11.8. Material Flammability Test Certificate (Form SP 10B)

MATERIAL FLAMMABILITY TEST CERTIFICATE

BUNSEN BURNER TEST DATA SHEET — **SHELDON PEARCE TRIMMING PTY. LTD.** — **FORM SP10B**

APPROVAL NUMBER 1-QTQ80

Manufacturer/Supplier	Lifesaving System Corp	Test Tracking Number	6403		
Material Description	210 Denier Nylon	**Mfr Code/Part No.**	M013	**Batch Number**	
Composition		**Weight**		**Article Number**	David Betts
Application (If applicable)	**Aviation**	Customer	Lifesaving System Corp		

Test Criteria: ~~FAR 23.853~~ FAR 25.853(a) ~~FAR 29.853~~ (Cross out not applicable)

Ignition Time – Material Definitions For full details, see applicable section of Appendix F to FAR 23 or FAR 25			Test Requirement - Max. Average Flame Extinguishing Time	Burn Length	Drip Extinguish Time	Burn Rate
FAR 25 (i)	60 Sec Ignition Vertical Test	Interior panels, partitions, galley structure, large cabinet walls, structural flooring….	15 sec	6 in (152mm)	3 sec	
Far 25 (ii)	12 Sec Ignition Vertical Test	Floor covering, textiles, seat cushions, padding, fabrics, leather, galley furnishings…	15 sec	8 in (203mm)	5 sec	
FAR 25 (iv)	15 Sec Horizontal Test 2.5in/min (63mm/min)	Clear plastic windows, parts constructed of elastomeric materials, seat belts, shoulder harnesses….				2.5 in/min (63mm/min)
FAR 25 (v)	15 Sec Horizontal Test 4in/min (102mm/min)	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 4in/min (102mm/min)	Aircraft interior materials for normal category aircraft…				4 in/min (102mm/min)

TEST RESULTS

Warp Sample	Flame Front Crosses 38mm Gauge Line	Burn Length	Elapsed Time Before Self Extinguishing	Burn Rate
1.	N/A	N/A	0 Seconds	0 IN/MIN
2.	N/A	N/A	0 Seconds	0 IN/MIN
3.	N/A	N/A	10 Seconds	0 IN/MIN
Average	N/A	N/A	3.3 Seconds	0 IN/MIN

Weft Sample				
1.				
2.				
3.				
Average				

Pass		Fail	
Pass		Fail	

Tested By — **Test Date** 18/07/2018

Comments

Tracking Number 6403