



SERVICE BULLETIN

No. 484

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"DOA EA-1 Approved"

December 5, 1975 M

Subject:

Starter Generator System Modification.

Models Affected:

PA-31T Cheyenne

Serial Numbers Affected:

31T-7400002 to 31T-7620009 Inclusive
(See NOTE in Instructions, below)

Compliance Time:

At the next Programmed Inspection Event, not to exceed the next fifty (50) hours of operation.

Purpose:

A report has been received from the field describing an electrical system voltage regulator/over-voltage relay malfunction. This condition was attributed to a current surge bypassing the over-voltage relay and being induced directly into the voltage regulator, thereby rendering the voltage regulator inoperative, with subsequent related electrical system damage.

This service release provides instructions to modify the starter generator system to relocate the left and right voltage regulator circuit breaker wires to the left and right over-voltage relay, and to relocate the starter generator wires from engine firewall electrical connectors through an existing firewall grommet.

Instructions:

Contained in Starter Generator System Modification Kit, Piper part number 761 019.

NOTE:

Reference kit 761 019 Instructions, section A, "Relocation of wires from left and right voltage regulator circuit breaker to left and right over-voltage relay"; aircraft serial numbers 31T-7620002, 31T-7620005, to 31T-7620009 inclusive are not affected by this section.

Material Required:

One (1) each per aircraft Starter Generator System Modification Kit, Piper part number 761 019.

Availability of Parts:

Your Piper field service facility.

(over)

Effectivity Date:

This service bulletin 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. Material required for this modification is available free of charge through your Piper field service facility for a period of time not to exceed twelve (12) months from the issue date of this service release.