

FLAMMABILITY MATERIAL TEST CERTIFICATE

Bunsen Burner Test Data Sheet		Test Lab: FLAME-TEK		Authorization: N/A	
PART NUMBER: GF7-290D		Lot Code/ Batch#: 125190/ 43960	Aircraft Model: N/A	PO#: 4766.1	Test Specimen # 06
MANUFACTURER: Gigaflight		THICKNESS: .211"	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								Comment:
SAMPLE NO.	TEST METHOD	EXTINGUISH TIME (SECS)	BURN LENGTH (INCHES)	DRIP EXTINGUISH TIME (SEC)	BURN TIME (SEC)	BURN RATE (IN/MIN)	AFTER GLOW (SECS)	
1	Part 1 (a)(3)	0	1.1	0	30			
2	Part 1 (a)(3)	0	1.3	0	30			
3	Part 1 (a)(3)	0	1.3	0	30			
Average		0	1.23	0				
Test Date: 07-06-26				Witnessed by: Brad Shelton FAA DER				Flame Temp: 1750 °F
Test Time: 9:25 A.M.				PASS ☒ FAIL ☐				

Document	REV	DATE
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