



Wipaire Worldwide
Anywhere, Anytime

SERVICE LETTER: 37

DATE: January 20, 1997

TITLE: Installation-oil filter, float hydraulic system

EFFECTIVITY: Applicable to all Model DeHavilland Twin Otter, Model 300 with Wipline Model 13000 Floats Installed. S/N 1 thru 22

REASON: Hydraulic oil contamination in the landing gear hydraulics.

COMPLIANCE: At owners discretion.

BACKGROUND INFORMATION:

Hydraulic oil contamination will develop over time in your hydraulic system. This is a variety of dirt, water, and fungi (black Mass), and this will plug the filter screen in your hydraulic oil tank.

The installation of this oil filter system will filter out this contamination and prevent hydraulic pump damage.

NOTE: THE FOLLOWING SHOULD BE DONE ON A REGULAR BASIS.

It is recommended that the hydraulic oil tank be removed and the oil and filter screen be inspected for contamination. Remove contaminated oil and clean the filter screen.

METHOD OF COMPLIANCE: Installation per Installation drawing 6D1-2287

PARTS REQUIRED: Installation drawing 6D1-2287

SHOP HOURS REQUIRED: 3 Hours

WARRANTY: Parts and Labor for 18 months past the issuance of this service letter.

2. DRILL 1/16" DIA RIVETS IN 6C3-2151 BRACKET (NOTED)
3. DISASSEMBLE FILTER ADAPTER FROM 6B3-2285 MOUNT IF NECESSARY
4. LOCATE & CLECO 6B3-2285 MOUNT BETWEEN MANIFOLD AND 6C3-2151 BRACKET
5. USE MOUNT TO MATCH DRILL 8 (#30 (.128) DIA) HOLES INTO 6C3-2151 BRACKET
6. RIVET 6C3-2151 BRACKET AND 6B3-2285 MOUNT USING AM470A04 RIVETS (NOTED)
7. REMOUNT MANIFOLD USING HARDWARE NOTED ON 6D2-2286 ASSEMBLY - FILTER - HYDRAULIC PUMP
8. REASSEMBLE FILTER ADAPTER TO MOUNT IF REMOVED AND SAFETY WIRE

MPL		WIPAIRE INC	
FINISH		6520 RIVER ROAD, INVER GROVE HEIGHTS, MN. 55076	
DR	DATE	TOLERANCES	TITLE
PRP	1/20/97	.00 ±.015	INSTL. - FILTER HYDRAULIC PUMP
	4/15/97	.000 ±.005	REV NO.
			SCALE
			1/4"
			NO. 601-2287
			REV