



(FAA D.O. AUTHORIZATION SW-1 APPROVED)

TO: Distributors, Dealers, and Service Centers

FROM: Customer Service

SUBJECT: Installation and Operation of DT-2R-A7 Micro Switch in Mooney Electric Gear System

MODELS AFFECTED: M20 C & E

SERIAL NUMBER AFFECTED:

As listed in Mooney Service Bulletin M20-130 (formerly Service Letter 20-130)

INTRODUCTION: To assure proper operation of the DT-2R-A7 microswitch when complying with Mooney Service Bulletin M20-130:

1. With the aircraft on jacks, gear locked down using the manual crank, check the preload of each main gear and the nose gear as outlined in Mooney Service and Maintenance Manual, M20C, D and E.
2. When replacing the microswitch with the 20-130 kit furnished DT-2R-A7 microswitch, mount the microswitch as far back in the MC 2711 actuator bracket as possible (ref. Fig. 1). This may be accomplished by placing a screwdriver between the actuator frame and the switch body and prying lightly against the switch while the mounting screws are tightened. Proper positioning of the microswitch is required for it to release after its actuation.
3. After the new microswitch has been installed, recheck the preload on each landing gear after manual extension of the gear to see that the system is within the preload in the Service and Maintenance Manual (M20 C, D & E).

