

SERVICE INSTRUCTION

MOONEY AIRCRAFT CORPORATION  
P. O. Box 72, KERRVILLE, TEXAS 78028

Number: M20-33  
Date: 12-30-74

**SUBJECT:** Lubrication requirements for landing gear actuator  
jack screw on ITT actuators P/N L11C2110.

**MODELS AFFECTED:** Mooney M20C S/N 20-0037 and on  
M20E S/N 21-0050 and on  
M20F S/N 22-0065 and on

and all other Mooney aircraft retrofitted with  
subject actuators.

**COMPLIANCE:** Mandatory within first 50 hours of aircraft operation  
and every 100 hours thereafter.

**INSTRUCTIONS:** With aircraft on jacks and belly access panel P/N 310124  
removed to expose landing gear actuator, proceed as  
follows:

1. Retract gear electrically to fully expose actuator  
jack screw.
2. Using a clean lint-free rag, thoroughly clean jack  
screw of all grease.
3. Apply a coating of lubriplate 630AA to the threads  
of the jack screw.
4. Cycle gear up and down several times and apply a  
final coating to threads.
5. Thoroughly clean jack screw body and apply 20-33-1  
lube decal to bottom of jack screw body.

LUBRICATE JACKSCREW  
EVERY 100 HOURS WITH  
LUBRIPLATE NO 630-AA