



**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.

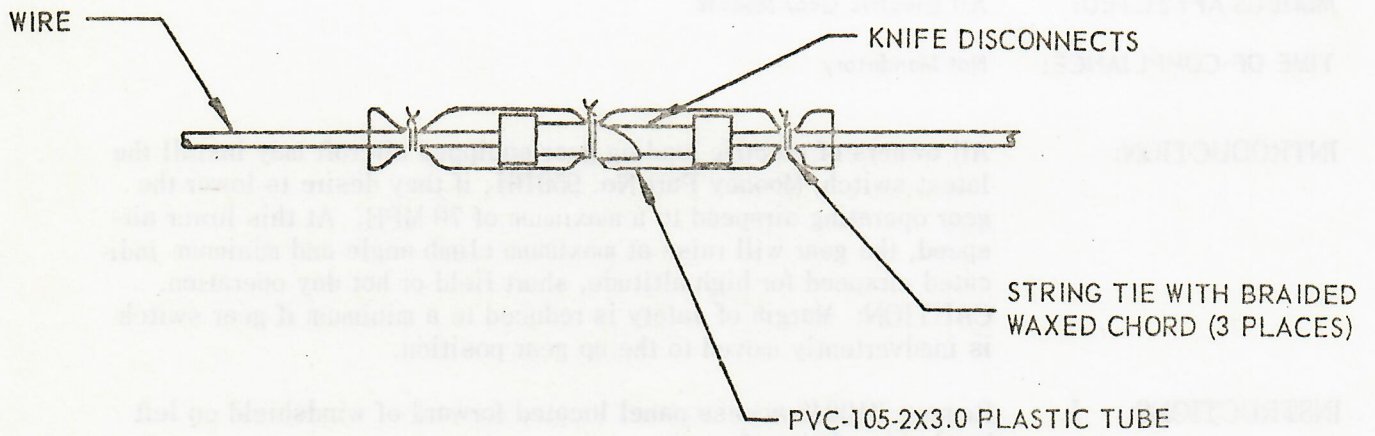
- INSTRUCTIONS:**
1. Remove 310046 access panel located forward of windshield on left hand side of aircraft.
  2. Remove pressure switch by:
    - A. Removing the two AN526-632R4 screws that attach switch to 950130 bracket.
    - B. Cut wires seven inches from switch.
    - C. Unscrew switch from tee 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