



# SERVICE LETTER

No-822

Piper Aircraft Corporation

Lock Haven, Pennsylvania, U.S.A.

July 12, 1977

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Subject:

Engine Compartment Fire Extinguisher Switch  
Protection

Models Affected:

Serial Numbers Affected:

PA-31T Cheyenne ..... 31T-7400002 to 31T-7720040 inclusive

Compliance Time: At owner/operators discretion; recommended at the next programmed  
Inspection Event.

Purpose: The engine compartment fire extinguisher switches, mounted in the switch and  
circuit protector panel (cockpit, left side), contain provisions for safety wire - to secure  
the switch guards in place over the switch buttons, preventing inadvertent switch activation.

This Service Release provides information to visually check the subject switch guards to  
determine if they have been properly safetied, and instructions to apply safety wire to the  
switch guards, if necessary. (See related sketch/instruction data for an illustration of this  
area).

Instructions: (Refer to sketch/instruction data provided with this Service Release.)

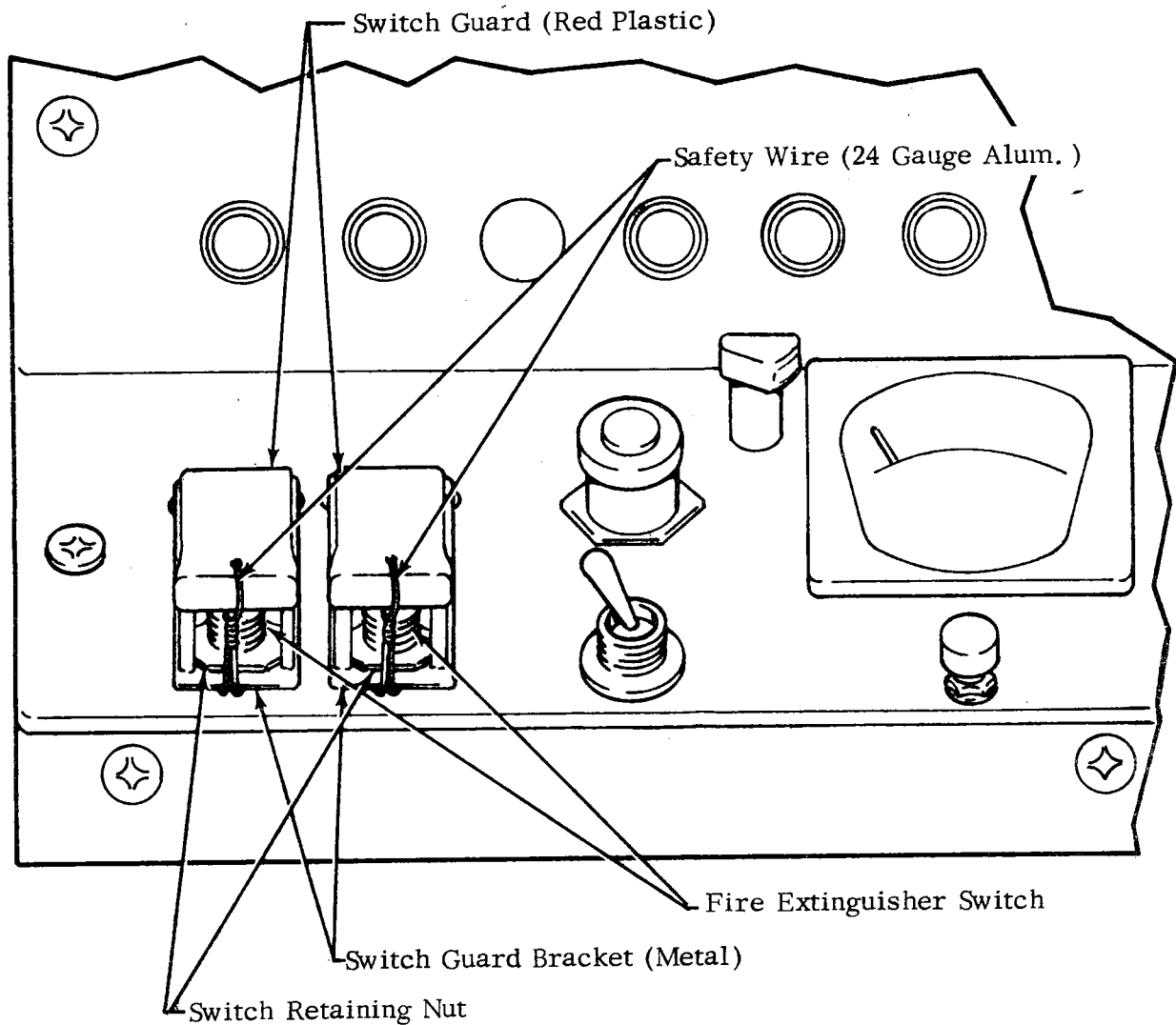
1. Inspect switch guards to determine if they have been properly safetied.
2. If both switch guards are safetied, no further action is required other than an  
appropriate compliance entry in the aircraft log book.
3. If switch guard(s) are not safetied, apply safety wire in accordance with  
Instruction section contained on sketch.

Material Required: Refer to sketch/instruction data, Instructions No. 1.

Availability of Parts: Obtain locally, if required.

Effectivity Date: This Service Release is effective upon receipt.

Summary: Please contact your Piper Field Service Facility to make arrangements for the  
brief modification described above, if required; the owner/operator may accomplish the  
visual check (described in Instructions No. 1, above) to determine if further action is  
necessary. Material and labor requirements (if modification is necessary) are negligible.



SWITCH AND CIRCUIT PROTECTOR PANEL - LEFT COCKPIT

### INSTRUCTIONS

1. Using two 6 inch pieces of 24 gauge single strand soft aluminum wire, safety the switch guards to the fire extinguisher switches per step a. NOTE: If 24 gauge aluminum wire is not available, remove insulation from a 6 inch piece of AL-1 cable (MIL W-7072A) and obtain two single strands of the 24 gauge wire.
  - a. Refer to above sketch. Loosen switch retaining nut, loop wire around threaded portion of switch under metal guard bracket and tighten retaining nut. Route wire up through hole in switch guard and safety by twisting both ends together. Face wire ends toward switch to insure a smooth surface.
2. Make proper logbook entry of Service Letter compliance.