

## IMMEDIATE ACTION

# SERVICE



# BULLETIN

NUMBER 121

August 25, 1952

SUBJECT: Oil Radiator Lines

MODELS AFFECTED: PA-18 "135", PA-18A "135", PA-20 "135" and  
PA-22 "135" Airplanes

It has been brought to our attention that on all Models which are equipped with the Lycoming O-290-D2 135 horsepower engines the oil radiator lines were out of alignment at the point where they pass through the rear engine baffle. This misalignment has caused the line to bear against the rubber grommet with sufficient pressure so that when the engine was in operation the vibration caused the grommet to wear through and allow the oil lines to chafe against the aluminum baffle. There is a possibility that excessive chafing might cause a leak to develop in the oil line and it is therefore requested that an immediate inspection be made to determine whether or not this condition exists.

It is requested that the holes in both rear baffles of all of the affected ships in the field be enlarged and a rubber grommet AN931-14-20, Piper part number 434 142, be installed. This grommet can be obtained through the Service Department of the Piper Aircraft Corporation, Lock Haven, Pennsylvania, free-of-charge. In order to preclude any further possibilities of interference it is also requested that the line be bent in such a manner so as to obtain perfect alignment through the hole.

All Production airplanes have been changed to incorporate the use of grommet AN931-14-20.

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