



# SERVICE *No.* 907 BULLETIN

Piper Aircraft Corporation  
Vero Beach, Florida, U.S.A.

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\* PIPER CONSIDERS \*  
\* COMPLIANCE MANDATORY \*  
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Date April 11, 1989 M

SUBJECT: Windshield Heat Fuse Installation

MODELS AFFECTED: SERIAL NUMBERS AFFECTED:

PA-31-300/310/325 Navajo  
PA-31-350 Chieftain  
PA-31-350 T-1020

31-5 through 31-8312019  
31-5001 through 31-8452021  
31-8253001 through 8553002

COMPLIANCE TIME: At the next regularly scheduled maintenance event, but not to exceed one-hundred (100) hours of time in service.

PURPOSE: Field reports indicate that should a malfunction in the windshield heat system timer occur, where constant current is being supplied to the heated windshield from the timer, the possibility exists that the control wire may become overheated. Overheating of the control wire may result in a smell or minor smoking in the cockpit due to the melting insulation.

This Service Bulletin announces the availability of a Windshield Heat Fuse Installation Kit which, when installed, will alleviate the above described condition.

APPROVAL: The technical contents of this Service Bulletin have been approved by the F.A.A.

INSTRUCTIONS: All instructions necessary to accomplish this installation are contained in the Windshield Heat Fuse Installation Kit, Piper Part Number 765-361.

## Alternate Procedure:

In lieu of using the Windshield Heat Fuse Installation Kit, Piper Part Number 765-361, the following instructions and attached sketches may be used.

1. Assemble a fuse assembly using materials called out in Sketch "A" (Attached).
2. Gain access to windshield heat timer by opening forward baggage door and removing close-out screen.
3. Remove wire H24CC from terminal 7 on windshield heat timer.
4. Remove terminal from wire H24CC and splice fuse assembly to wire.
5. Install ring terminal end of fuse assembly to terminal 7 of timer. Ref. Sketch "B" (Attached).
6. Secure fuse assembly with two (2) TY-RAPS, MS-3367-1-9, Piper Part Number 488-702.

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INSTRUCTIONS: (Cont.)

7. Operational check windshield heat per maintenance manual.
8. Reinstall close-out screen and close baggage door.
9. Make appropriate log book entry.

MATERIAL REQUIRED: One (1) each Windshield Heat Fuse Installation Kit, Piper Part Number 765-361 per aircraft.

Alternate Procedure:

One (1) each PS10025-2-4 Terminal, Piper Part Number 488-401; one (1) each PS10025-16-3 Terminal, Piper Part Number 588-732; one (1) each HHJ-A Fuseholder, Piper Part Number 461-628; one (1) each AGC-1 Fuse, Piper Part Number 461-635, seven (7) inches of PMS-E0012-218 Wire, Piper Part Number 153-044, per aircraft.

AVAILABILITY OF PARTS: Your Piper Field Service Facility.

EFFECTIVITY DATE: This Service Bulletin is effective upon receipt.

SUMMARY: There is no applicable factory participation for this Service Bulletin.

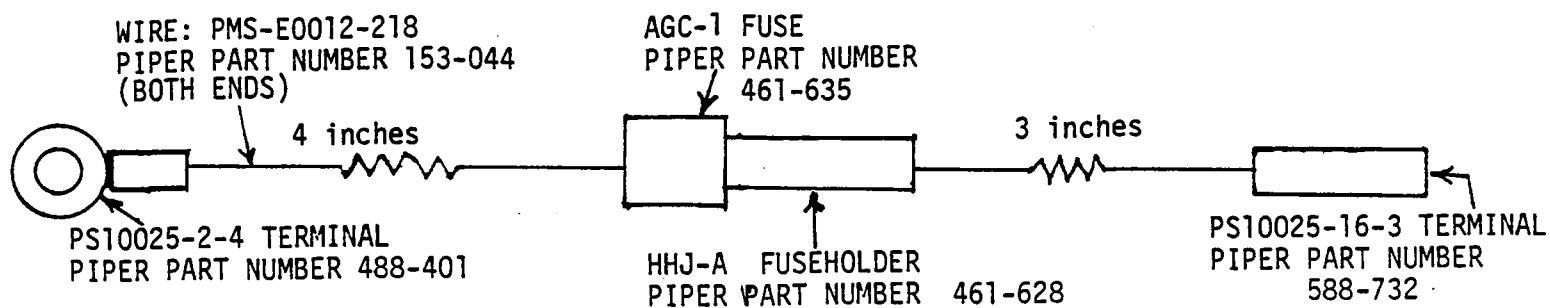
Please contact your Factory Authorized Piper Field Service Facility to make arrangements for compliance with this Service Bulletin in accordance with the Compliance Time indicated.

NOTE: If you are no longer in possession of this aircraft, please forward this information to the present Owner/Operator and notify the Factory of address/ownership corrections. Changes should include aircraft model, serial number, current owner's name and address.

Corrections/changes should be directed to:

Piper Aircraft Corporation  
Attn: Customer Services  
P.O. Box 1328  
Vero Beach, Florida 32961-1328

SKETCH "A"



SKETCH "B"

