



SERVICE BULLETIN

No. 379A

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

October 25, 1974

(This supersedes and voids Service Bulletin No. 379, dated March 13, 1973.)

Subject: Inspection of Rudder Control Cable Routing

Reason for Revision: Expansion of area to be inspected and number of aircraft affected.

Models Affected: PA-31-350 Navajo Chieftain

Serial Numbers Affected: 31-5001 to 31-7405495 incl.

Compliance Time: Within the next ten (10) hours of operation.

Purpose: Service Bulletin No. 379, dated March 13, 1973, involved a required inspection of the right rear rudder control cable, part number 41953-04, to insure proper cable routing through the lower forward frame bulkheads between fuselage sections numbers 76.00 (at the forward turnbuckle) aft to 104.68.

The intent of this service release is to expand the rudder control cable inspection area to insure that both the right and left rudder control cables have been properly routed through appropriate fuselage frame members and between pulleys and cable guard pins (between fuselage stations 57 to 244). The attached sketch/instruction data illustrates the affected areas and describes the inspection procedure.

Instructions: Refer to attached sketch/instruction data.

Material Required: Forward Rudder Control Cable(s), part number 41947-03 and/or Left and/or Right Rear Rudder Control Cables, part numbers 41953-03 or -04 respectively only if the inspection has revealed evidence of cable damage caused by improper routing (see attached sketch/instruction data).

Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This Service Bulletin is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with this service release in accordance with Compliance Time, above. Three (3) hours per aircraft labor allowance (for cable rerouting only) and an additional five (5) hours per aircraft labor allowance and necessary replacement material (should rudder cable replacement be required) will be provided by your Piper Dealer free of charge, providing compliance with this Service Bulletin is arranged through a Piper Field Service Facility and a Compliance Form is returned.

A Service Publication Compliance Form is enclosed with each copy of this service release mailed to affected owners of record. This form is to be filled out according to instructions on the reverse side of the form and left with the Piper Field Service Facility performing the inspection.

INSTRUCTIONS

1. Remove the left pilot's seat and left row of passenger seats.
2. Remove the left row of floor panels and the floor panel lateral to the cabin entrance door.
3. Inspect both left and right rudder control cables, between Stations 57 and 244, to determine if cables are properly routed between the pulleys and cable guard pins.
4. If cables are properly routed between the pulleys and cable guard pins, no further action is required.
5. If any of the cables have not been properly routed, closely inspect the misrouted cable area for indications of cable damage.
 - a. If no cable damage has occurred, reroute cable between pulley and cable guard pin. If cable damage is evident, replace cables as required. Set cable tension and check rigging and adjustments per the PA-31-350 Service Manual.
6. Reinstall floor panels and seats.

