



CLASS I

SERVICE INSTRUCTIONS



76

No. 1237
ATA Code 54-10

Kit No. 76-4003-1 S

SUBJECT: NACELLES - TO PROVIDE INSPECTION PLATES TO FACILITATE THE ENGINE MOUNT/NACELLE CHANNEL INSPECTION

EFFECTIVITY: BEEHCRAFT Duchess 76, serials ME-1 through ME-437.

REASON: To provide inspection plates to facilitate the Engine Mount/Nacelle Channels inspection specified in the Duchess 76 Maintenance Manual, Chapter 4-00, Airworthiness Limitations.

COMPLIANCE: Beech Aircraft Corporation considers this to be a mandatory modification, and it should be accomplished prior to the accumulation of 1000 hours total time in service.

On airplanes with more than 1000 hours time in service at the time these Service Instructions are released, this modification should be accomplished as soon as possible, but no later than the next 100 service hours.

APPROVAL: Engineering data contained in these Service Instructions is FAA approved.

MANPOWER: The following information is for planning purposes only:

Estimated man-hours: 8 hours.

Suggested number of men: 1 man.

The above is an estimate based on experienced personnel complying with these Service Instructions. Occasionally after work has started, conditions may be found which could result in additional man-hours.

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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) 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.

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MATERIAL: The parts required for this modification are contained in Kit No. 76-4003-1 S. The kit may be ordered through BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers. The value of the kit required to incorporate these Service Instructions on one airplane is to be advised. Price, when issued, will be subject to change without notice. Beech Aircraft Corporation expressly reserves the right to supersede, cancel and/or declare obsolete any kits or publications that may be referenced in these Service Instructions without prior notice.

NOTICE

All BEEHCRAFT kits, unless otherwise designated, are approved for installation on BEEHCRAFT airplanes in original or BEEHCRAFT modified configurations only. BEEHCRAFT kits may not be compatible with airplanes modified by STC installations or modifications other than BEEHCRAFT approved kits.

WARRANTY: Warranty credit for parts and labor to the extent noted under MATERIAL and MANPOWER will be allowed on all affected airplanes for the initial modification only. No warranty credit will be allowed for subsequent inspections.

All warranty reimbursements are handled through franchised BEEHCRAFT Aero or Aviation Centers and International Distributors and Dealers. Owners and operators should arrange with these outlets to perform the work and have them submit the standard Beech Aircraft Corporation warranty claim form through BEEHCRAFT Parts and Equipment Marketing Wholesalers or International Distributors.

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

REFERENCES: BEEHCRAFT Duchess 76 Maintenance Manual, P/N 105-590000-7 or subsequent, Chapters 4-00 and 57-00.

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Instructions No. 1237" be made in the following:

Duchess 76 Parts Catalog copies, P/N 105-590000-9C or subsequent, Chapter 54-30;
Duchess 76 Maintenance Manual, P/N 105-590000-7 or subsequent, Chapter 57-00.

ACCOMPLISHMENT INSTRUCTIONS: The parts and instructions required to install inboard and outboard inspection panels on both left and right engine nacelles are contained in Kit No. 76-4003-1 S.

If cracks are found as a result of the inspection specified in Chapter 57-00, Mandatory Inspection Schedule, of the Maintenance Manual, contact the Service Department, Beech Aircraft Corporation, Liberal, KS. P.O. Box 300, 67901, Telephone (316) 624-1613, TWX No. 910-740-1501.

**RECORD
COMPLIANCE:**

Upon completion of these Service Instructions, make an appropriate maintenance record entry specifying the kit identification number and the kit serial number. It is recommended that the parts list contained in the kit be filed for future reference until the listing of parts has been incorporated into the Parts Catalog.