



SERVICE BULLETIN

No. 582

Piper Aircraft Corporation

"DOA SO-1 Approved"

Lock Haven, Pennsylvania, U.S.A.

December 6, 1977

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Subject: Pitot and Static Sump Drain Inspection

Models Affected:

Serial Numbers Affected:

PA-28-161 Warrior II.....28-7816002 to 28-7816018 inclusive;
28-7816020 to 28-7816038 inclusive;
28-7816040 to 28-7816067 inclusive;
28-7816069 to 28-7816074 inclusive;
28-7816077 to 28-7816079 inclusive
and 28-7816081

PA-28-181 Archer II.....28-7890003 to 28-7890072 inclusive; and
28-7890076 to 28-7890078 inclusive

Compliance Time: Within the next 50 hours or at the next regularly scheduled inspection whichever occurs first.

Purpose: The pitot and static sump drain was relocated on the seventy-eight year model aircraft. The possibility now exists that the lines going to these sump drains could possibly chafe on the nuts of a fuel line union running behind the sump drains.

This Bulletin furnishes instructions for inspection and modification of these lines.

Instructions:

1. Remove the upholstered side panel from the left hand side of the fuselage.
2. Inspect the two (2) lines connected to the pitot and static sump drain valves for any sign of chafing on the nuts of the fuel line union.
3. If any chafing is found then the line(s) must be replaced. Refer to Material Required for tubing part numbers.
4. If no chafing is found then install the plastic sleeve over the fuel line union as shown in the attached sketch.
5. Replace the side panel.
6. Make the appropriate log book entry that this Service Bulletin has been complied with.

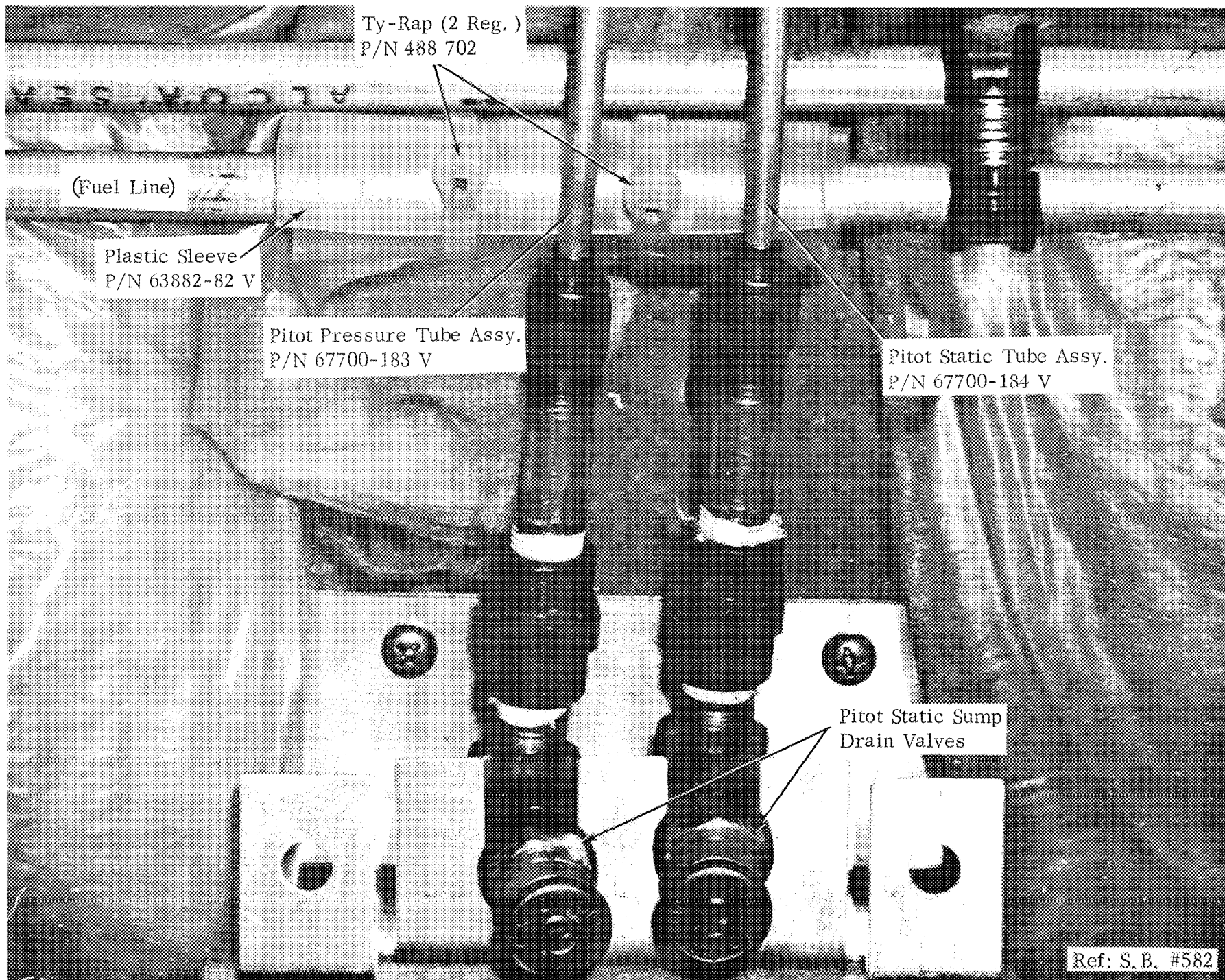
Material Required: One (1) plastic sleeve Piper Part No. 63882-82V, two (2) ty-raps Piper part number 488 702V (MS3367-1-9). If required by instruction number three (3), one (1) 67700-183V and one (1) 67700-184V, Tubes.

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Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This Service Bulletin is effective upon receipt.

Summary: Reimbursement for labor and material cost is available through your Piper Field Service Facility in accordance with Piper Field Service Facility material allowance credit application procedure for a period of six (6) months from the date of this Service Release.



Ty-Rap (2 Reg.)
P/N 488 702

(Fuel Line)

Plastic Sleeve
P/N 63882-82 V

Pitot Pressure Tube Assy.
P/N 67700-183 V

Pitot Static Tube Assy.
P/N 67700-184 V

Pitot Static Sump
Drain Valves

Ref: S.B. #582