

SERVICE BULLETIN

SUBJECT: FINGER STRAINER INSPECTION

MODELS

AFFECTED: M20F - 22-1430 thru 22-1439
M20J - 24-0006 thru 24-0083,
24-0085 thru 24-0121,
24-0123 thru 24-0257,
24-0259 thru 24-0280,
24-0282, 24-0283,
24-0285 thru 24-0289,
24-0293 thru 24-0296

TIME OF

COMPLIANCE: MANDATORY within next 25 hours of operation or next inspection, whichever occurs first.

INTRODUCTION:

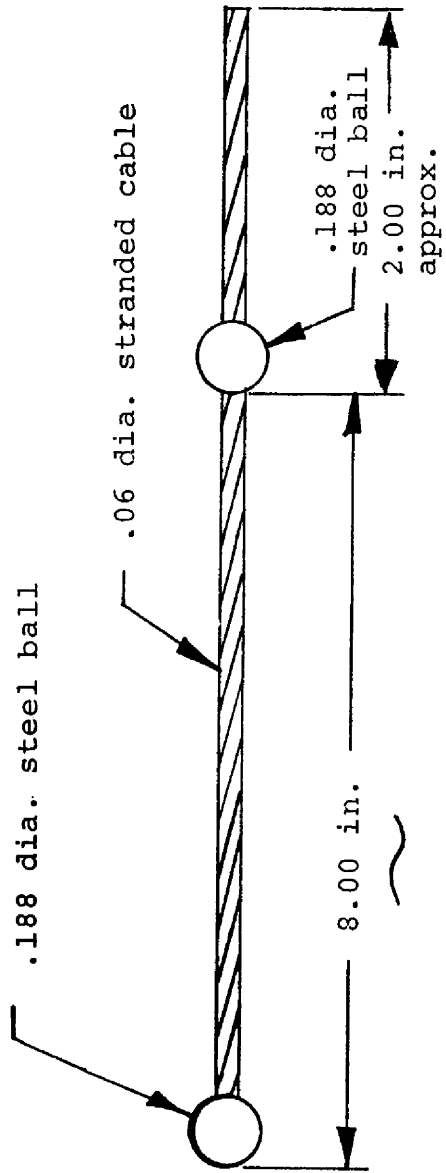
Some fuel tank finger strainers P/N 610150-1 (left) and 610150-2 (right) have been manufactured with excessive solder which could partially block the tube opening. Other tank finger strainers may have been damaged on installation. Either condition could cause a fuel flow restriction to the engine.

INSPECTION:

1. Drain all fuel from both fuel tanks.
2. Remove pilot and copilot seats.
3. Remove lower side upholstery panels adjacent to forward seats.
4. Remove hose coupler on fuel lines at fuel tank outlet.
5. Insert test probe (ball end first) P/N M20-207-1 in each tank outlet; probe will enter to second ball on cable if the tank outlet finger strainer assy is satisfactory. If probe will not enter tank outlet to second ball, then the tank outlet must be removed and replaced.
6. To remove tank outlet remove 4 rivets in mounting flange and remove outlet.
7. To replace outlet, removal of the access panel on the lower wing skin is required to provide access to the tank outlet. Clean tank of metal chips from drilling.
8. Install new tank outlet using MS 20470AD4 rivets and seal around tube and rivet butts per instructions in Service Manual.
9. Replace and reseal lower wing access panel.
10. After allowing sufficient cure time for the tank sealer, replace hose coupler on fuel line.
11. Refuel aircraft and check for leaks.
12. Replace upholstery and seats.

S.B. Kit:

M20-207-1 Probe Assy
Fill out Log Book and Compliance Card.



M20-207-1 Test Probe