



SERVICE BULLETIN

No. 422

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

March 11, 1974

Subject:

Inspection of Fuel Selector Valve Control Handle

Models Affected:

PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-5001 to 31-7405432 incl.

Compliance Time:

Within the next 10 hours of operation.

Purpose:

To provide instructions to inspect the fuel selector valve control handle knobs on the above referenced aircraft to insure that they cannot become unscrewed from their corresponding pin. Should the knob become unscrewed from the pin, the pin (which is spring loaded) could retract through the handle into a detent, resulting in difficulty in moving the selector handle.

Instructions:

1. Pull knobs to "full up" position.
2. Carefully restrain the pin from rotating by gripping with pliers - use caution to minimize scoring of pin.
3. With the pin held stationary, apply maximum hand torque (counter-clockwise) to try to unscrew the knob from the pin.
4. If the knob can be unscrewed, before removing the knob, insert a thin metal plate under the handle to keep the pin from retracting through the handle into the adjacent detent.
 - a. Remove knob, apply "Loctite A" to pin threads and reinstall knob.
 - b. After allowing approximately fifteen to thirty minutes for "Loctite" to set up, re-check per Nos. 2 and 3, above.
5. If the knob cannot be unscrewed (per Nos. 2 and 3, above), no further action is required.
6. Make appropriate log book entry.

Material Required:

Not applicable.

(over)

Availability of Parts:

Not applicable.

Effectivity Date:

This Service Bulletin is effective March 18, 1974.

Summary:

Please contact your Piper Field Service Facility to comply with the provisions of this Service Bulletin as specified in Compliance Time, above. The inspection described herein can be accomplished in a minimal amount of time.

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

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BULLETIN SUPPLEMENT - PROCEDURAL OPERATING INFORMATION

<u>Material Allowance:</u>	Not applicable.
<u>Labor Allowance:</u>	Not applicable.
<u>Disposition of Parts in Stock:</u>	Not applicable.
<u>Disposition of Replaced Parts:</u>	Not applicable.