



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

**SERVICE LETTER NUMBER 172**  
**8750A BULKHEAD 9 CRACKING**

<b>By:</b> RCG	<b>Aircraft Makes/Model(s):</b> Cessna 208 Cessna 208B	<b>Float Model(s):</b> 8750A	<b>Note(s):</b> Mandatory Compliance Service Letter P/N 1008990 ECO 25123
<b>Approved:</b> JRS			
<b>Date:</b> 6/21/2017			
<b>Rev:</b> B			

**LOG OF REVISIONS**

Revision	Description	Date
A	Initial release	10/27/2016
B	<ul style="list-style-type: none"><li>Added (4) 1006513 nylon nutplates to kit instead of reusing removed ones</li><li>Changed kit to be per set of floats instead of per float</li></ul>	6/21/2017

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

**EFFECTIVITY:**

This service letter applies to: Cessna 208 and Cessna 208B with Wipline 8750 Amphibious Floats SN 87174 and prior installed per STC SA1311GL

**COMPLIANCE:**

Mandatory compliance

**BACKGROUND:**

Cracking has been found on the 1006080 Bulkhead 9 Main Panel. The 1003690 Vertical Stiffeners have been revised to include a flange that will be riveted to the Horizontal Stiffeners for additional support

**COMPLIANCE METHOD:**

Inspect bulkhead 9 and install the parts included in this service letter in accordance with the Work Instruction section of this service letter. If cracks are found on the 1006080 Bulkhead Main Panel, contact Wipaire Customer Service to receive additional instruction for repair

**APPROXIMATE SHOP HOURS:**

Replacing the 1003690 Vertical Stiffeners will take approximately 3 hours per float

**WARRANTY INFORMATION:**

Labor not included for this modification. Hardware provided with service kit

**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

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



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**ITEMS PROVIDED IN SERVICE KIT (PER SET OF FLOATS)**

ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	1003690	Bulkhead 9 Access Panel Vertical Stiffener
2	48	AN526-832R6	Truss Head Machine Screw
3	8	1006513	Nylon Nutplate

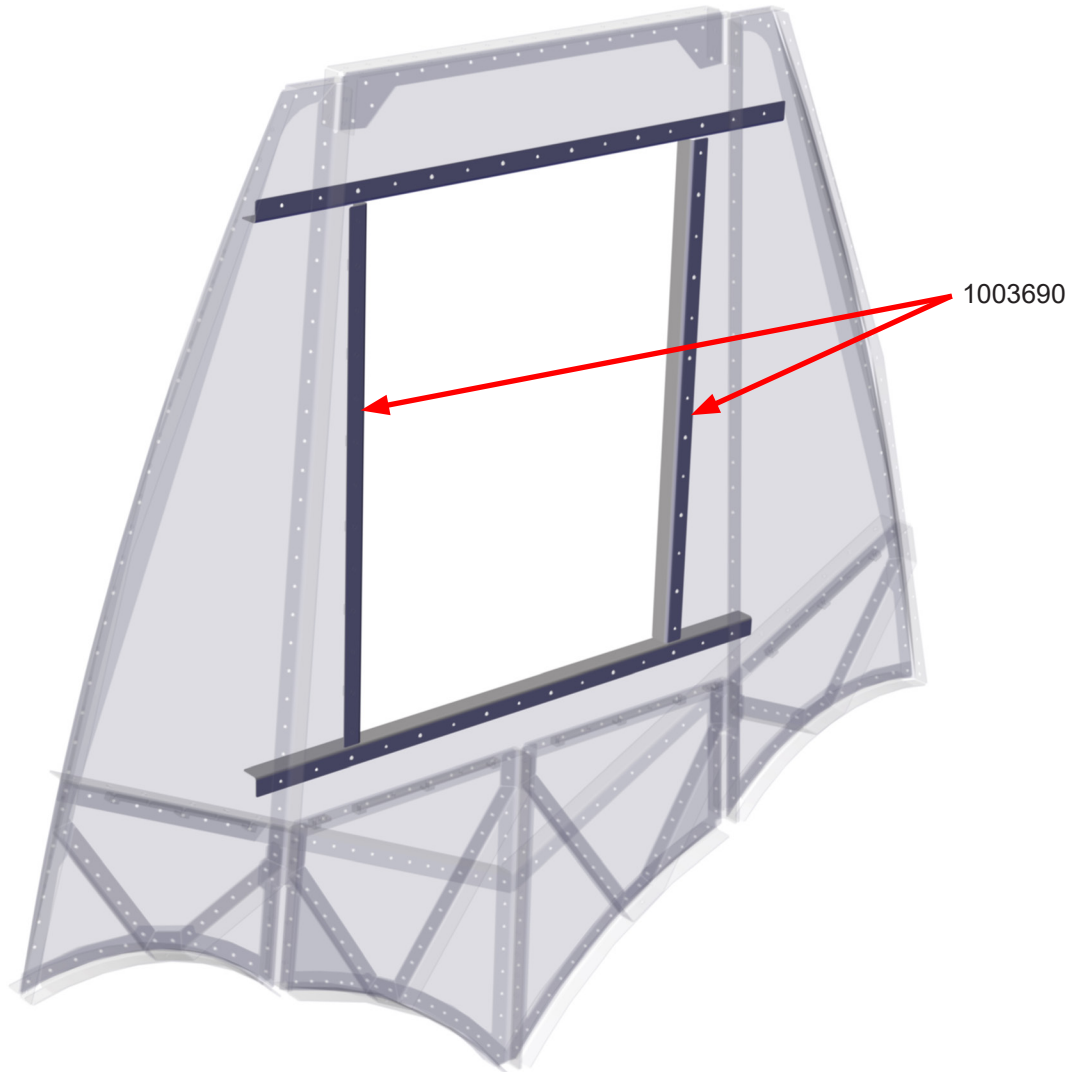
**TABLE 1**

Reference the following documents for instruction pertaining to inspection and repair when completing the following tasks:

- AC43.13-1B or later FAA approved revision guidelines
- Structural Repair Manual for Wipline Aluminum Floats Wipaire part number 1008274

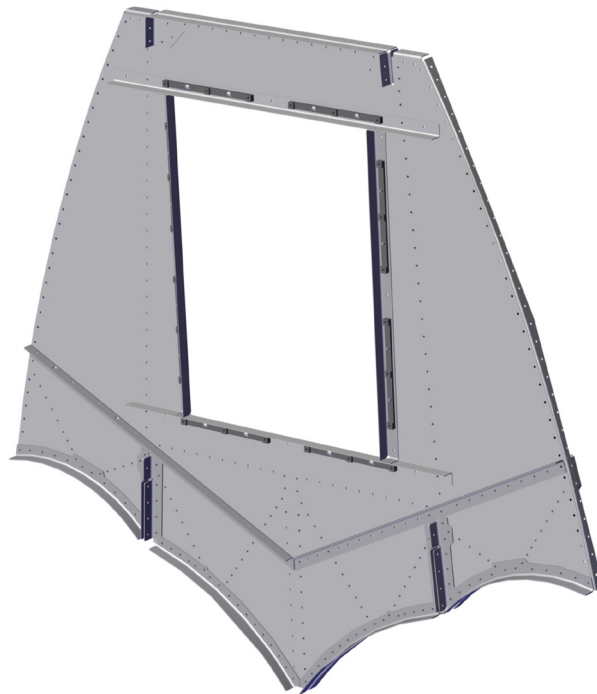
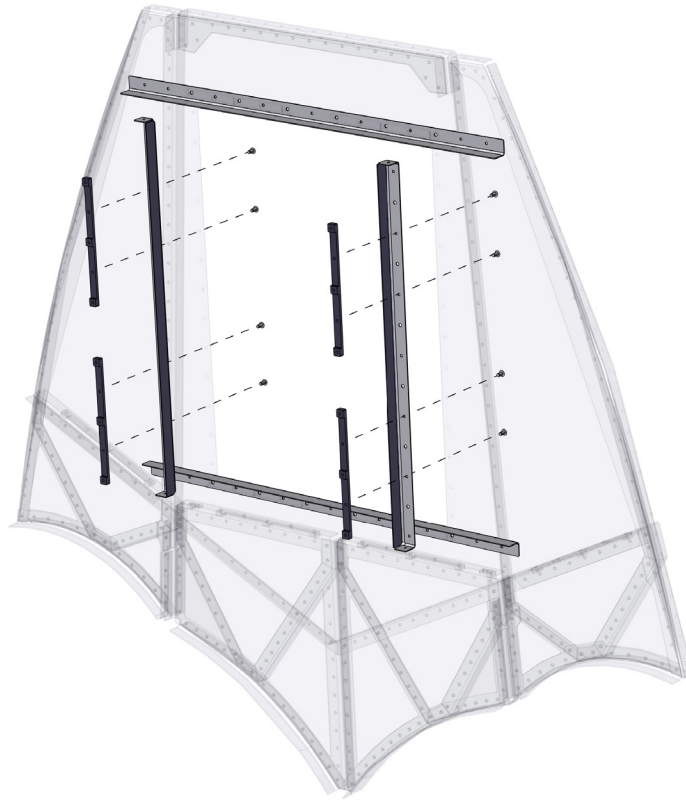
## WORK INSTRUCTION

1. Gain access to the bulkhead 9 assembly through the aft baggage compartment and remove 1003688 Bulkhead 9 Access Panel. Discard (24) AN526-832R6 screws
2. Drill out (2) 1003690 Vertical Stiffeners

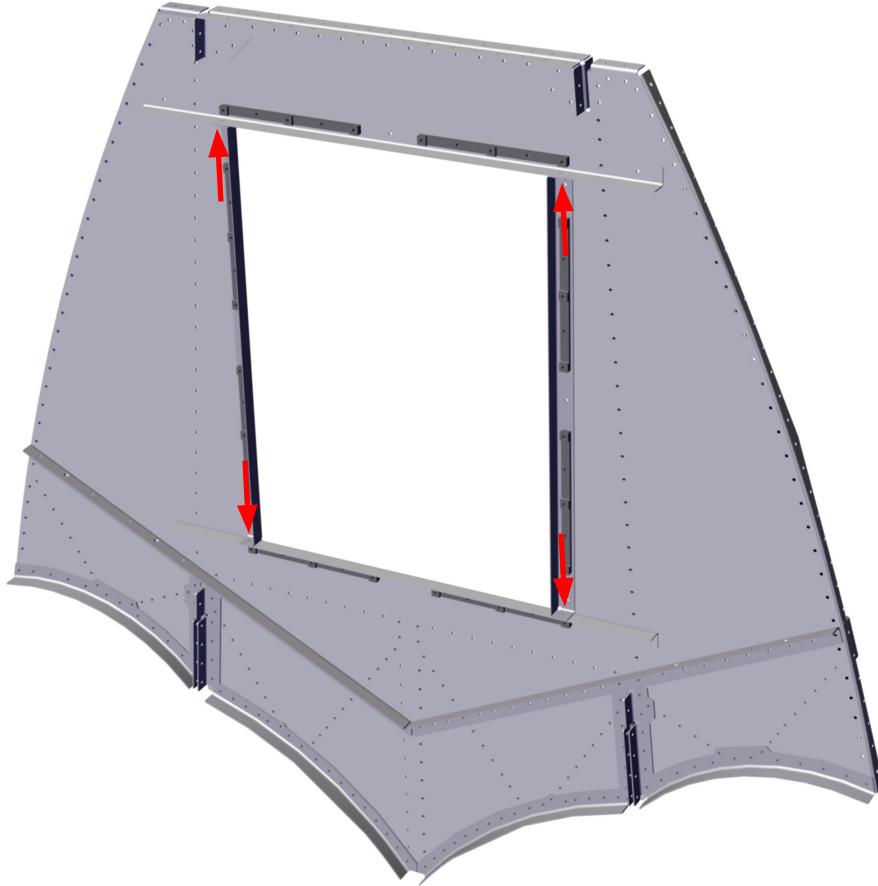


3. Inspect 1006080 Bulkhead Main Panel for cracking. If cracking is found, contact Wipaire Customer Service to receive additional instruction for repair. If no cracking is found, proceed to the next step

4. Remove (2) 1006513 Nylon Nutplates from each 1003690 Vertical Stiffener (4 total)
5. Position (2) revised 1003690 Vertical Stiffeners and (4) new 1006513 Nylon Nutplates where shown. Cleco in position and rivet through 1006080 Bulkhead 9 Main Panel



6. Backdrill through the 1003689 Horizontal Stiffeners in the 4 locations shown using a #30 drill bit



7. Rivet 1003689 Horizontal Stiffeners to 1003690 Vertical Stiffeners in the locations previously drilled
8. Reinstall 1003688 Bulkhead 9 Access Panel using Crest Midwest Industries Black Strip Caulk P/N CRSXSB (or equivalent) and new (24) AN526-832R6 screws

#### NOTES:

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 172
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"