



SERVICE BULLETIN

No. 660

Piper Aircraft Corporation
Modification FAA DOA EA-1 Approved

Lock Haven, Pennsylvania, U.S.A.
September 26, 1979 M

Subject:

Gyro Inverter Power Selector Switch
Guard Installation

Models Affected:

PA-31T1 Cheyenne I

Serial Numbers Affected:

31T-7804001 through 31T-7904057

Compliance Time:

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

Purpose:

It has been determined that inadvertent movement of the Gyro Inverter Power Switch is possible. Movement of the switch to the "OFF" position in flight would result in shutdown of the Autopilot/Flight Director and loss of artificial horizon attitude presentation.

This Service Release provides instructions for the installation of a guard which is designed to prevent inadvertent movement of the switch.

Instructions:

Refer to attached Sketch/Instruction data.

Material Required:

One (1) each per aircraft: Switch Guard, Gyro Inverter Power, Piper Part
Number 29321-02.

Availability of Parts:

Your Piper Field Service Facility.

Effectivity Date:

This Service Release is effective upon receipt.

(over)

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. Reimbursement for material required is available through the respective material credit application procedure of your Piper Field Service Facility.

This offer remains in effect for a period of time not to exceed 180 days from the date of this Service Release.

INSTRUCTIONS

1. Remove the nut which secures the switch labeled "Inverter Power" to the left avionics circuit protector panel. (Note: On PA-31T aircraft equipped with Altimatic M-4D F/D AutoPilot, switch is labeled "Gyro Power").
2. Install switch guard (P/N 29321-02) over switch insuring key on guard is engaged in switch key slot.
3. Reinstall nut on switch and tighten.
4. Make proper Logbook entry of Service Bulletin compliance.

