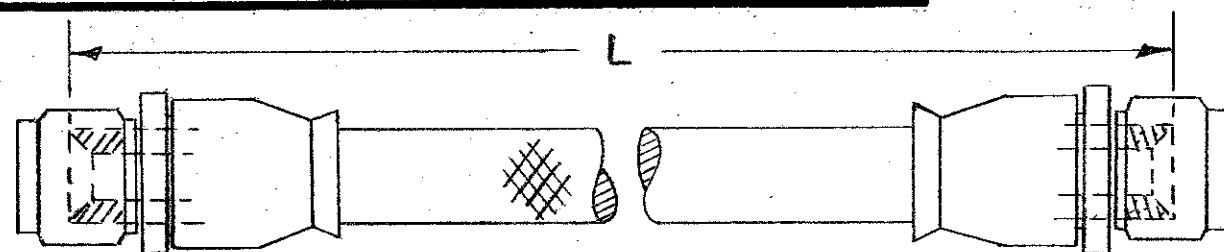


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TO ENGINEERING



\* PROCUREMENT DEPT SHALL SPECIFY THE DSC AND THE MANUFACTURERS PART NUMBER ON PURCHASE ORDER

| PART NUMBER | TUBE OD | HOSE I.D. MIN | HOSE OD. MAX | MIN. BEND RAD | WEIGHT lb/ft | MAX OPER PSI | PROOF PSI | MIN BURST | APPROVED VENDORS |            |
|-------------|---------|---------------|--------------|---------------|--------------|--------------|-----------|-----------|------------------|------------|
|             |         |               |              |               |              |              |           |           | AEROQUIP         | TITEFLEX   |
| DSC187-4    | 1/4     | .212          | .410         | 1.50          | .113         | 3000         | 6000      | 12000     | AE               | E 23XXXX04 |
| ↑ -6        | 3/8     | .298          | .540         | 2.50          | .175         | 3000         | 6000      | 10500     | ↑                | G 06       |
| ↑ -8        | 1/2     | .391          | .640         | 2.88          | .235         | 3000         | 6000      | 10500     | ↑                | H 08       |
| ↓ -10       | 5/8     | .485          | .745         | 3.25          | .325         | 3000         | 6000      | 9000      | AE               | J 10       |
| DSC187-12   | 3/4     | .650          | 1.062        | 4.00          | .662         | 3000         | 6000      | 12000     |                  | 23XXXX12   |

#### NOTES

1. END FITTINGS MATE WITH MS33656 TYPE CONNECTORS.
2. TEMPERATURE RANGE -65°F TO +400°F
3. HOSE ASSEMBLIES MEET REQUIREMENTS OF TSO C75 TYPE III B-S/P
4. HOSE ASSEMBLIES ARE PHOSPHATE ESTER RESISTANT

| DASH SIZE | 4 | 6 | 8 | 10 | 12 |
|-----------|---|---|---|----|----|
| AEROQUIP  | E | G | H | J  | K  |
| TITEFLEX  | B | D | E | F  | G  |

PART CODE: DSC187E-8-0185-180

230000 -08-0185 TITEFLEX (STYLES A,B & C)  
230102 E 0185-180 TITEFLEX (STYLES D,E & F)  
AE4036 H 0185-180 AEROQUIP (STYLES D,E & F)  
AE246000 H 0185 AEROQUIP (STYLES A,B & C)  
TWIST ANGLE (SEE SHEET 2)  
ASS'Y LENGTH (185/8 IN)  
HOSE SIZE  
BASIC PART NO (STYLE 'E')

#### HOSE CONSTRUCTION

- EXTRUDED TEFLON INNERCORE INCORPORATING CONDUCTIVITY REQUIREMENTS PER MIL-H-38360A AND REINFORCED WITH STAINLESS STEEL WIRE TO MEET REQUIREMENTS OF MIL-H-38360A AND TSO C75 TYPE III B-S/P

#### FITTING MATERIAL

- ALL PARTS STAINLESS STEEL

① USAGE - TO BE USED WHERE REINFORCED BRAID IS NOT REQUIRED

## SOURCE CONTROL DRAWING

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#### REVISIONS

| CHANGE | ITEM NO. | DESCRIPTION      | DATE     | DRAWN | CHECKED | STRESS | APPROV. |
|--------|----------|------------------|----------|-------|---------|--------|---------|
| A      |          | USAGE NOTE ADDED | 31<br>94 | RK    | RK      | /      | RK      |

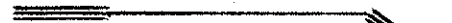
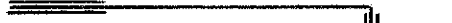
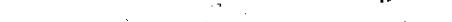
\* HOSE ASS'YS NOT LIMITED TO HYDRAULIC USE ONLY - FOR OTHER APPLICATIONS SEE STANDARDS & MATERIALS DEPT.

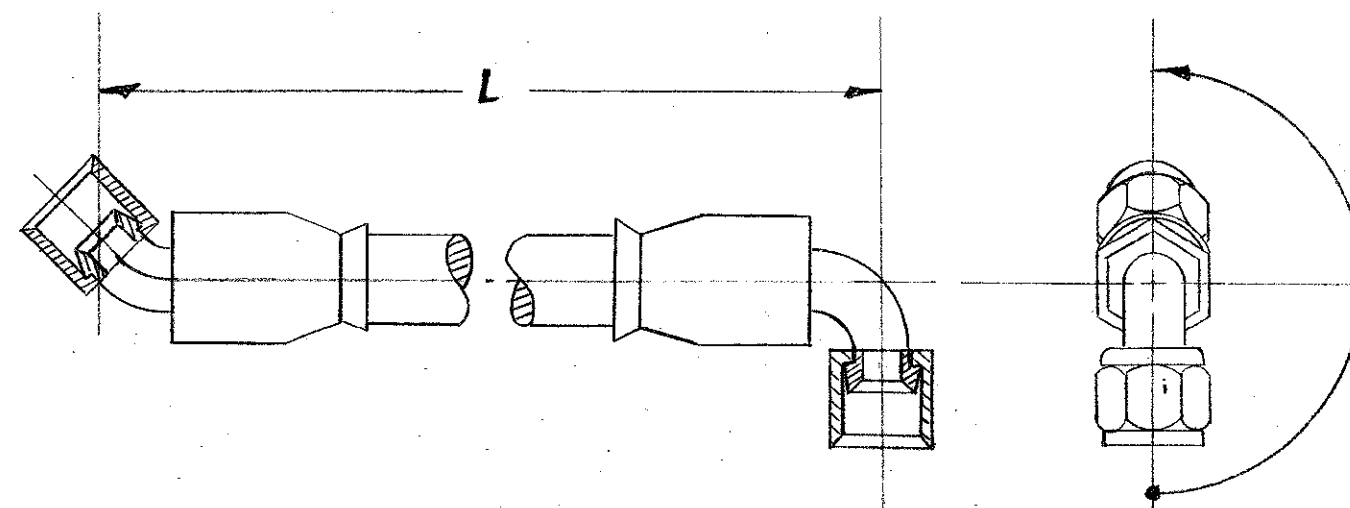
|                     |             |                                                    |                 |                    |                     |             |
|---------------------|-------------|----------------------------------------------------|-----------------|--------------------|---------------------|-------------|
| <b>DRAWN</b>        | KROMKAMP    | <b>THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED</b> |                 |                    |                     |             |
| <b>CHECKED</b>      | D. LINTS    | <b>DOWNSVIEW ONTARIO</b>                           |                 |                    |                     |             |
| <b>STD. M&amp;P</b> | SCHEPATTNER | <b>DRAWING TITLE</b>                               |                 |                    |                     |             |
| <b>STRESS</b>       | H. L. LINTS | HOSE ASS'Y-HYDRAULIC, LIGHTWEIGHT                  |                 |                    |                     |             |
| <b>CH. DRAFT</b>    |             | TEFLON, HIGH PRESSURE, FLARED, PERMANENTLY         |                 |                    |                     |             |
| <b>DATE</b>         | 13.4.76     | ATTACHED END FITTINGS, 400°F                       |                 |                    |                     |             |
|                     |             | QPL 38360 TSO C75 TYPE III B-S/P                   |                 |                    |                     |             |
|                     |             | <b>CODE IDENT NO.</b>                              | <b>DWG SIZE</b> | <b>DRAWING NO.</b> | <b>RELEASE</b>      | <b>REV.</b> |
|                     |             | 71867                                              | B               | DSC 187            |                     | A           |
| <b>SCALE</b>        |             | <b>WGT. CALC</b>                                   |                 | <b>ACTUAL</b>      | <b>SHEET 1 OF 2</b> |             |

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REPORT ALL DRAWING ERRORS TO ENGINEERING

| REVISIONS |          |             |      |       |
|-----------|----------|-------------|------|-------|
| CHANGE    | ITEM NO. | DESCRIPTION | DATE | DRAWN |
| CHECKED   | STRESS   | APPROVED    |      |       |

| VENDOR                                                                              |                      | BASIC ASS'Y NO       |
|-------------------------------------------------------------------------------------|----------------------|----------------------|
|    | AEROQUIP<br>TITEFLEX | AE 2460000<br>230000 |
| STYLE 'A'                                                                           |                      |                      |
|    | AEROQUIP<br>TITEFLEX | AE 2460100<br>230001 |
| STYLE 'B'                                                                           |                      |                      |
|    | AEROQUIP<br>TITEFLEX | AE 2460200<br>230002 |
| STYLE 'C'                                                                           |                      |                      |
|  | AEROQUIP<br>TITEFLEX | AE 4000<br>230101    |
| STYLE 'D'                                                                           |                      |                      |
|  | AEROQUIP<br>TITEFLEX | AE 4036<br>230102    |
| STYLE 'E'                                                                           |                      |                      |
|  | AEROQUIP<br>TITEFLEX | AE 4072<br>230202    |
| STYLE 'F'                                                                           |                      |                      |



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 IS DEFINED IN 3 DIGITS ie 35° is 035

## SOURCE CONTROL DRAWING

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|                     |            |                                                                                                                                        |                  |                    |                     |
|---------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------|---------------------|
| <b>DRAWN</b>        | KROMKAMP   | <b>THE DE HAVILLAND AIRCRAFT OF CANADA LIMITED<br/>DOWNSVIEW ONTARIO</b>                                                               |                  |                    |                     |
| <b>CHECKED</b>      | D. LINTS   |                                                                                                                                        |                  |                    |                     |
| <b>STD. M&amp;P</b> | SCHEIDTNER | <b>DRAWING TITLE</b><br>HOSE ASS'Y-HYDRAULIC, LIGHTWEIGHT<br>TEFLON, HIGH PRESSURE, FLARED PERMANENTLY<br>ATTACHED END FITTINGS, 400°F |                  |                    |                     |
| <b>STRESS</b>       | H. HEDER   |                                                                                                                                        |                  |                    |                     |
| <b>CH. DRAFT</b>    |            | QPL 38360 TSO C75 TYPE III-3/P                                                                                                         |                  |                    |                     |
| <b>DATE</b>         | 13.4.76    |                                                                                                                                        |                  |                    |                     |
|                     |            | <b>CODE IDENT NO.</b>                                                                                                                  | <b>DWG SIZE</b>  | <b>DRAWING NO.</b> | <b>RELEASE</b>      |
|                     |            | 71867                                                                                                                                  | B                | DSC 187            |                     |
|                     |            | <b>SCALE</b>                                                                                                                           | <b>WGT. CALC</b> | <b>ACTUAL</b>      | <b>SHEET 2 OF 2</b> |