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

MATERIAL FLAMMABILITY TEST CERTIFICATE

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

Manufacturer/Supplier		Test Tracking Number	6387	APPROVAL NUMBER 1-QTQ80	sheldon pearce TRIMMING AVIATION CERTIFIED
Material Description	Retro Material	**Mfr Code/Part No.**	273M	**Batch Number**	
Composition		**Weight**		**Article Number**	
Application (If applicable)	**Aviation**	Customer	Lifesaving Systems 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 Extinguishing Time	Burn Length	Drip Extinguishing Time
1.			
2.			
3.			
Average			

Pass ☐ Fail ☐

Weft Sample			
1.			
2.			
3.			
Average			

Pass ☐ Fail ☐

Tested By [signature] **Test Date** 18/07/2018

Comments

All samples burnt to destruction

Tracking Number 6387