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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

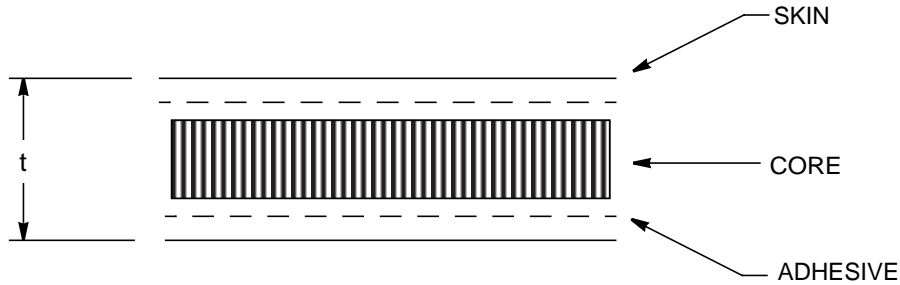


TABLE 1: DSC572 - MATERIAL REQUIREMENTS

MATERIAL	J.D. LINCOLN INC.	TEKLAM CORP.
SKIN: 2024-T3 Clad Sheet, .020" THK	PAA, BR127 primed per ASTM D3933	Anodized TPS 22-1
ADHESIVE	L-314 per CDM215-00 Type 1, Grade C, Class S, Form E	Epoxy Film Adhesive AX-2114-N040 ©
CORE	5052 Aluminum Honeycomb core, 1/8" cell, 8.1 LB/CU.FT, per AMS 4348	
PROCESS CONTROL DOCUMENT	CDP500-01 Rev. "H"	TPCD-AA203-33-250 TPCD-AA203-33-500
SIZE	48" x 96" (TOLERANCE $\pm .50$ ") , RIBBON IS ON 48" DIRECTION	

TABLE 2: DSC 572 - PANEL, COMPOSITE, 8.1 LB/CU.FT

PART NO.	t THICKNESS (inch) .010	VENDOR PART NO.		LONG BEAM FLEXURE (B VALUE) (RIBBON) L-DIRECTION (lbs) per ASTM C393 4 point bend 1/4" load	PEEL © STRENGTH W-DIRECTION (in-lb/3 in width) per ASTM D1781 climbing drum	WEIGHT (lb/sq ft) max
		J.D. LINCOLN	TEKLAM			
DSC572-1	0.250	CDM200-92-4-2	AA203-33-250	670 @ 10 inch support span	20	0.92
DSC572-2	0.500	CDM200-92-4-3	AA203-33-500	710 @ 20 inch support span	20	1.10

LIST OF CURRENT SHEETS

SHEET	1	2
REVISION	C	A

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	J. MACCOLL	PANEL, COMPOSITE 8.1 LB/CU.FT	DSC 572
CHECKED	B. EDWARDS		
STRESSED	F. LAU		SHEET: 1 of 2
APPROVED	D. PECILE		

REVISION TABLE UPDATED, SHEETS "1" & "2" HAVE BEEN RAISED AT ISSUES "C" & "A" RESPECTIVELY.
TABLE 1 UPDATED, TEKLAM ADHESIVE SPECIFICATION REVISED, "Epoxy film adhesive AX-2114-N040" WAS "Modified Epoxy adhesive NB101 per TMS-ADH-6000"
TABLE 2 UPDATED, PEEL STRENGTH UNIT REVISED, "in-lb/3 in width" WAS "in-lb/in width"

APPROVED: 11 JUN 2004 REV: A - 22 FEB 2005 REV: B - 19 AUG 2010 REV: C - 01 APR 2013 REV: REV:

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NOTES:

1. **FLAMMABILITY REQUIREMENTS:**
FAR 25.853 appendix F, part I(a)1(i) & (a)2(ii)(iii) - (60 sec. vertical and 30 sec. 45°)
2. **VALUES PER TABLE 2 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.**
3. **VENDORS SHALL ISSUE A CERTIFICATE OF COMPLIANCE ALONG WITH A TEST REPORT FOR EACH SHIPSET.**

PROCUREMENT INFORMATION:

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURERS PART NUMBER ON THE PURCHASE ORDER.

APPROVED VENDORS ADDRESSES AND CAGE CODES:

J.D. LINCOLN INC.

851 WEST 18TH STREET
COSTA MESA, CA 92627-4410
USA
CAGE CODE: 0K9V8

(A) TEKLAM CORPORATION

350 W RINCON ST..
CORONA, CA 92880
USA
CAGE CODE: 0M5M7

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	E. DANESH	PANEL, COMPOSITE 8.1 LB/CU.FT	DSC 572
CHECKED	B. EDWARDS		
STRESSED	N/A		SHEET: 2 of 2
APPROVED	B. EDWARDS		

(A) TEKLAM CORPORATION ADDRESS UPDATED

REV:

REV:

REV:

REV:

REV:

REV: A - 01 APR 2013

APPROVED: 19 AUG 2010