



SUBJECT: POSSIBLE EMERGENCY LOCATOR TRANSMITTER (ALERT 50) ANTENNA GROUNDING

MODELS AFFECTED: M20C, S/N 20-1186 thru 20-1258; M20F, S/N 22-1306 thru 22-1438; M20J, S/N 24-0001 thru 24-0454

TIME OF COMPLIANCE: **MANDATORY** within next 10 hrs. following receipt of this bulletin.

INTRODUCTION: It has been discovered that the ELT antenna mounting hole in the aircraft skin may be too small to allow proper insulation of the center stud. This could prevent the proper operation of the ELT signal in case of an accident. Therefore, it is **MANDATORY** that the following instructions be followed.

INSTRUCTIONS: Remove the ELT antenna by turning the black base counter-clockwise. Remove the antenna cable (stud) by pushing downward. Enlarge the hole in the skin to coincide with the matching hole in the doubler (approx. 1/2 inch). Apply zinc chromate to the raw edges of metal, being careful to remove any excess from the bottom of the doubler being contacted by the grounding washer of the antenna cable and attach the antenna by screwing the black base until secure. After installation seal underside with RTV-102 or equivalent to prevent water leaks.

COMPLIANCE: Record compliance in Aircraft Log Book. Fill out and return Compliance Card to Mooney Aircraft Corp., P.O. Box 72, Kerrville, Texas 78028.

