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 AVIONICS • INTERIOR • MAINTENANCE • PAINT REFINISHING

SERVICE LETTER NUMBER 178
8000 BAGGAGE COMPARTMENT TIE-DOWN

By: RCG	Aircraft Makes/Model(s): Dehavilland DHC-3 Cessna 208 Series	Float Model(s): 8000S 8000A	Note(s): Optional Compliance Service Letter P/N 1009447 ECO 25045
Approved: JRS			
Date: 5/4/2017			
Rev: A			

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

EFFECTIVITY:

All 8000 model floats

COMPLIANCE:

Optional compliance

BACKGROUND:

Tie-down rings have been created for the 8000 model floats for baggage to be strapped down

COMPLIANCE METHOD:

Install kit per Work Instruction section of this manual

APPROXIMATE SHOP HOURS:

Installing 1 kit will take approximately 2 labor hours to complete

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 photo 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

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1009445	Doubler
2	2	3076T13	Tie-down Ring
3	2	MS21044N6	Nut
4	4	NAS1149F0616P	Washer
5	2	AN6-7A	Bolt
6	1	8835T96	Elastic Tie-down cord
7	14	MS20470AD4-5.5	Rivets

TABLE 1

NOTE: 1 kit provides hardware to complete 1 bulkhead (inboard and outboard side). A total of 4 kits are needed to install tie-down rings at each bulkhead in both baggage compartments on 1 float. Reference figure 1.

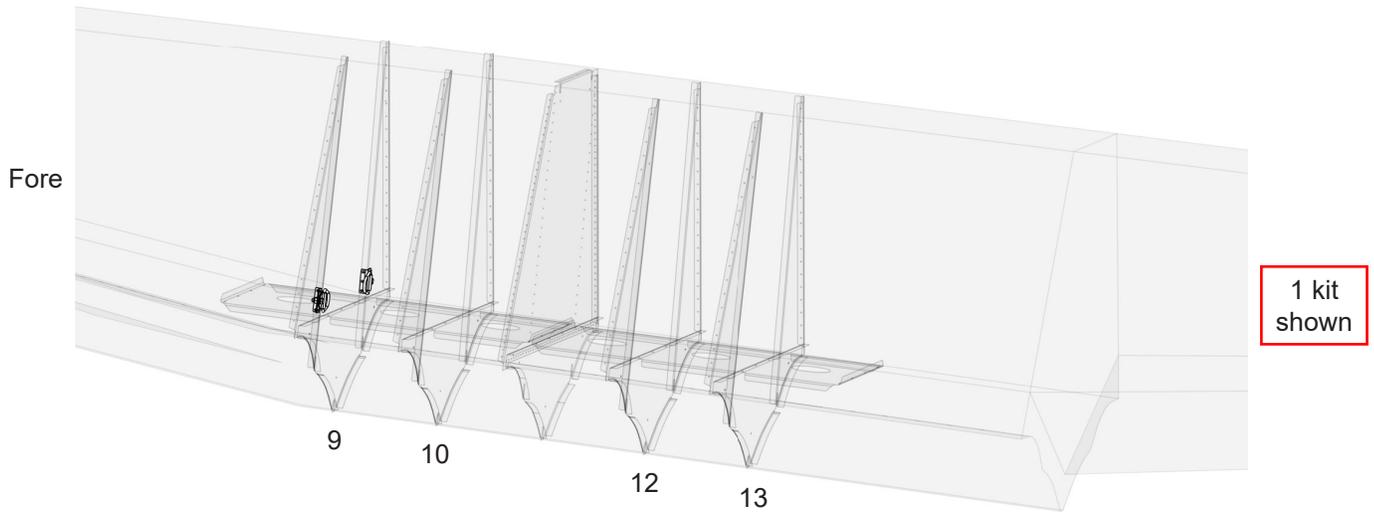
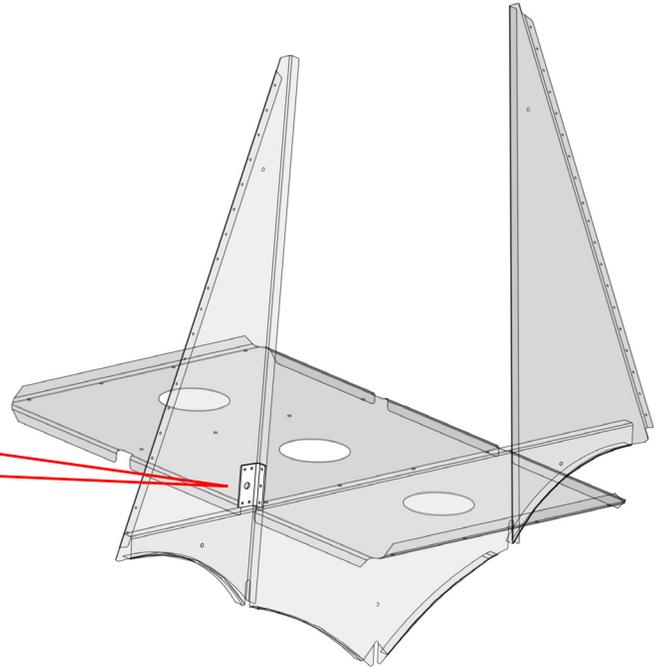
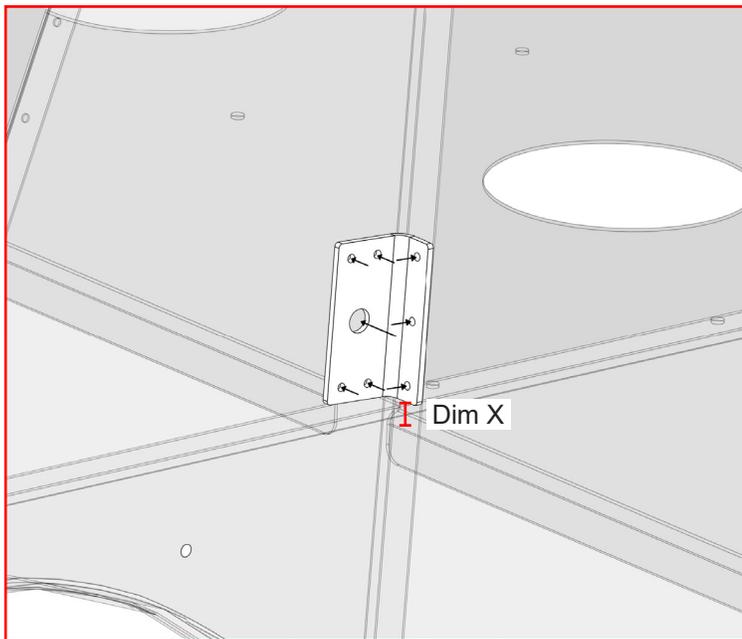


FIGURE 1: APPLICABLE BULKHEAD ASSEMBLIES

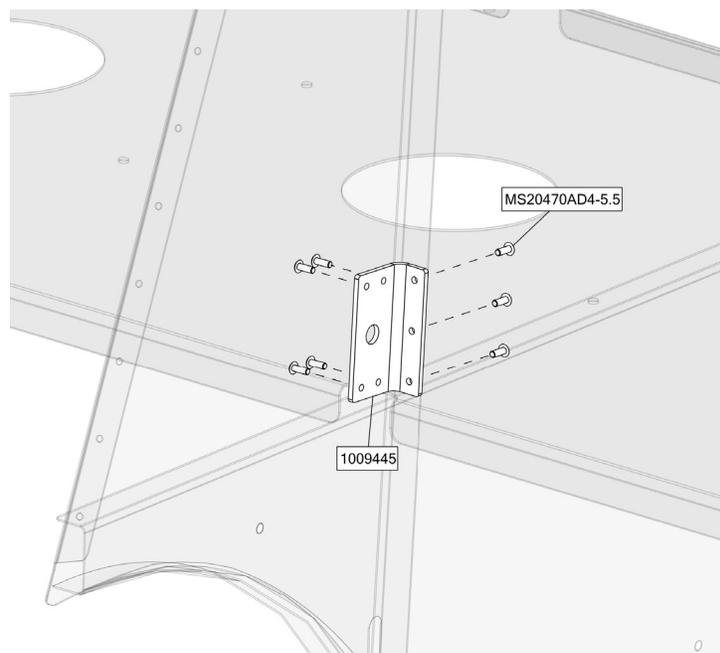
WORK INSTRUCTION

1. Gain access to bulkheads 9, 10, 12, and 13 through the top deck baggage doors
2. Match drill doubler 1009445 to fore side of bulkhead inside of flange as shown



Dim X is recommended approximately .5" from the bottom of the doubler to the top of the baggage floor but may vary per installer discretion

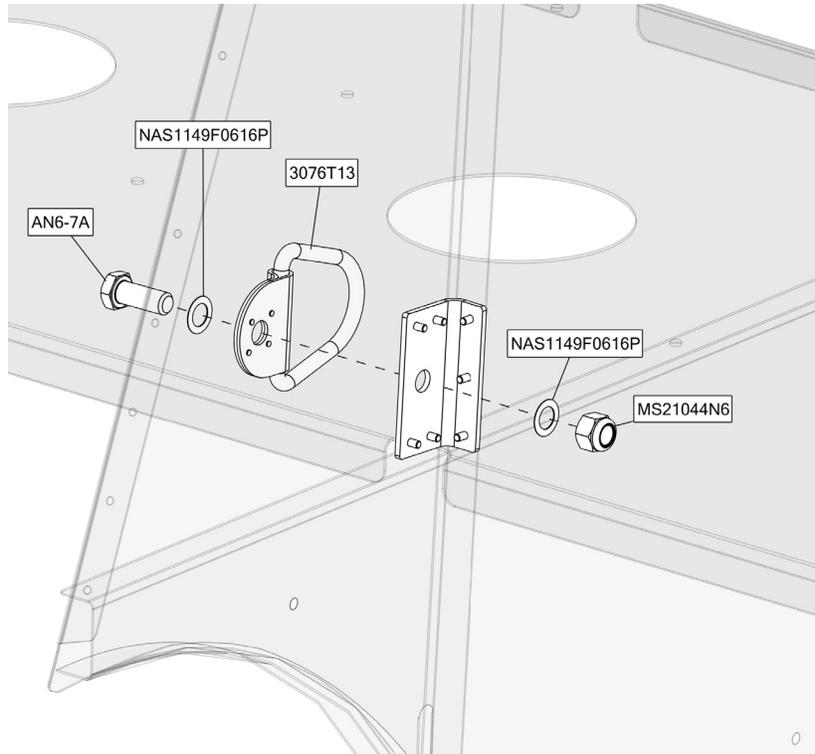
3. Rivet doubler 1009445 in place as shown



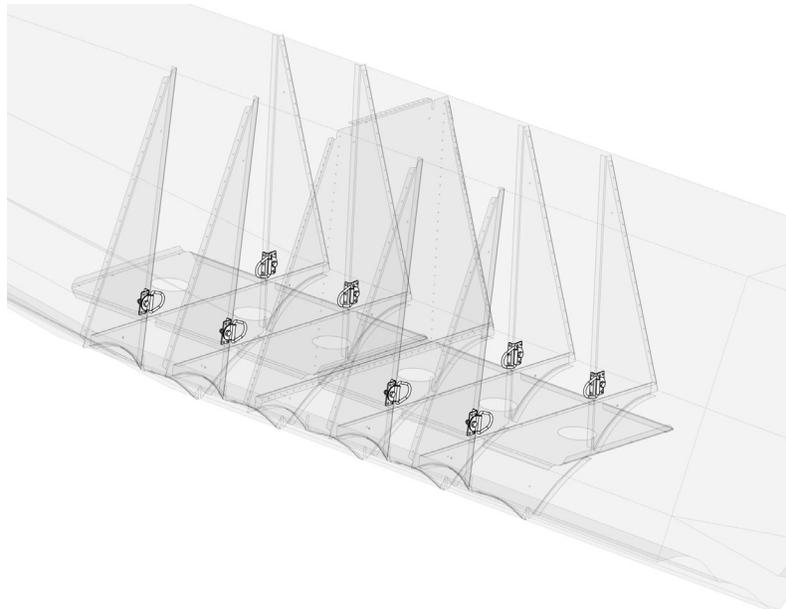


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4. Install tie-down kit as shown



5. Repeat as needed per quantity of kits purchased



NOTES:

1. Upon completion of inspection, enter information in Aircraft Logbook for completion of Wipaire Service Letter 178
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"