



SERVICE No. 226 BULLETIN

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

December 20, 1965

SUBJECT: Replacement of Vacuum Pump Drive Couplings

MODELS AFFECTED: PA-23-235 Apaches, PA-E23-250 and PA-23-250 Aztecs, Serial Nos. 27-1 to 27-3076 incl. Equipped with the B. F. Goodrich Lightweight Pneumatic Deicing Pump System and/or the Minneapolis Honeywell H-14 AutoPilot.

COMPLIANCE DATE: Prior to but not later than next 25 hours of operation

We have been advised that the ARO vacuum pumps, models A-505-CDD and 21240, used when the B. F. Goodrich lightweight pneumatic deicing pump system and/or the Minneapolis Honeywell H-14 AutoPilot is installed, may be equipped with the incorrect vacuum pump drive couplings.

It is required, therefore, that the vacuum pump on each engine be removed and inspected as follows:

1. Remove the splined coupling assembly from the pump.
2. Look for the following ARO Corporation part numbers.
 - a. On the shell of the coupling, 903405
 - b. On the flanged drive of the coupling 903393

If either or both of the above numbers appear, then it is the proper coupling. If the above numbers do not appear, then it is not the proper coupling and it must be replaced.

All ARO vacuum pumps, models A-505-CDD (Piper part number 755 861) and 21240 (Piper part number 755 889) in field stocks must also have the couplings inspected as outlined above and replaced if necessary.

After it has been determined that the correct coupling is installed, either by inspection and/or replacement, the letter "-M" must be metal stamped on the pump name plate after the pump model No. A-505-CDD and the number "-2" after the pump model No. 21240.

N O T E

When the name plates on the subject pumps have been stamped in accordance with the preceding paragraph the following Piper part number will be assigned to each pump.

Pump A-505-CDD-M - Piper Part No. 757 214

Pump 21240-2 - Piper Part No. 757 215

(over)

Kit number 756 989 consisting of one (1) coupling and one (1) vacuum pump mounting gasket is available and may be obtained by submitting an order through your Piper distributor or dealer. Two kits will be required per airplane.

Credit will be issued for Kit, part number 756 989, providing the incorrect coupling is returned. Three (3) hours labor will be allowed, per airplane, upon receipt of a Warranty and Credit Claim.

N O T E

Compliance with the above will eliminate the requirements of B. F. Goodrich Bulletin No. D-65-30.