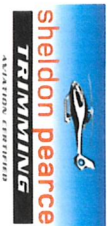




11.8. Material Flammability Test Certificate (Form SP 10B) Form SP 10B Rev: Initial Date: 12 June 2011

BUNSEN BURNER TEST DATA SHEET		SHELDON PEARCE TRIMMING PTY. LTD.		FORM SP10B		APPROVAL NUMBER 1-QTQ80									
Manufacturer/Supplier		Five Rings Aerospace Pty Ltd		Test Tracking Number		6547		Batch Number							
Material Description		Heskin H2418/2024-T3 Coupons		Mfr Code/Part No.		H3418		Article Number							
Composition		Aviation		Weight		Customer		Five Rings Aerospace Pty Ltd							
Application (if applicable)		Aviation		Customer		Customer		Five Rings Aerospace Pty Ltd							
Test Criteria: FAR-23-853 FAR 25.853(a) FAR-29-853 (Cross out not applicable)		FAR-29-853 (Cross out not applicable)		Flame Extinguishing Time		Test Requirement - Max. Average		Conditioning Period - 24 Hr.							
Ignition Time – Material Definitions For full details, see applicable section of Appendix F to FAR 23 or FAR 25															
FAR 25 App. F (a) 1 (i)	60 Sec Ignition Vertical Test	Interior panels, partitions, galley structure, large cabinet walls, structural flooring....	15 sec	6 in (152mm)	3 sec	2.5 in/min (63mm/min)									
FAR 25 App. F (a) 1 (ii) Test	12 Sec Ignition Vertical Test	Floor covering, textiles, seat cushions, padding, fabrics, leather, galley furnishings....	15 sec	8 in (203mm)	5 sec	4 in/min (102mm/min)									
FAR 25 App. F (a) 1 (iv)	15 Sec Horizontal Test	Clear plastic windows, parts constructed of elastomeric materials, seat belts, shoulder harnesses....				4 in/min (102mm/min)									
FAR 25 App. F (a) 1 (v)	15 Sec Horizontal Test	Materials in items not specified above (except for small parts that would not contribute significantly to the propagation of a fire).....				4 in/min (102mm/min)									
FAR 23	15 Sec Horizontal Test	Aircraft interior materials for normal category aircraft....				4 in/min (102mm/min)									
TEST RESULTS															
Warp Sample	Flame Extinguishing Time	Burn Length	Drip Extinguishing Time	Flame Extinguishing Time	Burn Length	Drip Extinguishing Time	Burn Rate	Tested By	Test Date						
										1. 2 Seconds	22 mm	0 Seconds			21/01/2019
										2. 2 Seconds	21 mm	0 Seconds			
										3. 0 Seconds	26 mm	0 Seconds			
Average	1.3 Seconds	23 mm	0 Seconds	Pass	Fail										
Comments: No damage to substrate (0.020" 2024-T3), only damage was to the Heskin H3418															
Form SP 10B Rev: 1 Date: 28 Dec 2013															