



CLASS II

SERVICE INSTRUCTIONS

19, 23, 24

No. 0456-392
ATA Code 31-10

SUBJECT: INSTRUMENTS - INSTRUMENT PANEL (FIXED) - INSTALLATION OF IMPROVED OIL PRESSURE AND TEMPERATURE GAGE.

EFFECTIVITY: BEEHCRAFT Musketeer C23, serials M-1303 through M-1311, M-1313 through M-1315, M-1319, M-1322 through M-1340, M-1345, M-1346, M-1348, M-1349, and M-1351; B19, serials MB-493 through MB-506, except MB-503; and A24R, serials MC-70 through MC-95, except MC-76 and MC-81.

REASON: The oil pressure and temperature gage has been modified to prevent the possibility of the internal lighting wires short circuiting to the back plate of the gage.

COMPLIANCE: At the next 100-hour or annual inspection, whichever occurs first.

DESCRIPTION: The existing oil pressure and temperature gage is removed and replaced with a modified gage identified by the letter "B" after the instrument serial number.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only.
Estimated man-hours: 0.5 hour.
Suggested number of men: 1 man.

MATERIAL: The modified oil pressure and temperature gage (part number unchanged) is available through the Beech Aircraft Corporation Dealer Organization. Warranty credit will be allowed for the gage, and for labor not to exceed 0.5 man-hour. Receipt of the removed gage by Beech Aircraft Corporation prior to March 1, 1972 is required for qualification for warranty credit. All orders should be accompanied by the information that the gage is on warranty request.

P/N	DESCRIPTION	QUANTITY
1U078-101-2	Oil Pressure and Temperature Gage	1

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

No BECP

971

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

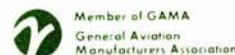
BEEHCRAFT International Owner Notification Service List.
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CLASS III (No Border) covers changes which are optional, maintenance aids, product improvement kits and miscellaneous service information. Compliance is at the owner or operator's prerogative. Copies of Class III are distributed per a and c above. Information on Owner Notification Service or Subscriptions can be obtained through any 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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CLASS II

96-34238D



Service Instructions No. 0456-392

REFERENCES: None.

PUBLICATIONS AFFECTED: None.

ACCOMPLISHMENT
INSTRUCTIONS:

Installation of the modified oil pressure and temperature gage is described in the following procedure.

1. Remove the four screws securing the frame of the engine instrument cluster to the instrument panel.
2. Slide the cluster forward and remove the two nuts securing the outer frame to the inner metal frame.
3. Carefully pull the oil pressure and temperature gage forward and disconnect the electrical wiring and the oil pressure line. Retain the gage for return to Beech Aircraft Corporation.
4. Connect the electrical wiring and the oil pressure line to the back of a modified 1U078-101-2 oil pressure and temperature gage, and carefully insert the gage into position in the cluster.

CAUTION

Make certain that the wires are connected to the correct terminals on the gage.

5. Reattach the cluster inner metal frame to the outer frame and reinstall the outer frame in the instrument panel.

RECORD COMPLIANCE: Upon compliance with these Service Instructions, make an appropriate maintenance record entry.