



# SERVICE LETTER

No. 857

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

February 7, 1979 M

Subject:

Propeller Beta Switch Replacement

Models Affected:

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

Serial Numbers Affected:

31T-7400002 through 31T-7820057  
31T-7804001 through 31T-7804004

Compliance Time:

At owner/operator's discretion, recommended  
at the next scheduled Continuous Inspection Event.

Purpose:

The propeller beta switch assembly installed on the above referenced aircraft is susceptible to environmental contamination that, over a period of time and unless inspected and maintained periodically, may cause premature wear of the beta switch components and possible inadvertent activation of the lock pitch solenoid, resulting in the propeller going slowly into feather.

This service release announces the availability of a propeller beta system product refinement kit, containing material and instructions to replace the existing beta switch assemblies with a refined assembly, featuring improved components (such as more wear-resistant feedback ring follower shaft, follower shaft bushing, etc.) enclosed in a protective container. This product refinement is designed to alleviate inadvertent propeller feathering due to beta switch contamination, and to extend the service life of the beta switch system.

Instructions:

Contained in Beta Switch Replacement Kit, Piper part number 763 839.

Material Required:

One (1) each per aircraft Beta Switch Replacement Kit, Piper part number 763 839 (each kit contains two new switch assemblies and related material) at a suggested unit list price of \$205.00A.

(over)

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 make arrangements to install the above referenced product refinement item.