



# SERVICE BULLETIN

No. 138

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

May 9, 1955

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SUBJECT: PA-23 Hydraulic Actuating Cylinders

MODELS AFFECTED: PA-23 Serial Nos. 23-1 to 23-208 inclusive

From operational experience of the subject model airplanes, it has been found that the hydraulic actuating cylinders for the landing gear system and flap system can become damaged at the two end plug retaining pins due to excessive pressures caused by thermal expansion. It is, therefore, necessary that these actuating cylinders be replaced with reinforced cylinders at the earliest possible date.

Part 455 927 can be ordered through your nearest Piper Distributor on an exchange basis. Five hours of warranty labor will be granted upon receipt of duly executed warranty claim form through your Distributor.

It is requested that you place your order for replacement cylinders with your nearest Piper Distributor. The cylinders will be supplied on a memo charge basis. Upon receipt of these parts they should be installed immediately and the four unreinforced cylinders returned to the Distributor for credit.

Further, it is requested that until the reinforced cylinders are installed your present cylinders be inspected to ascertain if the end plug retaining pins are bent or the cylinder housing is cracked at the edge of the pins. If these pins are bent or the housing has cracks the Service Department of Piper Aircraft should be notified immediately.

End

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