

This Service Letter reidentified a
Service Bulletin M 20-122
per Service Instruction M20-15.

SUBJECT: Engine Cooling Baffles
MODEL AFFECTED: M20E 101 thru 471
TIME OF COMPLIANCE: At the next 100 Hour Inspection

INTRODUCTION

It is necessary for the owners of the above mentioned aircraft to inspect the engine cooling baffles for cracking.

INSTRUCTIONS

Examine the engine cooling baffles for cracks around the rocker box cover attaching points and at all corners and along all bends. If the baffles are cracked, remove and replace them with 600138-501 Baffle Assy-Engine Top, 600151 Baffle Assy-Left Fwd., 600152 Baffle Assy-Right Fwd., 600136-501 Door Assy-Left Side, and 600181-1 Door Assy-Spark Plug Access (Right Side).

1. Remove Top and side cowls.
2. Remove top baffle assembly.
3. Remove right and left forward baffle assemblies.
4. Install 600151 left forward baffle with original hardware in the same manner as the original baffle.
5. Install 600152 right forward baffle assembly on the inboard side of the baffle attaching lugs with original hardware installed on the inside of the baffle, see Figure 2.
6. Install top baffle assembly 600138-501 and back drill 600129-1, 600040, and 600131-1 baffle assemblies to match, install A6187-4Z-1 speed nut and no. 4 x 3/8 PK screws (typ. 5 places) in addition to original screws. See Figure 1 for location of new fasteners.
7. Install new spark plug door Assemblies, 600136-501, left side and 600181-1 right side.
8. Reinstall top and side cowls.

COMPLIANCE

Upon compliance with this Service Letter, please fill out the enclosed compliance card and return it to Mooney Aircraft, Inc. for our files.

S.L. Kit 20-122

PARTS LIST

600138-501	1	Tinnerman	5
600151	1	A6187-4Z-1	
600152	1	No. 4 x 3/8	5
		PK Screw	
600136-501	1	600181-1	1

This kit may be obtained from your local Mooney distributor. Direct factory orders will not be accepted.

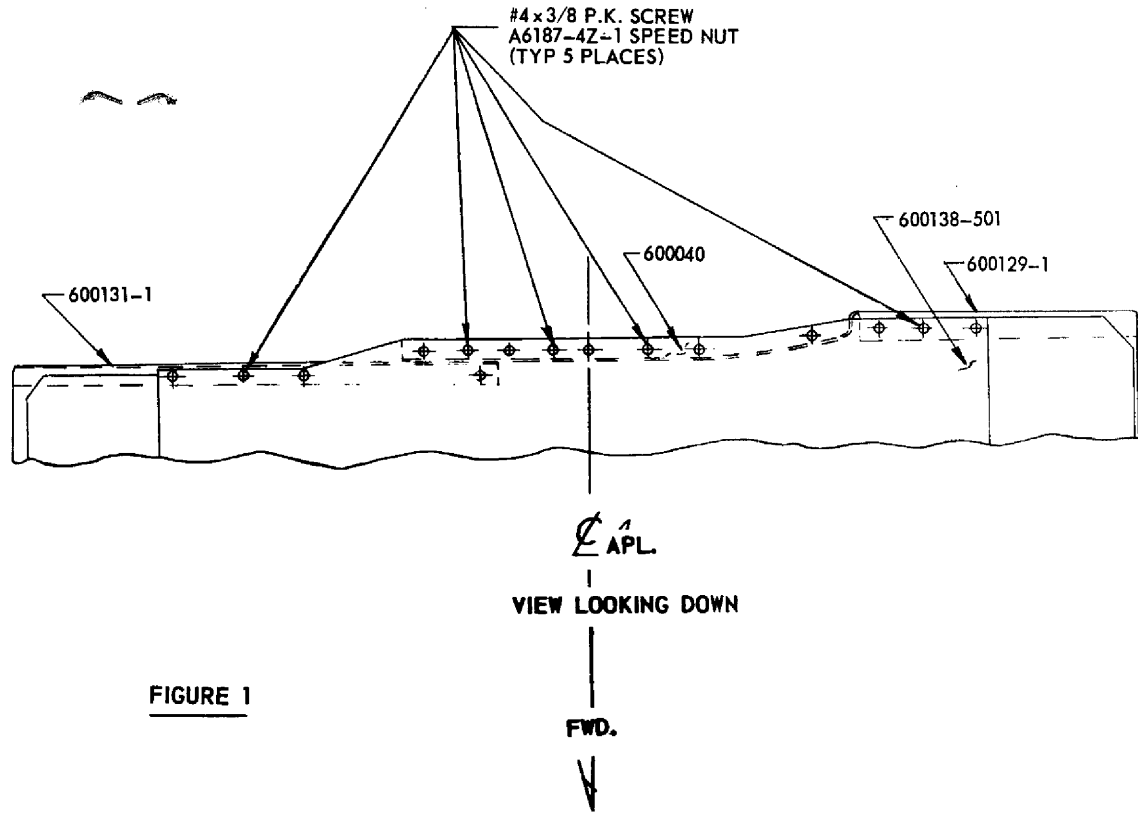
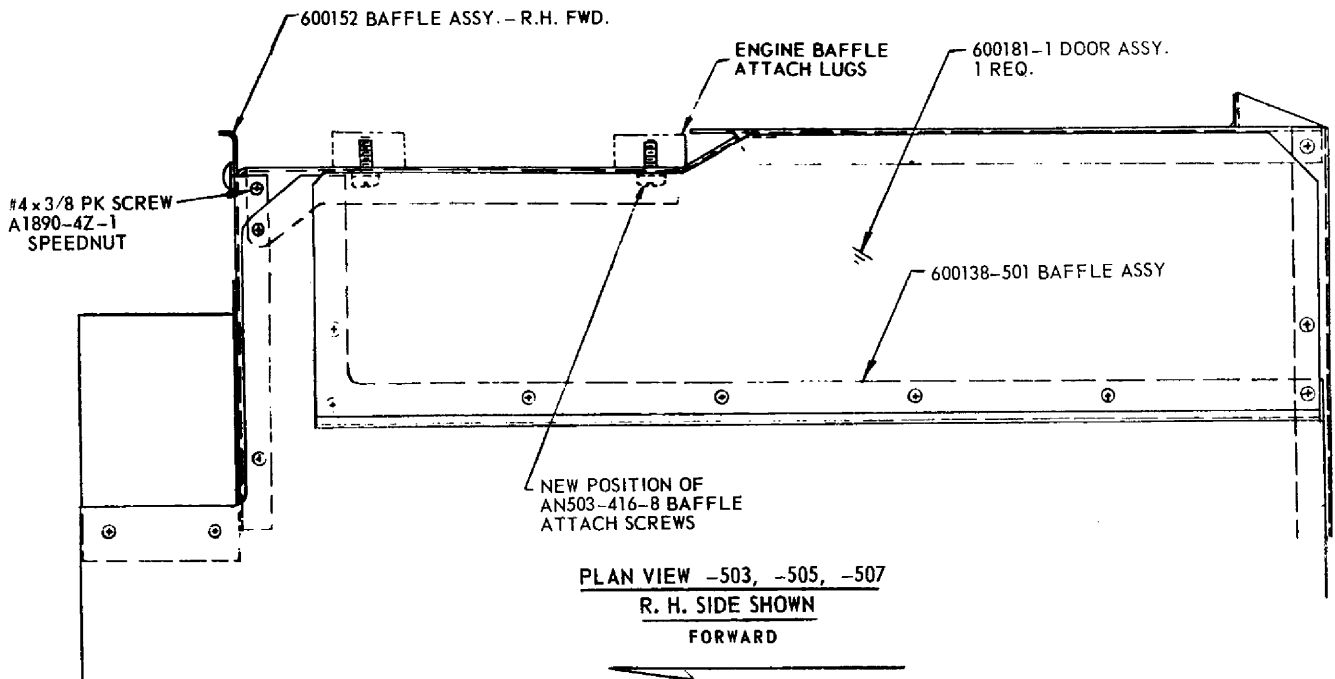


FIGURE 1



PLAN VIEW -503, -505, -507
R. H. SIDE SHOWN
FORWARD

HARDWARE CALLOUTS NOT CHANGED EXCEPT AS NOTED

FIGURE 2