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No. 0438-211  
ATA Code 32-30

Kit No. 23-8005 S

**SUBJECT:** LANDING GEAR RETRACT MECHANISM, MODIFICATION OF NOSE GEAR RETRACT INSTALLATION.

**AIRCRAFT AFFECTED:** BEECHCRAFT Musketeer A24R, serials MC-2 through MC-21; MC-24 through MC-38; MC-40 through MC-42; MC-44 through MC-47; MC-50 through MC-62; MC-65 through MC-69; and MC-70, MC-85, MC-86, MC-89, MC-91, and MC-94.

**REASON FOR CHANGE:** To provide more positive extension of the nose gear.

**ACCOMPLISHMENT:** As soon as practical after receipt of these Service Instructions, but within the next 25 hours of flight time.

**DESCRIPTION:** On the BEECHCRAFT Musketeer A24R, serials noted above, it is recommended that the nose gear retract installation be modified to provide more positive nose gear extension during gear free fall. Rework involves replacing the existing compression spring with two tension springs and the necessary attaching hardware, installing a new cover boot, bleeding the landing gear hydraulic system, and checking the landing gear system for proper operation.

The parts and instructions required for this modification are contained in Kit No. 23-8005 S. Warranty credit will be allowed for the kit, and for labor not to exceed 12 man-hours. Warranty claims must be submitted prior to December 1, 1971. All kit orders should be accompanied by the information that the kit is on warranty request.

Upon completion of the modification, make an appropriate maintenance record entry, specifying the kit identification number and the kit serial number, and return a completed compliance card to Beech Aircraft Corporation. The kit serial number appears on the pink card placed in each kit. It is suggested that the parts list contained in the kit be filed for future reference until the listing of parts has been incorporated into a revision to the parts catalog.

#### PLANNING INFORMATION

The following information is for planning purposes only.

Estimated man-hours: 12 hours.  
Suggested number of men: 1 man.

COMPLIANCE CARD RETURN REQUIRED

AW-699

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- BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.
- Owners of record on the FAA Registration list and the

BEECHCRAFT International Owner Notification Service List.  
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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.