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No. 0620-204
ATA Code 32-10

SUBJECT: LANDING GEAR - MAIN GEAR AND DOORS - REPLACEMENT OF THE DOOR ATTACHING BOLT WITH A BOLT CONTAINING A LUBRICATION FITTING.

EFFECTIVITY: BEECHCRAFT Model A24R, serials MC-2 through MC-95;
Sierra A24R and B24R serials MC-96 through MC-179.

REASON: To provide a method of lubricating the inboard end of the main landing gear knee pins without removing the bolts securing the landing gear doors to the struts.

COMPLIANCE: At the owner's discretion.

DESCRIPTION: The attaching bolt in each main landing gear door is to be removed and replaced with a bolt containing a lubrication fitting.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only:

Estimated man-hours: .5 hour.
Suggested number of men: 1 man.

MATERIAL: The two 169-110034-16 bolts required for this modification are available through your BEECHCRAFT Parts and Service Outlet. The suggested selling price is \$8.40 each (subject to change without notice).

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

REFERENCES: None.

PUBLICATIONS AFFECTED: It is recommended that a note be made in Section 2 of all Shop Manual copies to "See Service Instructions No. 0620-204." The same note should be added to all Parts Catalog copies on Figure 204.

ACCOMPLISHMENT INSTRUCTIONS: The following procedure describes installation of the new main landing gear door attaching bolt incorporating a lubrication fitting. The procedure applies to both LH and RH gears.

1. Remove the bolt attaching the main landing gear door to the strut, noting installation details such as the retainer washer between the door and the bolt head, the grip bushing between the door and the strut, and the location of any washers used to adjust the gap between the door and the housing assembly.

2. Discard the existing bolt removed in Step 1.

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3. Install the new 169-110034-16 bolt, making certain to position the 169-110029-53 grip bushing between the door and the strut and to place the AN970-5 retainer washer between the door and the bolt head.

4. Apply Aero Lubriplate 630 grease (product of Fiske Brothers Refining Company, 129 Lockwood, Newark, New Jersey 07105), or equivalent, to the lubrication fitting on the 169-110034-16 bolt.

RECORD COMPLIANCE:

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