

THW

INITIALS/SIG

KCM

NITIALS/SIG

GLM

INITIALS/SIG

ROUTING SYMBOL

ROUTING SYMBOL

NITIALS/SIG

ROLLTING SYMBO

INITIALS/SIG

Memorandum

Date: April 18, 2012

To: Office of Accident Investigation Recommendation and Analysis Division,

AAI-200

From: Thomas H. Weeks

Prepared by: Thomas H. Weeks, Aviation Safety Inspector, WP25 SAC FSDO

Safety Recommendation, Propeller Governor Installation Subject:

A recent accident investigation (NTSB WPR12LA108) of a Mooney M20J, registration number N367MR, serial number 24-1437shows the propeller governor was installed in accordance with the Mooney M20J maintenance manual paragraph 61-20-10. Further review of the procedure shown in the M20J maintenance manual shows the installation of a single gasket which is contrary to the Mooney Illustrated Parts Catalog (IPC), Lycoming Service Instruction (SI) 1438A and Special Airworthiness Information Bulletin (SAIB) NE-06-08.

The NTSB determined the installation of a single gasket causes an oil leak which was the cause of at least 5 in flight engine failures (N2144Q, N5662M, N2797V, N52185, and N11385).

To prevent further engine failures I recommend immediate action be taken to notify those owner INTITALS/SIG that operate the engines listed in the SI 1438A and SAIB NE-06-08 have their propeller governor installation inspected for compliance with SI 1438A.

Further more; I recommend any such maintenance manuals showing the same or similar procedures shown in the Mooney M20J maintenance manual section 61-20-10, for the propeller governor installation, be revised to show the procedures shown in SI 1438A.

Enclosures: SI 1438A

SAIB NE-06-08

IPC

Mooney M20J maintenance manual.