



SERVICE LETTER NUMBER 162			
TITLE: Main gear actuator replacement			
BY: R. GLASS	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: J. SORTOR	QUEST MODEL 100 KODIAK CESSNA MODEL 208/208B CARAVAN	7000 and 8750	Optional compliance S/L P/N 1008557 ECO 24131
DATE: 8/24/2015			
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:

WIPLINE 7000 AMPHIBIAN FLOAT on the QUEST MODEL 100 KODIAK
STC STCSA02848CH S/N: 70032 and prior

WIPAIRE MODEL 8750 AMPHIBIAN FLOAT ON THE CESSNA MODEL 208/208B CARAVAN
STC STCSA1311GL S/N: 87106 and prior

COMPLIANCE:

Compliance with this service letter is optional.

BACKGROUND:

Gear actuator assembly is having water intrusion into the main housing where the greased mechanisms are located.

COMPLIANCE METHOD:

Install float main gear actuator PN 1003510 (1 each) in accordance with the instructions in the technical data section of this service letter.

APPROX. SHOP HOURS:

This service letter will take approximately 10 hours to remove, replace, and rerig both main gear actuators.

WARRANTY INFORMATION:

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

TECHNICAL DATA:

Copies of this service letter, service kit, float manual, repair drawing, and float parts manual are available on www.wipaire.com.

See procedures below for details on replacing the gear actuator assembly.

NOTES:

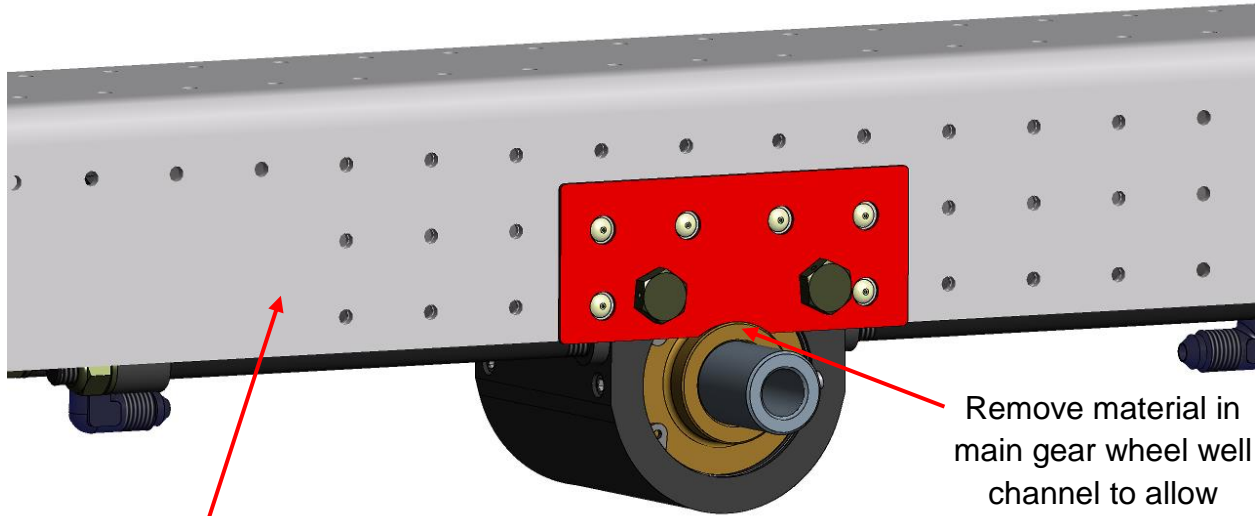
1. Upon completion of inspection, enter information in float logbook for completion of Wipaire Service Letter 162.
2. Once service letter is accomplished, please visit www.wipaire.com and update your aircraft service letter/kit record using the link found on the Customer Support dropdown menu under "Update Service Letter & Kit Compliance Status".

SERVICE PROCEDURES

1. Reference main gear assembly setup and adjustment section of one of the following documents for instruction on replacement of main gear actuator in float:
 - "SERVICE MANUAL & ICA for the WIPLINE 7000 AMPHIBIAN FLOAT on the QUEST MODEL 100 KODIAK" document part number 1004646
 - "SERVICE MANUAL and ICA for the WIPAIRE MODEL 8750 AMPHIBIOUS/SEAPLANE FLOAT ON THE CESSNA MODEL 208/208B CARAVAN" document part number 1005723

Note: Use template part number 1008665 found in this kit to locate the clearance area needed for the new actuator to be installed. See figure 1 for reference.

2. Return the removed main gear actuator assembly to Wipaire, Inc. for core credit.



Main gear wheel well channel

Figure 1

Remove material in main gear wheel well channel to allow clearance for the replacement actuator

END