

The Piper logo consists of the word "PIPER" in a bold, sans-serif font, enclosed within a dark rectangular box with a diagonal line running from the top-left to the bottom-right.

***Customer Services***

# SERVICE LETTER

**No. 560**

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

August 7, 1970

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**Subject:**

Scott Fuel Selector Valves

**Models Affected:**

PA-23-250 Aztec

**Serial Numbers Affected:**

27-1 to 27-504 incl., 27-2000 to 27-2222 incl.

**Compliance Time:**

Prior to but not later than the next 100 hours of operation.

**Purpose:**

To inspect the fuel selector valves on the above referenced aircraft to ascertain that when the fuel selector levers are placed in the "OFF" position, fuel cut-off to the engines is complete.

NOTE: This inspection applies only to the above referenced aircraft that have had the original (factory installed) fuel selector valves replaced.

**Instructions:**

1. Place both fuel selector valves in the "OFF" position.
2. Open sump drain on both fuel strainer assemblies.
3. Allow sufficient time for fuel to evacuate through the fuel lines from the fuel selector valves to the strainers.
4. If fuel flow cut-off is complete, no further action is required.
5. If fuel continues to flow (indicating fuel selector valve leakage), check rigging of fuel selector valves per instructions contained in the Aztec Service Manual (Temporary Revision dated August 3, 1970).
6. Following the fuel selector valve rigging check, perform steps one through four (above) again.
7. If fuel leakage is still evident, it will be necessary to isolate the leaking fuel selector valve by disconnecting the fuel line at the fuel selector valve.
8. Remove the leaking valve and inspect the seat to determine if the valve seat is chamfered (ref. sketch on reverse side of this letter for a pictorial description). If valve seat is not chamfered, replace "O" ring packing and reinstall valve.
9. If valve seat is chamfered, replace valve (ref. Material Required, below).

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Material Required:

Fuel Selector Valve(s), part number 756 520, as required per Instructions, No. 9 (above).

Availability of Parts:

Piper Dealer.

Material Allowance:

Fuel Selector Valve(s) part number 756 520, as required per Instructions, No. 9 (above); comply with Service Publication Compliance/Credit Request procedures.

Labor Allowance:

Not applicable.

Disposition of Parts in Stock:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Code</u>
492 052	Valve Assembly - Fuel Selector	Valve Assembly part number 492 052 will be retained for use only as the Fuel Crossfeed Valve, and no longer used as the Main Tank Fuel Selector Valve on the above referenced aircraft. Fuel Valve Assembly part number 756 520 replaced Fuel Valve Assembly part number 492 052 when required as a Main Tank Fuel Selector Valve.

Disposition of Replaced Parts:

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty. (per aircraft)</u>	<u>Code</u>
492 052	Valve Assembly - Fuel Selector	4 each (reference <u>Instructions</u> , No. 9.	B

