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SERVICE LETTER 181

7000A BULKHEAD 16 GUSSET BRACKET REPLACEMENT

Aircraft Makes/Model(s):	Float Model(s):	Compliance: Optional	By: RCG
Quest Kodiak 100	7000A	Part Number: 1009425	Approved: CAS
		Date: 11/27/2018	Revision: A

LOG OF REVISIONS

Revision	Description	Date
A	Initial release	11/27/2018

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

EFFECTIVITY:

This service letter applies to: Quest Kodiak 100 with Wipline 7000 amphibious floats installed per STC SA02848CH

COMPLIANCE:

Compliance with service letter 181 is optional

BACKGROUND:

Cracks have been found on bulkhead 16 when the floats have been beached. The gussets attached to the bulkhead are being replaced with longer gussets

COMPLIANCE METHOD:

Inspect bulkhead 16 per Work Instruction section of this service letter. Replace any damaged components and replace the gusset brackets with new brackets provided

APPROXIMATE SHOP HOURS:

If no damage has been found on bulkhead 16, replacement of the gusset brackets should take about 4 hours per float set

WARRANTY INFORMATION:

This service letter does not include warranty for labor and parts

TECHNICAL DATA:

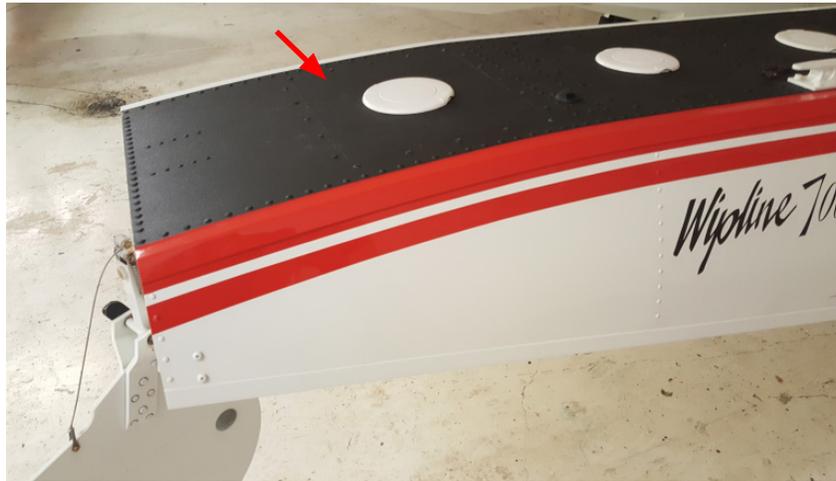
Copies of this service letter, associated service kit (if applicable), float service manual, and float parts manual are available at www.wipaire.com

ITEMS PROVIDED IN SERVICE KIT 1009425-01 (PER FLOAT SET)

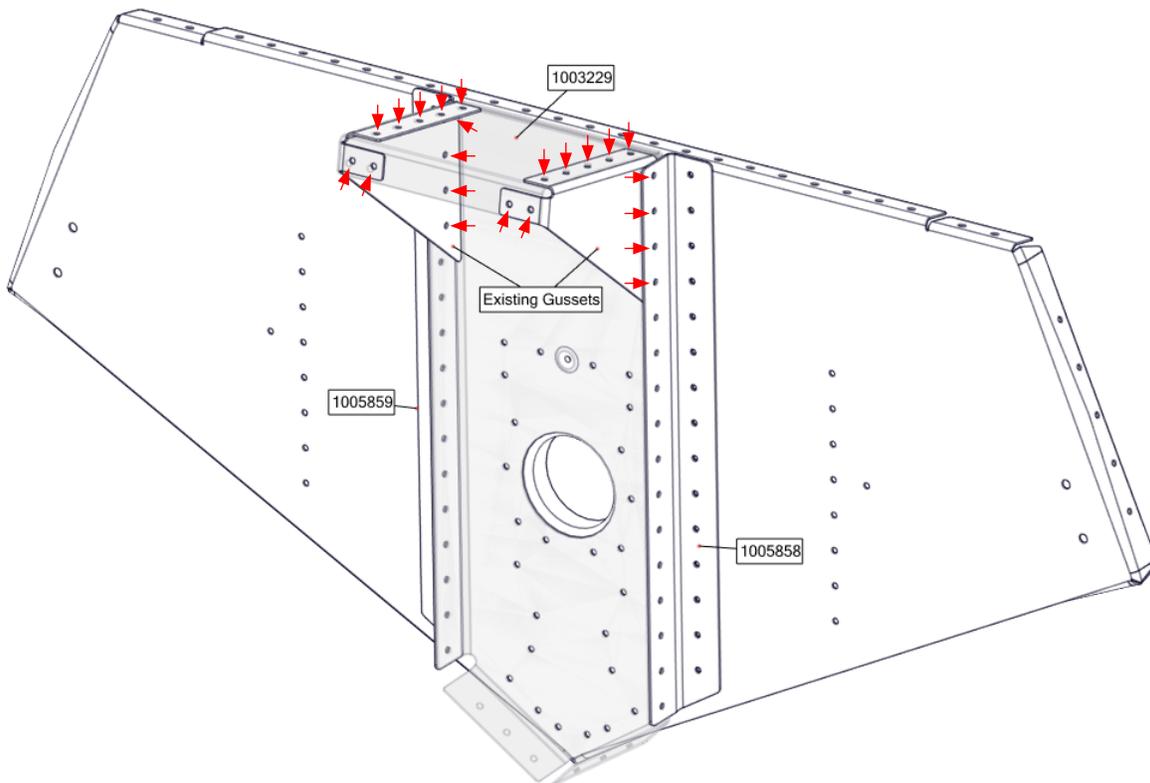
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1003601	GUSSET, LEFT, WATER RUDDER BRACKET
2	2	1003602	GUSSET, RIGHT, WATER RUDDER BRACKET

WORK INSTRUCTION

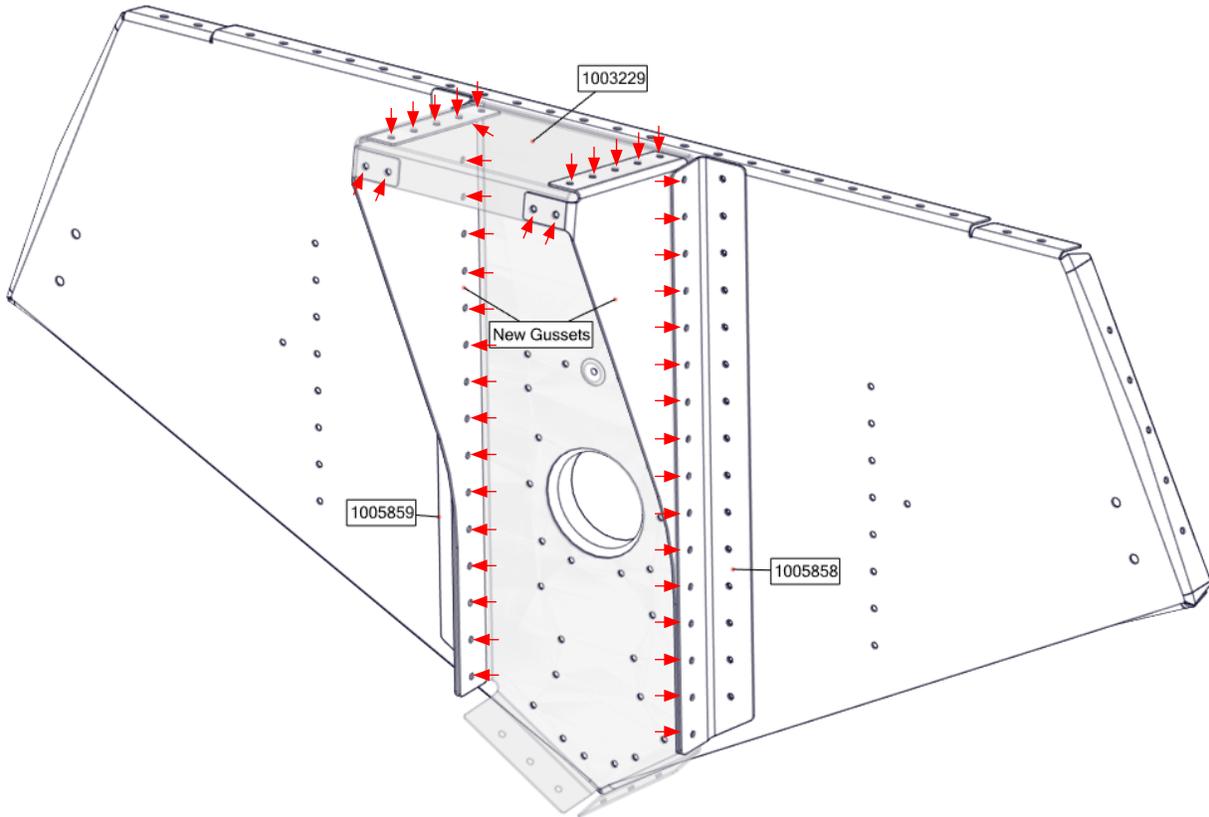
1. Weight the front of the floats or support the back of the floats to prevent floats from tipping while working at the back
2. Gain access to bulkhead 16 by removing aftmost access cover



3. Drill out rivets that attach the existing gussets to the top deck (not shown), 1003229 water rudder pivot doubler, and 1005858 and 1005859 water rudder doubler angle supports as shown



4. Remove existing gussets and rivet new gussets where shown



5. Replace access cover, remove weight from front of the floats (if applicable), and prepare aircraft for return to service
6. Upon completion of inspection, enter information in Aircraft Logbook for completion of this Wipaire service letter
7. 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"