

**THIS BULLETIN DOES NOT CHANGE AIRCRAFT TYPE DESIGN**

SERVICE BULLETIN M20-277

SUBJECT: KFC 225 Flight Control System Operation Limitations

MODELS/ S/N M20M, Serial Numbers 27-0280 and on
AFFECTED: M20R, Serial Numbers 29-0183, 29-0200 and onTIME OF BEFORE NEXT FLIGHT
COMPLIANCE:

INTRODUCTION: Honeywell recently released Installation Bulletin 472 *Alert*, which detailed an operational limitation for some KFC 225 Flight Control Systems. The KFC 225 Flight Control Systems that were affected were ones whose KC 225 Flight Control Computer contained certain Mods, as determined by an authorized Honeywell service center. This service bulletin is to alert the field to the requirements detailed in Honeywell Installation Bulletin 472 *Alert*. Once the installed Mod to the KC 225 Flight Control Computer has been determined by an authorized Honeywell service center, then the appropriate action required by Honeywell Installation Bulletin 472 *Alert* can be accomplished.

INSTRUCTIONS: Per the instructions contained in Honeywell Installation Bulletin 472 *Alert* (Jan/01):

1. Mooney aircraft with the KFC 225 Flight Control System installed, must pull and band the autopilot circuit breaker (labeled COMPUTER) prior to next flight, to render the system inoperative.

NOTE: *When the circuit breaker labeled COMPUTER is pulled, pitch trim must be accomplished manually with the pitch trim wheel between the pilot and front passenger seat.*

2. An authorized Honeywell service center must make the determination which KC 225 Flight Computer Mod is installed. If the authorized Honeywell service center determines that the KC 225 Flight Control Computer has no Mods or has Mods 1, 2, and 3, then the system can be returned to service after reinstallation and ground testing. If the KC 225 Flight Control Computer has Mod 1, or Mod 1 and 2 only, then Honeywell Installation Bulletin 472 mentions two options for the authorized Honeywell Service Center:
 - A. Return the KC 225 to the Honeywell factory in Olathe, Kansas, for update to Mod 1, 2, and 3 (or higher) status, or
 - B. Contact Honeywell Product Support for a warranty replacement KC 225 that contains Mod 1, 2, and 3 (or higher).
3. The updated or exchanged unit will be installed, realigned and ground tested by the authorized Honeywell service center.
4. For additional information, see Honeywell Installation Bulletin 472 *Alert*.

WARRANTY: See Honeywell Installation Bulletin 472 *Alert*.REFERENCE Honeywell Installation Bulletin 472 *Alert* (Jan/01)
DATA:

PARTS LIST: NA

FIGURE/TABLES: NA