

77

No. 1128
ATA Code 24-10

SUBJECT: ELECTRICAL POWER - INSTALLATION OF BUS BAR ON ALTERNATOR, BATTERY AND ENGINE GROUND CONNECTIONS

EFFECTIVITY: BEECHCRAFT Skipper 77, serials WA-1 through WA-90.

REASON: To minimize the possibility of overheating at the battery and engine grounding studs if a heavy starter load is experienced.

COMPLIANCE: Beech Aircraft Corporation recommends these Service Instructions be accomplished as soon as possible but no later than the next 100 service hours.

APPROVAL: FAA Approved - DOA CE-2.

MATERIAL: The following part may be ordered through BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.

| PART NUMBER | DESCRIPTION | QUANTITY PER AIRPLANE |
|--------------|-------------|-----------------------|
| 108-364015-1 | Bus Bar | 1 |

MANPOWER: The following information is for planning purposes only:

Estimated man-hours: 1 hour.
Suggested number of men: 2 men.

WARRANTY: BEECHCRAFT Warranty on a new airplane is 180 days from delivery or 180 days from the date noted on the Owner Warranty Card. Warranty credit for parts and labor to the extent noted under MATERIAL and MANPOWER will be allowed on BEECHCRAFT S within warranty at the time these Service Instructions are released.

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.

DJ-52
480 II

1 of 2

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.

Service Instructions No. 1128

WEIGHT AND BALANCE: None.

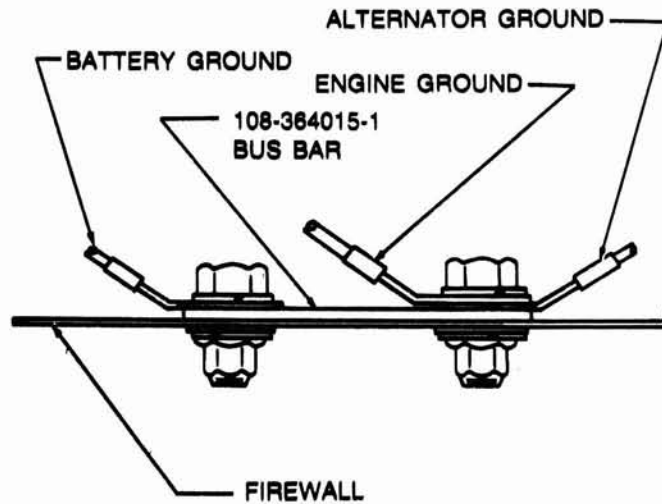
REFERENCES: None.

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Instruction No. 1128" be made in the following:

Skipper 77 Wiring Diagram Manual copies, P/N 108-590000-15B or subsequent, Chapter 24-30.

ACCOMPLISHMENT INSTRUCTIONS:

1. Turn off and/or disconnect battery and all other electrical power.
2. Gain access to the alternator, battery and engine grounding bolts through the oil access door.



NOTE

These bolts are approximately 3 inches to the right of the fuel pressure transmitter.

3. It will be necessary for one person to assist in the bolt removal from the inside of the airplane. Maintaining the relative position of the attaching hardware and wiring, pull the bolts away from the firewall and install the bus bar so that upon reinstallation the bus bar will be against the firewall as shown in the illustration.

CAUTION

The wiring is to be reinstalled in the same position as before removal.

4. Re-activate electrical system and check to insure all connections are correct.

RECORD COMPLIANCE:

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