



SERVICE LETTER

No. 840

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

August 29, 1980 M

Subject: Air Conditioning System Refinements

NOTE: This Service Letter announces two (2) refinement kits for the Cheyenne Air Conditioning system. Refer to each separate Part, below, for specific Subject, Serial Numbers Affected, Purpose, etc.

Models Affected:

Serial Numbers Affected:

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

Refer to each Part for specific
Serial Numbers

PART I

Subject: Condenser Fan Motor Support Bracket Replacement

Models Affected:

Serial Numbers Affected:

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

31T-7400002 through 31T-8020026
31T-7804001 through 31T-8004014

Compliance Time: At owner/operator's discretion.

Purpose:

To announce the availability of a field kit which contains instructions and material for the replacement of the existing air conditioner condenser fan mounting bracket with the heavy duty mounting system recently incorporated on production aircraft.

Instructions: Contained in Piper Kit 764 034.

Material Required:

One (1) each per aircraft: Condenser Fan Motor Support Bracket Replacement Kit, Piper Part Number 764 034.

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PART II

Subject: Unpressurized Air Source Annunciator Light
and Freon Pressure Limiting Device Installation.

Models Affected:

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

Serial Numbers Affected:

31T-7400002 through 31T-8020036
31T-7804001 through 31T-8004019

Compliance Time:

At owner/operator's discretion.

Purpose:

To announce the availability of a field kit which contains instructions and material for the installation of an "Unpressurized Air Source" annunciator light and a freon system pressure limiting device. The annunciator light indicates that an unpressurized air source ("Outside Air" or "Recirculate" mode) is selected. The freon pressure limiting device provides increased service life of the drive system, particularly in aircraft that regularly operate in high ambient temperatures.

Instructions:

Contained in Piper Kit 764 035.

Material Required:

One (1) each per aircraft: Unpressurized Air Source Light and Overpressure Switch Installation Kit, Piper Part Number 764 035.

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 arrange for incorporation of either or both of the above described refinements. In order to avoid unnecessary down time, it is recommended that the modifications be scheduled to coincide with a regularly scheduled inspection/maintenance event.

NOTE: Please refer to Piper Service Spares Letters Number 370
and 372 for additional Cheyenne Air Conditioning refinements.