



ENGINE COMPANY, INC. SYRACUSE 6, NEW YORK

FAA-DER APPROVED
SERVICE BULLETIN

No. 107

DATE: 1 December 1964

SUBJECT: INSPECTION OF CARBURETOR ZONE FOR CRACKS

MODELS AFFECTED: 6A4-165-B3

COMPLIANCE: Within 50 hours time in service and thereafter at each 100 Hour or Periodic Inspection until a new zone is installed.

TYPICAL CRACK

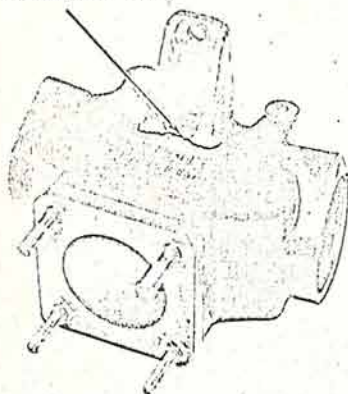


Figure I

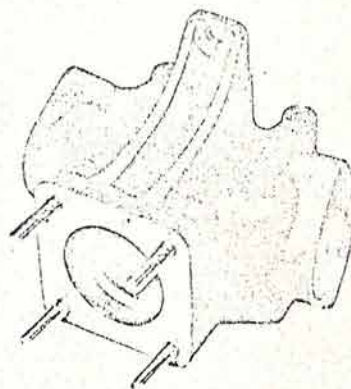


Figure II

1. Early type P/N 18572 Zone Assemblies (Fig. I) are being replaced at overhaul because of crack indications in the 18198 casting at the intersection of the casting wall and the forward support strut.
2. Within the next 50 hours in service, remove the paint from the early type zone where the strut meets the casting wall using a lacquer thinner or other suitable paint stripper. (See Fig. I). Inspect the area for cracks using the dye penetrant method. Replace a cracked zone with latest style assembly. An early type zone that is not cracked may be continued in service subject to repetitive inspection at 100 Hour or Periodic Inspection until replaced with latest type 18572 Zone Assembly (Fig. II).