



**PIPER**

***Customer Services***

Piper Aircraft Corporation

# **SERVICE BULLETIN**

**No. 129**

Lock Haven, Pennsylvania, U.S.A.

December 28, 1954

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**SUBJECT: PA-23 Carburetor Air Box**

We have received a number of reports from the field regarding carburetor ice in the O-320 Lycoming engines installed in Apache airplanes.

A thorough investigation has been made and it was found that there was adequate heat to clear carburetor ice; however, due to excessive gap around the air box valve and a valve that was too flexible, the carburetor was taking in a considerable amount of cold air when the valve was in the "Carburetor Heat" position. This resulted in inadequate heat.

A new air box valve has been designed to eliminate this problem and should be installed in airplanes Serial Nos. 23-1 to 23-90 inclusive, and 23-92 immediately.

Two valves part #18616-00, four 6-32 x 3/8 machine screws #415 737, four Flex-loc nuts 22FT-632 #406 792 and installation instructions are being sent to each aircraft owner immediately.

Three hours warranty labor will be allowed and will be paid only upon receipt of a duly executed Warranty Claim form through the distributor.

**End**

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