



SERVICE LETTER

No. 697

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.
March 14, 1974

Subject:

Addition of Fuselage Drain Holes

Models Affected:

PA-31 and PA-31-300 Navajo
PA-31-350 Navajo Chieftain

Serial Numbers Affected:

31-2 to 31-7401220 incl.
31-5001 to 31-7405183 incl.

Compliance Time:

At the next regularly scheduled inspection interval.

Purpose:

A report has been received from the field describing the presence of accumulated moisture in the lower forward fuselage area on one of the above referenced aircraft. This condition was noted after the aircraft had been flying through extremely heavy precipitation, and the moisture is believed to have entered through the ventilation air inlet. Although subsequent investigation revealed that moisture does not normally accumulate in this section, as a preventative measure it is recommended that drain holes be added in this area.

This service release provides instructions to drill a total of four (4) drain holes in the lower forward fuselage bottom skin (reference sketch/instruction sheet on reverse side for location of new drain holes).

Instructions:

Refer to sketch/instruction sheet on reverse side for drain hole location and drilling instructions.

Material Required:

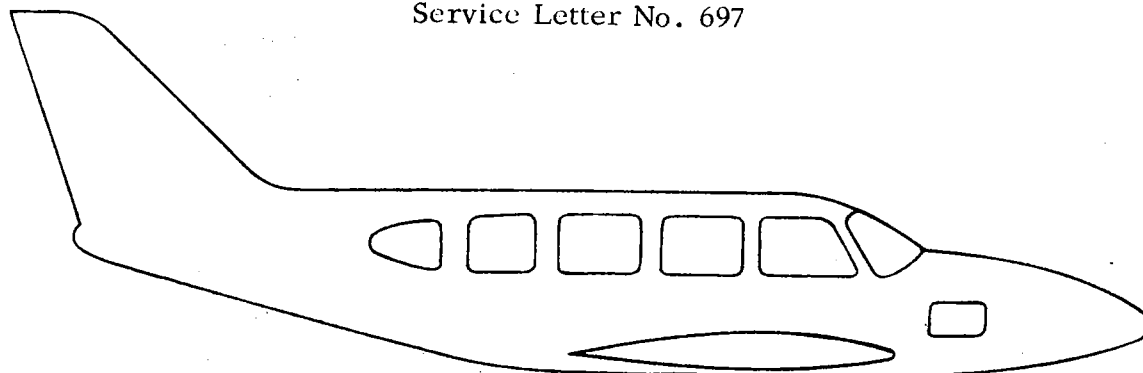
Not applicable.

Effectivity Date:

This Service Letter is effective March 29, 1974.

Summary:

Please contact your Piper Field Service Facility to make arrangements for compliance with the provisions of this service release in accordance with Compliance Time, above. Labor time required is minimal when the above referenced modification is accomplished during a regular scheduled inspection interval.



PA-31
STA
81.00

PA-31-350
STA
57.00

PA-31
STA
70.00

PA-31-350
STA
46.00

Fwd →

R
↑
↓
L

Locate and Drill Four
.191 Drain Holes in
Bottom Skin (See Notes)

Heater Exhaust Tube
in Bottom Skin

● NOTES

1. Drill no deeper than necessary to achieve skin penetration.
2. Remove metal drillings

Fuselage Bottom View A-A