

23

No. 0635-159, Rev. I
ATA Code 73-20

SUBJECT: FLIGHT CONTROLS - ENGINE CONTROLS - INSTALLATION OF SPACER BETWEEN BRACKET AND MIXTURE CONTROL CABLE CLAMP.

SYNOPSIS OF CHANGES: Added reference note under COMPLIANCE for simultaneous accomplishment with Service Instructions No. 0608-159.

EFFECTIVITY: BEEHCRAFT Model B23 and C23, serials M-1095 through M-1361; Sundowner C23, serials M-1362 through M-1418, M-1420 through M-1451, M-1459, M-1460, M-1462, M-1463, M-1465 through M-1491.

REASON: To prevent possible interference between the mixture control cable and mixture arm extension.

COMPLIANCE: As soon as practical but not later than the next regularly scheduled inspection.

NOTE

For convenience, if the original issue of these Service Instructions has not been accomplished on C23 serials M-1420, M-1421, M-1425 through M-1432, M-1434, M-1438, M-1441 through M-1446, M-1449, M-1451, M-1459, M-1460, M-1462, M-1463 and M-1465 which are applicable to Class I Service Instructions No. 0608-159, it is recommended that these Service Instructions be accomplished simultaneously with Service Instructions No. 0608-159.

DESCRIPTION: A spacer is installed between the mixture control bracket on the carburetor and the mixture control clamp.

APPROVAL: FAA Approved - DOA CE-2.

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

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

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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.



Service Instructions No. 0635-159, Rev. I

PART NUMBER	DESCRIPTION	QUANTITY	PRICE*
105739A-ZF0375	Spacer	1 per aircraft	\$4.10 each
AN3-12A/M/	Bolt	1 per aircraft	\$2.00 **

*Estimated suggested selling price. (Subject to change without notice.)
 **Price for minimum buy quantity of 50.

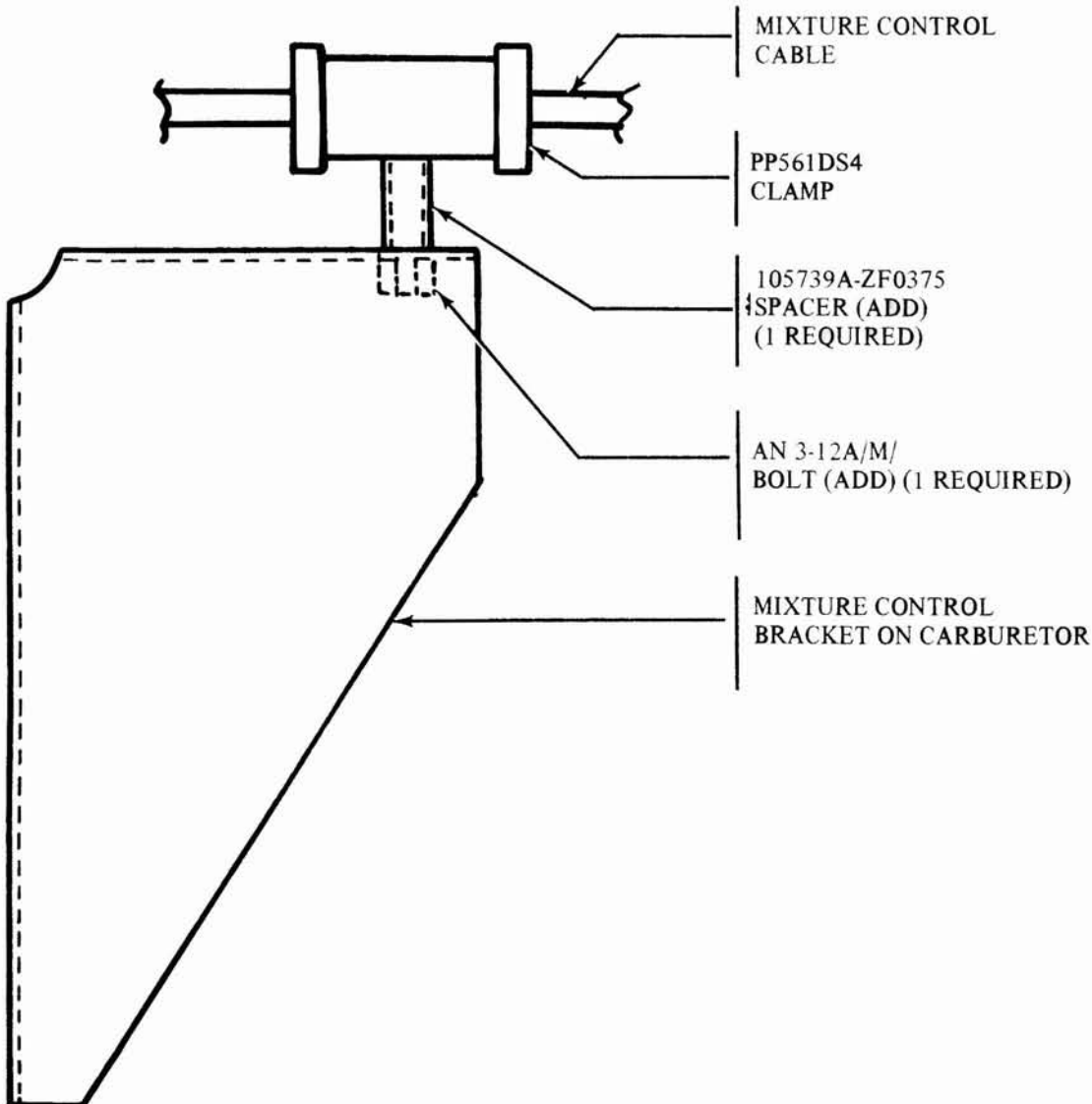
WARRANTY: This is a product improvement and may be installed at the owner's option, therefore no warranty is applicable.

SPECIAL TOOLS: None.

WEIGHT AND BALANCE: None.

REFERENCES: None.

PUBLICATIONS AFFECTED: It is recommended that a note be made on Figure 159 of all Parts Catalog copies, P/N 169-590012G or subsequent, to "See Service Instruction's No. 0635-159, Rev. I."



**ACCOMPLISHMENT
INSTRUCTIONS:**

This modification may be accomplished in the following manner:

1. Remove the lower engine cowling.
 2. Remove the AN3-7A bolt securing the mixture control cable clamp to the mixture control bracket on the carburetor. Discard the AN3-7A bolt.
 3. Place the new 105739A-ZF0375 spacer between the clamp and bracket. Using the new AN3-12A/M/ bolt, install the clamp to the bracket. See illustration.
 4. Install the lower engine cowling.
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RECORD COMPLIANCE:

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