



SERVICE LETTER NUMBER 153			
TITLE: FLOAT PUMP OUT TUBE INSPECTION			
BY: M.DILLON	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: D.GARRETT	ALL MAKE/MODELS EQUIPPED WITH WIPLINE FLOATS	ALL WIPLINE FLOATS	MANDATORY INSPECTION S/L P/N 1006820 ECO--23440
DATE: 10/24/13			
REV: A			

FAA APPROVAL HAS BEEN OBTAINED FOR TECHNICAL DATA IN THIS PUBLICATION THAT AFFECTS STC OR TSO DESIGN COMPLIANCE

EFFECTIVITY:

This service letter applies to:
All floatplanes equipped with Wipline floats.

COMPLIANCE

Compliance with this service letter is mandatory.

BACKGROUND:

Pump Out Tube has difficulty functioning and may become blocked if the tube opening is in contact with the bottom float skin. This blockage creates suction between the tube and bottom skin when attempting to purge water from compartments, and results in an accumulation of water in the float bays. Prolonged contact between the Pump Out Tube and bottom skin can cause visible wear and potential wear through of the bottom skin.

COMPLIANCE METHOD:

Inspection and adjustment of pump out tube in accordance with instructions in this service letter.

APPROX. SHOP HOURS:

This Service Letter will take approximately 3 labor hours to complete visual inspection and corrective action if required.

WARRANTY INFORMATION:

This service letter does not include any warranty, labor or parts.

TECHNICAL DATA:

Copies of this service letter, float service manual, modification drawing, and float parts manual are available on the website www.wipaire.com.

For basic Float model maintenance information, see Wipaire applicable Service Manual on website www.wipaire.com.

For basic Float model parts information, see applicable Wipaire Parts Manual on website www.wipaire.com.

INSPECTION PROCEDURE:

1. Open inspection covers and visually inspect all Pump Out Tubes. In locations where the tube opening is parallel to the bottom float skin, measure the distance between tube opening and skin (figure 1).
 - a. If distance is 1/8" to 1/4", proceed to Step 3.
 - b. If distance less than 1/8", proceed with corrective action in Step 2.



Figure 1

2. Bend the tube up and cut it shorter to make distance between the tube and float skin 1/8" - 1/4".
3. Snip a V-shape (figure 2) out of the end of the tube to prevent suction between the pump out tube and float skin.
 - a. Position the V-cut towards the lowest point (the keel) in the compartment.



Figure 2

NOTES:

- 1) Upon completion of inspection, enter information in float logbook for completion of Wipaire Service Letter 153.
- 2) Once service letter is accomplished, please visit www.wipaire.com and update your aircraft service letter/kit record using the link found on the Customer Support dropdown menu under "Update Service Letter & Kit Compliance Status".

END