



(This Service Bulletin is FAA D.O. Authorization SW-1 Approved)

**SUBJECT:** INSTALLATION OF POWER RELAY

**MODELS AFFECTED:** M20E--S/N 670001 through 670062  
M20F--S/N 660002 through 660004 and  
670001 through 670464

**TIME OF COMPLIANCE:** Mandatory within the next 50 hours.

**INTRODUCTION:** There is the possibility that dirt or foreign matter can cause the retractable step to bind and not extend fully. In the partially extended position, slack in the step retraction cables may allow the cables to contact the power relay solenoid electrical terminals. To preclude this condition, install power relay cover P/N 950195.

- INSTRUCTIONS:**
- 1) Remove radio access door on left side of fuselage.
  - 2) Remove existing AN 3-5A bolt securing MS 21919 DG-7 clamp (See illustration).
  - 3) Install power relay cover over solenoid.
  - 4) Add .190/.194 diameter hole through battery top pan to align with hole in cover.
  - 5) Secure power relay cover in position using AN 3-5A bolt and clamp removed in Step 2, and install hardware supplied with kit.
  - 6) Reinstall radio access door.

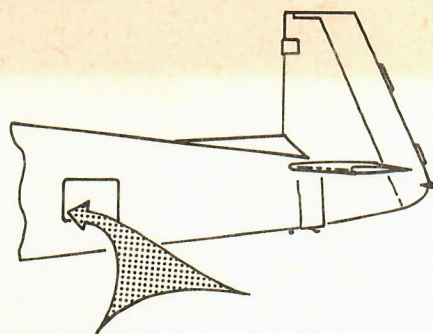
**SERVICE BULLETIN KIT NO. M20-159:**

950195 Power Relay Cover	(one)
AN 3-4A Bolt	(one)
AN 960-10 Washer	(two)
AN 960-10L Washer	(one)
AN 365-1032 Nut	(one)
Mooney Compliance Card	(one)

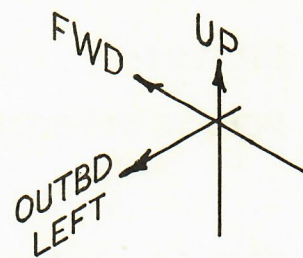
This kit may be ordered directly from Mooney Spare Parts Department, Mooney Aircraft, Inc., Kerrville, Texas, or from your nearest Mooney distributor.

**COMPLIANCE:** Upon compliance with this Service Bulletin, please fill out the enclosed card and mail it to Mooney Aircraft, Inc.





950195  
POWER RELAY COVER



AN 3-4A BOLT  
AN 960-10L WASHER  
AN 960-10 (2) WASHER  
AN 365-1032 NUT

AN 3-5A BOLT  
AN 960-10L WASHER  
AN 960-10 (2) WASHER  
AN 365-1032 NUT  
(REF)

SOLENOID (REF)

MS 21919 DG-7  
CLAMP (REF)

.190  
.194 DIA (1) HOLE THRU  
BAT. TOP PAN TO ALIGN  
WITH HOLE ON COVER

EDGE OF LID  
OUTBOARD SIDE

OF LID

(REF)  
APPROX.  
6.6

(REF)  
APPROX.  
.8

800178  
BAT. BOX TOP  
PAN (REF)