



SERVICE BULLETIN

No. 651

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

Modification FAA/DOA EA-1 Approved

FAA/DOA SO-2 Approved

May 11, 1979

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(Service Bulletin No. 651 relates the provisions of Telex Service Bulletin No. 651, dated May 2, 1979)

Subject:

Control Shaft Roll Pin Inspection

Models Affected:

PA-31, PA-31-300, PA-31-325
Navajo/Navajo CR
PA-31-350 Chieftain
PA-31P Pressurized Navajo
PA-31T Cheyenne/Cheyenne II
PA-31T1 Cheyenne I

Serial Numbers Affected:

31-5 through 31-7912059
31-5001 through 31-7952111
31P-1 through 31P-7730012
31T-7400002 through 31T-7920060
31T-7804001 through 31T-7904033

Compliance Time:

Within the next five (5) hours of operation.

Purpose:

A field report has been received which indicates that the Roll Pins (Piper Part No. 480 732, two (2) per control wheel shaft) which secure the control shaft stud to the control shaft square tube may not have been installed. Absence of the subject roll pins could result in the separation of the control shaft square tube from the stud and subsequent impairment of aileron control function of the affected control wheel.

This Service Bulletin provides instructions for the inspection of the control shaft assemblies for roll pin installation.

Instructions:

Refer to attached sketch. Inspect both pilot and copilot control wheel assemblies as follows:

1. Secure control wheels in aft position.
2. Gain access to the control shaft square tube assembly-to-stud connection, located just aft of the control wheel stop collar. (See Sketch).
3. Deflect controls as necessary to inspect the forward end of the control shaft square tube assembly to determine that two (2) roll pins are installed.

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Instructions: (continued)

4. If one or both roll pins are missing, replace roll pins as required.
5. If roll pin holes are not present in the shaft or the stud, insure that the shaft is fully engaged on the stud, and drill holes as shown on sketch before installing roll pins.
6. Make appropriate logbook entry of compliance with Service Bulletin No. 651.

Material Required:

Up to four (4) each per aircraft, Roll Pin, Piper Part No. 480 732 (Elastic Stop Nut Corp. Pin No. 59-040-187-0937, NAS 561-6-15), at a suggested list price of \$.05 C each.

Availability of Parts:

Your Piper Field Service Facility or local supply.

Effectivity Date:

This Service Release is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to arrange for compliance with the provisions of this Service Release in accordance with Compliance Time, above. Reimbursement is available for material and for up to a total of one (1) hour labor per control wheel shaft if installation of Roll Pin is required by inspection. Comply with the respective material/labor credit application procedure of your Piper Field Service Facility.

