



# SERVICE BULLETIN

No. 423

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

March 13, 1974

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Subject: Propeller Electric De-Icer Solenoid Replacement

Models Affected: PA-31P Navajo

Serial Numbers Affected: 31P-1 to 31P-7400204 incl. (with either factory installed propeller electric de-icer equipment or Piper service field installation kit no. 760 566, Propeller Electric De-Icer Installation)

Compliance Time: At the next 100-hour inspection or annual inspection, whichever occurs first -- not to exceed the next 100 hours of operation.

Purpose: To announce a propeller electric de-icer system refinement consisting of a change from the existing "intermittent" type solenoid to a "continuous operation" type solenoid. The new "continuous operation" solenoid is designed to provide increased reliability and extended service life.

Instructions:

1. Solenoid replacement -- refer to attached sketch/instruction data for solenoid replacement instructions.
2. Subsequent to solenoid replacement, check operation of the propeller de-icer system in accordance with the Pressurized Navajo Service Manual, Section XIV, Accessories and Utilities, De-Icer System Operational Check.
3. Make appropriate log book entry.

Material Required: One (1) each per aircraft (see Serial Numbers Affected, above) solenoid assembly -- propeller electric de-icer, Piper Part No. 487 167 (reference Part No. 26898-05).

Availability of Parts: Your Piper Field Service Facility.

Effectivity Date: This Service Bulletin is effective March 29, 1974.

Summary: Please make arrangements with your Piper Field Service Facility to comply with the provisions of this Service Bulletin as specified in Compliance Time, above. Replacement material relative to this service release is available free

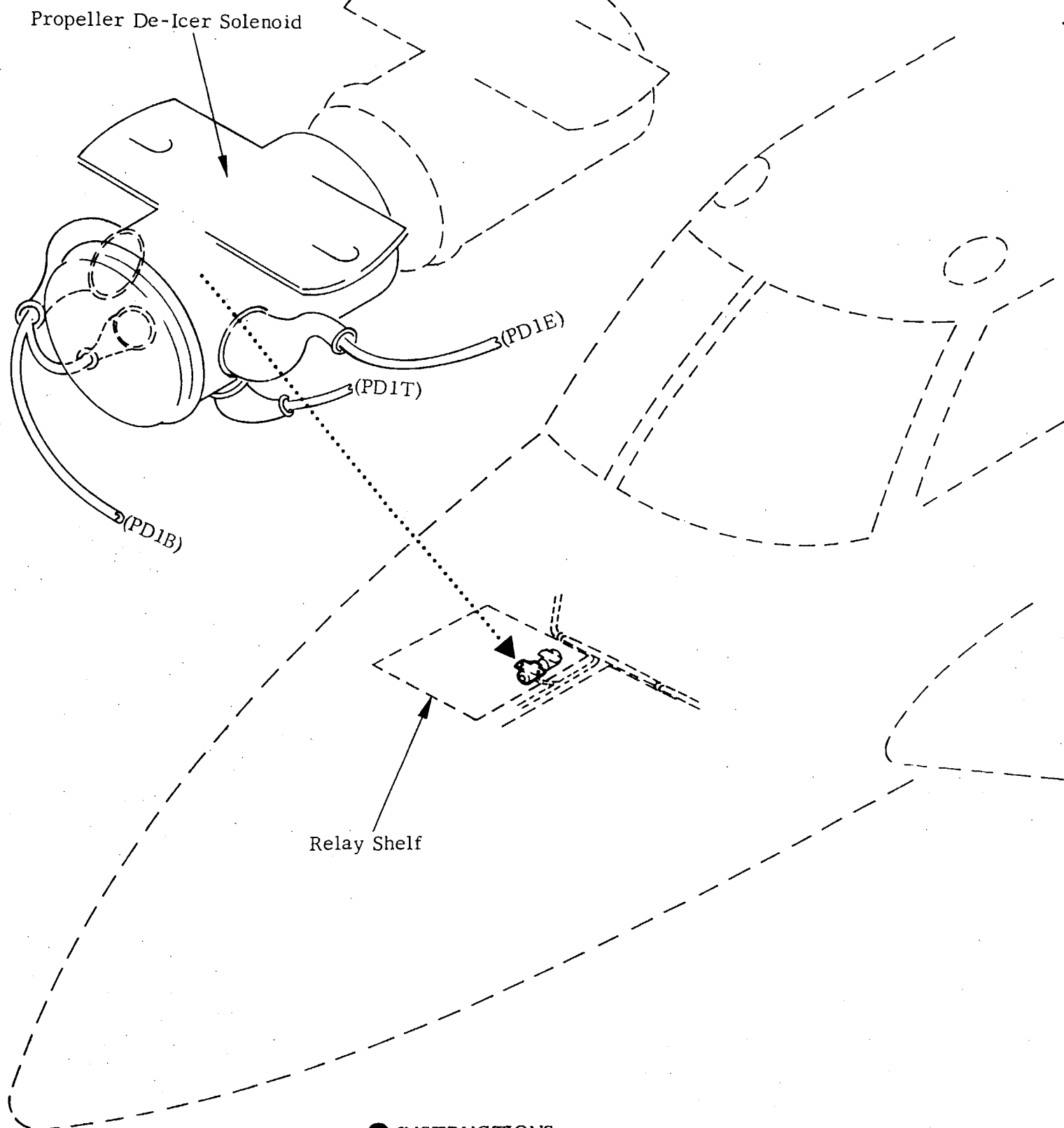
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Summary: (continued)

of charge through your Piper Field Service Facility, as long as the replacement is accomplished by a Piper Field Service Facility.

A Service Publication Compliance form is enclosed with copies of this service release mailed to affected owners of record; this form is to be filled out according to instructions on the form reverse side and left with the Piper Field Service Facility performing the modification.



● INSTRUCTIONS

1. Remove access panel from right side of forward fuselage to gain access to the relay shelf.
2. Disconnect wires from existing propeller de-icer solenoid and remove solenoid.
3. Install new solenoid P/N 26898-05 and reconnect wires as shown.
4. Reinstall access panel.