



SERVICE BULLETIN

No. 353

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

June 1, 1972

Subject: Inspection of Fuel Filter Assembly Outlet Port

Models Affected: PA-23-250 (Six Place) and PA-E23-250 (Six Place) Aztec

Serial Numbers Affected: 27-2505 to 27-4800 incl.

Compliance Time: Within the next 50 hours of operation or 90 days, whichever occurs first; this coincides with normal fuel filter cleaning and maintenance practices.

Purpose: A recent report was received from the field concerning the discovery of a fuel filter assembly removed from one of the above referenced aircraft that did not have the fuel outlet port passage properly drilled through the fuel filter head.

It is therefore recommended that an inspection of the fuel filter assembly be conducted to insure proper fuel flow through the fuel filter assembly. Note: This inspection is a one time only requirement, to be accomplished in accordance with Compliance Time, above.

Part numbers of affected fuel filter assemblies are:

<u>Part Number</u>	<u>Qty. per A/C</u>	<u>Serial No. Effectivity</u>
460 623	2 each	27-2505 to 27-3943 incl.
460 621	1 each (left)	27-3944 to 27-4136 incl.
460 622	1 each (right)	27-3944 to 27-4136 incl.
460 616	1 each (left)	27-4137 and up.
460 617	1 each (right)	27-4137 and up.

Instructions:

1. Gain access to fuel filter assemblies in accordance with Aztec Service Manual Section 9-44.
2. Drain gasoline from fuel filter bowl and remove bowl.
3. Disengage fuel line from the filter assembly outlet fitting.
4. Using a suitable length of plastic 5/16" to 1/2" I.D. hose, affix one end of the hose onto the outlet port fitting and blow through the tubing.

(over)

Instructions: (Continued)

5. If air can pass easily through the filter assembly, proceed with routine fuel filter cleaning and servicing procedures.
6. If air will not flow through the fuel filter assembly as a result of an improperly drilled outlet port passage, remove the head and stud assembly from the fuel filter assembly and replace with a new head and stud assembly (see Material Required, below).
7. Continue with routine fuel filter assembly cleaning and servicing procedures.
8. Make appropriate log book entry.

Material Required:

One (1) each (per fuel filter assembly) Piper part number 751 963 Fuel Filter Head and Stud Assembly, if required per Instructions No. 6, above.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Bulletin is effective June 9, 1972.

Summary:

Please make arrangements with your Piper Dealer to comply with the provisions of this Service Bulletin during your next regularly scheduled (i.e., fifty hours of operation or ninety days, whichever occurs first) fuel filter cleaning and servicing interval. This inspection can be accomplished quickly and easily during this interval.