



# SERVICE BULLETIN

No. 737

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

Modification FAA Approved

April 23, 1982

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Subject: Elevator Outboard Hinge Installation Inspection

Model Affected: PA-31P Pressurized Navajo  
Serial Numbers Affected: 31P-3 through 31P-7730012

Compliance Time: Within the next one hundred (100) hours of operation or at the next inspection event, whichever occurs first.

Purpose: Some of the above-listed aircraft may have a single-piece elevator outboard hinge installed. A field report has been received of the failure of one of these hinges. Such failure could result in impairment or loss of elevator control.

This Service Release provides instructions for the inspection of the outboard elevator hinges, and if single-piece hinges are found, announces availability of a kit which includes instructions and material for hinge replacement.

Instructions:

1. Remove the outboard hinge covers from both elevators.
2. Refer to the attached Sketch to determine the type of hinges installed.
  - a. If three-piece hinge installations (Figure 1) are installed, reinstall hinge covers and proceed to Instruction 3.
  - b. If single-piece hinge installations (Figure 2) are installed, Outboard Elevator Hinge Replacement Kit 764 381 must be installed before further flight.
3. Make appropriate logbook entry of compliance.

Material Required: If required by Instruction 2.b., above, one (1) each per aircraft Outboard Elevator Hinge Replacement Kit, Piper Part Number 764 381.

NOTE: One kit contains sufficient material to modify both left and right elevator outboard hinge installations.

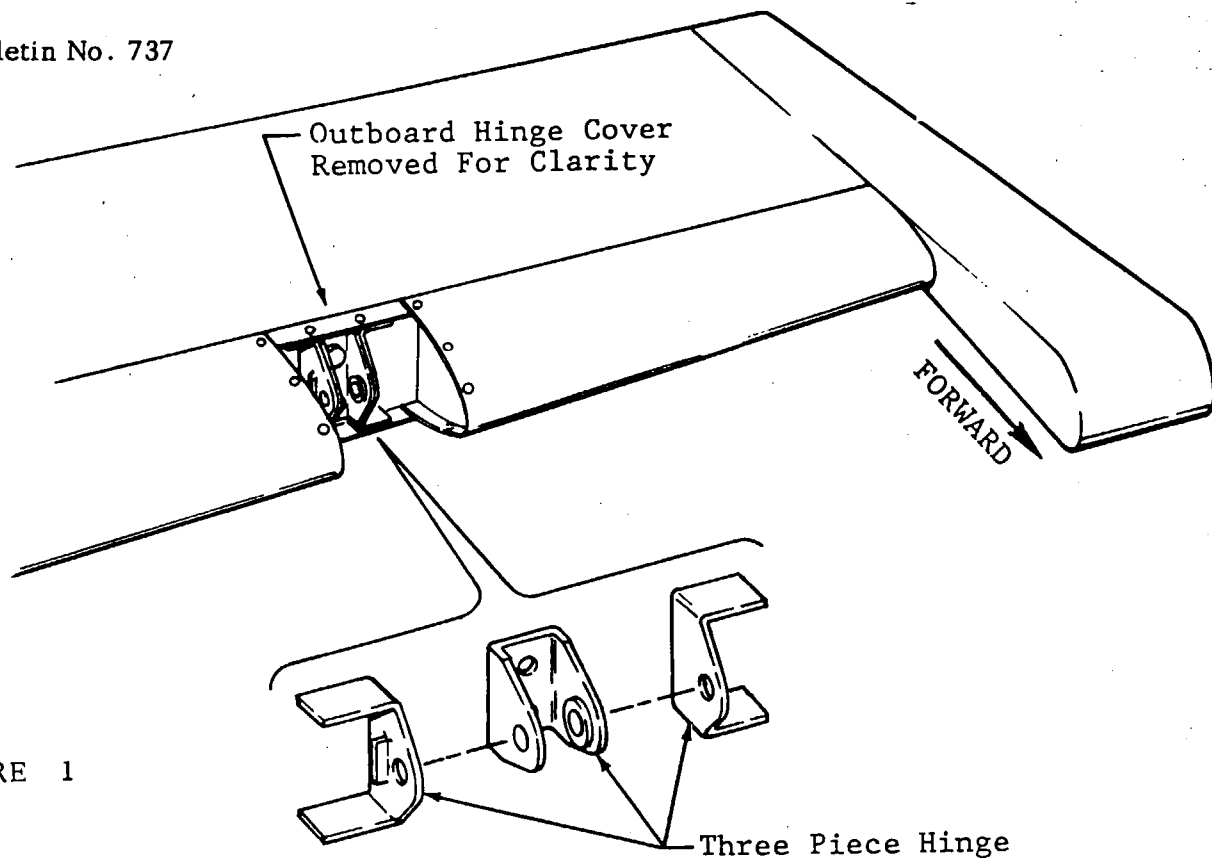
Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This Service Release is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to arrange for compliance with this Service Release in accordance with Compliance Time, above.

Any factory participation applicable to compliance with this Service Release remains in effect for a period of time not to exceed 180 days from the date of this release.

ATA: 5550



THREE PIECE HINGE INSTALLATION  
Left Elevator Shown - Right Opposite

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