



# SERVICE LETTER

No. 977

March 1, 1985

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Piper Aircraft Corporation

FAA Approved

Vero Beach, Florida, U.S.A.

PIPER CONSIDERS COMPLIANCE MANDATORY

SUBJECT: Dynamic Stability Improvement Kit

MODELS AFFECTED: SERIAL NUMBERS AFFECTED:

PA-31T Cheyenne/Cheyenne II

31T-7400002 through 31T-7720069  
31T-7820001 through 31T-7920052  
31T-7920054 through 31T-7920094

COMPLIANCE TIME: At the next scheduled inspection event or within six (6) months from receipt of this Service Release, whichever occurs first.

PURPOSE: Piper Aircraft Corporation, in a continuing effort to improve its products, has developed a kit to upgrade the Flight Control System in the earlier Model Cheyenne and Cheyenne II Aircraft. This upgrade kit contains a bobweight found on the 1980 and up Cheyenne II Aircraft. The effect of the bobweight installation will be to provide improved dynamic longitudinal stability.

INSTRUCTIONS: All instructions and materials to accomplish this product improvement are contained in the Dynamic Stability Improvement Kit, Piper Part Number 765-158. This modification kit is offered free of charge to owners.

MATERIAL REQUIRED: One (1) each Dynamic Stability Improvement Kit, Piper Part Number 765-158, per aircraft.

AVAILABILITY OF PARTS: Your Cheyenne Service Facility.

EFFECTIVITY DATE: This Service Letter is effective upon receipt.

SUMMARY: Please contact your Piper Approved Cheyenne Service Facility to make arrangements for compliance with the provisions of this Service Release in accordance with the Compliance Time indicated above.

NOTE: This Dynamic Stability Improvement Kit must be installed by a Piper Approved Cheyenne Service Center.

Factory financial participation will remain in effect for a period of time not to exceed 180 days from the date of this Service Release.

ATA: 2730