Shelton FAA DER 				Flame Temp: 1750 °F	
Test Time: 9:35 A.M.				PASS ☒ FAIL ☐					

Document	REV	DATE
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