



WIPLINE FLOATS • SKIS • MODIFICATIONS • AIRCRAFT SALES  
AVIONICS • INTERIOR • MAINTENANCE • PAINT REFINISHING

SERVICE LETTER 167  
REVISION A  
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**SERVICE LETTER NUMBER 167**  
**10000 PROBE JACK END PLUG LOOSENING**

<b>By:</b> BGLASS	<b>Aircraft Makes/Model(s):</b> AT802A AT802 (2-Place)	<b>Float Model(s):</b> 10000A	<b>Note(s):</b> Mandatory Compliance Service Letter P/N 1008745
<b>Approved:</b> JRS			
<b>Date:</b> 5/5/2016			
<b>Rev:</b> 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: AT802/AT802A with Wipline 10000 Amphibious Floats installed per STC SA01795CH

**COMPLIANCE:**

Mandatory inspection. Inspect probe jack end plug for loosening. If loosened, mandatory compliance to service letter 167 is required. If not loose, compliance to service letter 167 is optional

**BACKGROUND:**

Hydraulic leak near the probe jack cylinder in the float have been reported. Upon further investigation, Wipaire have found that the end plug on the probe jack is coming loose

**COMPLIANCE METHOD:**

If signs of loosening are found on the end plug, safety wire probe jack cylinder front and end plugs as instructed in the work instructions of this service letter

**APPROXIMATE SHOP HOURS:**

Probe jack end plug removal and safety wiring will take approximately 3 hours per float

**WARRANTY INFORMATION:**

Parts and labor not included for this modification

**TECHNICAL DATA:**

Copies of this service letter, associated service kit, float service manual, and float parts manual are available at [www.wipaire.com](http://www.wipaire.com)

See photos and figures below for details to aid in performing this modification

For basic float model maintenance information, see applicable Wipaire service manual at [www.wipaire.com](http://www.wipaire.com)

For basic float model parts information, see applicable Wipaire parts manual at [www.wipaire.com](http://www.wipaire.com)

## WORK INSTRUCTION

1. Remove (2) AN6-41A bolts and set aside for reinstallation of the probe jack cylinder



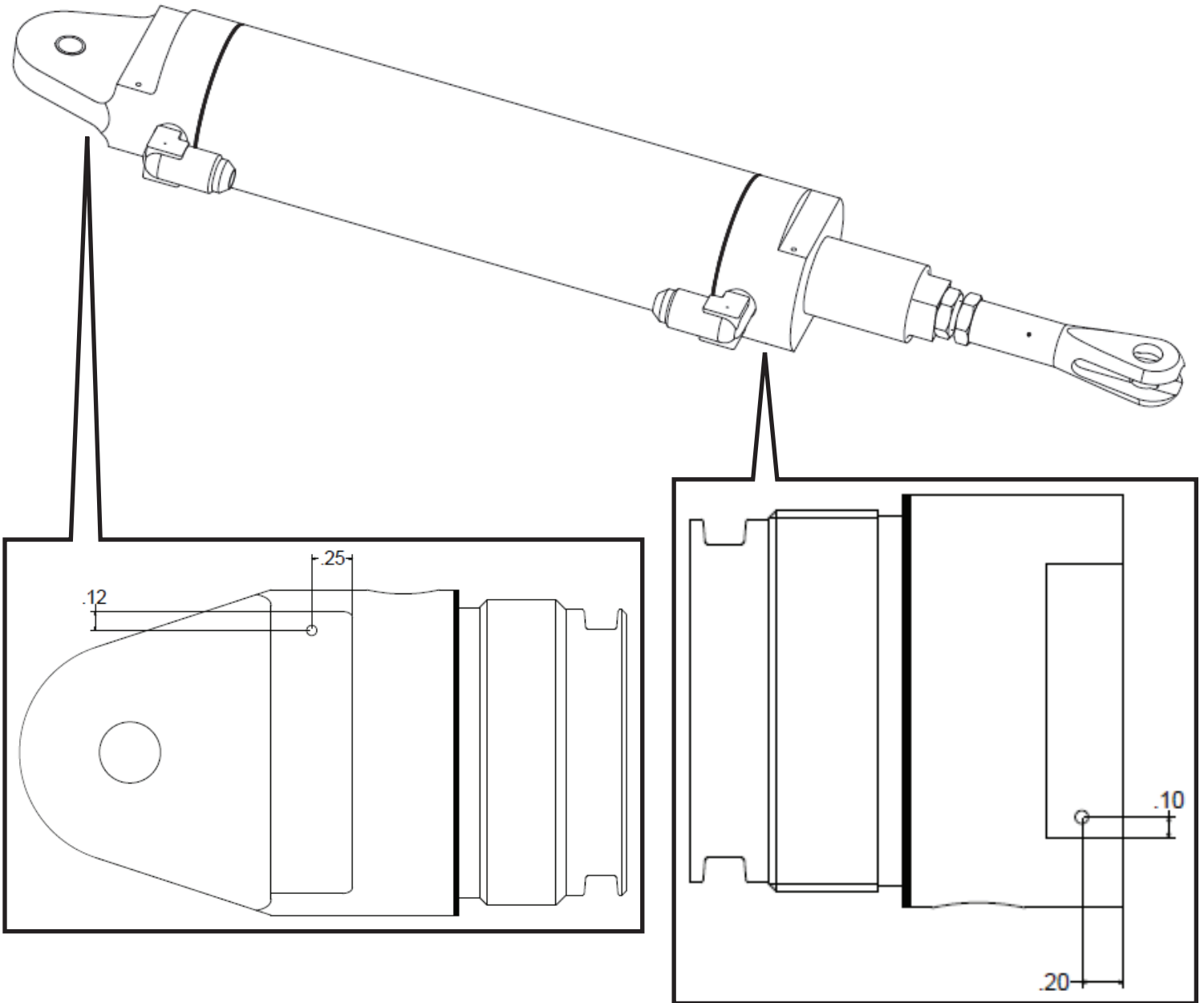
2. Gain access to the scoop tunnel assembly through the baggage compartment and by removing bulkhead 14 access panel

**NOTE:** If applicable, remove foam tank assembly from baggage compartment



3. Remove the scoop tunnel assembly top covers to gain access to the probe jack cylinder assembly
4. Relieve any residual pressure and disconnect the 2 hydraulic lines
5. Remove the probe jack cylinder assembly
6. If loose, tighten both plugs by securing probe jack cylinder in a stationary device and tightening both plugs firmly

7. Drill (2) 0.063" holes through probe jack end plug and probe jack front plug where shown



8. Attach 0.032" safety wiring through holes in a tightening direction
9. Reinstall probe jack cylinder assembly
10. Cycle scooping system checking for interference and make any adjustment as required per applicable service manual
11. Reassemble float as to return to service

NOTES:

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 167
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"