



# SERVICE BULLETIN

No. 663

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

Modification FAA DOA EA-1 Approved

September 24, 1979 M

Subject: Fuel Line/Electrical Harness Inspection

Models Affected: PA-23-250 Aztec

Serial Numbers Affected: 27-2505 through 27-7954119

Compliance Time: Within the next one hundred (100) hours of operation or at the next scheduled inspection, whichever occurs first.

Purpose:

Field reports have been received of the electrical harness coming into contact with fuel lines from the electrical fuel pump in the area aft of the engine firewall. Such contact could result in chafing of the fuel line and, if uncorrected, could present a fire hazard.

This Service Release provides instructions for the inspection of the fuel lines and electrical harness in the affected area to insure adequate clearance between the electrical harness and the fuel lines. Repositioning of the electrical harness and/or replacement of the fuel lines may be necessary.

Instructions:

Perform the following procedure on left and right engines.

1. Remove access cover assemblies to gain access to the area aft of the firewall.
2. Refer to attached sketch. Inspect to insure electrical wiring harness is not in contact with the fuel line in the area of the electrical fuel pump or the fuel crossfeed line.
3. If harness is in contact with a fuel line, reposition electrical harness and secure with ty-raps or clamps.
4. Inspect fuel lines for evidence of chafing. If fuel line is not in airworthy condition, replace it before further flight. Refer to Parts Catalog for appropriate replacement part.
5. Reinstall access cover assemblies.
6. Make appropriate logbook entry of compliance with this Service Release.

(over)

Material Required:

Only if fuel line is found to be damaged, refer to Parts Catalog for appropriate replacement part.

Availability of Parts:

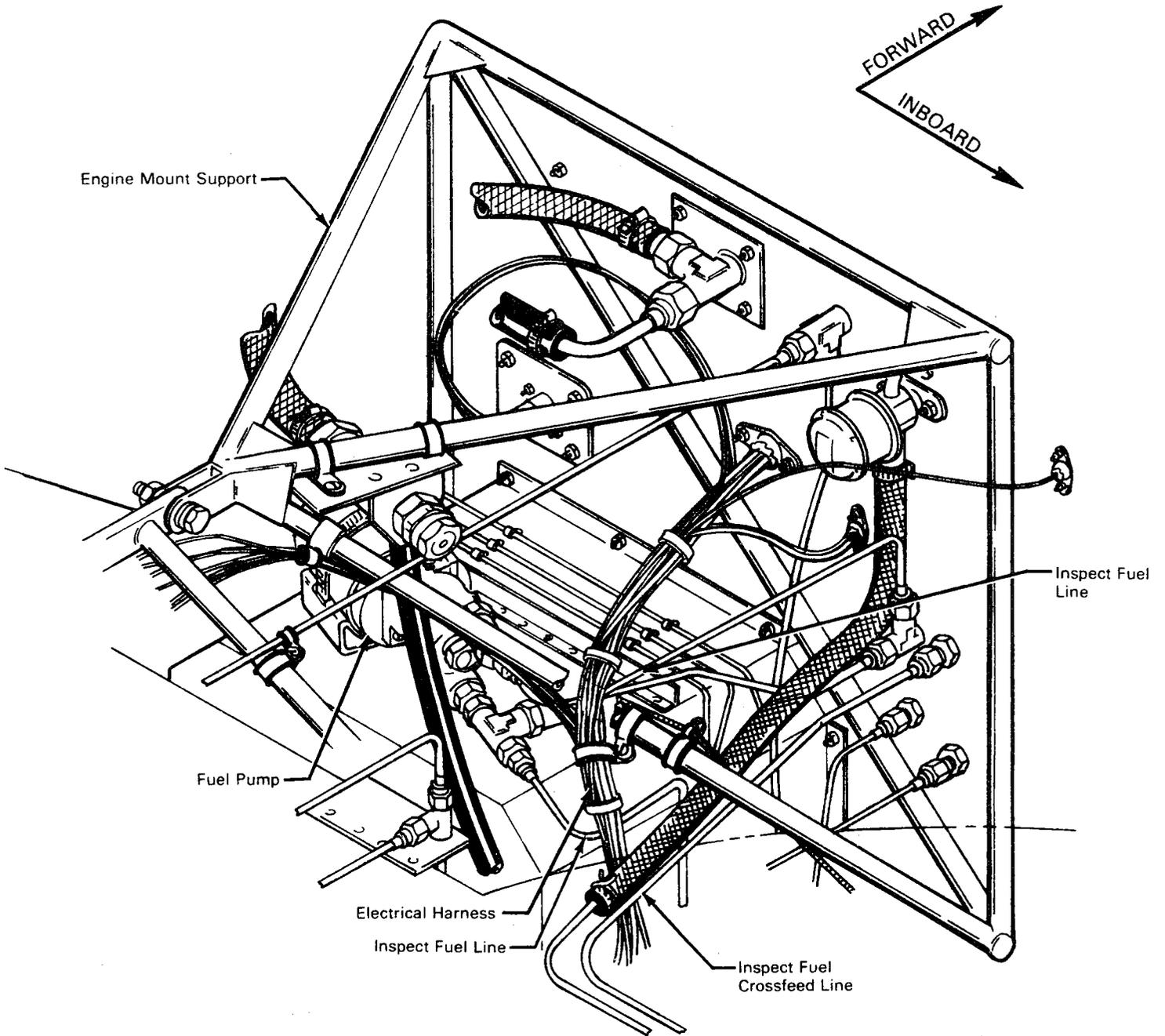
Your Piper Field Service Facility.

Effectivity Date:

This Service Release is effective upon receipt.

Summary:

Please contact your Piper Field Service Facility to arrange for compliance with this Service Release in accordance with Compliance Time, above. For aircraft in their warranty period reimbursement for up to one (1) hour labor is available through the respective labor credit application procedure of your Piper Field Service Facility.



LEFT ENGINE NACELLE SHOWN  
RIGHT ENGINE NACELLE OPPOSITE