SERVICE BULLETIN

SUBJECT: AUTOPilot CONTROL WHEEL DISENGAGE SWITCH

MODELS AFFECTED: M2OJ S/N 24-0063, 24-0068, 24-0077, 24-0080,
24-0084, 24-0088, 24-0091 and 24-0093

TIME OF COMPLIANCE: Within next 20 hours of operation.

INTRODUCTION: In some instances, when an electrical elevator trim
system has been installed, the control wheel disengage
switch becomes inoperative if the "TRIM" circuit
breaker is tripped. This can be corrected by a minor
wiring change.

INSTRUCTIONS: Determine if this condition exists by checking function of
control wheel disengage switch with the "TRIM" breaker
pulled. If trim breaker disables the control wheel
switch, rewire as follows:

1. Disconnect the power lead from the disengage relay
coil (located forward of right side of instrument
panel on electrical junction plate). (See Figure 1
schematic).

2. Install diode assembly per Figure 2 schematic using
window splices supplied.

3. Check operation of control wheel switch alternately
pulling "Autopilot" (or Turn Coordinator if Brittain
PC is installed) and "TRIM" circuit breakers.
Control wheel switch should interrupt trim function
when autopilot breaker is pulled and interrupt auto-
pilot function when trim breaker is pulled.

4. Fill out enclosed compliance card and return.

Service Bulletin Kit No. 20-199 may be ordered through
your nearest Mooney Marketing Center or Mooney
Service Center.

S.B. Kit No. 20-199 Diode Assembly . . . . . . . . . . . . . 1 each
Window Splice (320559) . . . . . . . . . . . . . . . 2 each