

## IMMEDIATE ACTION

# SERVICE



# BULLETIN

NUMBER 126

October 18, 1954

**SUBJECT:** PA-23 Power Plant

**MODELS AFFECTED:** PA-23 - serial numbers listed below

We have received Service Reports from the field to the effect that the exhaust ejector tubes on some of the earlier PA-23 Models have been breaking. A new reinforced type of ejector tubes are available as replacements on airplanes serial 23-1 to 23-61 inclusive. The part number for the new tube on the right hand side is 18518-01 and for the left hand side is part number 18518-00.

It is possible that some of the airplanes in this serial number group have the new type ejector tubes installed and these can be identified by the three reinforcing bands around the tubes. The new style ejector tubes are available through your nearest Distributor or Dealer at No Charge and it is suggested that these tubes be changed at the first sign of trouble.

During the first 20-50 hours of operation on all PA-23 Apaches, the lower engine mounting rubbers have a tendency to take a permanent set and become slightly loose. This looseness contributes considerably to engine roughness and it is therefore requested that these mounting rubbers be kept tight at all times and be replaced at each 100 Hour Inspection.

Airplanes, serial 23-1 to 23-48 inclusive and 23-54 thru 23-56 inclusive, were delivered with an incorrect oil pressure by-pass spring. New springs, part number 752 930, can be obtained through your nearest Distributor or Dealer at No Charge and should be installed in the engines of the above mentioned airplanes at your earliest convenience. Installation instructions are with each spring.

**PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.**

There is a possibility that cracks may develop in the engine mount at a point where the curved tie tubes are welded to the engine mounting bushings. These cracks are caused by extremely fast engine idle between 700 and 800 RPM and by feathering the propellers excessively, especially on the ground. It is requested that the mounts on airplanes, serial 23-1 to 23-63 inclusive, be inspected every fifty (50) hours and that they be changed at the first engine overhaul, or if it becomes necessary to remove an engine for any other reason.

New type mounts, part number 17137-00 - left hand and part number 17137-01 - right hand, will be available through your nearest Piper Distributor or Dealer. Cracked mounts can be repaired in accordance with the CAA Manual No. 18 until new mounts are available.