

IMMEDIATE ACTION

SERVICE



BULLETIN

NUMBER 31

Aug. 1, 1940

Rev. Date: 2-18-46

SUBJECT: Fuel Tank Strainers

MODELS AFFECTED: J5 Cubs, Serial Nos. 5-3 to 5-137 incl., 5-139 to 5-143 incl., 5-145 and 5-147 to 5-161 incl.

It is a requirement of the C.A.A. that fuel tanks of the type in this model shall be equipped with finger strainers at the tank outlets.

The tank in your airplane does not have these strainers and it is necessary for compliance with the Civil Air Regulations for them to be installed as soon as possible.

Two strainers are required for each wing tank and no other parts nor any special tools will be required to make the installation.

In order that we may be sure that you have received the parts we request that upon installation of them you notify us of the fact on the enclosed stamped addressed post card.

An appropriate entry should be made in the airplane log book upon completion of the installation of the finger strainers.

Use the following procedure for finger strainer installation:

1. Drain fuel system.

Drain fuel system from forward fuel strainer. Only wing tank, and that portion of gas line from wing tank to hose connection in cockpit at top of door need be drained.

2. Disconnect Gas Line Hose Connections.

The gas line hose connections (both front and rear) are to be disconnected from that section of line that attaches to the wing tank.

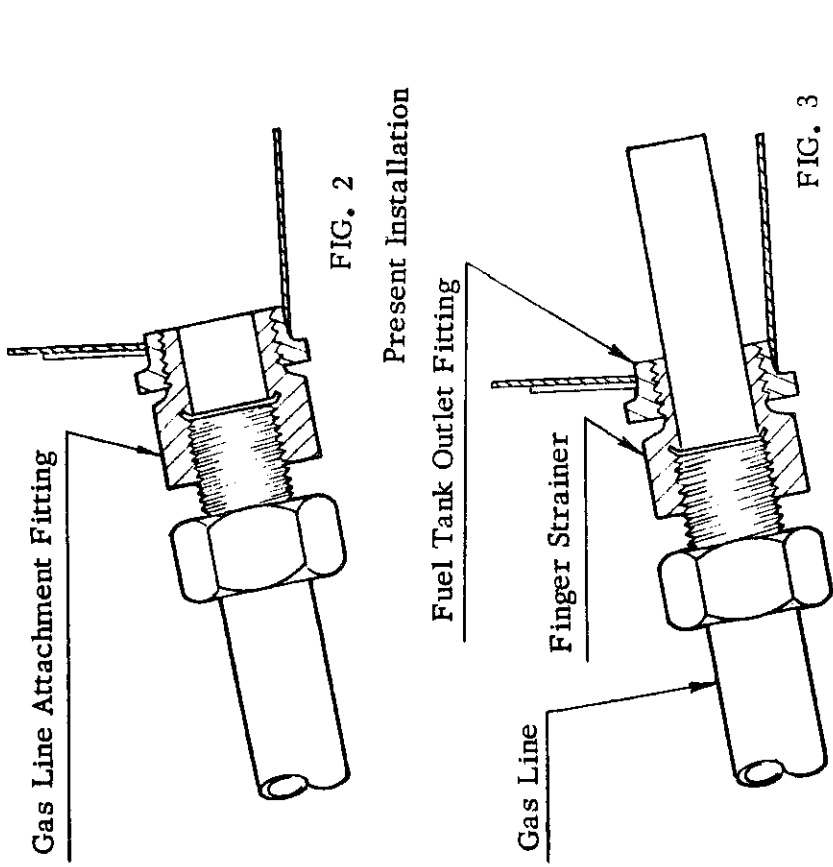
PIPER AIRCRAFT CORPORATION, LOCK HAVEN, PA., U. S. A.

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3. Remove Inspection Cover Plate — See Figure 1.
4. Remove Wing Butt Fairing Strip—Center Section Only—See Figure 1.
5. Disconnect Gas Lines From Front and Rear Outlets of Wing Tank.

Extreme care should be taken when disconnecting the gas lines from the wing tank so that the line does not kink or twist and break off. See Figure 1 and Figure 2.

6. Remove the Gas Line Tank Attachment Fitting and Replace with Finger Strainer.



Installation As
Req'd. by C.A.A.A.

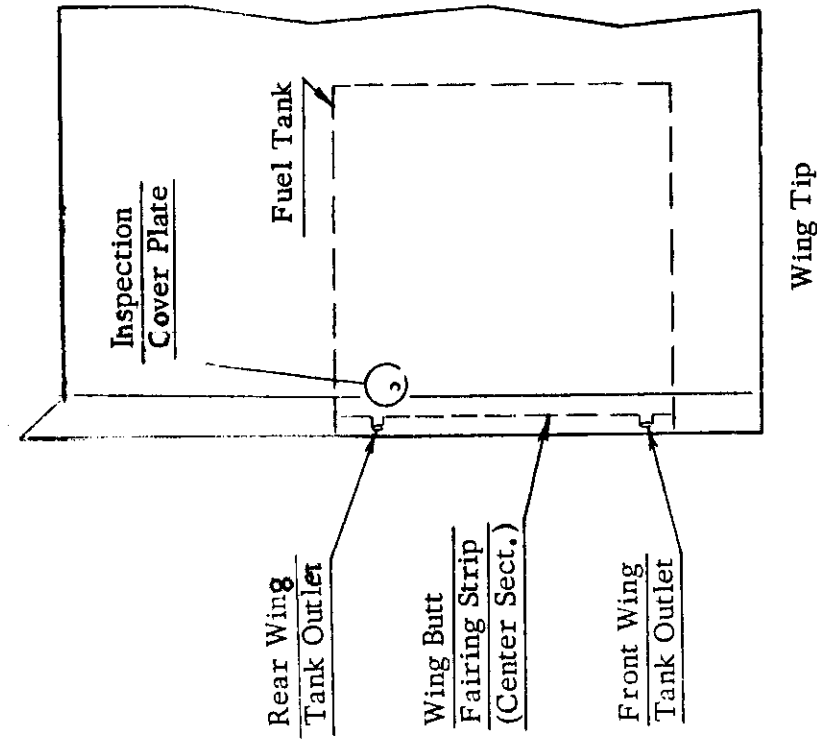


FIG. 1

Bottom View of Right Wing