



SERVICE INSTRUCTION 12

**MOONEY AIRCRAFT, INC.**

This Service Instruction reidentified as  
Service Instruction M 20-12  
per Service Instruction M20-15.

August 16, 1965

**TO:** Distributors, Dealers, Service Centers, M20 E Owners  
**FROM:** Customer Service Department  
**SUBJECT:** Replacement of connecting rod assemblies Part No. 74503  
in IO-360-AIA engines

**MODELS AFFECTED:**

Mooney M20E aircraft - all 1964 and some 1965

**SERIAL NUMBERS AFFECTED:**

M20E 101 "E" through 618 "E"  
Lycoming engines IO-360-AIA SN 101-51 through 1231-51A  
(also all remanufactured engines shipped from the factory  
prior to December 1, 1964)

**TIME OF COMPLIANCE:**

At 600 hours or before at owner's discretion. For engines  
having more than 600 hours in service, it is recommended  
that compliance with this bulletin be accomplished with-  
in the next 10 hours.

This instruction 12 gives requirements as shown on attached Lycoming Service Bulletin 302. Please refer to this Lycoming Bulletin for details concerning this modification. (Also note the expiration date of November 30, 1965 at which time the customer will be charged for the kit. Kits ordered prior to this date from Lycoming will be sent free of charge freight prepaid to all owners of aircraft affected. It is recommended that all owners have the work accomplished by a Mooney authorized shop or either a Distributor, Dealer or Service Center or Lycoming Distributor. The labor involved during this modification is to be charged to the customer. All special tools will have to be purchased by the appropriate shops if not available presently. The customer will order direct from the Lycoming factory at Williamsport, Pa. on enclosed order form. All old parts will be scrapped.

SERVICE INSTRUCTION 12

page 2

Any engines that show up with fretted crankcase can be handled through the normal Lycoming engine exchange prorated service policy. (NOTE: This crankcase inspection should be the first item of check for this Lycoming Service Bulletin 302 modification so as to eliminate unnecessary labor or down time.