

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

F.A.A. Approved

December 19, 1961

---

**SUBJECT:** Gascolator Bowl Drain Valve

**MODELS AFFECTED:** PA-24 and PA-24 "250" Comanche Aircraft - Serial Numbers 24-2500 to 24-2700 inclusive

**DATE OF COMPLIANCE:** Prior to but not later than next five (5) hours of operation

Service reports indicate that two failures of the subject gascolator bowl drain valves have occurred, permitting the fuel supply to drain, part number 22179-00.

The failures have occurred as a result of machining the valve. The longitudinal hole drilled through the stem has penetrated the stem too deeply; thus weakening the stem adjacent to the "O" ring. It is requested that the valves installed in the aircraft indicated by the above serial numbers be inspected in the following manner:

1. Remove the belly access panel at the drain valve.
2. Look into the longitudinal hole in the valve stem and note if the cross-drill marks resulting from the cross-drilling of the stem adjacent to the "O" ring are visible.

Refer to the sketch on the reverse side of this Bulletin.

If the cross-drilling marks are observed, the valve may be considered satisfactory and no further action is required.

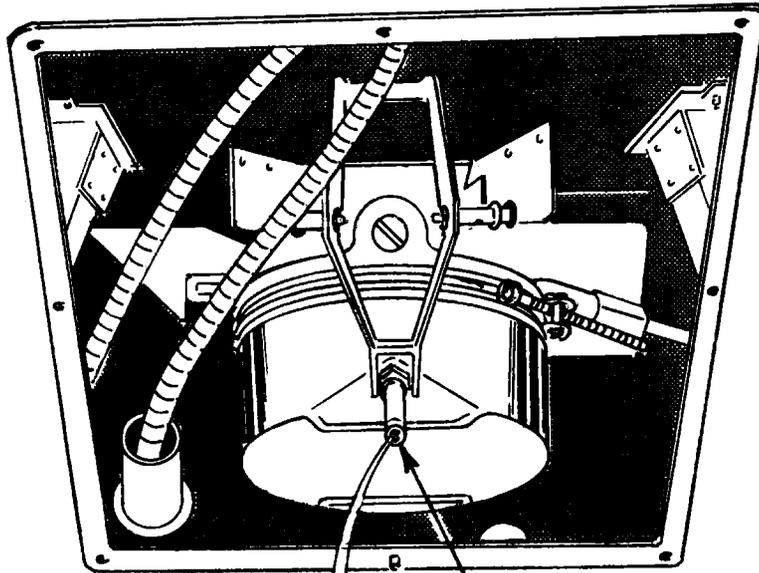
If the cross-drilling marks are not observed, the valve must be replaced.

All existing valves, part number 22179-00, now in distributor-dealer stocks must be inspected and replaced if incorrectly drilled.

When replacement valves are required, either for stock or installation on aircraft, orders should be submitted to the Service Spares Department. Credit for the replacement valves will be issued upon the receipt of a duly executed Warranty and Credit Claim. One (1) hour warranty labor will be authorized when it is necessary to replace this valve.

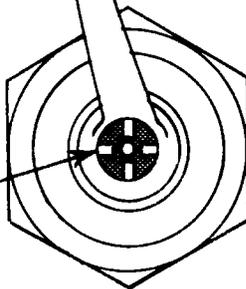
(over)

---

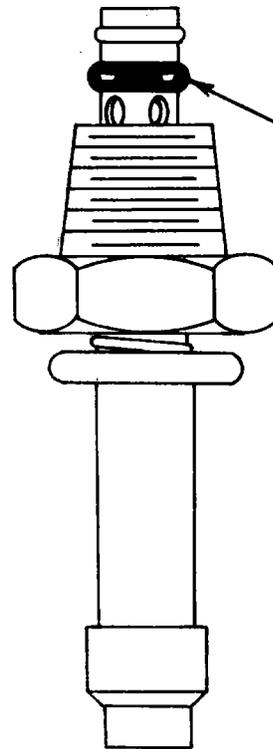


FUEL STRAINER DRAIN VALVE

CROSS DRILL MARKS



"O" RING



LINE OF SIGHT

SERVICE BULLETIN #208