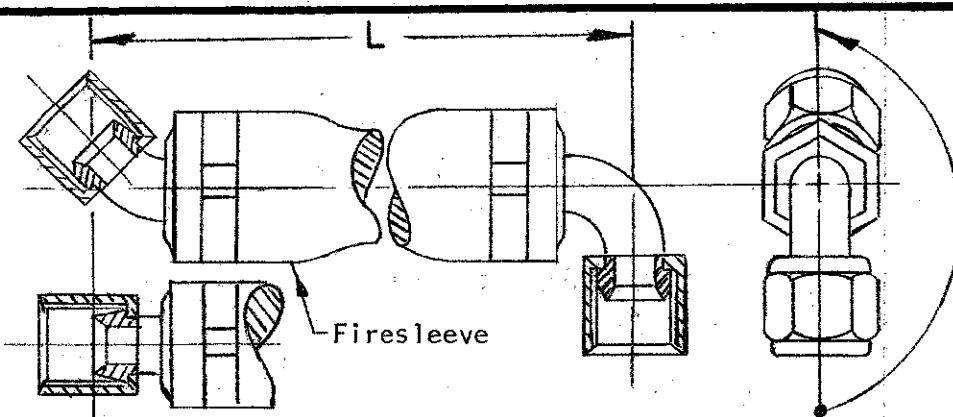


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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
B		REDRAWN & REVISED, DEUTSCH PART NOS. WERE 94FXX SERIES NUMBERS RESISTOFLEX TR 2800 SERIES PART NUMBERS DELETED, DWG WAS 3 SHEETS, NOW 2	24 5 17	DL	DL	U.L.G.	SECRETARY



Angle orientation measured in degrees anti-clockwise in 5° increments, placing nearest fitting in a six o'clock position and using it as the datum, angle defined in 3 digits, i.e. 35° is 035.

* Procurement Dept. shall specify the DSC and the manufacturer's part number on Purchase Order

Part No.	Tube O.D.	Hose Size I.D.	Ass'y Size O.D.	Max Oper psi	Min Bend Rad	Min Burst psi	Min Proof psi	Approved Vendors			
								Aeroquip	Stratoflex	Stratoflex	Deutsch
DSC 149-3	3/16	.156	1.08	1000	1.75	6000	3000	—	—	156FXXX-3S	36FXX-3F
-4	1/4	.188	1.14	1000	2.00	6000	3000	624XXX-4	130F00X-4S	-4S	-4F
-5	5/16	.250	1.21	1000	2.25	6000	3000	—	-5S	-5S	-5F
-6	3/8	.312	1.27	1000	2.50	6000	3000	-6D	-6S	-6D	-6D
-8	1/2	.406	1.42	1000	3.50	5000	2500	-8D	-8D	-8D	-8D
-10	5/8	.500	1.61	1000	4.00	5000	2500	-10D	-10D	-10D	-10D
-12	3/4	.625	1.74	1000	4.50	3750	2000	-12D	-12D	-12D	-12D
-16	1	.875	1.99	750	5.50	2500	1500	-16D	-16D	-16D	-16D
-20	1 1/4	1.125	2.35	500	8.00	2000	1000	—	130F00X-20D	156FXXX-20D	-20D
-24	1 1/2	1.375	2.55	250	9.00	2000	800	-24D	—	—	-24D
DSC 149-32	2	1.781	3.20	200	12.50	1200	600	624XXX-32D	—	—	36FXX-32D

FITTING MATERIAL

Aeroquip - -4 steel nipple assembly with aluminum socket; size -6 and larger are all aluminum

Stratoflex - -4, -5 & -6 (130 series) have steel nipple ass'ys with aluminum sockets; size -8 and larger are all aluminum; in 156 series -6 and larger are all aluminum

Deutsch - -3, -4, -5 have steel nipple ass'y with aluminum socket; -6 and larger are all aluminum

NOTES

End fittings mate with MS33656 type connectors.

Temperature Range - -40°F to +300°F.

Hose Construction

- seamless synthetic rubber inner tube
- reinforced with stainless steel wire braid OR one fabric braid, one braid of high tensile steel wire & covered with a synthetic rubber impregnated oil resistant fabric braid
- hose assemblies to meet requirements of TSO C53, Type C.

SIZE CODE

Dash Size	3	4	5	6	8	10	12	16	20	24	32
Stratoflex	A	B	C	D	E	F	G	H	J	K	L
Aeroquip	E	F	G	H	J	K	L	M	N	P	R

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.

DRAWN	Kromkamp
CHECKED	S. Puckering
STD, M&P	S. Schrattnet
STRESS	H. Karbe
CH. DRAFT	
DATE	10.12.73

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO

DRAWING TITLE

HOSE ASS'Y - Fuel & Engine Oil,
250°F, Medium Pressure, Rubber, Flared
Fittings, Fire Resistant

TSO C53C

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867	B	DSC 149		B
SCALE	WGT. CALC	ACTUAL	SHEET 1 OF 2	

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**REPORT ALL DRAWING ERRORS
TO ENGINEERING**

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
B		REVISED & REDRAWN, DEUTSCH PART NUMBERS WERE 94FXX SERIES NUMBERS RESISTOFLEX TR 2800 SERIES NUMBERS DELETED.	24 5 77			W. G.	



STYLE 'A'

VENDOR	BASIC ASS'Y NO.
Aeroquip	624100
Stratoflex	130F001 156F001
Deutsch	36F01



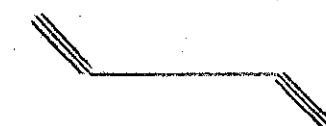
STYLE 'B'

Aeroquip	624139
Stratoflex	130F002 156F003
Deutsch	36F07



STYLE 'C'

Aeroquip	624117
Stratoflex	130F003 156F005
Deutsch	36F08



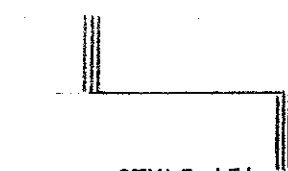
STYLE 'D'

Aeroquip	624156-4 624155-6 & larger
Stratoflex	130F004 156F060
Deutsch	36F09



STYLE 'E'

Aeroquip	624158-4 624157-6 & larger
Stratoflex	130F005 156F062
Deutsch	36F10



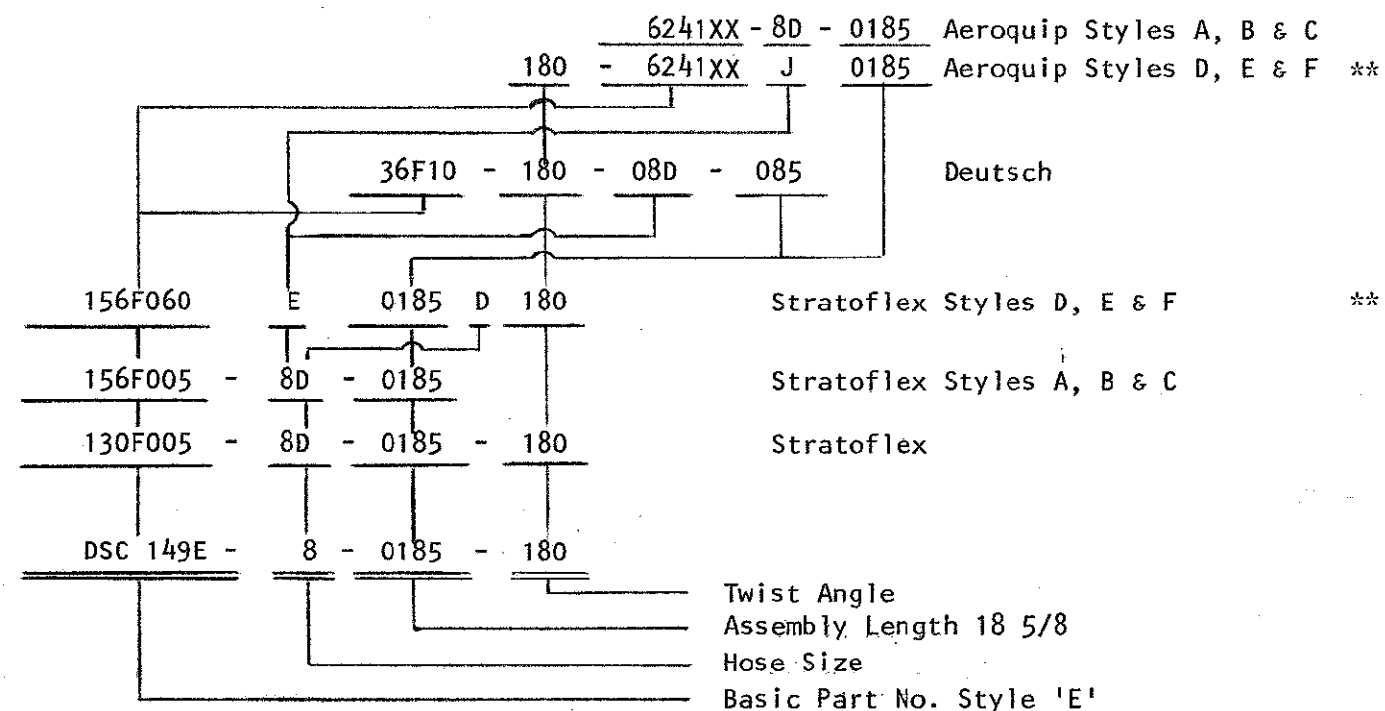
STYLE 'F'

Aeroquip	624141-4 640119-6 & larger
Stratoflex	130F006 156F115
Deutsch	36F11

** Aeroquip & Stratoflex hoses having double elbows (styles D, E & F) use a letter code (see size code block) for hose size.

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DRAWN	Kromkamp
CHECKED	Puckering
STD, M&P	Schrattner
STRESS	Kar be
CH. DRAFT	
DATE	10.12.73

**THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED
DOWNSVIEW ONTARIO**

DRAWING TITLE

HOSE ASS'Y - Fuel & Engine Oil,
250°F, Medium Pressure, Rubber, Flared Fittings,
Fire Resistant TSO C53C

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867	B	DSC 149		B
SCALE	WGT. CALC	ACTUAL	SHEET 2 OF 2	