



Modification FAA Approved

S.A. 31T-9
May 4, 1983

To: All affected T-1040 Owners and Piper Corporate Aircraft Centers.

Subject: Heater Overtemp Switch Replacement

Models Affected:

PA-31T3 T-1040

Serial Numbers Affected:

31T-8275001
31T-8275003 through 31T-8275009 and 31T-8275025

Purpose:

Our records indicate that each of the affected aircraft is equipped with a Piper P/N 757 604 (Janitrol D07D29) Limit Switch (overheat). This switch will not automatically reset after the heater has cooled and will not allow the heater electric circuit to be reset from the cockpit once it has been deactivated.

This Service Release announces the availability of a Janitrol 56D01-1 (Piper P/N 762-463) automatic resetting Limit Switch (overheat). Once installed, the new switch will allow the heater electric circuit to be reset after the heater has cooled.

Instructions:

1. Remove the access panel from the right side of the nose.
2. At the Limit Switch (overheat), label the three wires as to which terminal they connect.
3. Disconnect the wires from the switch and remove the hardware securing the switch to the heater.
4. Remove the switch. If the switch is sealed to the gasket or if the gasket is damaged when the switch is removed, replace the gasket.
5. Install the new automatic Limit Switch (overheat), P/N 764-463, and connect the wires to their respective terminals.
6. Untape the insulation forward of the ignition unit and peel it back to gain access to the identification plate. The plate is secured to the outboard side of the heater can, either to the rear or below the boss for the ignitor plug.

ATA: 2140

(over)

S. A. 31T-9
May 4, 1983

Instructions:

7. Check to make sure that the serial number on the identification plate installed on the heater matches the serial number on the plate included with this Service Release. If the numbers do not match, contact the Piper Product Support Department in Lock Haven, PA. to obtain a new plate with a matching serial number.
8. Peel off the old identification plate from the heater, and attach the new one by peeling off the backing and pressing it against the side of the heater.
9. Resecure the heater insulation with high temperature tape, and check for proper heater operation.
10. Reinstall the access panel.
11. Make appropriate logbook entry of compliance.

Material Required:

One (1) each per aircraft, Limit Switch (overheat), Piper P/N 762-463.

One (1) each per aircraft, heater serial number Identification Plate.

One (1) each per aircraft, as required, Gasket, Piper P/N 751-874, for the Limit Switch (overheat).

Availability of Parts:

Required parts are enclosed with this Service Release. If another Identification Plate is required as described in the Instructions, contact the Product Support Department at the Lock Haven, PA, Piper Manufacturing Facility.

Effectivity Date:

This Service Release is effective upon receipt.

Summary:

Please contact your Cheyenne or Airline Support Center, as applicable, to arrange compliance with this Service Release.

Credit is available for up to one half (.5) hour labor. Comply with Product Condition/Compliance Report procedure.