



SERVICE LETTER

No. 739

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

June 2, 1975 M

Subject:

Cabin Door Refinements

Models Affected:

PA-31-300, PA-31-310 and
PA-31-325 Navajo
PA-31-350 Navajo Chieftain

Serial Numbers Affected*

31-2 to 31-7512029 inclusive
31-5001 to 31-7552052 inclusive

*The three (3) phases of this refinement program affect differing groups of aircraft; refer to Material Required, below, for specific aircraft application.

Compliance Time:

At the owner/operator's discretion.

Purpose:

A research and testing program has been conducted to refine the Navajo and Navajo Chieftain cabin door in the areas of security and function, increased durability and service life of internal components and component ease of maintenance. These refinement features have been phased into current production aircraft, and have been developed into three (3) separate field installation kits to be made available to owners/operators of the above referenced aircraft (refer to Material Required, below, for material identification, aircraft application and kit price data).

This service release announces the availability of material and instructions to refine the cabin door on the above referenced aircraft; the main features of this refinement program are as follows:

- (1.) A Cabin Door Ajar Switch Installation, which provides a dual switch system designed to insure positive door-lock indication.
- (2.) A Cabin Door Latch Mechanism Modification designed to improve door latch engagement.
- (3.) A Cabin Door Safety Latch Installation, which provides a positive, "sliding bolt" type latch assembly to doubly secure the cabin door.

Instructions:

Contained in kits identified in Material Required, below.

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Material Required:

(One each per aircraft.)

<u>Part Number</u>	<u>Description</u>	<u>Aircraft Application</u>	<u>Special Price</u>
760 852	Kit-Cabin Door Latch Mechanism Modification	PA-31 and PA-31-300 Navajo, 31-2 to 31-7400979 incl.; PA-31-350 Navajo Chieftain, 31-5001 to 31-7405136 incl.	\$6.35H
760 870	Kit-Cabin Door Ajar Switch Installation	PA-31-300, 310, and 325 Navajo, 31-33 to 31-7512029 incl.; PA-31-350 Navajo Chieftain, 31-5001 to 31-7552052 incl.	\$20.00H
760 927	Kit-Cabin Door Safety Latch Installation	PA-31-300, 310, and 325 Navajo, 31-2 to 31-7512029 incl.; PA-31-350 Navajo Chieftain, 31-5001 to 31-7552052 incl.	\$23.95H

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 procure the Cabin Door Refinement kit(s) applicable to your aircraft, the benefits and features of which have been explained in the Purpose section. This refinement material is made available at a Special Price not to exceed six (6) months from the publication date of this service release.