

THIS SERVICE BULLETIN IS FAA APPROVED FOR ENGINEERING DESIGN

SERVICE BULLETIN M20-257
Revision B, DATE: 5 April, 1995

SUBJECT: Mooney M20R Exhaust System, Muffler and Header Pipes Inspection

MODEL/S/N

AFFECTED: Mooney M20R, Mooney Ovation, S/N 29-0002 through 29-0035

TIME OF

COMPLIANCE: Within five (5) hours and every five (5) flight hours thereafter, including models to which the retrofit of the muffler and header pipes have been accomplished in accordance with the initial release of Service Bulletin M20-257.

Revision B of this SB has been issued to incorporate retrofit kit 940095-501-1.

INTRODUCTION: Mooney Aircraft Corporation (MAC) has reason to believe there is a possibility a problem may exist which can cause cracks in the exhaust headers or muffler end caps. The FAA has issued a Priority Letter AD to the field for mandatory compliance of an exhaust system inspection at 5 flight hour intervals. MAC has issued retrofit instruction 940095-501-1, which in conjunction with retrofit drawing 940095-501, will replace the entire exhaust system with an improved design.

INSTRUCTIONS: MAC recommends that after every five (5) flight hours the entire exhaust system be visually inspected for cracks by an A & P mechanic (or appropriately licensed mechanic) in accordance with the M20R Service and Maintenance Manual, Section 5 and Section 81 (Section 78 in later S & M manuals will contain the exhaust system information). If any cracks are found, call Mooney Product Support Department, (210) 896-6000, ext. 219, for further instructions. If no cracks are found, continue the inspections until MAC Product Support Department contacts you for follow up action.

When Retrofit Kit Instructions, 940095-501-1, have been complied with, the 5 flight hour inspections are no longer required.

WARRANTY: Exhaust system inspections and the subsequent replacement of the exhaust system will be accomplished at no maintenance expense to M20R aircraft owners.

REFERENCE

DATA:

1. Instructions-Retrofit Kit, P/N 940095-501-1, dated 31 March, 1995
2. Retrofit Drawing, 940095-501 (part of 940095-501-1 kit)

PARTS LIST: N/A

FIGURES/

TABLES: N/A