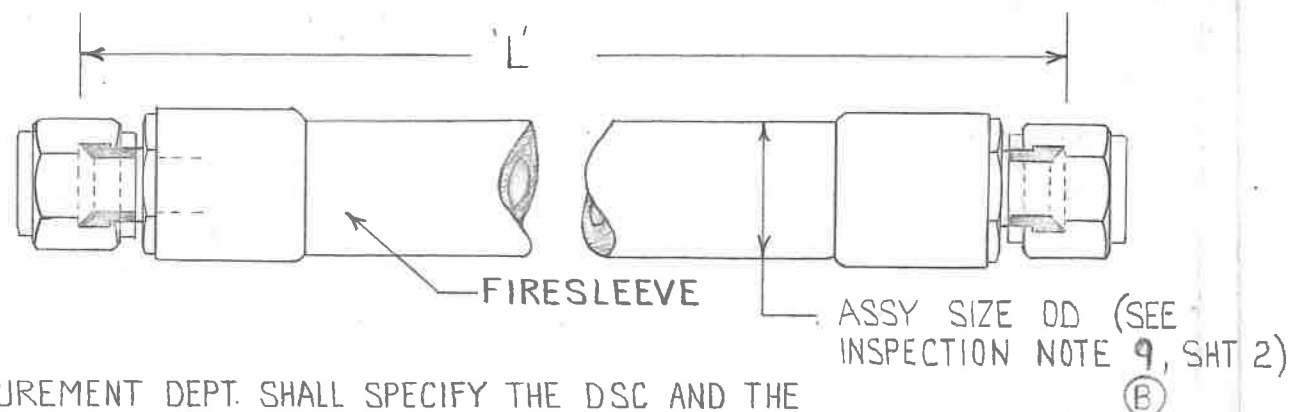


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THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING



PROCUREMENT DEPT. SHALL SPECIFY THE DSC AND THE MANUFACTURER'S PART NUMBER ON PURCHASE ORDER

PART NUMBER	TUBE OD	HOSE SIZE ID	ASSY SIZE OD	WEIGHT lb./ft	MAX OPER PSI	MIN BEND RAD	MIN BURST PSI	MIN PROOF PSI	APPROVED VENDORS		
									AEROQUIP	STRATOFLEX	
DSC 286-4	.250	.204	.755	.310	1000	2.00	6000	3000	AE	E	156H
-6	.375	.329	.864	.351	1000	2.50	6000	3000	AE	G	
-8	.500	.415	.966	.396	1000	3.50	5000	2500	AE	H	
-10	.625	.539	1.126	.474	1000	4.00	5000	2500	AE	J	
-12	.750	.665	1.267	.592	1000	4.50	4000	2000	AE	K	
-16	1.000	.844	1.469	.750	750	5.50	3000	1500	AE	M	
-20	1.250	1.094	1.750	.891	500	8.00	2000	1300	AE	N	
-24	1.500	1.375	2.017	1.043	250	9.00	1750	800			
DSC 286-32	2.000	1.750	2.439	1.350	200	12.50	1200	600		156H	

NOTES

- 1, END FITTINGS MATE WITH MS 33656 TYPE CONNECTORS.
- 2, TEMPERATURE RANGE -65°F TO +300°F.
- 3, HOSE ASSEMBLIES TO MEET REQUIREMENTS OF TSO C53 TYPE C.
- 4, THE SUPPLIERS QUALITY SYSTEM SHALL MEET, AS A MINIMUM, THE REQUIREMENTS OF MIL-I-45208 OR DND 1016.

HOSE CONSTRUCTION

SEAMLESS ELASTOMERIC COMPOUND INNER TUBE, REINFORCED WITH STAINLESS STEEL WIRE BRAID CONSISTING OF A PARTIAL INNER BRAID AND FULL COVERAGE OUTER BRAID. WITH AN INTEGRAL SILICONE COVER.

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

DASH SIZE	4	6	8	10	12	16	20	24	32
AEROQUIP	E	G	H	J	K	M	N		
STRATOFLEX	B	D	F	G	H	J	K	L	
STRATOFLEX	4	6	8	10	12	16	20	24	32

DRAWN	M. ROSSO
CHECKED	KROMKAMP
APPROVED	<i>[Signature]</i>
STRESS	<i>m. [Signature]</i>
STD., M.&P.	SCHREIBER
CH. DRAFTN.	

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROV.
B	1	STRATOFLEX P/N 156HXXX WAS 176HXXX.	2018-10-03	R. SIMPSON	D. FITZGERALD	D. RAJASEKAR	R. SIMPSON
	2	NOTE 9 REF. WAS NOTE 3.					
	3	-24 BURST WAS 2000 PSI					

FOR STYLES A,B,C (ST. TO ST. / ELBOW)

DSC 286A 8 0185

① 156H001- 8D* 0185

AE7013106 H 0185

STRATOFLEX

AEROQUIP

ASSY LENGTH (18 5/8 IN.)
HOSE SIZE
BASIC PART N° (STYLE 'A')

FOR STYLES D,E,F (ELBOW TO ELBOW)

DSC 286E 8 0185 180

① 156H062

E 0185D* 180

AE7075

H 0185 180

STRATOFLEX

AEROQUIP

TWIST ANGLE (SEE SHT 2)
ASSY LENGTH (18 5/8 IN.)
HOSE SIZE
BASIC PART N° (STYLE 'E')

USE LETTERS FOR STYLES D,E,F.
USE NUMBERS FOR STYLES A,B,C.

*FOR STRATOFLEX, -4 SIZE FITTING MAT'L CODE IS "S".

THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED
DOWNSVIEW ONTARIO

DRAWING TITLE HOSE ASSY, FUEL & ENGINE OIL

-65°F TO +300°F MEDIUM PRESSURE,
ELASTOMERIC COMPOUND, FLARED FITTINGS,
INTEGRAL FIRE RESISTANT FIRESLEEVE.
TSO-C53A TYPE C.

CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
71867	B	DSC 286		B
SCALE	WGT. CALC	ACTUAL	SHEET	1 OF 2

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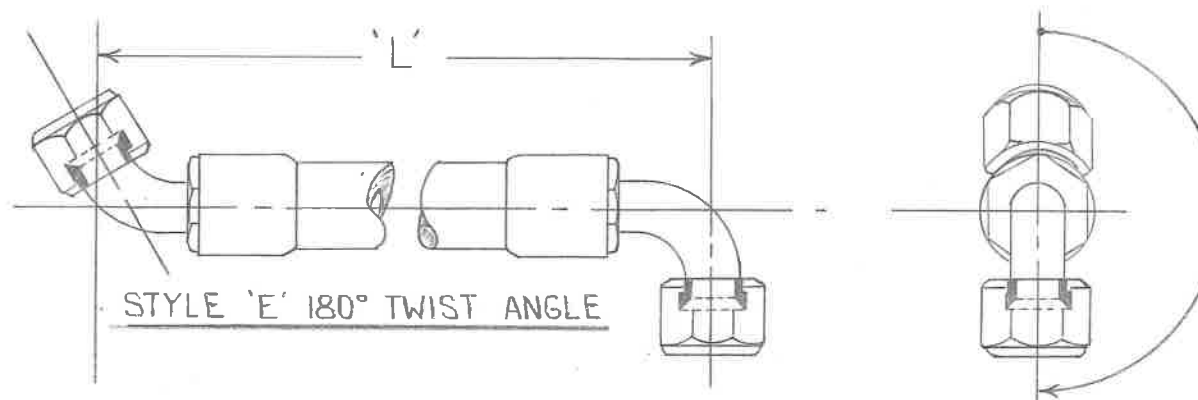
THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED

REPORT ALL DRAWING ERRORS TO ENGINEERING

REVISIONS

CHANGE	ITEM NO.	DESCRIPTION	DATE	DRAWN	CHECKED	STRESS	APPROVD.
A		STRATOFLEX PART NO'S 156HXXX WERE 176HXXX.	1 AUG 2018	R. SIMPSON	D. FITZGERALD	D. RATASENA	R. SIMPSON

	VENDOR	BASIC ASSY NUMBER
STYLE 'A'	AEROQUIP	AE 7013106
	STRATOFLEX	156H001
STYLE 'B'	AEROQUIP	AE 7013107
	STRATOFLEX	156H003
STYLE 'C'	AEROQUIP	AE 7013131
	STRATOFLEX	156H005
STYLE 'D'	AEROQUIP	AE 7074
	STRATOFLEX	156H060
STYLE 'E'	AEROQUIP	AE 7075
	STRATOFLEX	156H062
STYLE 'F'	AEROQUIP	AE 7076
	STRATOFLEX	156H115



ANGLE ORIENTATION MEASURED IN DEGREES
ANT-CLOCKWISE IN 5° INCREMENTS PLACING
NEAREST FITTING IN A SIX O'CLOCK POSITION
AND USING IT AS THE DATUM.

ANGLE IS EXPRESSED IN 3 DIGITS, ie, 35° is 035.

FITTING MATERIAL

- 4 SIZE
STEEL NIPPLE ASSEMBLY
WITH ALUMINUM SOCKET.

- 6 SIZE AND LARGER
ALUMINUM NIPPLE ASSEMBLY
WITH ALUMINUM SOCKET.

NOTES CONT.

- 5, ALL HOSE ASSEMBLIES MUST BE CAPPED AT EACH END.
- 6, HOSE ASSEMBLIES HAVE AN UNLIMITED SHELF LIFE, THEREFORE NO REINSPECTION STAMP REQUIRED.
- 7, A CERTIFICATE OF COMPLIANCE MUST ACCOMPANY EACH SHIPMENT.
- 8, THE DSC, MANUFACTURERS, AND TSO NUMBERS MUST BE STAMPED ON A STAINLESS STEEL BAND WHICH WILL BE PERMANENTLY FASTENED TO THE HOSE ASSEMBLY.
- 9, DIMENSIONAL INSPECTION CHECKS:
 - a, ASSY SIZE OD (OUTSIDE DIAMETER).
 - b, LENGTH OF ASSY (MEASURED AT 'L' ON SHT 1 OR SHT 2).
 - c, TWIST ANGLE (FOR STYLES D, E & F ONLY).

SOURCE CONTROL DRAWING

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DRAWN	M. ROSSO	THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED DOWNSVIEW ONTARIO				
CHECKED	K. KAMP	DRAWING TITLE HOSE ASSY				
APPROVED	Loung	FUEL & ENGINE OIL, -65 TO +300°F MEDIUM PRESSURE, ELASTOMERIC COMPOUND, FLARED FITTINGS, INTEGRAL FIRE RESISTANT FIRESLEEVE. TSO C53A TYPE C				
STRESS	M. Elliott	CODE IDENT NO.	DWG SIZE	DRAWING NO.	RELEASE	REV.
STD., M.&P.	SCHREIBER	71867	B	DSC 286		A
CH. DRAFTN.		SCALE	WGT. CALC	ACTUAL	SHEET 2 OF 2	