



# SERVICE LETTER

No. 772

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

February 16, 1976 M

Subject:

Stabilator Attachment Bolts.

Models Affected:

PA-39 Twin Comanche "C/R"

Serial Numbers Affected:

39-1 to 39-155 Inclusive

Compliance Time:

At owner/operator discretion; recommended at the next 100 hour inspection or annual inspection, whichever occurs first; not to exceed the next 100 hours of operation.

Purpose:

It has been determined that the stabilator attachment bolts on the above referenced aircraft may corrode. This situation has occurred primarily on high time aircraft and/or operating in areas likely to induce corrosion -- such as near salt water.

This service release provides instructions to remove the existing stabilator attachment bolts on the above referenced aircraft and replace with new (aircraft quality) attachment bolts.

Instructions:

1. Refer to attached sketch/instruction sheet for (1) bolt(s) removal, (2) proper hardware assembly sequence, and (3) replacement hardware identification information (i.e., Piper part numbers of applicable new replacement bolts and attaching hardware).

NOTE: If the part number 402 342 steel alloy bolts are installed, these bolts should be re-inspected at each subsequent 500 hours of operation for indications of corrosion and replaced, if necessary. If the part number 502 342 corrosion resistant bolts are installed, a repeat inspection for the purpose stated above is not required.

2. Make appropriate log book entry.

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(over)

Availability of Parts:

Your Piper field service facility.

Material Required:

Refer to attached sketch/instruction sheet for new replacement hardware identification/aircraft model application.

Effectivity Date:

This service letter is effective upon receipt.

Summary:

Please contact your Piper field service facility to make arrangements for compliance with the provisions of this service release in accordance with Compliance Time, above.

● **INSTRUCTIONS**

1. Remove the four existing stabilator attachment bolts, washers and nuts, indicated on sketch, and install new bolts and attaching hardware. **CAUTION:** Remove and replace one bolt at a time. Refer to sketch for correct replacement hardware identification and proper assembly of bolts, washers and nuts.
2. **TORQUE VALUE FOR BOLTS** – Refer to the Twin Comanche Service Manual (Section 4 - paragraph 49) which states that the nuts ("holding the stabilator to the torque tube") should "be tightened just enough to take the play out of the washers."

