

SERVICE LETTER

No. 910

Piper Aircraft Corporation

FAA DOA SO-1 Approved

Lock Haven, Pennsylvania, U.S.A.

December 29, 1980 S

Subject:

Engine Oil Quick Drain Valve

Models Affected:

PA-28R-200 Arrow II
PA-28R-201 Arrow III
PA-28RT-201 Arrow IV

Serial Numbers Affected:

28R-35001 through 28R-7635545
28R-7737001 through 28R-7837317
28R-7918001 through 28R-8118047

Compliance Time:

Recommended within the next one hundred (100) hours of operation or to coincide with the next regularly scheduled inspection event, whichever occurs first.

Purpose:

Despite previous efforts to make maintenance personnel aware of correct oil quick drain valve installations on the PA-28R-200, PA-28R-201, and the PA-28RT-201, reports have still surfaced of incorrect oil quick drain valves being installed. When this occurs, it is possible that during nose landing gear retraction the incorrect oil quick drain valve may come into contact with the nose landing gear drag link, become actuated and allow the engine oil to be drained out in flight, causing total power loss and engine seizure.

This Service Release announces the availability of warning placards (that provide precautionary information on the installation of the correct oil quick drain valve). The placards should be installed on each side of the engine mount in the area of the oil quick drain valve.

Instructions:

1. Gain access to the lower engine mount (beneath intake and exhaust tubes).
2. Install placard, Piper Part Number 87369-26V, two (2) places, per Sketch 1.
3. Determine if correct oil quick drain valve is installed, refer to Sketch 2. If incorrect valve is installed, remove incorrect valve and install correct valve, Piper Part Number 492 172V, and safety wire, using .032 safety wire.
4. Re-install items removed in Instruction 1 and make appropriate log book entry of compliance with this Service Release.

(over)

Material Required:

Two (2) each Placards, Piper Part Number 87369-26V, and if required by Instruction 3, one (1) each Oil Quick Drain Valve, Piper Part Number 492 172V.

Availability of Parts:

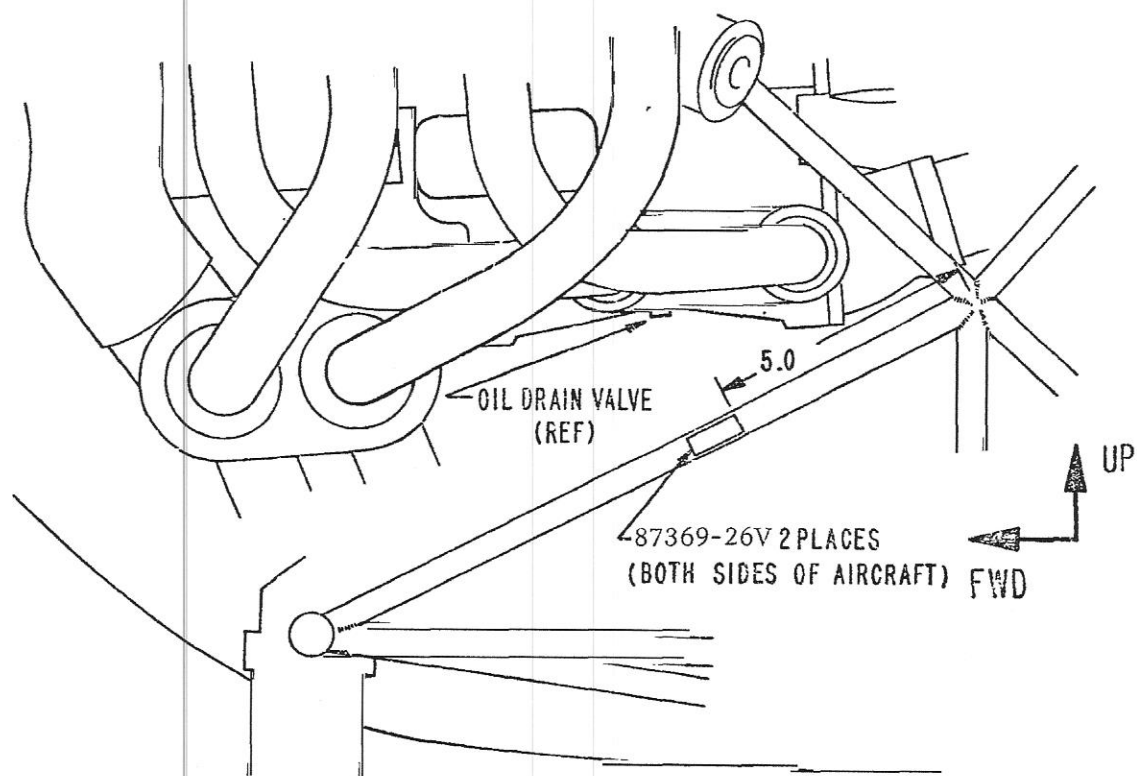
Your Piper Field Service Facility.

Effectivity Date:

This Service Release is effective upon receipt.

Summary:

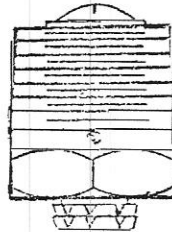
Please contact your Piper Field Service Facility to make arrangements for compliance with the provisions of this Service Release in accordance with the Compliance Time, indicated.



SKETCH 1

Correct Oil Quick Drain Valve

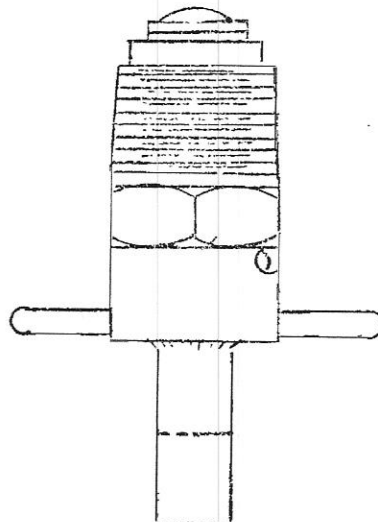
PA-28R-200; PA-28R-201; PA-28RT-201



Oil Quick Drain Valve

Piper Part Number 492 172V

Incorrect Oil Quick Drain Valve



Do Not Use This Oil Quick Drain Valve

On Any PA-28R-200; PA-28R-201; or PA-28RT-201