



SERVICE LETTER

No. 639

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

December 20, 1972

Subject:

Alternator Field Switch Guard Modification

Models Affected:

PA-31P Navajo

Serial Numbers Affected:

31P-1 to 31P-57 incl., 31P-59, 31P-60 and 31P-66

Compliance Time:

At the next 100-hour inspection or annual inspection, whichever occurs first.

Purpose:

The alternator field control switch guards, which are spring loaded metal "hoods" covering the right side panel mounted alternator field control "on-off" toggle switches, protect the toggles from accidental switch operation during performance of flight operation routines. However, it has been reported that due to the close tolerance between the underside of the switch guard and the corresponding toggle (especially when in its normal "on" position), inadvertent bumping or sudden force against the switch guard can de-activate the switch, with resulting interruption to the alternator field circuit.

This service release provides material and instructions to apply a 1/8" x 1/4" x 3/4" silicone sponge rubber pad to the inside of the alternator field control switch guards. The silicone rubber pads will act as a cushion between the switch guard and the toggle switch.

Instructions:

Contained in Kit No. 760 721, Alternator Field Switch Guard Modification.

Material Required:

One (1) each (per aircraft) Piper Part No. 760 721, Alternator Field Switch Guard Modification.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Letter is effective December 29, 1972.

Summary:

Please contact your Piper Dealer to make arrangements for compliance with this Service Letter as specified in Compliance Time, above. The material is available to you free of charge through your Piper Dealer providing Piper Dealer/Distributor material credit application procedures are adhered to. Time required for installation is negligible.