



# SERVICE BULLETIN

No. 385

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

May 4, 1973

Subject:

Wing Leading Edge Modification

Models Affected:

PA-23-250 (Six Place) Aztec

Serial Numbers Affected:

27-4766 to 27-4820 incl.

Compliance Time:

Within the next fifty (50) hours of operation.

Purpose:

To provide material and instructions to install a vent drain cone outboard of wing leading edge station 109.81 and forward of the main spar, and to apply a sealer compound to the wing leading edge cavity on the above referenced aircraft. Refer to attached sketch/instruction sheet for an illustrated view of this area.

Instructions:

1. Vent drain cone installation -- applies to Serial Nos. 27-4766 to 27-4780 incl.
  - a. Check for the presence of the vent drain cone (reference attached sketch); if installed as shown, proceed to step 2, below. If not installed as shown, proceed as follows.
  - b. Locate and drill a .125 hole in the leading edge bottom skin, outboard of station 109.81 and forward of the main spar as shown on the attached sketch.
  - c. Position vent drain cone (Part No. 33329-00) over the .125 hole (center holes aligned) and drill three .096 holes (#41 drill) through the attachment holes in the vent drain cone and wing skin. Attach the cone with three #AD32ABS pop rivets (Piper Part No. 422 987).
2. Wing leading edge sealing -- applies to aircraft Serial Nos. 27-4766 to 27-4820 incl.
  - a. Refer to attached sketch and add sealer to leading edge rib at station 109.81 as follows:
    1. Remove access plate located on bottom of leading edge skin between stations 118.75 and 127.25 to gain access to rib at station 109.81 (through lightening hole of rib at station 118.75).

(over)

Instructions: (continued)

2. Mix and apply 3M #EC-801 sealer and 3M #EC-807 accelerator, in accordance with the manufacturer's specifications, to all gaps between the lower rib flange and the skin at station 109.81. Also, seal all gaps between the rib and main spar.
3. Reinstall access plate on bottom of leading edge skin.

Material Required:

1. Reference Instructions No. 1, above; one (1) per wing, Vent Drain Cone, Piper Part No. 33329-00, and three (3) per vent drain cone, AD32ABS pop rivets -- Piper Part No. 422 987.
2. Reference Instructions No. 2, above; sealer, 3M #EC-801 and accelerator, 3M #EC-807; obtain locally.

Availability of Parts:

Your Piper Dealer.

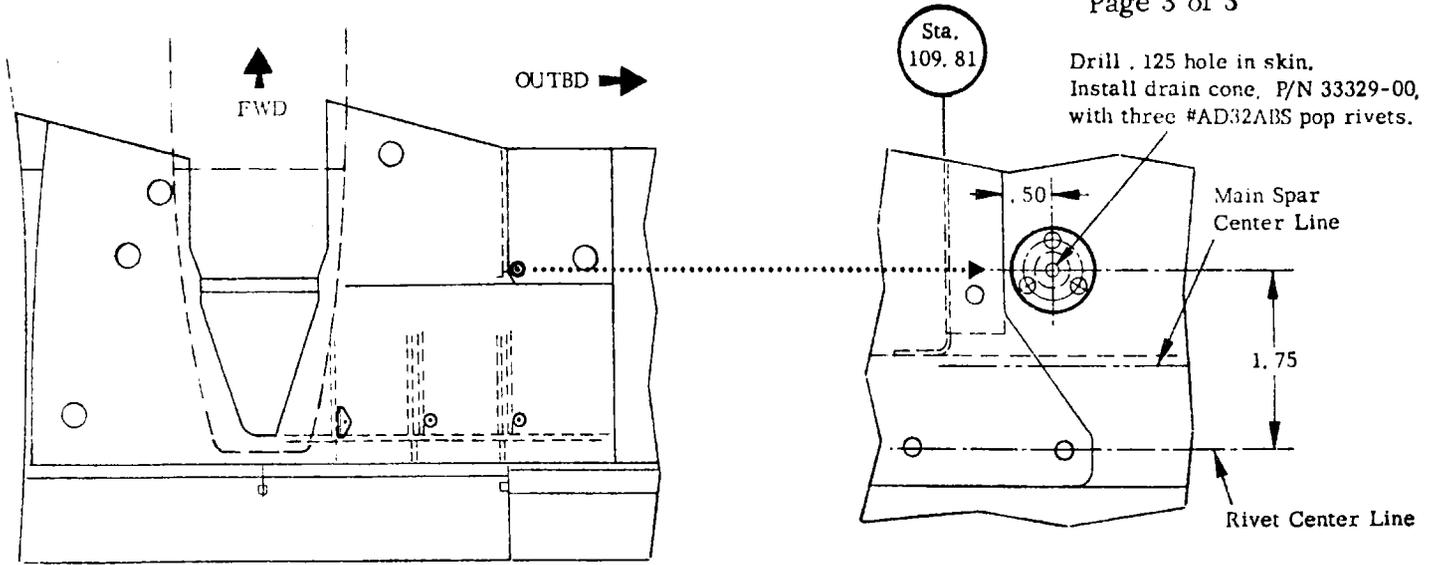
Effectivity Date:

This Service Bulletin is effective June 1, 1973.

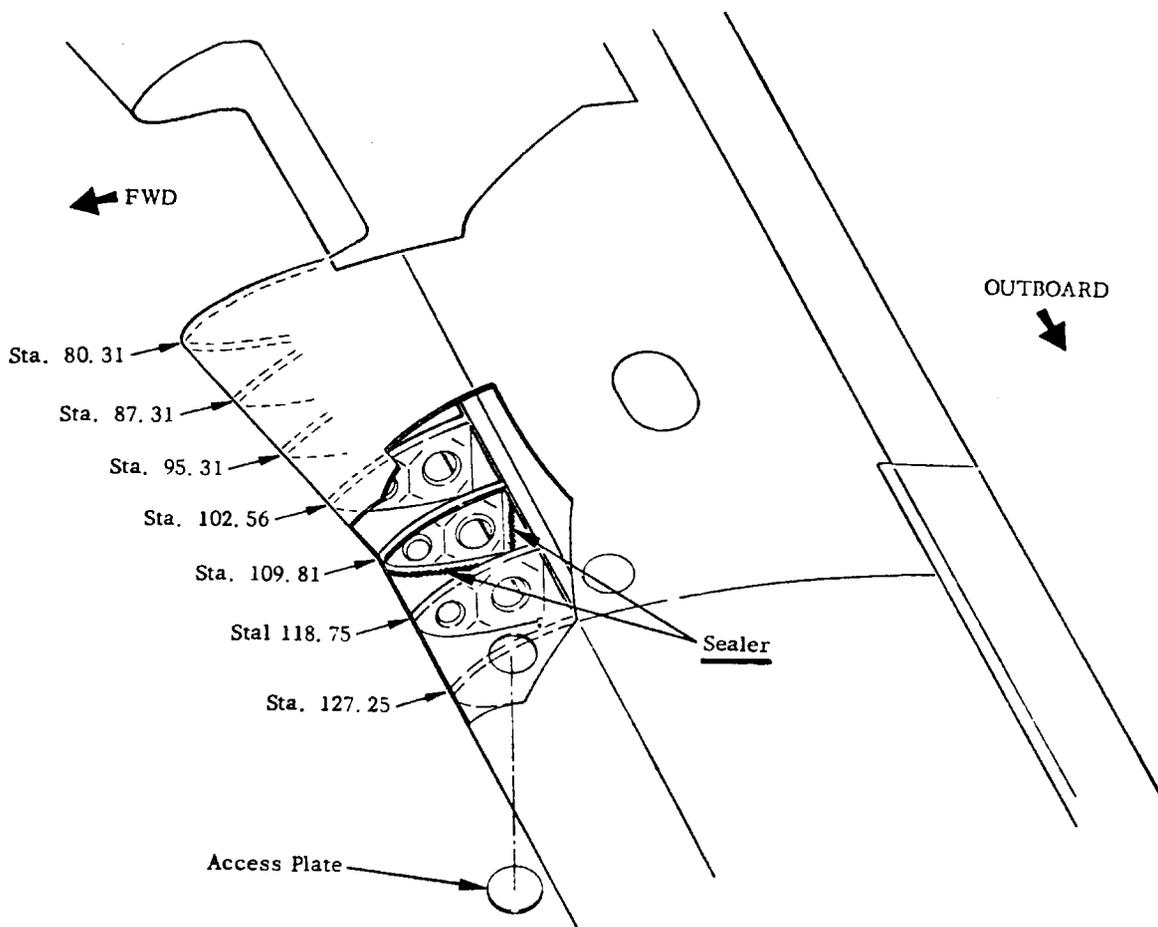
Summary:

Please contact your Piper Dealer to make arrangements for compliance with this Service Bulletin according to the provisions of Compliance Time, above. Installation material specified above and one (1) hour labor allowance will be provided free of charge by your Piper Dealer, providing the installation is accomplished by a Piper Dealer prior to September 1, 1973.

A Service Publication Compliance/Credit Request form is enclosed with each copy of this Service Bulletin mailed to owners of record; subsequent to compliance, owners/operators of affected aircraft are to fill out the enclosed form per instructions on the reverse side of the form (bottom copy) and leave the form with the Piper Dealer performing the modification.



BOTTOM VIEW OF LEFT WING SHOWN-RIGHT WING OPPOSITE



TOP VIEW OF LEFT WING SHOWN-RIGHT WING OPPOSITE

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