

# SERVICE



# LETTER

Service Letter No. 169

April 20, 1951

To: All Distributors and Dealers  
Subject: Manifold Pressure Gauge Installation  
Models Affected: All 1951 Models

It has been brought to our attention that the manifold pressure gauges which are installed in the 1951 Model Airplanes are frequently giving unsatisfactory service. The cause for the improper operation of the instrument has been that gasoline or oil is being sucked into the instrument and either partially filling the instrument with liquid or clogging the restrictor orifice.

We have developed a simple remedy for this trouble, which requires the drilling of a Number 60 hole in the manifold pressure line at the bottom of the bend radius where it comes out of the intake manifold. The purpose of this hole is to provide a relief to the suction created by the instrument bellows as they return to a static position when the engine is stopped.

The above procedure has been recommended by the instrument manufacturer and we feel that it should eliminate most of the problems in the field.

Very truly yours,

PIPER AIRCRAFT CORPORATION

A handwritten signature in dark ink, appearing to read "R. Boardman", written over the typed name.

Rolland Boardman  
Service Manager

RB:lj

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