SUBJECT: FUEL LINE ROUTING

MODELS AFFECTED: M20E S/N 101 thru 1308
                  S/N 670001 thru 670062
                  M20F S/N 660002 thru 660004
                  S/N 670001 thru 670539
                  S/N 680001 thru 680073

TIME OF COMPLIANCE: MANDATORY within next 50 hours.
IMMEDIATELY if aircraft is flown in freezing weather.

INTRODUCTION: In some instances, the elbow mounted through the bottom forward left side of the firewall has been found pointing downward between the 5 & 9 o'clock position (See illustration on the reverse side of this sheet). This elbow fitting position causes a low spot in the fuel hose connecting the fitting and the engine-driven fuel pump.

INSTRUCTIONS: 1) Remove left side engine cowling.
                2) Inspect fuel line in question. If elbow fitting is found to be between 5 & 9 o'clock position and the fuel line does not slope upward from the fitting, proceed with steps 3, 4 & 5. If elbow fitting and hose do slope upward, re-install left side engine cowling for full compliance with this bulletin.
                3) Remove bottom left exhaust cavity fairing.
                4) Reposition elbow fitting as shown in illustration on reverse side of this sheet. The fitting is to be secured between the 9 & 12 o'clock position.

NOTES A. Hose is to clear all moving parts and is to slope upward from elbow fitting on firewall.
        B. If necessary to secure fuel hose clear of cowl flap idler, MS 21919-DG8 and MS 21919-DG14 clamps (or equivalent) may be used to fasten hose to the engine mount.

SERVICE BULLETIN KIT: None

COMPLIANCE NOTIFICATION: To fully comply with this service bulletin, fill out the attached compliance card and mail to the factory.