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## Service Bulletin

### Subject:

Fuel Boost Pump Drain re-positioning.

### Applicability:

GA8-02-012, GA8-TC 320-02-16, GA8-TC 320-03-25 and all GA8/GA8-TC 320 models from GA8-08-128 up to GA8-TC 320-11-167.

### Amendments:

Nil (initial issue).

### Background:

Current production aircraft incorporate a fuel boost pump drain which exits the fuselage outboard of belly stiffener. Earlier configuration aircraft have a drain into the external belly stiffener which acts as a gutter guiding the fuel to an aft located drain hole. The current configuration is an improved system that minimizes the possibility of trace fuel fumes with the aircraft parked with all doors closed. This modification will allow older aircraft types to incorporate the improved fuel boost pump drain location. It will also assist in the incorporation of SB-GA8-2012-96 which utilizes the current configuration fuel pump drain exit as a datum for locating an additional drainage hole.

### Compliance:

For applicable aircraft, this optional Service Bulletin may be incorporated at the owner's discretion.

### Weight and Balance:

Negligible effect on weight and balance.

### Parts:

Part number	Description	Quantity
GA8-282030-131	Fuel Drain Hose	1
MS35489-6	Grommet	1

New parts may be obtained by the operator or directly from GippsAero.

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## Approval:

This modification has been approved pursuant to Regulation 21.095 of CASR(1998).

## Labour:

1 hour should be allocated to the incorporation of this Service Bulletin.

## Procedure:

1. Remove co-pilot seat (if required) from aircraft cabin and stow. See Section 25-10-01 of Service Manual.
2. Remove fuel pump maintenance inspection panel and stow. See Figure 1.

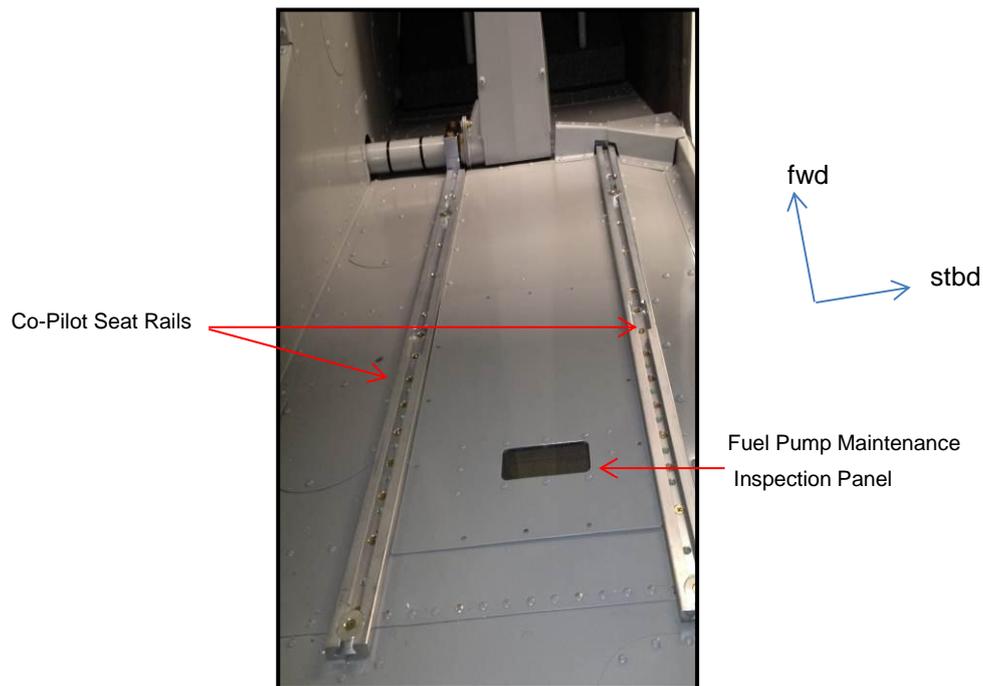


Figure 1

3. Inspect for the fuel drain hose. See Figure 2. Check that the drain hose exits the belly skin of the aircraft through the grommet, outboard of the stiffener which runs along the belly skin (see Figure 3). If this is the case, then re-install inspection panel, seat rails and co-pilot seat (if required). If not then, continue on to Step 4.
4. Drill a 7/16" (0.437") diameter hole into the belly skin in location shown in Figures 2 and 3. Be careful to avoid the fuel lines in this area. De-burr the hole.

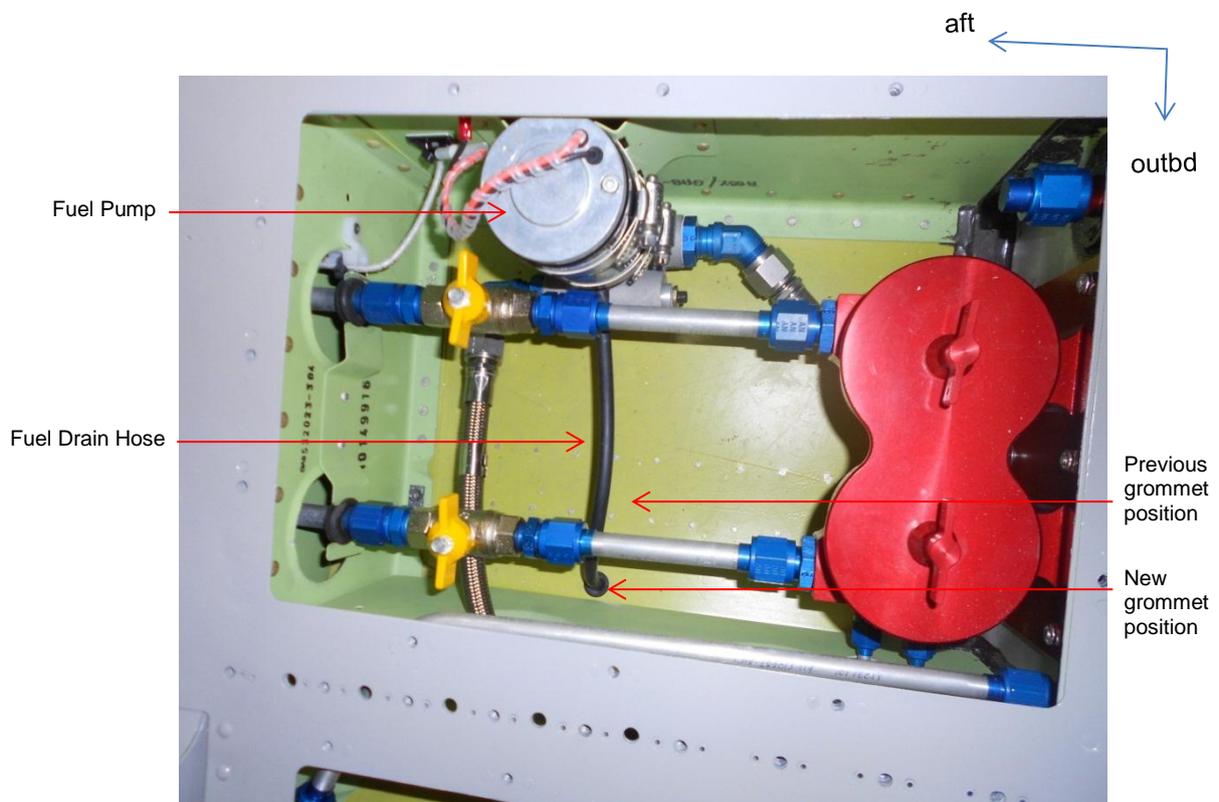


Figure 2 – Drain hole location (As seen from above)

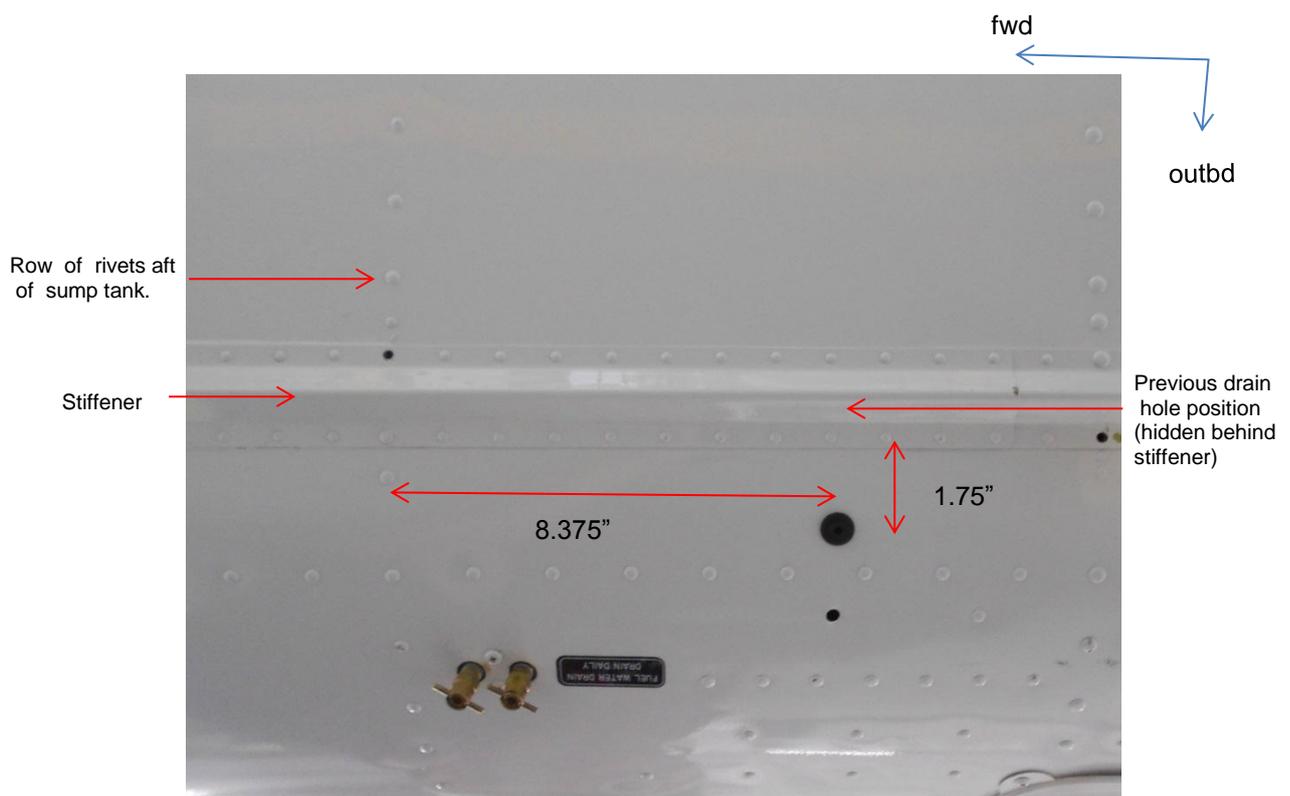


Figure 3 – Drain hole location (As seen from below aircraft.)

Dimensions from centre of rivets to centre of drain hole.

5. Install the MS35489-6 grommet into the new hole.
6. Remove existing fuel drain hose.
7. Attach the GA8-282030-131 Fuel drain hose to the fuel pump.
8. Place the other side of the Fuel Drain hose through the newly installed grommet. Ensure 1/8" of hose protrudes beyond the grommet.
9. Re-install access panels, and co-pilot seat (if required).

**Documentation:**

Update aircraft log book to reflect incorporation of this Service Bulletin and locations of repairs.

**Continuing Airworthiness:**

There are no additional continuing airworthiness requirements as part of the implementation of this Service Bulletin.

**Compliance Notice:**

Complete the Document Compliance Notice and return to GippsAero by mail, fax or email.

## DOCUMENT COMPLIANCE NOTICE



A Mahindra Aerospace Company

Document:

**SB-GA8-2013-109**

**Issue 1**

Aircraft Serial Number: GA8-\_\_\_\_\_

Service Bulletin SB-GA8-2013-109 Issue 1 has been incorporated in the above aircraft.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signed

Print Name: \_\_\_\_\_

Please post or fax this compliance notice to:

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