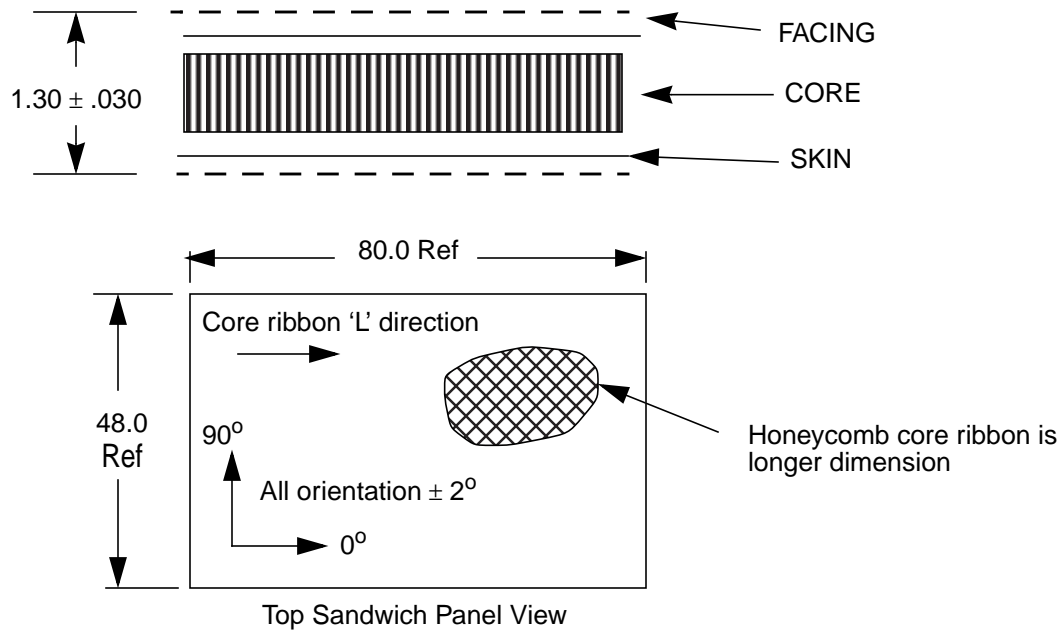


de HAVILLAND

CAGE CODE 71867

DSC STANDARD



- FACING:** SURFACE SCRIM 108 OR COMMERCIAL EQUIVALENT GLASS PLY PER CDM010-02.
- SKIN:** 3 PLIES GRAPHITE FIBER HIGH MODULUS 250⁰ F CURE EPOXY RESIN IMPREGNATED FABRIC, 0⁰ ORIENTATION, NO SPLICES, PER DHMS P1.35, CLASS 2 TYPE II, STYLE 3K-70-PW
- CORE:** NOMEX HONEYCOMB 5.0 PCF. 1/8" CELL PER DHMS P1.26, REGULAR, UP TO 2 CORE SPLICES PERMITTED. THE CORE SPLICE MATERIAL MUST BE AS STRONG AS THE CORE MATERIAL ITSELF AND MUST HAVE A NEGLIGIBLE EFFECT ON SANDWICH PANEL PERFORMANCE
- SUPPLIER:** C&D ZODIAC, INC-MARYSVILLE, WA, USA-28271 CAGE CODE 56135
- SIZE:** 48" X 80" (TOLERANCE ± .50")
- NOTES:**
1. PROCESS CONTROL DOCUMENT, CDP500-00 REVISION "J"
 2. FLAMMABILITY REQUIREMENTS:
FAR 25.853 Appendix F, Part I, (a) 1(i) - (60 sec. vertical) - (first article only)
FAR 25.853 Appendix F, Part I,(a) 2 (ii)(iii) - (45⁰ burn) - (first article only)
 3. Values per table below must be demonstrated on a lot (batch) basis. Test one panel per lot made. Test panels must be made from the same lot (batch) or core, prepreg, (if applicable), adhesives, etc. Any change in the lot (batch) will constitute a new panel lot, and will require a new test panel.
 4. Quantity of 3 coupons in the ribbon direction for each test

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. MacCOLL	PANEL BAGGAGE BULKHEAD	DSC 574
CHECKED	B. EDWARDS		
STRESSED	F. LAU		SHEET: 1 of 2
APPROVED	B. EDWARDS		

REV:

REV:

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REV:

APPROVED: 07 AUG 06

de HAVILLAND

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DSC STANDARD

5. Supplier shall issue a Certificate of Compliance with each shipment.

PROPERTY		-1	
Thickness (inch)	5 coupons	1.300 ± .030	
Warpage (48" W x 96" L x 1.30" thick) (inch)	W direction	.037 max	
	L direction	.148 max	
	Diagonal	.185 max	
Long Beam Bending Test per ASTM C393 min individual (in-lb/in)	L direction (see Note 3)	650 @ 20" support span, mid-point load	
Short Beam Shear Test per ASTM C393 min individual (psi)	L direction (see Note 3)	195 @ 4" support span, mid-point load	

NOTE:

THE SUPPLIER SHALL WORK TO THE REVISION LEVEL OF THE REFERENCED DOCUMENTATION ONLY.

THE SUPPLIER SHALL ADVISE BOMBARDIER AEROSPACE - de HAVILLAND IN ADVANCE OF ANY CHANGE OR REVISION TO REFERENCED DOCUMENTS CONTAINED IN THIS DSC THAT WOULD RESULT IN REQUALIFICATION/ RECERTIFICATION.

QUALIFICATION TEST

INSERT TENSION, INSERT SHEAR AS DEFINED BY BOMBARDIER ENGINEERING

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. MacCOLL	PANEL BAGGAGE BULKHEAD	DSC 574
CHECKED	B. EDWARDS		
STRESSED	F. LAU		SHEET: 2 of 2
APPROVED	B. EDWARDS		

REV:

REV:

REV:

REV:

REV:

REV:

APPROVED: 07 AUG 06