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## SERVICE LETTER 59

### Removal of Main Gear Tunnel for 13000 Seaplane Floats

<b>Aircraft Makes/Model(s):</b>	<b>Float Model(s):</b>	<b>Compliance:</b> Optional	<b>By:</b> MAS
DeHavilland DHC-6	13000S	<b>Part Number:</b> 1002437	<b>Approved:</b> DRH
		<b>Date:</b> 9/7/2022	<b>Revision:</b> C

### LOG OF REVISIONS

Revision	Description	Date
A	Initial release	2/17/2003
B	Updated work instructions.	11/4/2019
C	Full rewrite, obsoleted Service Kit 40.	9/7/2022

FAA approval has been obtained for technical data in this publication that affects STC or TSO design compliance.

#### EFFECTIVITY:

This service letter applies to DeHavilland model DHC-6 with Wipline 13000 Seaplane Floats installed per STC SA2CH with serial number 13066 and prior.

#### COMPLIANCE:

Optional Compliance

#### BACKGROUND:

Model 13000 seaplane floats were manufactured with provisions for converting from amphibian floats. The gear tunnel between bulkheads #16 and #14 may be removed to make seaplane floats more accessible for repair and service. Since gear tunnel is removed, bulkhead #14 service cover may be enlarged for easier access.

#### COMPLIANCE METHOD:

Install provided parts as shown in the Work Instruction section of this service letter.

#### APPROXIMATE SHOP HOURS:

Performing the work will take approximately 10 labor hours to complete.

#### WARRANTY INFORMATION:

This service letter does not include warranty for labor and parts.

#### TECHNICAL DATA:

Copies of this service letter, associated service kit (if applicable), float service manual, and float parts manual are available by contacting Wipaire customer service.

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ORDER PARTS INDIVIDUALLY AS NEEDED (PER FLOAT)			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	13A01150-201	COVER, #16 BULKHEAD (STEP)
2	1	13A01000-459	COVER, ASSEMBLY #14 BULKHEAD (OPTIONAL)

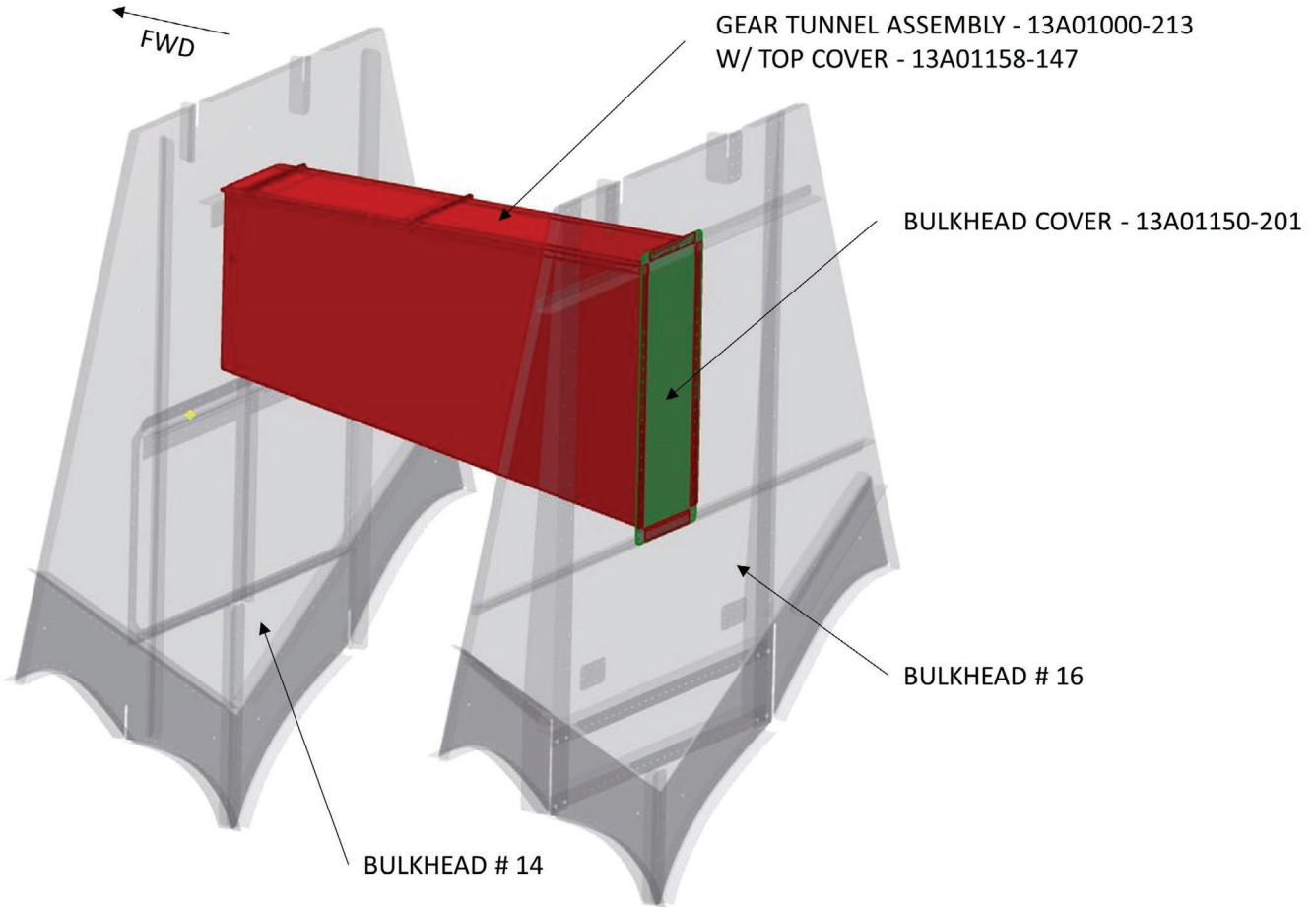
## Work Instructions

### Removal of Landing Gear Tunnel

1. From inside of float through access panel in #14 bulkhead, remove rivets (tails) that attach tunnel to #16 bulkhead.
2. On forward side of tunnel on #14 bulkhead, remove the two attach bolts and two attach rivets.
3. Remove tunnel.
4. On #16 bulkhead attach 13A01150-201, cover over opening. Holes in cover will match hole pattern in #16 bulkhead. Seal completely and cherry max rivet cover to bulkhead. Seal rivets after installation.
5. Plug holes in #14 bulkhead made from tunnel removal.

### (Optional) Enlarging Access Cover in Bulkhead #14

1. Remove existing access cover.
2. Remove center "T" angle above access hole.
3. Remove .75 x 1.00 stiffener angle from top of access door.
4. Mark out and remove 6" from top of door opening. Radii corners.
5. Position and install new door 13A01000-459 in lower holes. Use the new door to position upper .75 x 1.00 angle that was removed. Install same as it was removed.
6. Plug holes in bulkhead where center "T" section was removed.
7. Install new door and seal.



**Figure 1**

**WEIGHT AND BALANCE SUMMARY (PER FLOAT)**

**NOTE:** These figures are for reference, based on idealized geometry. The optional modification to bulkhead #14 is not addressed below, considering the degree of hand working and consumable materials involved.

Description	P/N	Weight (Lb)	Arm (Inches from Acft Datum)	Moment (in-lb)
Gear Tunnel Assembly ( <b>REMOVED</b> ) (includes tunnel top cover, P/N 13A01158-147)	13A01000-213	-5.3	208.5	-1105
Cover, Bulkhead ( <b>ADDED</b> )	13A01150-201	0.5	226	113
<b>Total</b>		<b>-4.8</b>		<b>-992</b>

**Table 1**

**Aircraft Closing & Return to Service**

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 59.