



SERVICE LETTER

No. 781

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

October 22, 1976 M

Subject:

Cockpit Forward Bulkhead/Floorboard Sealing.

Models Affected:

PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-5001 to 31-7652129 Inclusive

Compliance Time: At owner/operator's discretion, recommended at a convenient maintenance/inspection interval.

Purpose: During Chieftain environmental systems testing at the factory, it was determined that cold air can be introduced into the lower cockpit area through several bulkhead tool holes and between various structural members. This condition can compromise cabin heater effectiveness, in addition to causing crew discomfort.

This service release contains instructions and material specifications for additional sealing of the cockpit forward bulkhead and crew compartment floorboard area to eliminate cold air intrusion in this area (reference sketch/instruction sheet on reverse side for an illustrated view of this area).

Instructions: Contained on sketch/instruction sheet (overleaf).

Material Required: Reference sketch/instruction sheet (overleaf).

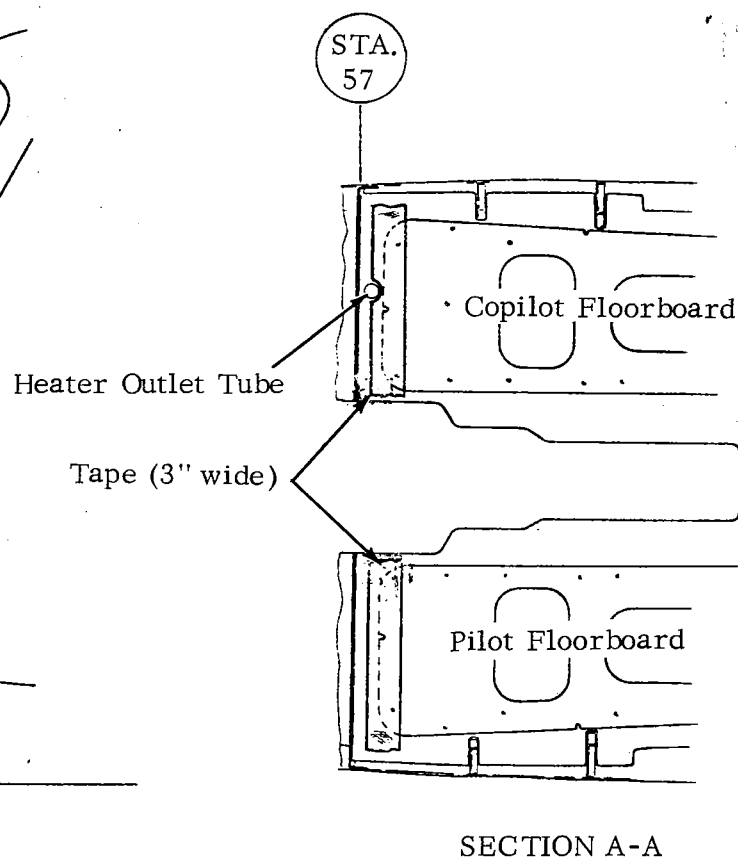
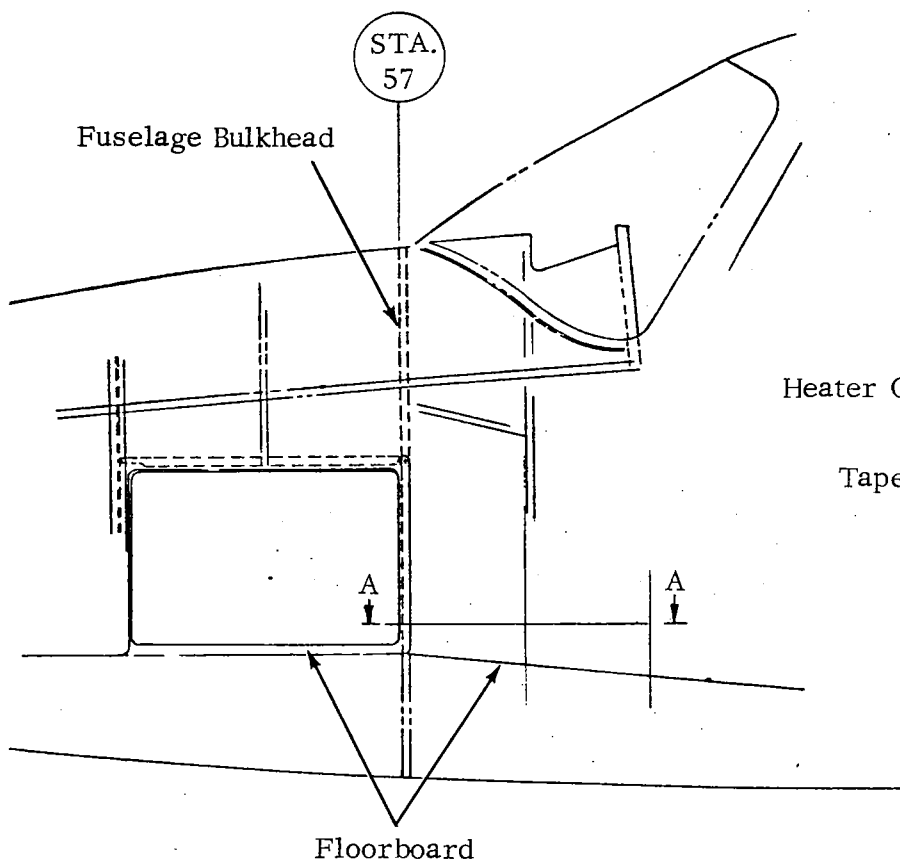
Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This service release is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to make arrangements for this product refinement modification, at your discretion. Material and labor requirement is minimal, and may be further minimized by coordinating this modification with a regularly scheduled inspection interval.

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INSTRUCTIONS

1. Remove left and right access panels from forward fuselage to gain access to fuselage bulkhead at station 57.
 - a. Apply a bead of 3M #612 sealant around forward perimeter of bulkhead in order to seal all gaps between the bulkhead and fuselage skin. It is not necessary to apply sealant below the floorboard.
 - b. Seal all open holes on face of bulkhead with 3M #612 sealant.
 - c. Reinstall access panels to fuselage.
2. Raise forward end of carpets in crew compartment to gain access to pilot and copilot floorboards.
 - a. Apply a bead of 3M #612 sealant around the heater outlet tube, if installed, that is routed through the floorboard on the copilot side just aft of station 57 bulkhead.
 - b. Install 3" wide cloth or vinyl tape over forward end of floorboards in order to seal all gaps between the floorboards and floorboard support panels.
 - c. Reinstall carpet.

NOTE: 3M #612 Industrial Sealant may be procured locally or 1 lb. -8oz. can may be ordered from Piper Aircraft Corporation under part no. 911 984.