



# SERVICE LETTER

No. 691

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

November 12, 1973

Subject:

Cigar Lighter Circuit Protector Replacement

Models Affected:

PA-31P Navajo

Serial Numbers Affected:

31P-7300153 to 31P-7300155 incl., 31P-7300157,  
31P-7300159 and 31P-7300161.

Compliance Time:

Within the next 100 hours of operation.

Purpose:

On the above referenced aircraft, three cigar lighters are installed as standard equipment. One cigar lighter is located on the pedestal for pilot/co-pilot use, and one each on the left and right window trim panels for passenger use. It has been reported that the resistors in the existing cigar lighter electrical circuit may over-heat (in the event of a short circuit) prior to the circuit protector opening.

This service release provides material and instructions to replace the existing 10 amp cigar lighter circuit protector with a 5 amp circuit protector, which is designed to allow the circuit protector to open prior to the resistor becoming overheated.

Instructions:

1. Circuit protector replacement instructions are contained in Piper Kit No. 760 809, Circuit Protector Replacement.
2. Instructions for proper use of the cigar lighters is contained in the Pressurized Navajo Pilot's Operating Manual (Part No. 753 768) Revision No. PR730919, a copy of which is enclosed in each Circuit Protector Replacement Kit.

Material Required:

One (1) each per aircraft Piper Part No. 760 809, Circuit Protector Replacement Kit.

Availability of Parts:

Your Piper Dealer.

Effectivity Date:

This Service Letter is effective November 23, 1973.

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Summary:

Please contact your Piper Dealer to make arrangements for compliance with the provisions of this service release in accordance with Compliance Time, above. Material required for this modification is provided free of charge (until May 30, 1974) through your Piper Dealer, if the installation is performed by a Piper Dealer. Labor time required for this modification is negligible.

A Piper Service Publication Compliance form is enclosed with each copy of this service release mailed to affected owners of record. Subsequent to compliance, owners/operators are to fill out the enclosed form per instructions on the reverse side of the form (bottom copy) and leave the form with the Piper Dealer performing the modification.