



SERVICE KIT NUMBER 81			
TITLE: BOW BULKHEADS, LOWER FLANGE REINFORCEMENT			
BY: K. TAYLOR	AIRCRAFT MAKE/MODEL(S): CESSNA 208, CARAVAN VIKING DHC-3, OTTER	FLOAT MODEL(S): 8000S AND 8000A	NOTE(S): OPTIONAL COMPLIANCE S/K P/N 1005510 ECO 22250
APP: R. ADLER			
DATE: 26-SEP-11			
REV: N/C			

FAA APPROVAL HAS BEEN OBTAINED FOR TECHNICAL DATA IN THIS PUBLICATION THAT AFFECTS STC OR TSO DESIGN COMPLIANCE

EFFECTIVITY:

This service kit applies to all S/N Wipline model 8000A/S, amphibian and seaplane floats, as installed on Cessna 208 Caravan and Viking DHC-3 Otter aircraft. This service kit applies to aircraft equipped with the following STCs:

STC SA270CH, SA149CH, or SA1311GL – Model 208 with 8000 seaplane or amphibian floats at 600 or 675 HP

STC SA331CH – Viking DHC-3 with model 8000 seaplane or amphibian floats

COMPLIANCE:

Compliance is optional, and is recommended for aircraft operating regularly in rough water conditions.

BACKGROUND:

Certain aircraft operated in rough water regularly may experience cracking of the lower bulkhead flanges on the bow area of the float. This service kit and associated letter reinforce the lower bulkhead flanges of the bow bulkheads to assist in load transfer and reduce probability of cracking as a result of operations on rough water.

TECHNICAL DATA:

See Service Letter (SL) number 125 for technical accomplishment instructions.



KIT CONTENTS:

The following parts are included in this service kit:

1. 6 each, P/N 1005147, doubler, repair, support panel, bulkhead 11-16, LH
2. 6 each, P/N 1005146, doubler, repair, support panel bulkhead 11-16, RH

The following materials will be required to accomplish the service letter instructions, and are not included with this kit:

1. ¼ lb, rivets, MS20470AD4-5, universal head. Rivet lengths may be varied on dash number as required.
2. Sealant, approximately 4 oz, Pro-Seal P/N 890-B2 or -B4 or Sikaflex P/N 201 or 252, or equivalent.

NOTES:

(none)

END