

76

No. 1051
ATA Code 52-10

SUBJECT: DOORS - REPLACEMENT OF THE DOOR LOCK ASSEMBLIES

EFFECTIVITY: BEECHCRAFT Duchess 76, serials ME-1 through ME-6 and ME-8 through ME-115.

REASON: To provide improved lock assemblies for the baggage and cabin doors.

COMPLIANCE: At the owner's discretion, however, Beech Aircraft Corporation recommends that this be accomplished at the next scheduled inspection.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only:

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

MATERIAL: The P/N 105-590012-7 lock assembly required for this modification may be ordered through BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.

NOTE

The P/N 105-590012-7 lock assembly consists of three lock plugs and two keys. Only one P/N 105-590012-7 lock assembly is required per airplane.

WARRANTY: Warranty credit for parts and labor to the extent noted under MATERIAL and MANPOWER will be allowed for all claims submitted prior to March 31, 1980.

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.

WEIGHT AND BALANCE: None.

REFERENCES: None.

DB 140

479 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. 1051

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Instructions No. 1051" be made in all BEECHCRAFT Duchess 76 Parts Catalog copies, P/N 105-590000-9 or subsequent, Chapter 25-10.

ACCOMPLISHMENT INSTRUCTIONS:

These Service Instructions may be accomplished as follows:

1. Remove the two screws from the inside of the baggage door latch and remove the baggage door outer handle assembly.
2. Remove the lock plug from the baggage door outer handle assembly by compressing the clip at the base of the plug.

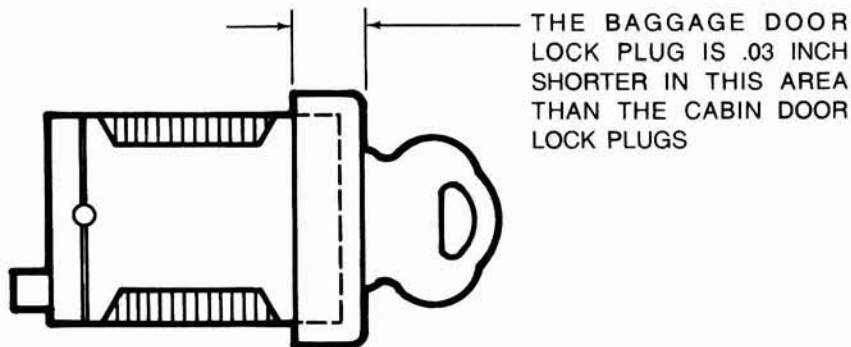
NOTE

Before installing the new lock plugs, insert the new keys and carefully file off any tumblers which may protrude from the plug.

3. Install the new baggage door lock plug in the baggage door outer handle assembly.

NOTE

The baggage door lock plug has .03 inch trimmed off of the plug island to provide a better fit (see illustration).



4. Reinstall the baggage door outer handle assembly in the baggage door using the screws which were removed in step 1.
5. Remove the upholstery panel from the cabin door.
6. Remove the two attaching screws and remove the cabin door outer handle assembly.
7. Remove the lock plug from the cabin door outer handle assembly by compressing the clip at the base of the plug.
8. Install a new lock plug in the cabin door outer handle assembly.
9. Reinstall the cabin door outer handle assembly in the cabin door using the screws which were removed in step 6.
10. Reinstall the upholstery panel on the cabin door.
11. Repeat steps 5 through 10 on the other cabin door.
12. Check the baggage door and the cabin door latches and locks for proper operation.

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