SUBJECT: Mooney M20M, M20R, M20TN Aircraft Equipped With GARMIN G1000

MODELS/ SN AFFECTED: M20M 27-0318, 27-0326 thru 27-0355
M20R 29-0333 and ON
M20TN 31-0001 and ON

TIME OF COMPLIANCE: BEFORE NEXT FLIGHT

INTRODUCTION: During Company Flight Test it was discovered that during prolonged times of Engine Out Flight, the EIS (Engine Information System) block on the MFD can intermittently blank out. This condition is temporary, and full EIS operation will return on Engine Restart. This TCN is in effect until “Notification of Change” to resolve problem.

INSTRUCTIONS: Read entire procedures before beginning work.

1.1. Print out on yellow paper (or color capable printer), Figure TCN15-001 - trim along dotted border, 3-hole punch.

1.2. Insert page before the POH/AFM Section III "EMERGENCY PROCEDURES" POWER LOSS - IN FLIGHT (RESTART PROCEDURES) page as noted below:
M20M (POH-003502) and M20R (POH-003800) manuals is found on Page 3-6 (insert page TCN15-001 between pages 3-5 and 3-6)
M20R (POH-003810) and M20TN (POH-003900 and POH-3901) manuals is found on Page 3-7 (insert TCN15-001 between pages 3-6 and 3-7)

WARRANTY: N/A

REFERENCE DATA: Applicable Mooney International Corporation POH/AFM

PARTS LIST: kit part number(s): N/A
THIS BULLETIN DOES NOT CHANGE AIRCRAFT TYPE DESIGN

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TCN15-001 Engine Information System (EIS)

Effectivity:
M20R: 29-0333 and ON
M20TN: 31-001 and ON

Instructions:
For M20M (POH-003502) and M20R (POH-003800) - insert between pages 3-5 and 3-6
For M20R (POH-003810) and M20TN (POH-003900 and POH-3901) insert between pages 3-6 and 3-7.

Reason for Change:
During prolonged times of Engine Out Flight, the EIS (Engine Information System) block on the MFD can intermittently blank out. This condition is temporary, and full EIS operation will return on Engine Restart.

Changes to GENERAL .............................................................. No Effect
Changes to LIMITATIONS ..................................................... No Effect
Changes to EMERGENCY PROCEDURES ............................... See Below:

- NOTE -

During Engine out operation, the Garmin Engine Instrumentation Display on the MFD may temporarily blank out. The display will fully return after successful engine restart.

Changes to NORMAL PROCEDURES ................................. No Effect
Changes to PERFORMANCE ............................................. No Effect
Changes to WEIGHT & BALANCE ................................. No Effect
Changes to AIRPLANE & SYSTEM DESCRIPTIONS ......... No Effect
Changes to HANDLING, SERVICE & MAINTENANCE .... No Effect
Changes to SUPPLEMENTAL DATA ................................. No Effect
Changes to SAFETY & OPERATIONAL TIPS ................. No Effect

Authorization to Remove this TCN from the AFM:
This TCN is in effect until “Notification of Change” to resolve problem.

Approved: 
DER Test Pilot
FAA

TCN15-001
Rev: IR