SERVICE LETTER NUMBER 129			
TITLE: CESSNA 208 DRAIN HOLE SCUPPERS			
BY: J. SORTOR	AIRCRAFT MAKE/MODEL(S):	FLOAT MODEL(S):	NOTE(S):
APP: D. GARRETT			SEE EFFECTIVITY
DATE: 3/29/2012	Cessna Caravan 208	8000A/S	S/L P/N 1005785
REV: A			ECO--22744

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

EFFECTIVITY:

Mandatory for all Cessna 208 on floats with G-1000 Avionics Panel. All other 208 models optional.

BACKGROUND:

Water may enter via the 8 drain holes in the aircraft belly near FS 308.00 and cause G-1000 unit to malfunction or create other electrical problems in the vicinity.

COMPLIANCE METHOD:

Install Cessna P/N 0823337-2 or Wipaire P/N 1004307 "Scupper" per these Service Letter instructions. Parts can be purchased at the local Cessna Service Center or Wipaire, Inc. Parts Department.

APPROX. SHOP HOURS:

This Service Letter will take approximately 2 labor hours to complete.

WARRANTY INFORMATION:

None

TECHNICAL DATA:

1. Locate 8 drain holes on the aircraft belly skin near FS 308.00 (Figure 1). Location and placement of holes may vary.
2. Measure and drill #30 (1/8 inch) holes (Figure 2).
   a. If scupper spans the lap joint in skins, a shim of proper thickness and material may be required with proper corrosion protection.
   b. Seal between grommet and aircraft skin if necessary with silicone or similar sealant. Ensure the drain hole is NOT blocked with sealant.
3. Install the scupper with #4 rivets of appropriate length.
4. Prime and paint as desired

NOTE:

All work should be done in compliance with AC 43.13

Figure 1

Figure 2

Copies of this service letter, float service manual, modification drawing, and float parts manual are available on the website www.wipaire.com.

NOTES:

After completion of the instructions in this service letter, make an entry as such in the aircraft logbook in accordance with your local Civil Aviation Regulations. Wipaire considers the weight and balance change to be negligible for this modification.

END