

Beechcraft CLASS I SERVICE INSTRUCTIONS

19, 23, 24

No. 0415-161
ATA Code 27-50

SUBJECT: FLAP MECHANISM, ELECTRIC FLAP SYSTEM MODIFICATION

AIRCRAFT AFFECTED: BEEHCRAFT Musketeer, Model A24R, serials MC-3 through MC-70 except MC-22, MC-23, MC-39, MC-43, MC-63 and MC-64; Model A24, serial MA-368; Model C23, serials M-1286 and M-1300; Model B19, serials MB-490, MB-495 and MB-496 which are equipped with the optional electric flap installation.

REASON FOR CHANGE: To preclude the possibility of inadvertant flap retraction.

ACCOMPLISHMENT: As soon as practical after receipt of this Service Instruction, but no later than the next 100 hours of operation.

DESCRIPTION: On the BEEHCRAFT Musketeers noted above it is necessary to form the actuator tube P/N 169-534071-15 at the forward end to prevent loosening of the tube during operation. Modification may be accomplished in the following manner:

1. Remove the third and fourth seat and floorboard under these seats when installed.
2. Remove the inspection plate over the flap actuator assembly.
3. Determine that the forward end of the actuator tube is fully engaged on the threaded end of the walking nut. The end of the tube should be butted against the aft surface of the walking nut.
4. Place a heavy bucking bar at the bottom forward edge of the actuator tube as shown in the illustration and with a 1/8 inch drift punch, form the edge of the tube down approximately 1/32 inch to prevent the threaded end of the walking nut on the screw-shaft from backing out of the tube.

After complying with this Service Instruction, enter an appropriate statement in the aircraft log book and return a completed compliance card to Beech Aircraft Corporation.

PLANNING INFORMATION

Estimated Man-hours: 1.0 hour
Suggested Number of Men: 2 men

COMPLIANCE CARD RETURN REQUIRED

None

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- (a) BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers.
- (b) Owners of record on the FAA Registration list and the

BEEHCRAFT 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 BEEHCRAFT 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.

