

MOONEY



M20 SERIES

SERVICE INSTRUCTION M20-92

DATE: 1-15-92

SUBJECT: REPLACEMENT OF TORSION SPRING IN DRIVE CLUTCH ASSEMBLY OF GEC (PLESSEY) LANDING GEAR ACTUATORS, MOONEY P/N 880037-505 AND 880037-507.

SEE GEC (UK) AEROSPACE INC., SERVICE INSTRUCTION No. S1-11, DATED 12/17/91 or SUBSEQUENT REVISION.

MODELS/ S/N'S AFFECTED: MOONEY M20J, S/N 24-0001 THRU 24-TBA (WITH GEC [PLESSEY] ACTUATOR INSTALLED)
MOONEY M20K, S/N 25-0001 THRU 25-TBA (WITH GEC [PLESSEY] ACTUATOR INSTALLED)
MOONEY M20M, S/N 27-0001 THRU 27-TBA (WITH GEC [PLESSEY] ACTUATOR INSTALLED)
MOONEY M20L, S/N 26-0001 THRU 26-TBA (WITH GEC [PLESSEY] ACTUATOR INSTALLED)
AND ALL M20 SERIES AIRCRAFT RETROFITTED WITH SUBJECT ACTUATORS.

TIME OF COMPLIANCE: AT 1000 FLIGHT HOURS OR SCHEDULED MAINTENANCE JUST PRIOR TO REACHING 1,000 FLIGHT HOURS.

INTRODUCTION: There have been 2 reports of a malfunction of the torsion spring at 1200 and 1500 flight hours in GEC (Plessey) Model No. R5329M12-1 or R5329M24-1 (Mooney P/N 880037-505 and -507) landing gear actuators during operation in Mooney aircraft.
This Mooney Service Instruction is to notify field maintenance personnel of the GEC (UK) Service Instruction, No S1-11, dated 12-17-91 which requires torsion spring replacement at 1,000 flight hours.

INSTRUCTIONS: SEE GEC SERVICE INSTRUCTION S1-11, DATED 12/17/91 or SUBSEQUENT REVISION.

REFERENCE DATA: SEE GEC SERVICE INSTRUCTION S1-11, DATED 12/17/91 or SUBSEQUENT REVISION.

PARTS LIST: SEE GEC SERVICE INSTRUCTION S1-11, DATED 12/17/91 or SUBSEQUENT REVISION.

FIGURES/ TABLES: SEE GEC SERVICE INSTRUCTION S1-11, DATED 12/17/91 or SUBSEQUENT REVISION.

GEC Service Instruction S1-11 and spring replacement kit are available from GEC (UK) Aerospace Inc., 110 Algonquin Parkway, Whippany, NJ 07981-1640, Telephone (201) 428-9898, FAX (201) 884-2277, Product Support Direct Telephone, (201) 428-8787