

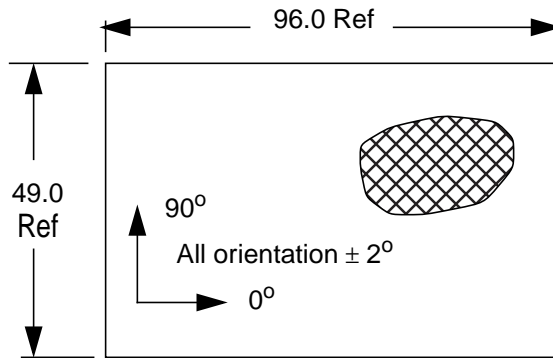
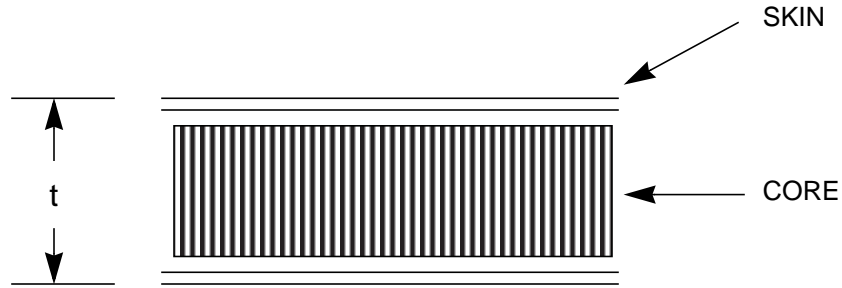
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de HAVILLAND

**CAGE CODE 71867
DSC STANDARD**

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED FOR USE IN DE HAVILLAND AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND ENGINEERING STANDARDS



Top Sandwich Panel View

SKIN: 2 PLYS OF .008" - .010" THICK FIBERGLASS (CDM010-02 TYPE I, GRADE B), WARP 90°

ADHESIVE: NIL (SELF ADHESIVE SKIN)

CORE: NOMEX HONEYCOMB, 1/8" CELL, 3.0 LB/CU FT (CDM020-01 TYPE 3, GRADE A), RIBBON 90°

| DASH NO. | t THICKNESS (inch) ± .010 | VENDOR PART NO. | LONG BEAM BENDING L-DIRECTION (RIBBON) ASTM C393, MIN. VALUE (in-lb/in) | PEEL STRENGTH W-DIRECTION (TRANSVERSE RIBBON) ASTM D1781, MIN. VALUE (in-lb/3in width) | WEIGHT MAX. (lb/sq ft) |
|----------|------------------------------------|--------------------|---|--|------------------------------|
| -1 | .250 | CDM200-92-4-4 | 146 @ 10" support span mid-point load | 20 | .48 |
| -2 | .500 | CDM200-92-4-5 | 279 @ 20" support span mid-point load | 20 | .53 |
| -3 | .750 | CDM200-92-4-6 | 366 @ 20" support span mid-point load | 20 | .59 |

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

| | | | |
|----------|------------|--|----------------|
| DRAWN | J. MacCOLL | PANEL, NORTHWEST COMPOSITES | DSC 571 |
| CHECKED | B. EDWARDS | | |
| STRESSED | F. LAU | | SHEET: 1 of 2 |
| APPROVED | D. PECILE | | |

A ADDED NOTE 5 TO SHEET 2.

REV:

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APPROVED: 11 JUN 2004 [REV: A - 15 JAN 2007] REV:

SUPPLIER: JD LINCOLN INC., COSTA MESA, CA, USA 92627

SIZE: 48" X 96" (TOLERANCE $\pm .50"$)

- NOTES:**
1. FLAMMABILITY REQUIREMENT:
FAR 25.853 Appendix F, Part I(a)1(i) - (60 sec.vertical)
 2. PROCESS CONTROL DOCUMENT:
CDP500-00 REV 'H'
 3. Values per table above and flammability adherence must be demonstrated on a lot (batch) basis. Test one panel per lot made. Test panel must be made from the same lot (batch) of core, prepreg (if applicable), adhesive etc. Any changes in the above lot (batch) will constitute a new panel lot, and will require a new test panel.
 4. Vendor shall issue a Certificate of Compliance along with a Test Report for each shipset.
 5. Panel warpage shall be less than 0.025" per 4ft length and light pressure of no more than 3 lbs at 12" intervals along the edge may be applied.

(A)

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.

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

| | |
|----------|------------|
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**PANEL, NORTHWEST
COMPOSITES**

DSC 571

SHEET: 2 of 2

(A) ADDED NOTE 5.

APPROVED: 11 JUN 2004 REV: A - 15 JAN 2007