



<b>SERVICE LETTER NUMBER 159</b>			
<b>TITLE: 13000 Scuff Plate Inst.</b>			
BY: C.Schlemmer	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: J.Sortor	De Havilland DHC-6	13000	Optional Compliance S/L P/N 1008370 ECO-23996
DATE: 01/16/15			
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:  
de Havilland DHC-6 Twin Otter when equipped with Wipline model 13000 Amphibian  
and Seaplane Floats STC SA2CH.

**COMPLIANCE:**

Compliance with this service letter is optional.

**BACKGROUND:**

Wipaire has received a request from a customer to add a scuff plate to the outboard  
afterbody of the left float.

**COMPLIANCE METHOD:**

Install the parts included in this service letter in accordance with the instructions in the  
Technical Data section of this service letter.

**APPROX. SHOP HOURS:**

This service letter will take approximately 3 labor hours to complete.

**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](http://www.wipaire.com).

See figures below for details on installing the scuff plate  
See BOM below for the list of parts used when installing the scuff plate.

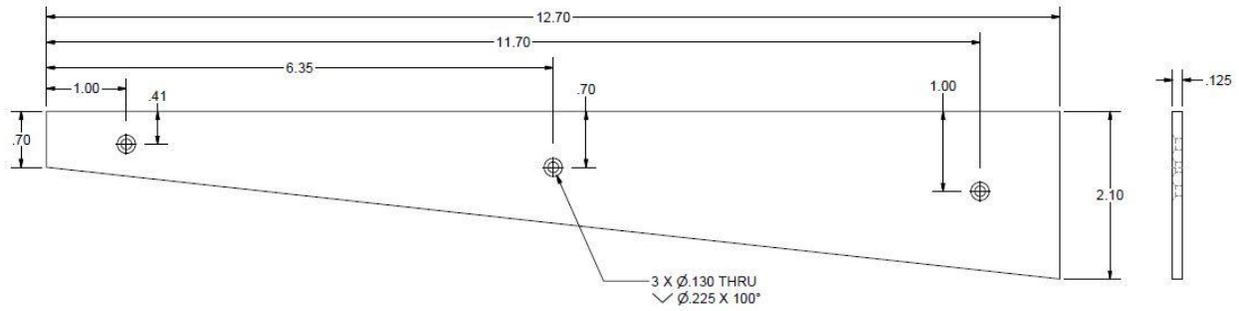
**NOTES:**

1. Upon completion of inspection, enter information in float logbook for completion of Wipaire Service Letter 159.
2. Once service letter is accomplished, please visit [www.wipaire.com](http://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:**

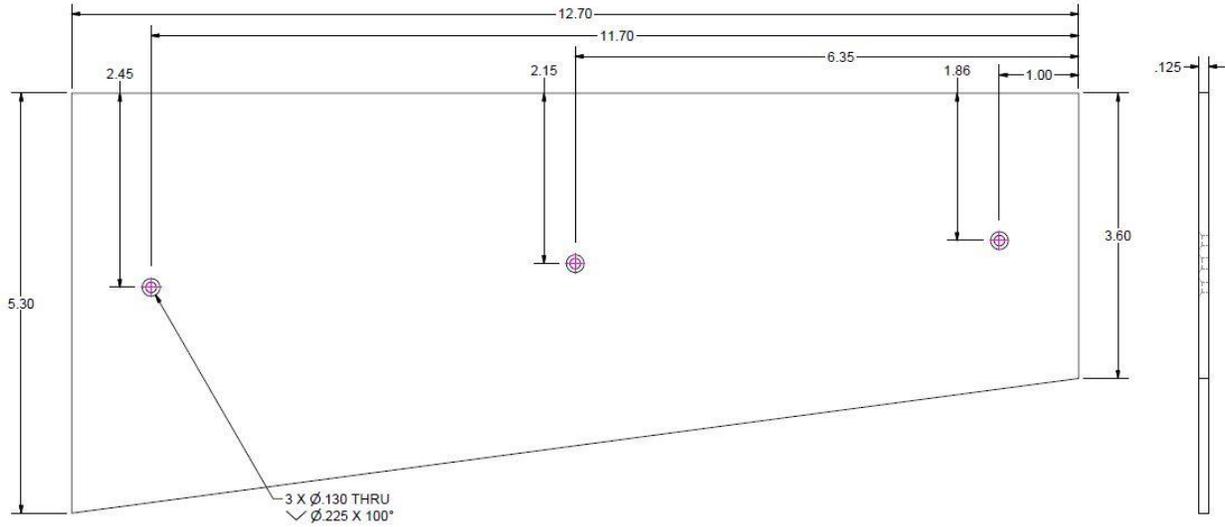
1. Secure airplane safely first before following the procedures for repair.
2. The scuff plate parts that will be installed can either be purchased from Wipaire or made per Figure 1 and 2.
3. Countersink the predrilled holes in each part of the scuff plate, so that the rivets can be double flushed. Review Figure 3 to confirm the correct side of the part is being countersunk.
4. Prime both plates prior to assembly.
5. Attach the spacer plate to the scuff plate using flat head rivets (MS20426AD4). Make sure to mount the spacer on the correct side (Figure 3), it should fit between the scuff plate and the outboard afterbody of the left float (Figure 4).
6. Place the scuff plate assembly on the float to identify the rivets that need to be removed for mounting the scuff plate.
7. Drill out six rivets that match the pattern in Figure 4.
8. Mounting holes should be drilled out to about  $\varnothing.198$ "
9. Mark the scuff plate assembly so that holes can be drilled to match the six holes that were drilled into the float.
10. Counter sink the scuff plate mounting holes so that the mounting screws sit flush.
11. Place PR-1422-B-1/2 sealant or equivalent into each hole prior to inserting screw. This step is necessary to keep the float watertight.
12. Mount scuff plate assembly to the float with screws MS24693C273, washer NAS1149DO363J and nut MS21044N3. Torque per AC43.13-1B
13. Paint the scuff plate to match float.

BOM			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1008371	PLATE, SPACER SCUFF 13000
2	1	1008372	PLATE, SCUFF 13000
3	3	MS20426AD4	RIVET – FLAT HEAD
4	6	MS24693C273	CSK SCREW
5	6	MS21044N3	NUT
6	6	NAS1149DO363J	WASHER

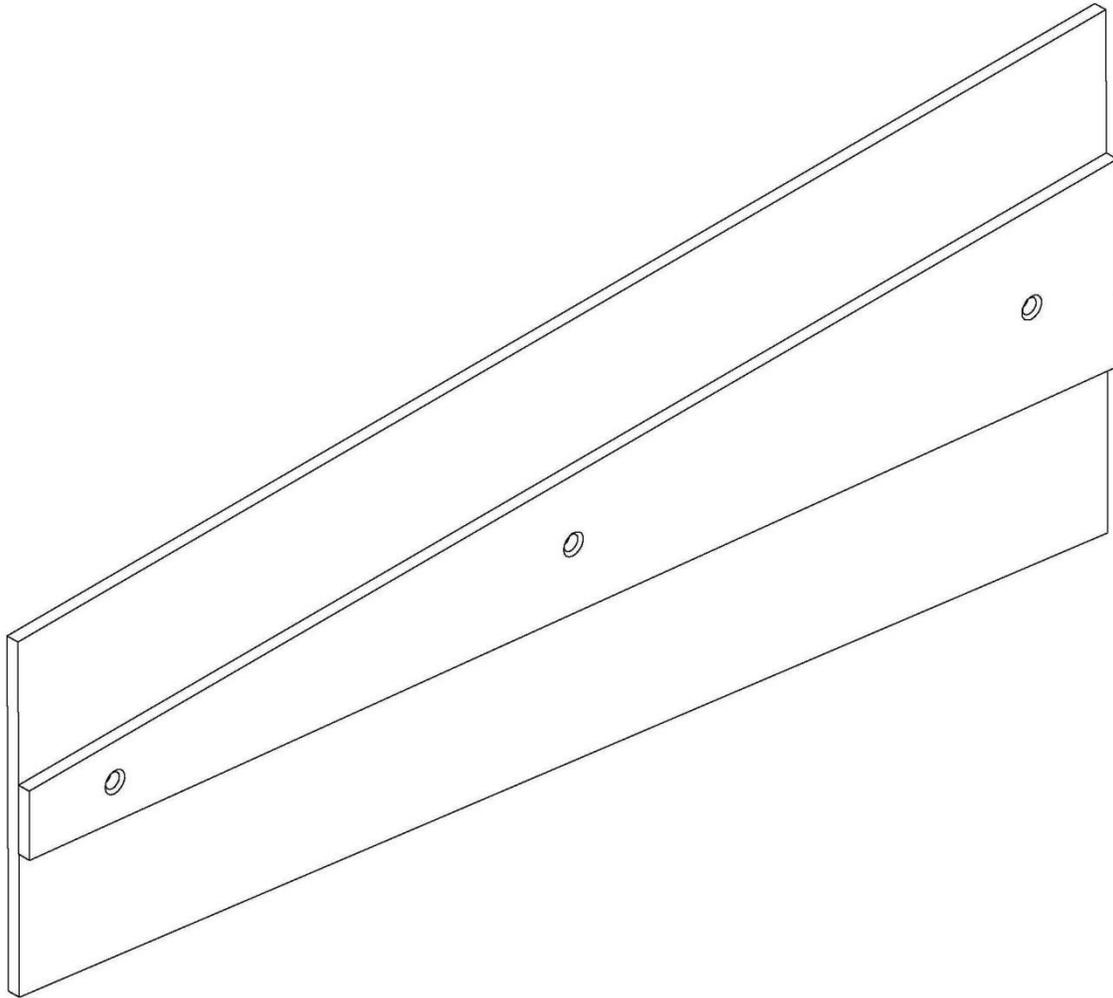


PLATE, SPACER SCUFF  
 P/N 1008371 (.125" ALUM 6061-T6)

Figure 1

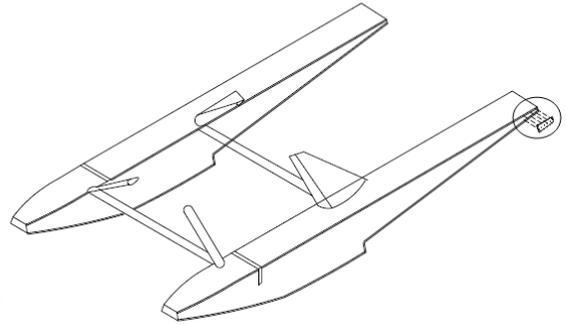
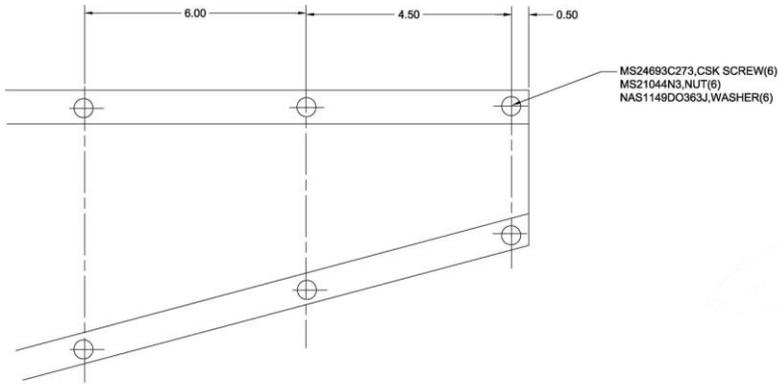


PLATE, SCUFF  
P/N 1008372 (.125" ALUM 6061-T6)  
Figure 2



SCUFF PLATE ASM.

Figure 3



OUTBOARD AFTERBODY OF LEFT FLOAT  
Figure 4

### END ###