

SUBJECT: ELECTRICAL (FUSELAGE SECTION), INSULATION OF CIRCUIT BREAKER BUS BAR AND INSTALLATION OF AMMETER CIRCUIT FUSES.

AIRCRAFT AFFECTED: BEECHCRAFT Musketeer, Model B19, serials MB-481 through MB-492; Model C23, serials M-1285 through M-1297; Model A24, serials MA-364 through MA-368; and Model A24R, serials MC-1 through MC-44, except MC-22, MC-23, MC-39, MC-42, and MC-43.

REASON FOR CHANGE: To provide additional protection for the electrical system.

ACCOMPLISHMENT: At the next 100-hour or annual inspection, whichever occurs first.

DESCRIPTION: On the BEECHCRAFT Musketeers noted above, it is recommended that insulation be applied to the circuit breaker bus bar in the area adjacent to the alternator field circuit breaker, and that two fuses be installed in the ammeter circuit. This modification may be accomplished as follows:

PART I. INSULATION OF CIRCUIT BREAKER BUS BAR

1. Locate the alternator field circuit breaker on the right hand electroluminescent instrument panel.
2. Apply plastic electrical tape to the bus bar forward of the panel, covering the bar 1.5 inches on each side of the alternator field circuit breaker.

PART II. INSTALLATION OF AMMETER CIRCUIT FUSES

1. Locate the shunt below the left hand control column.
2. Disconnect wires P1S20 and P2S20 from the shunt.
3. Remove the terminal from each wire.
4. Connect a 155004A fuse holder to each wire.
5. Connect the opposite end of each fuse holder to the same shunt terminal from which the wire was

disconnected.

6. Install a protective covering over the wire splices, or apply plastic electrical tape.
7. Install a 301001 fuse in each 155004A fuse holder.

The following parts are required to accomplish Part II of these Service Instructions. These parts are available through the Beech Aircraft Corporation Dealer Organization.

PART NUMBER	DESCRIPTION	QUANTITY
155004A	Fuse Holder	2
301001	Fuse	2

Upon completion of the modification, enter an appropriate statement in the aircraft log book and return a completed compliance card to Beech Aircraft Corporation. It is suggested that the parts list be filed for future reference until the listing of parts has been incorporated into a revision to the parts catalog.

Man-hours to accomplish modification: 0.8 hour.
Number of men required to accomplish modification: 1 man.

COMPLIANCE CARD RETURN REQUIRED

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.