No. 0904
ATA Code 28-20

SUBJECT: **FUEL SYSTEM - REPLACEMENT OF THE FUEL BOOST PUMP**

EFFECTIVITY: BEECHCRAFT A23-24 and A24, serials MA-1 through MA-368;
A24R, serials MC-2 through MC-95;
A24R, B24R and C24R Sierra 200, serials MC-96 through MC-310 and MC-312 through MC-478.

REASON: To provide an improved fuel boost pump with increased no-flow fuel pressure.

COMPLIANCE: Beech Aircraft Corporation considers this to be a mandatory change and it should be accomplished at the next scheduled inspection.

DESCRIPTION: The existing fuel boost pump is removed and an improved fuel boost pump is installed.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only:

Estimated man-hours: 1.5 hours.
Suggested number of men: 1 man.

MATERIAL: The P/N 1171-00-1 fuel boost pump required for this modification may be obtained through your BEECHCRAFT Parts and Service Outlet. The value of the pump required for the incorporation of these Service Instructions on one airplane is to be advised. Price, when issued, will be subject to change without notice.

WARRANTY: Warranty credit for parts replacement and labor to the extent noted under MANPOWER and MATERIAL will be allowed for claims submitted prior to July 1, 1978.

All warranty reimbursements are handled through franchised BEECHCRAFT outlets. Owners and operators may arrange with these outlets to perform the work and submit the standard Beech Aircraft Corporation warranty claim form to the Commercial Service Department, Beech Aircraft Corporation, Wichita, Kansas, 67201.

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

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Beech Aircraft Corporation issues service information for the benefit of owners and fixed base operators in the form of three classes of Service Instructions. CLASS I (Red Border) are changes, inspections, and modifications that could affect safety. The factory considers compliance mandatory. CLASS II (Green Border) covers changes, modifications, improvements or inspections the factory feels will benefit the owner and although highly recommended, they are not considered mandatory compliance, unless specified at the time of issuance. Class I and II are mailed to:

(a) BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.
(b) Owners of record on the FAA Registration list and the BEECHCRAFT International Owner Notification Service List.
(c) Those having a publications subscription.

CLASS III (No Border) covers changes which are optional, maintenance aids, product improvement kits and miscellaneous service information. Compliance is at the owner or operator's prerogative. Copies of Class III are distributed per a and c above. Information on Owner Notification Service or Subscriptions can be obtained through any BEECHCRAFT Aero or Aviation Center, International Distributor and Dealer, or the Factory. As Service Instructions are issued, temporary notation in the index should be made until the index is revised. Warranty will be allowed only when specifically defined in the Service Instructions and in accordance with Beech Warranty Policy.

98-34239D

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REFERENCES: None.

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Instructions No. 0904" be made in all 19, 23 and 24 series Parts Catalog copies, P/N 169-590012I or subsequent, Figures 281B and 285A.

ACCOMPLISHMENT INSTRUCTIONS: These Service Instructions may be accomplished as follows:

1. Turn the fuel selector valve to the OFF position.
2. Remove the fuel boost pump access cover.
3. Remove the fuel boost pump, retaining the attaching hardware and fittings.
4. Install the P/N 1171-00-1 fuel boost pump using the existing attaching hardware and fittings. Torque the fuel line fittings to 75 to 125 inch-pound.
5. Functionally check the fuel boost pump and connecting fuel lines for proper operation.
6. Reinstall the fuel boost pump access cover.

RECORD COMPLIANCE: Upon completion of these Service Instructions, make an appropriate maintenance record entry.