



SERVICE LETTER

No. 846

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

May 3, 1978

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Subject: Stabilator Assembly Lower Surface Rivet Inspection

Models Affected: PA-23-250 (6 Place) Aztec "F"

Serial Numbers Affected: 27-7654001 to 27-7754058 Inclusive,
27-7754061 and 27-7754062 - both Stabilators
(See NOTE, below); 27-7754064, left Stabilator only.

NOTE

Stabilator serial numbers affected are up to and including 27-0296; if any of the above referenced aircraft have had one or both stabilator(s) replaced in the field, the stabilator serial number plate should be checked to verify effectivity; stabilator serial numbers 27-0297 and up are not affected.

Compliance Time: At owner/operator's discretion; recommended at the next regularly scheduled inspection/maintenance interval.

Purpose:

It has been brought to our attention that the blind rivets installed on the stabilator bottom skin panels on the above referenced aircraft are subject to loosening and/or working. This condition may be noted by the presence of dark streaks downstream of the rivet heads.

This Service Release contains instructions to inspect the lower surface of the stabilators referenced above for evidence of loose rivets, and to replace loose rivets, as required; replacement rivets specified on the attached sketch/instruction sheet are "Cherry Lock" and/or "Cherry Max" type.

Instructions:

Refer to attached sketch/instruction sheet for inspection guidelines and rivet replacement (if required) details.

Material Required:

Refer to rivet replacement table, attached sketch/instruction sheet (if required).

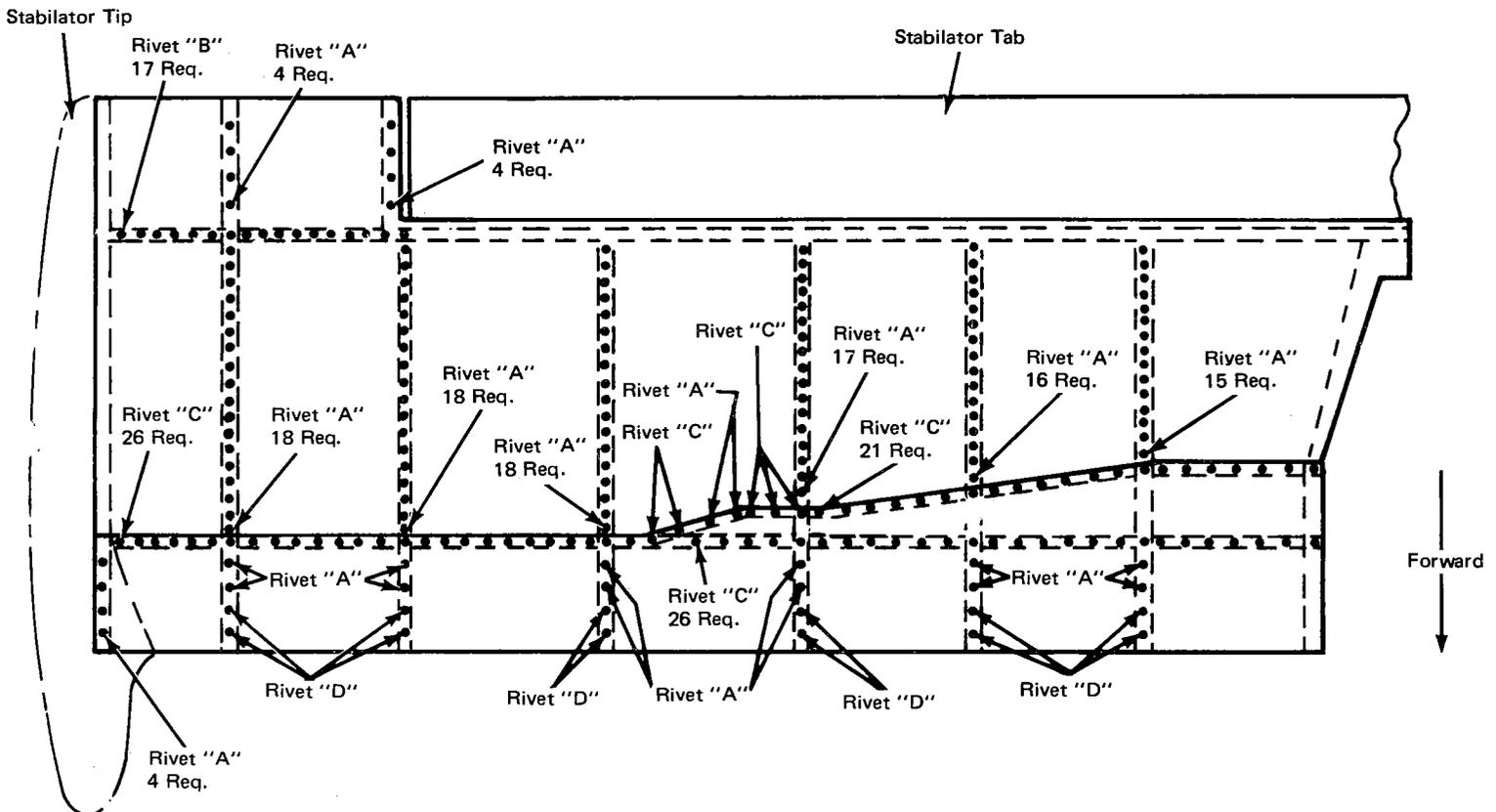
Availability of Parts:

Your Piper Field Service Facility.

Summary:

Please contact your Piper Field Service Facility to incorporate the product refinement modification announced herein on your aircraft, as suggested in Compliance Time, above.

<u>RIVET</u>	<u>CHERRY LOCK</u>	<u>CHERRY MAX</u>
A	NAS1738B-4-1 (P/N 522 881)	CR3243-4-1 (P/N 522 906)
B	NAS1738B-4-2 (P/N 522 882)	CR3243-4-2 (P/N 522 655)
C	NAS1738B-4-3 (P/N 522 883)	CR3243-4-3 (P/N 522 656)
D	NAS1739B-4-1 (P/N 522 871)	CR3242-4-1 (P/N 522 654)



BOTTOM VIEW OF LEFT STABILATOR SHOWN – RIGHT STABILATOR OPPOSITE

INSTRUCTIONS

1. Inspect the lower surface of the left and right stabilator assembly for evidence of loose rivets.
2. Any rivet(s) found to be loose must be replaced as follows. Do not replace rivets that are not loose.
 - a. Carefully grind head off any loose rivet(s).
 - b. Refer to sketch and table above and install the correct length cherry lock or cherry max rivet(s).
3. Make proper logbook entry of Service Letter compliance.