

SERVICE No. 825 BULLETIN

* PIPER CONSIDERS *
* COMPLIANCE MANDATORY *

FAA Approved

Date

April 8, 1986

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SUBJECT:

Crossover Fuel Line Inspection

MODELS AFFECTED:

PA-31-300/310 Navajo

SERIAL NUMBERS AFFECTED:

31-2 through 31-544

COMPLIANCE TIME:

At the next regularly scheduled inspection event, but not to exceed ten (10) hours of operation.

PURPOSE:

A report has been received of an in-cockpit fire, due to a fuel leak from the crossover fuel line at the fuel control panel. The reported cause was the absence of a chafe sleeve hose, which permitted chafing of the crossover fuel line by an electrical switch.

This Service Bulletin provides an illustration and instructions for inspection of the crossover fuel line installation.

INSTRUCTIONS:

1. Gain access to the crossover fuel line by removing the fuel control panel cover.
2. Inspect crossover fuel line behind control panel to ensure that fuel line routing through clamps is above crossfeed cable assembly. Correct routing, if required. Refer to Sketch "A" attached.
3. Inspect crossover fuel line for condition (replace, if damaged) and to determine if Chafe Sleeve Hose, Piper Part Number 82371-116, has been installed. If hose is missing, install as illustrated in Sketch "A".
4. Inspect fuel control panel cover for cracks or damage that may permit the switch assembly or wiring, to contact other components. Replace, if necessary.

MATERIAL REQUIRED:

One (1) each Chafe Sleeve Hose, Piper Part Number 82371-116, and five (5) each TY-23M Ty-Wraps, Piper Part Number 488-658, per affected aircraft.

NOTE: Sleeve may be fabricated of Mil-H-5593 hose 25/32" O.D. X 1/2" I.D. X 32" length.

AVAILABILITY OF PARTS:

Your Piper Field Service Facility or local

procurement.

(over)
ATA: 2823

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

SUMMARY: Please contact your Piper Field Service Facility to make arrangements for compliance with this Service Release.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present owner.

SKETCH "A"

