SUBJECT: Landing Gear Safety Switch
(Dukes Pressure Switch Part No. 3203-00)

MODELS AFFECTED: All Electric Gear Models

TIME OF COMPLIANCE: Not Mandatory

INTRODUCTION: All owners of electric landing gear equipped aircraft may install the latest switch, Mooney Part No. 950161, if they desire to lower the gear operating airspeed to a maximum of 70 MPH. At this lower airspeed, the gear will raise at maximum climb angle and minimum indicated airspeed for high altitude, short field or hot day operation. CAUTION: Margin of safety is reduced to a minimum if gear switch is inadvertently moved to the up gear position.

INSTRUCTIONS: 1. Remove 310046 access panel located forward of windshield on left hand side of aircraft.
   2. Remove pressure switch by:
      A. Removing the two AN526-632R4 screws that attach switch to 950130 bracket.
      B. Cut wires seven inches from switch.
      C. Unscrew switch from tee in 820020-9 line.
   3. Install new switch by:
      A. Screwing switch on tee.
      B. Attach to 950130 bracket with same hardware removed in 2.A.
      C. Add AMP 32446 knife terminals to the wires in aircraft that were cut from old switch.
      D. Connect wires and secure as shown on attached drawing.
   4. Replace 310046 access panel.

SERVICE LETTER KIT NO. 20-129

PARTS LIST
1. Pressure Switch P/N 950161
2. AMP 32446 knife terminals
2. PVC-105-2 x 3.0 plastic tubing

This kit may be obtained from your local Mooney distributor. Direct factory orders will not be accepted.
FIGURE 1
SERVICE LETTER 20-129