

THIS SERVICE BULLETIN IS FAA APPROVED FOR ENGINEERING DESIGN

SERVICE BULLETIN M20 - 259
ISSUE DATE: 1 September, 1996

SUBJECT: Fuel Cap Assembly, inspection for retaining lanyard attached between filler cap and cap adapter assembly.

(REFERENCE AD # 97-26-08)

MODELS/S/N

AFFECTED: M20F- All S/N's , M20J - All S/N's thru 24-3381
M20L - S/N 26-0001 thru 26-0041

TIME OF

COMPLIANCE: Prior to next flight.

INTRODUCTION: There has been a report of an outboard fuel quantity float being captured by the fuel cap retaining lanyard following a fuel tank fill-up. During the process of putting the cap in place, the lanyard became twisted in a position that when the outboard float lowered with the fuel level, it became captured by the lanyard loop and would not continue to follow the fuel level downward. If this situation occurs, the indication of the fuel gauge will show at least one-half tank of fuel remaining in the tank when the tank is empty.

To remove the possibility of this situation occurring in the fuel tank configuration of the affected aircraft, the inspection and procedures contained in this SB must be complied with immediately.

INSTRUCTIONS:

1. Open filler cap on each wing tank and inspect to see that the lanyard (nylon type material) is attached to the filler cap and to the wing filler cap adapter.
2. If the lanyard is attached, the lanyard must be removed from the filler cap assembly/ wing adapter assembly.
3. Pull filler cap assembly up and away from tank opening and clip a slot in the end attached to the wing adapter assembly. Pull the lanyard from this attachment point.
4. Clip a slot in the end attached to the filler cap assembly and pull lanyard from filler cap assembly.

INSURE NO PIECE OF LANYARD FALLS INTO TANK.

5. Replace filler cap assembly into the fuel tank adapter and close latch lever. Both LH & RH tanks must have these instructions accomplished.
6. Return aircraft to service. Enter compliance note into log book.

WARRANTY: Mooney Aircraft Corporation will allow up to 0.5 hours labor for the inspection and compliance with the instructions of this SB, if compliance paperwork is received within 90 days of the date of this SB.

REFERENCE

DATA: N/A

PARTS LIST: N/A

FIGURES/

TABLES: N/A