

19, 23, 24

No. 0413-354
ATA Code 24-00

SUBJECT: ELECTRICAL (FUSELAGE SECTION), INSTALLATION OF A SWITCH FOR STROBE LIGHT AND/OR ROTATING BEACON OPERATION.

AIRCRAFT AFFECTED: BEECHCRAFT Musketeer B19, serials MB-481 through MB-492; C23, serials M-1285 through M-1297, except M-1293; A24, serials MA-364 through MA-368; and A24R, serials MC-1 through MC-44, except MC-22, MC-23, MC-39, MC-42, and MC-43.

REASON FOR CHANGE: To provide an improved switch for rotating beacon and strobe light operation, and to comply with present FAA requirements.

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

DESCRIPTION: Current production BEECHCRAFT Musketeers incorporate a three-position switch for rotating beacon and strobe light operation in place of the previous two-position circuit breaker switch. The three-position switch provides for simultaneous operation of the rotating beacon installation and the strobe light installation as well as operation of the rotating beacon only, plus a positive OFF position for both systems. It is recommended that the improved switch be installed on the BEECHCRAFT Musketeers noted above. Modification is described in the following procedure.

1. Disconnect the left hand electroluminescent instrument panel A+ wire (black) and the ground wire (white) from the wire bundle. Tag the wires for identification when they are reconnected.
2. Remove the left hand electroluminescent instrument panel, exercising care not to damage the panel.
3. Disconnect the wire on the existing circuit breaker switch for the rotating beacon and remove the circuit breaker switch from the subpanel.
4. Remove the portion of the bus bar supplying the rotating beacon.
5. Install an MS35058-21 switch in the cutout from which the existing rotating beacon circuit breaker switch was removed.
6. Connect wire L2A16, disconnected from the rotating beacon circuit breaker switch in Step 3, to the top terminal of the MS35058-21 switch.
7. Install a 16 AWG jumper between the top and bottom terminals of the MS35058-21 switch.
8. Connect one lead of a 155020 fuse holder to the center (common) terminal of the MS35058-21 switch.
9. Connect the other lead of the 155020 fuse holder

- to the bus bar at the navigation light circuit breaker switch.
10. Install a 313020 fuse in the 155020 fuse holder.
11. Reinstall the left hand electroluminescent instrument panel.
12. Reconnect the left hand electroluminescent instrument panel A+ wire (black) and the ground wire (white) to the wire bundle.
13. Retie all wires to the wire bundle.

The following parts are required for this modification. They are available through the Beech Aircraft Corporation Dealer Organization.

PART NUMBER	DESCRIPTION	QUANTITY
MS35058-21	Switch	1
155020	Fuse Holder	1
313020	Fuse	1

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 a note be placed in the parts catalog until the new part numbers have been incorporated into a revision to the parts catalog.

PLANNING INFORMATION

The following information is for planning purposes only:

Estimated man-hours: 2.6 hours.
Suggested number of men: 1 man.

COMPLIANCE CARD RETURN REQUIRED

AW-634

1170

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BEECHCRAFT International Owner Notification Service List
(c) Those having a publications subscription

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