



SERVICE BULLETIN

No. 635

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

Modification FAA/DOA EA-1 Approved

January 3, 1979 M

Subject: Landing Gear Selector Lever Inspection and Replacement

<u>Models Affected:</u>	<u>Serial Numbers Affected:</u>
PA-23 Apache	23-1 through 23-2046
PA-23-235 Apache	27-505 through 27-622
PA-23-250 Aztec	27-1 through 27-504
PA-23-250 (Six Place) Aztec	27-2000 through 27-7854139

IMPORTANT NOTICE:

PA-23-250 Aztec F aircraft, serial numbers 27-7954001 and up, were delivered from the factory with a new improved gear selector lever installed. If however, a hydraulic powerpack or a gear selector lever was field-replaced since delivery from the factory, these aircraft are also subject to the provisions of this Service Bulletin.

Compliance Time:

Within the next one hundred (100) hours of operation or at the next scheduled inspection, whichever occurs first, and every one hundred (100) hours of operation thereafter until/unless Landing Gear Selector Lever identified as Piper Part Number 761 213 is installed. Installation of Piper Part Number 761 213 relieves the one hundred (100) hour recurrent inspection requirement.

Any cracked Landing Gear Selector Lever must be replaced before further flight.

Purpose:

Field reports have been received of several instances of landing gear selector handles breaking off as a result of cracks developing at the bend radii of the Gear Selector Lever, Piper Part Number 752 303.

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Purpose: (continued)

This Service Bulletin provides instructions for a recurrent inspection of Piper Part Number 752 303 at each one hundred (100) hours of operation.

A new improved landing gear selector lever, Piper Part Number 761 213 is available as a replacement. This part is already in use on some of the above listed affected aircraft. If Piper Part Number 761 213 is found to be installed or is installed as a replacement, the one hundred (100) hour recurrent inspection requirement is relieved.

Instructions:

Refer to attached Sketch/Instruction data.

Material Required:

If required by inspection or to relieve recurrent one hundred (100) hour inspection requirement: One (1) each per aircraft Gear Selector Lever - Piper Part Number 761 213 at a suggested list price of \$16.93F each.

Availability of Parts:

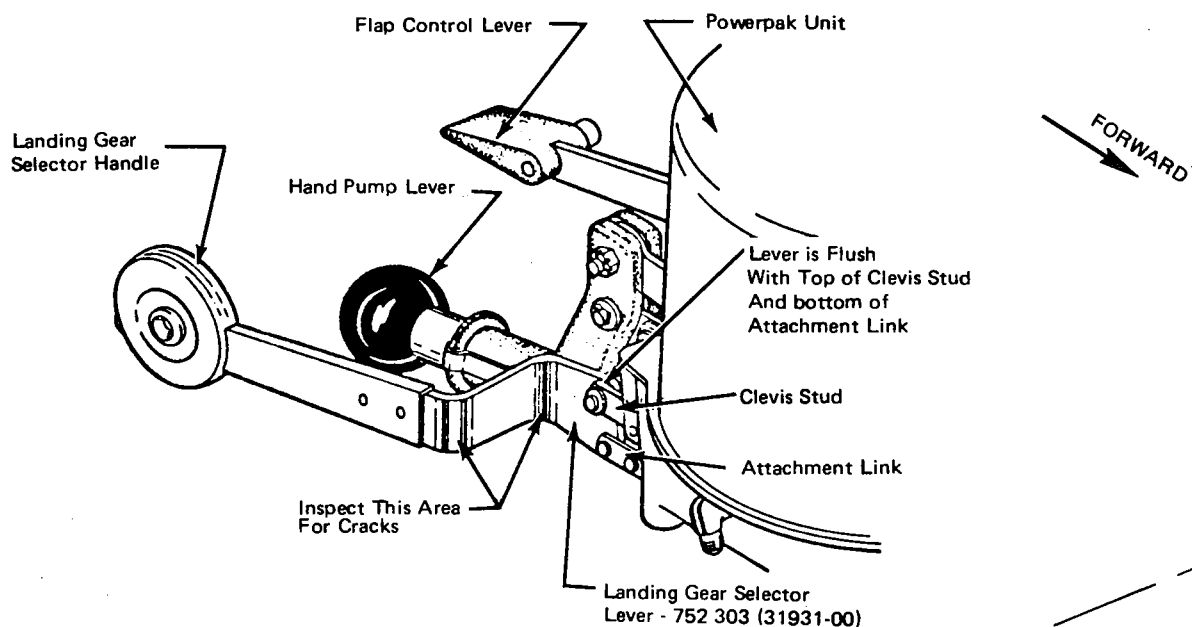
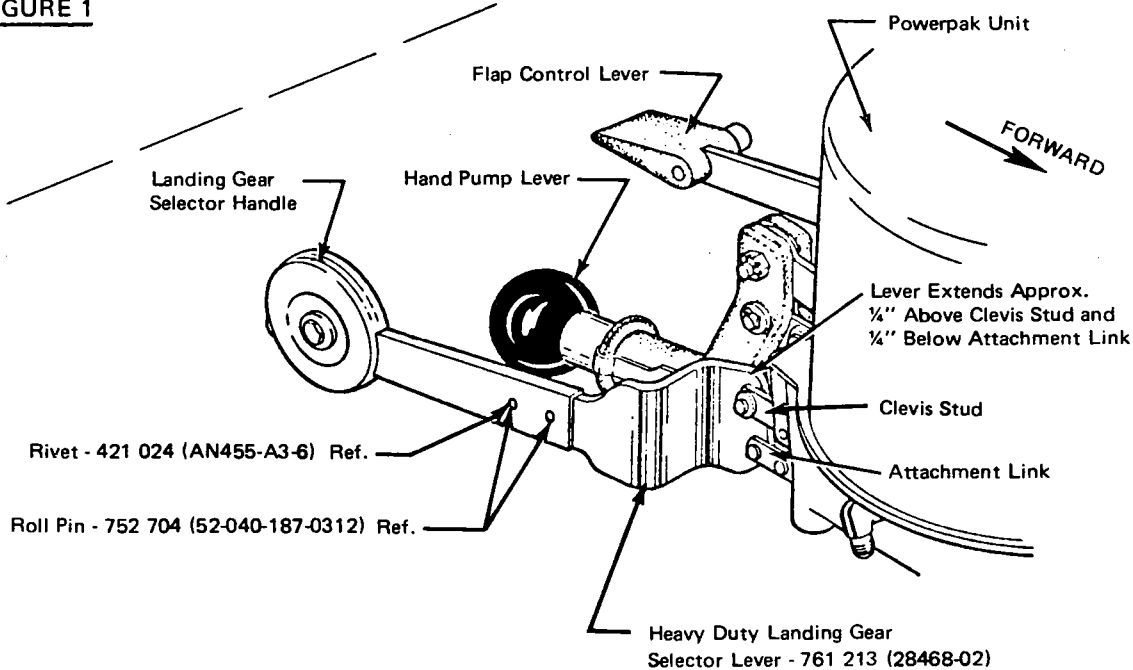
Your Piper Field Service Facility.

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 Bulletin in accordance with the provisions of Compliance Time, above.

**FIGURE 1****FIGURE 2****INSTRUCTIONS**

1. Remove the rectangular access plate from the right side of the control pedestal to gain access to the hydraulic powerpak.
2. Refer to Figure 1 and Figure 2 above. Inspect and determine which landing gear selector lever is installed on aircraft.
3. If the heavy duty landing gear selector lever Part No. 761 213 (28468-02) is installed, as shown in Figure 2, no further action is required. Proceed to step 5.
4. If the landing gear selector lever installed is Part No. 752 303 (31931-00), as shown in Figure 1, proceed to step 4a.
 - a. Inspect the two bend radii (See Figure 1) for evidence of cracks, using a 10X magnifying glass.
 - b. If no cracks are found, the landing gear selector lever must be inspected at each 100 hours of operation unless landing gear selector lever Part No. 761 213 (28468-02) is installed.
 - c. If cracks are found, replace existing landing gear selector lever with new heavy duty lever Part No. 761 213 (28468-02) as shown in Figure 2.
5. Reinstall rectangular access plate on right side of pedestal.
6. Make proper logbook entry of Service Bulletin 635 compliance.