



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

SERVICE LETTER NUMBER 173
10000 BULKHEAD 7 STIFFENER ADDITION

By: RCG	Aircraft Makes/Model(s): AT-802 AT-802A	Float Model(s): 10000A	Note(s): Mandatory Compliance Service Letter P/N 1009163 ECO 24821
Approved: JRS			
Date: 8/16/2017			
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: Air Tractor models AT802 and AT802A with Wipline 10000A Fireboss Amphibious Floats S/N 10172 and prior installed per STC SA01795CH

COMPLIANCE:

Mandatory compliance

BACKGROUND:

Some floats have been experiencing buckling in bulkhead 7. A stiffener has been added to the bulkhead to provide more strength

COMPLIANCE METHOD:

Install provided parts as shown in the Work Instruction section of this service letter. Depending on the condition of the bulkhead, the part will be installed as a doubler, or as a stiffener

APPROXIMATE SHOP HOURS:

Installing the stiffeners to each bulkhead will take approximately 4 labor hours to complete per float

WARRANTY INFORMATION:

This service letter does not include warranty for labor and parts

TECHNICAL DATA:

Copies of this service letter, associated service kit, float service manual, and float parts manual are available at www.wipaire.com

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

See Table 1 below for a list of parts included in the service kit

For basic float model maintenance information, see applicable Wipaire service manual at www.wipaire.com

For basic float model parts information, see applicable Wipaire parts manual at www.wipaire.com



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ITEMS PROVIDED IN SERVICE KIT (1 SET OF FLOATS)

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1009299	LH BULKHEAD 7 PANEL STIFFENER
2	2	1009300	RH BULKHEAD 7 PANEL STIFFENER

WORK INSTRUCTION

1. Gain access to the bulkhead 7 assembly by removing 3rd access cover shown



2. Inspect bulkhead 7 for cracking



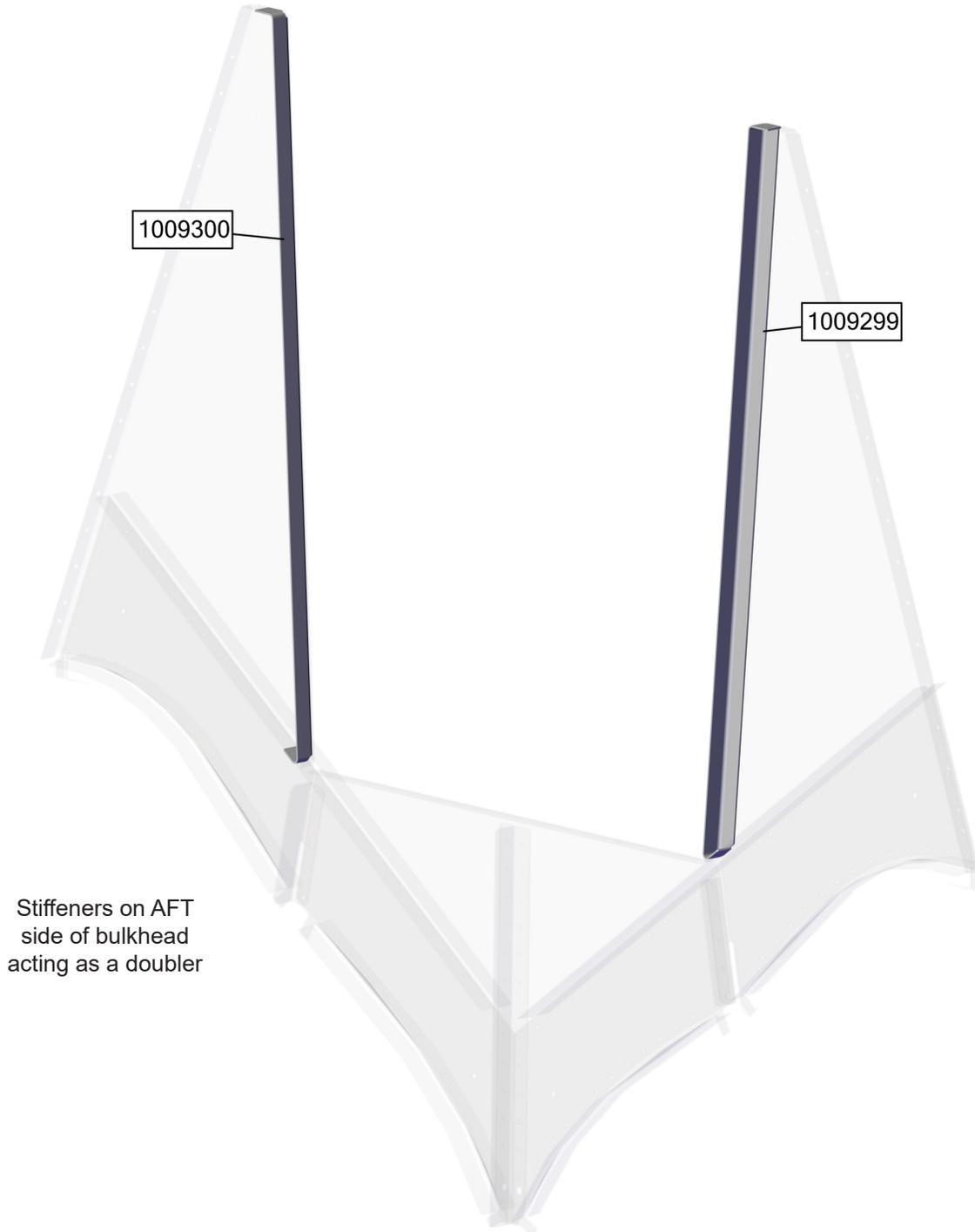
Example of cracking in bulkhead 7. The damage is not limited to the area shown. Thoroughly check all of bulkhead 7.

3. If cracking is found in bulkhead 7, perform **method A** for repair. If no cracking is found in bulkhead 7, perform **method B** to prevent cracking

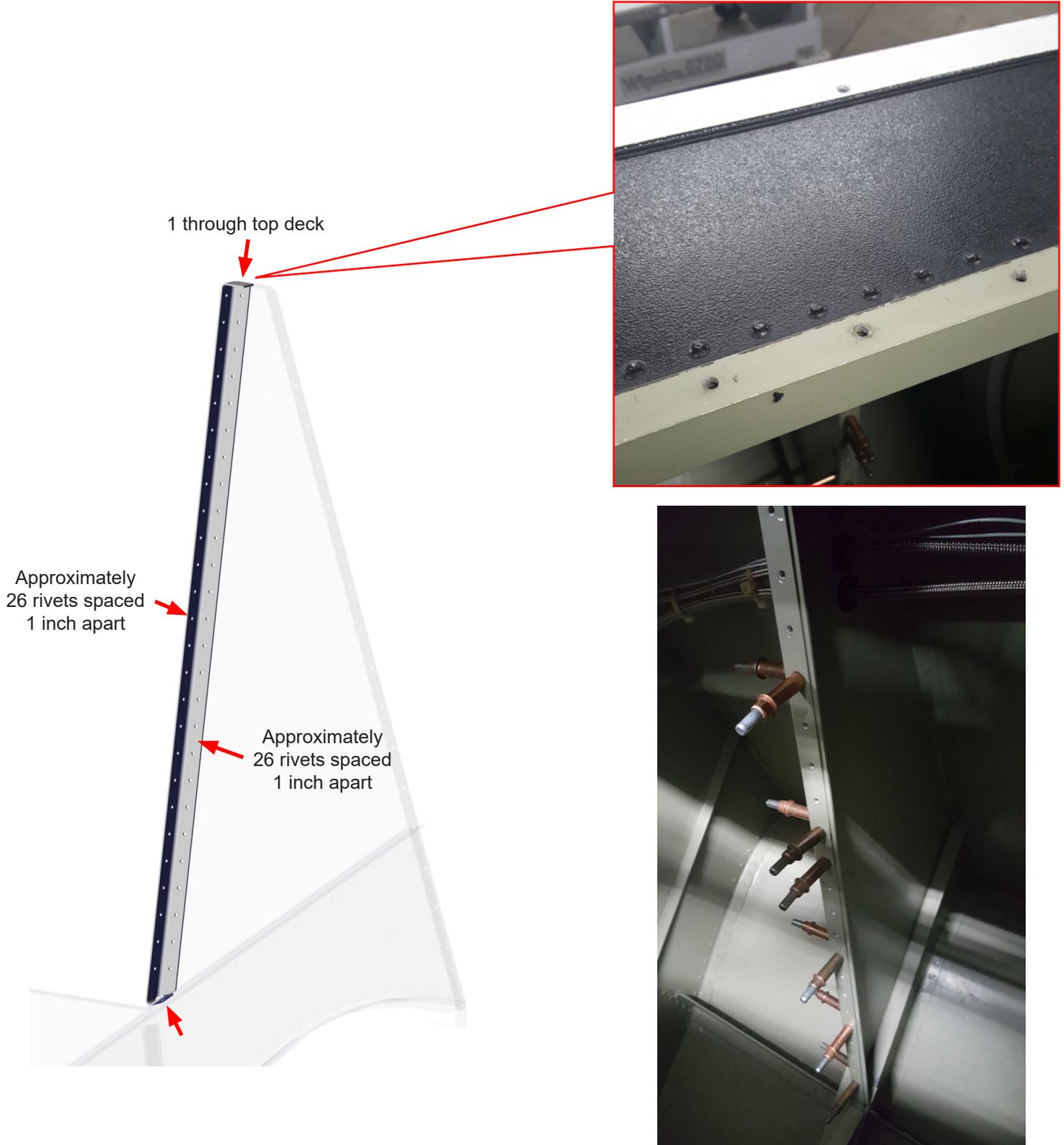
METHOD A

Perform method A if bulkhead 7 has cracks

1. Place left and right stiffeners on AFT side of bulkhead as shown



2. Match drill stiffeners to bulkhead 7 and cleco into place as shown



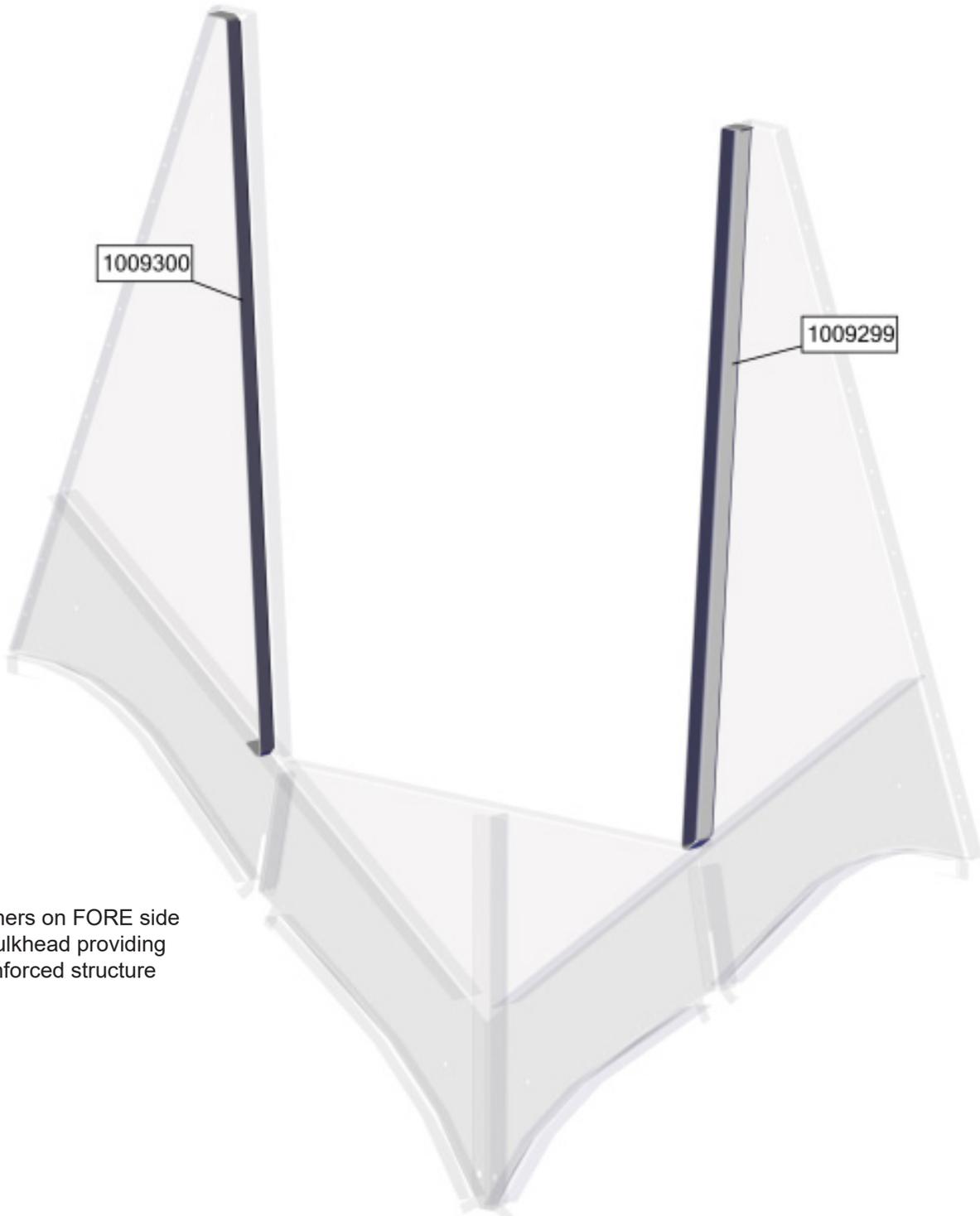
3. Rivet stiffeners in place as shown



METHOD B

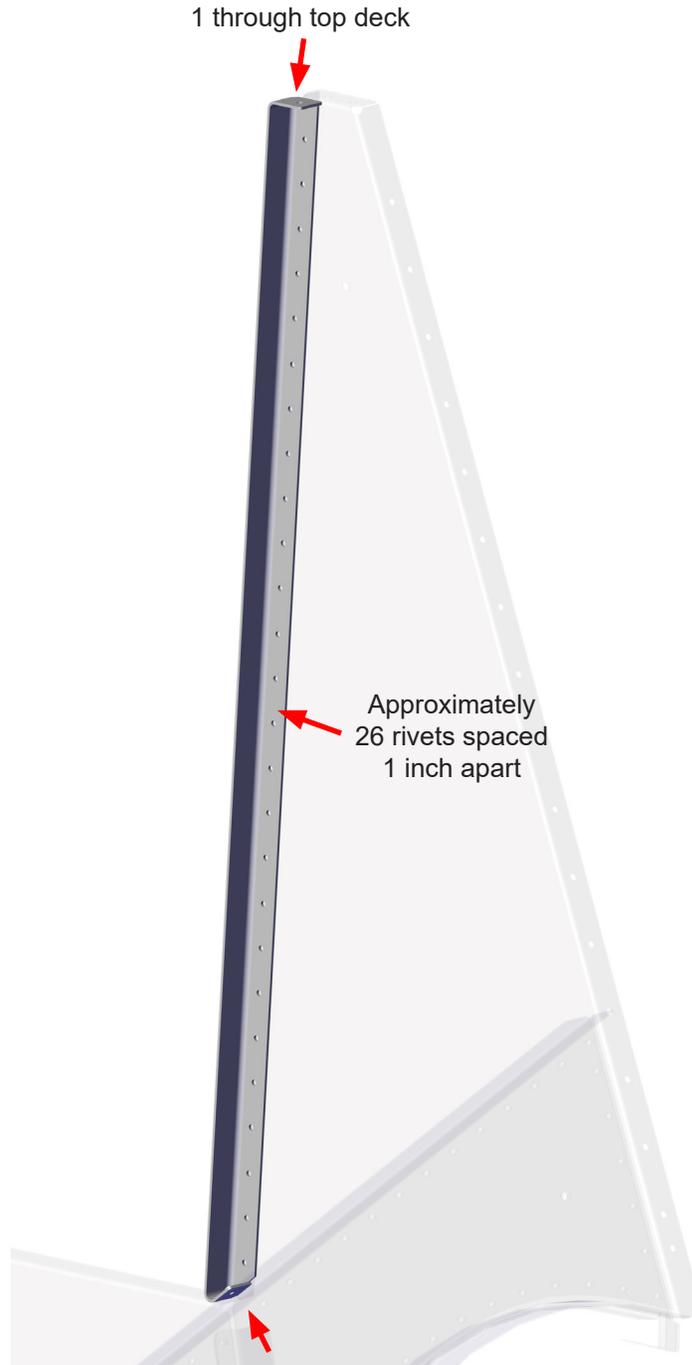
Perform method B if bulkhead 7 has no cracks

1. Place left and right stiffeners on FORE side of bulkhead as shown



Stiffeners on FORE side
of bulkhead providing
reinforced structure

2. Match drill stiffeners to bulkhead 7 and cleco into place



3. Rivet stiffeners in place as shown



4. Reinstall access covers

NOTES:

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 173
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"