



SERVICE BULLETIN

No. 640

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

Modification FAA/DOA EA-1 Approved

June 22, 1979

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Subject:

Electroluminescent Panel Inverter Replacement and/or Relocation

Models Affected:

PA-31T1 Cheyenne I
PA-31T Cheyenne/Cheyenne II

Serial Numbers Affected:

31T-7804001 through 31T-7904016
31T-7400002 through 31T-7920036

Compliance Time:

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

Purpose:

Reports have been received of shorting of electroluminescent panel inverters, creating smoke in the cockpit.

Corrective action includes replacing the existing inverter with a new, heavy-duty inverter on aircraft which have not had the heavy-duty inverter factory-installed and relocating the inverter from the cabin overhead panel area in the nose section in all affected aircraft. This Service Release announces the availability of an appropriate kit which provides material and instructions for accomplishment of the necessary corrective action.

Instructions:

Instructions are included in the appropriate kit. Identify the aircraft by serial number and order the required kit as specified in Material Required, below.

Material Required:

1. One (1) each per aircraft, Electroluminescent Panel Power Supply Inverter Replacement Kit (Piper Part No. 763 929) at a suggested unit list price of \$44.75 C each for the following aircraft only:
 - a. PA-31T1 Cheyenne I with serial numbers 31T-7804001 through 31-7804004.
 - b. PA-31T Cheyenne/Cheyenne II with serial numbers 31T-7400002 through 31T-7820077.

(over)

Material Required: (continued)

2. One (1) each per aircraft, Electroluminescent Panel Power Supply Inverter Relocation Kit (Piper Part No. 763 944) at a suggested unit list price of \$2.15 C each for the following aircraft only:
 - a. PA-31T1 Cheyenne I with serial numbers 31T-7804005 through 31T-7904016
 - b. PA-31T Cheyenne/Cheyenne II with serial numbers 31T-7820078 through 31T-7920036.

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 Compliance Time, above. For aircraft in warranty only, reimbursement is available for material and for up to a maximum of four (4) hours for labor. Comply with the respective material/labor allowance procedure of your Piper Field Service Facility.