

19, 23, 24

No. 0700-157, Rev. I
ATA Code 51-00

SUBJECT: FLIGHT CONTROLS - PEDESTAL OR CONSOLE STRUCTURE - REPLACEMENT OF QUADRANT CONTROL COVER

SYNOPSIS OF CHANGE: Effectivity change.

EFFECTIVITY: BEEHCRAFT B19 Sport 150, serials MB-558 through MB-749;
C23 Sundowner 180, serials M-1413, M-1414, M-1416, M-1417, M-1418, M-1420, M-1421, M-1422, M-1424 through M-1438, M-1440 through M-1446 and M-1448 through M-1618;
B24R Sierra 200, serials MC-151 through MC-323.

REASON: A new improved engine controls quadrant cover is now available which has improved lettering and is made from heavier material to retain its shape.

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

DESCRIPTION: The existing quadrant control cover is removed and an improved cover is installed.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only:

Estimated man-hours: 3 hours.
Suggested number of men: 1 man.

MATERIAL: The following parts required to complete this modification are available through your BEEHCRAFT Parts and Service Outlet.

PART NUMBER	DESCRIPTION	QUANTITY
169-940017-175	Quadrant control cover assembly (B24R only)	1
169-940017-177	Quadrant control cover assembly (B19 and C23 only)	1
MS24622-29	Screw	4
AN509-832R7	Screw	4

AW-1006
575

1 of 2

CLASS II

II

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.

98-34238D

Service Instruction No. 0700-157, Rev. I

WARRANTY: Warranty credit will be allowed for parts and labor not to exceed the man-hours listed under MANPOWER on claims received prior to January 6, 1976. Submit all claims to Parts and Service Operations, Beech Aircraft Corporation, Wichita, Kansas 67201. All orders for parts should be noted as being on warranty request.

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

REFERENCES: None.

PUBLICATIONS AFFECTED: It is recommended that a note to "See Service Instruction No. 0700-157, Rev. I" be made on all 19, 23 and 24 series Parts Catalog copies P/N 169-590012G or subsequent, Figure 159A.

**ACCOMPLISHMENT
INSTRUCTIONS:**

Quadrant control cover replacement may be accomplished as follows:

1. Remove the knobs from the three control levers on the quadrant control and remove the controls friction handle.
2. Remove the four screws holding the quadrant control cover in place, discard them, and remove the quadrant control cover and discard it.
3. Countersink the holes in the instrument panel where the four attach screws were removed to .319-inch x 100° and install four AN509-832R7 screws in the holes.
4. Place the appropriate new quadrant control cover assembly, specified in the MATERIAL section, over the control levers.
5. Position the cover to allow full travel, without interference, of the control levers and drill four new .125/.144-inch holes through the instrument panel using the holes in the new cover as guides.
6. Install four MS24622-29 screws in the holes to attach the cover to the instrument panel, paint the screw heads to match the instrument panel, reinstall the knobs on the control levers and reinstall the controls friction handle.

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