



# SERVICE BULLETIN

No. 488

Piper Aircraft Corporation

"DOA EA-1 Approved"

Lock Haven, Pennsylvania, U.S.A.

October 24, 1975 M

Subject:

Modification of Landing Gear Selector Cable Forward Attachment Pin.

Models Affected:

PA-31-310 & PA-31-325 Navajo  
PA-31-350 Navajo Chieftain

PA-31P Navajo  
PA-31T Cheyenne

Compliance Time:

At the next Programmed Inspection event interval, not to exceed the next twenty-five (25) hours of operation.

Purpose:

The landing gear selector flexible push-pull control cable assembly is attached to the hydraulic powerpack control arm by a cable attachment pin assembly, Piper part no. 53599-00. A recent incident at the factory indicates that this pin assembly may become disengaged, causing detachment of the landing gear selector cable from the powerpack control arm, with subsequent loss of landing gear (retraction/extension) system control.

This release provides instructions to install safety wire to the landing gear selector cable attachment pin to prevent inadvertent disengagement of the pin.

Instructions:

1. Gain access to the hydraulic powerpack by removing the left hand nose access panel (on the PA-31P and PA-31T only) or the right hand nose access panel (on the PA-31 and PA-31-350 only).
2. Remove equipment from shelf as required to allow access to landing gear selector cable attachment point at the powerpack control arm.
3. Drill .062 inch hole in landing gear selector arm on the powerpack per attached sketch.
4. Ascertain that the cable attachment pin is fully engaged and locked by making certain that the pin knob base is against the cable clevis.

(over)

Instructions (continued):

5. Safety with approximately three inches of MS20995C41 lock wire (.041 stainless steel) through the hole in the arm and existing hole in pin knob per attached sketch.

NOTE:

Wrap lock wire around arm on side opposite from cable, to prevent interference with cable clevis during normal operation.

7. Replace equipment that was removed for access and reinstall access panel.
8. Make an appropriate log book entry indicating compliance with this service bulletin.

Material Required:

Approximately three inches of MS20995C41 lock wire (.041 inch stainless steel).

Availability of Parts:

Obtain locally.

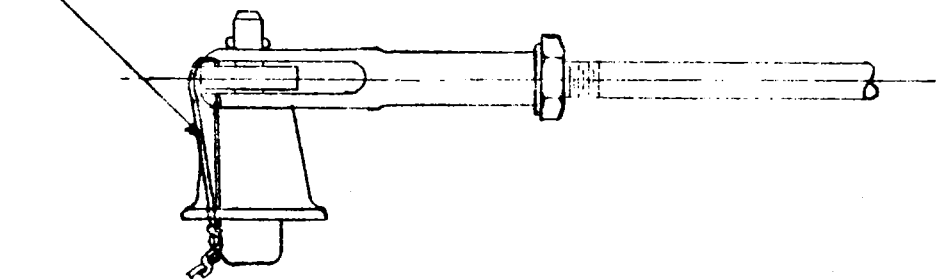
Effectivity Date:

This service bulletin is effective upon receipt.

Summary:

Please contact your Piper field service facility to make arrangements for compliance with the provisions of this service bulletin, in accordance with Compliance Time, above.

MS20995C41 LOCK WIRE



.062 HOLE

