



SERVICE No. 392 BULLETIN

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

"FAA DOA EA-1 Approved"

July 11, 1973

Subject: V Series Automatic Flight Control System Precautionary Operating Placard and System Modification

Models Affected:

Only aircraft listed below with AltiMatic V, V-1, V F/D or V F/D-1 Automatic Flight Control Systems with Bendix co-pilot gyros (i.e., AutoPilot drive capability) installed.

Serial Numbers Affected:

PA-31 Navajo

PA-31-350 Navajo Chieftain

PA-31P Navajo

31-660, 31-712 to 31-7300966 incl.

31-5001 to 31-7305082 incl.

31P-1 to 31P-7300145 incl.

Compliance Time:

- I. Placard Installation: Prior to next flight.
- II. Modification: Immediately subsequent to availability of material.

Purpose:

It has been reported that, in certain instances, aircraft equipped as described in Models Affected and Serial Numbers Affected above while operating on the co-pilot (back-up) gyros in the coupled reverse approach mode may not function properly.

A modification to rectify this condition is under development; however, it is required that a temporary placard (described below) be installed in a conspicuous location on the instrument panel in full view of the pilot to prevent use of the co-pilot (back-up) gyros for coupled reverse approaches.

This placard shall remain in effect until superseded by the installation of the modification referred to in Material Required below.

Instructions:

1. Fabricate a placard using 1/8" minimum size type -- as follows:

"DO NOT OPERATE IN COUPLED REVERSE
APPROACH MODE WITH CO-PILOT (BACK-UP)
GYROS ENGAGED."

This placard may be fabricated by the aircraft owner/operator.

2. Mount this placard in a conspicuous location on the instrument panel in full view of the pilot.

(over)

Instructions: (continued)

3. Make appropriate log book entry.

Material Required:

One (1) each per aircraft AltiMatic V Series Co-Pilot Wiring Modification Kit, Piper Part No. 760 793.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Bulletin is effective July 16, 1973.

Summary:

Please contact your Piper Dealer to make arrangements for completion of the above referenced modification; necessary modification material will be provided free of charge and labor allowance will be offered providing the modification is performed by a Piper Dealer. Until this modification is accomplished, the placard referred to above shall remain in effect.