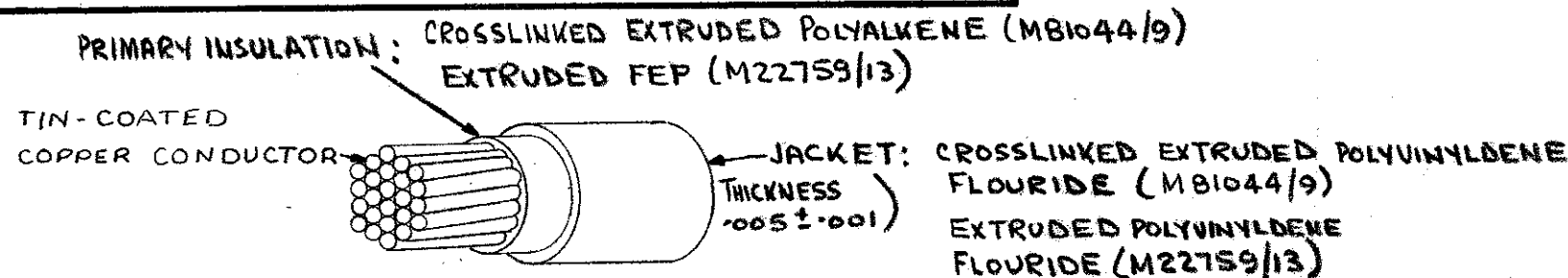


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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
A		NOTE DELETED	29/1/76	DL	DL		
B		NOTE ADDED RE DSC174 WIRE SUPERSEDED BY M81044/20	18/6/76			W.G.	



CONSTRUCTION DETAILS

PART NO.	WIRE SIZE	CONDUCTOR STRANDING (No. X AWG.)	DIAMETER OF STRANDED CONDUCTOR (IN.)		RESISTANCE at 20°C (68°F) (ohms/1000ft) MAX	DIAMETER (INCHES)		NOMINAL WEIGHT (LBS./1000ft.)	MAX WEIGHT (LBS./1000ft.)	APPROVED TO MILITARY SPECIFICATION	
			MIN	MAX		MIN	MAX			M22759/13	M81044/9
DSC174-24*	24	19 X 36	.023	.026	26.2	.052	.056	2.5	2.9	-24-*	-24-*
-22*	22	19 X 34	.029	.033	16.2	.059	.065	3.7	3.9	-22-*	-22-*
-20*	20	19 X 32	.037	.041	9.88	.067	.073	5.3	5.5	-20-*	-20-*
-18*	18	19 X 30	.046	.052	6.23	.077	.083	7.7	8.0	-18-*	-18-*
-16*	16	19 X 29	.052	.058	4.81	.085	.093	9.6	10.1	-16-*	-16-*
-14*	14	19 X 27	.065	.072	3.06	.104	.112	14.8	15.5	-14-*	-14-*
-12*	12	37 X 28	.084	.090	2.02	.122	.130	21.6	23.0	-12-*	-12-*
-10*	10	37 X 26	.106	.118	1.26	.150	.160	34.0	35.7	-10-*	-10-*
-8*	8	133 X 29	.158	.176	.701	.208	.220	59.7	62.8	-8-*	-8-*
-6*	6	133 X 27	.198	.218	.445	.257	.271	91.4	99.3	-6-*	-6-*
-4*	4	133 X 25	.250	.272	.280	.312	.328	145.0	153.0	-4-*	-4-*
-2*	2	665 X 30	.320	.345	.183	.388	.412	227.0	247.0	-2-*	-2-*
-1*	1	817 X 30	.360	.380	.149	.398	.426	-	311.0	-1-*	-
DSC174-0*	0	1045 X 30	.405	.432	.116	.474	.506	347.0	387.0	-01-*	-0-*

* IN TABLE ABOVE SHALL BE REPLACED BY A COLOR CODE DESIGNATOR IN ACCORDANCE WITH MIL-STD-681

(B) NOTE

DSC174 WIRE IS SUPERSEDED BY M81044/20 FOR DHC-7 A/C 3 & SUBS. REF E.O.7336 SHT 99

DELETED (ISS. A)

~~NOTE: COLUMNS DESIGNATED WITH A ARE TAKEN FROM MIL-W-22759/13~~
~~MIL-W-81044/9~~

PART NO. EXAMPLE

DSC174-22-9

COLOR CODE: -9 - WHITE

DSC PART INDICATOR | WIRE SIZE | COLOR CODE

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 BY THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED FOR THE USE IN DHC AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY THE DE HAVILLAND AIRCRAFT OF CANADA LTD.

MOD NO.	29-JAN 74	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO				
DRAWN	D. LINTS	DRAWING TITLE WIRE, ELECTRIC, MEDIUM WEIGHT, GENERAL PURPOSE				
CHECKED	RL					
APPROVED	RL					
STRESS	HL					
S.D.S. M.P.	SENTINEL					
		CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
		71867	B	DSC174		B
		SCALE	WGT. CALC	ACTUAL	SHEET	