



SERVICE LETTER

No. 585

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

July 9, 1971

Subject: Inspection of Hydraulic Lines

Models and Serial Numbers Affected:

<u>Models</u>	<u>Serial Numbers</u>
PA-23, PA-23-160 and PA-23-235 Apache	23-1 and up.
PA-23-250, PA-E23-250 and PA-23-250 (Six Place) Aztec	27-1 to 27-4709 incl.

Compliance Time: At the next 100 hour or annual inspection, whichever occurs first; or at any indication of other than normal landing gear hydraulic system operation.

Purpose: A few reports have been received concerning aileron cables chafing hydraulic lines inside the fuselage, forward of the main spar.

This Service Letter provides instructions to inspect and insure adequate clearance in this area.

- Instructions:
1. Remove the large fuselage belly panel.
 2. Locate the area where the landing gear hydraulic lines cross over the aileron cables.
 3. Check to ascertain (with proper cable tension) that a minimum of one-half (1/2) inch exists between these cables and lines.
 - a. If clearance is adequate, no further action is necessary.
 - b. If clearance is less than one half (1/2) inch, proceed with no. 4, below.
 4. Hand-form hydraulic lines and/or rotate fittings, as necessary to obtain proper clearance.
 5. Check that cables are not frayed or lines have not been damaged.
 6. Check fittings, unions, etc. for security.
 7. Reinstall fuselage belly panel.

BALANCE OF SERVICE LETTER FORMAT IS NOT APPLICABLE.
