



CLASS II

# SERVICE INSTRUCTIONS

19

No. 0692-258  
ATA Code 71-60

**SUBJECT:** POWER PLANT - INDUCTION SYSTEM - INSTALLATION OF A CLAMP ON THE INDUCTION AIR HOSE

**EFFECTIVITY:** BEEHCRAFT B19, serials MB-481 through MB-520;  
B19 Sport 150, serials MB-521 through MB-730, MB-733 through MB-736, MB-741, MB-743, MB-749, MB-750 and MB-753.

**REASON:** To assure adequate clearance between the induction air hose and the exhaust muffler.

**COMPLIANCE:** At the owners discretion, however Beech Aircraft Corporation recommends this be accomplished at the next scheduled inspection.

**DESCRIPTION:** The induction air hose is secured to the lower engine cowl with a clamp.

**APPROVAL:** FAA Approved - DOA CE-2

**MANPOWER:** The following information is for planning purposes only:

Estimated man-hours: 1.5 hours.  
Suggested number of men: 1 man.

**MATERIAL:** The following parts required for this modification are available through your BEEHCRAFT Parts and Service Outlet or may be obtained locally:

| PART NUMBER       | DESCRIPTION | QUANTITY | PRICE*        |
|-------------------|-------------|----------|---------------|
| MS21919DG48       | Clamp       | 1        | \$ 1.20       |
| AN526-832R10      | Screw       | 1        | \$ .02        |
| AN364-832         | Nut         | 1        | To be advised |
| 115167EXX121063** | Duct        | 1        | \$ 9.00       |

\* Estimated suggested selling price, (subject to change without notice).  
\*\* Used if duct is worn or incorrect length.

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

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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.

98-34238D



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## Service Instructions No. 0692-258

**SPECIAL TOOLS:** None.

**WEIGHT AND BALANCE:** None.

**REFERENCES:** None.

**PUBLICATIONS AFFECTED:** It is recommended that a note to "See Service Instructions No. 0692-258" be made on all 19, 23 and 24 Parts Catalog copies P/N 169-590012G or subsequent, figure 241B.

### ACCOMPLISHMENT INSTRUCTIONS:

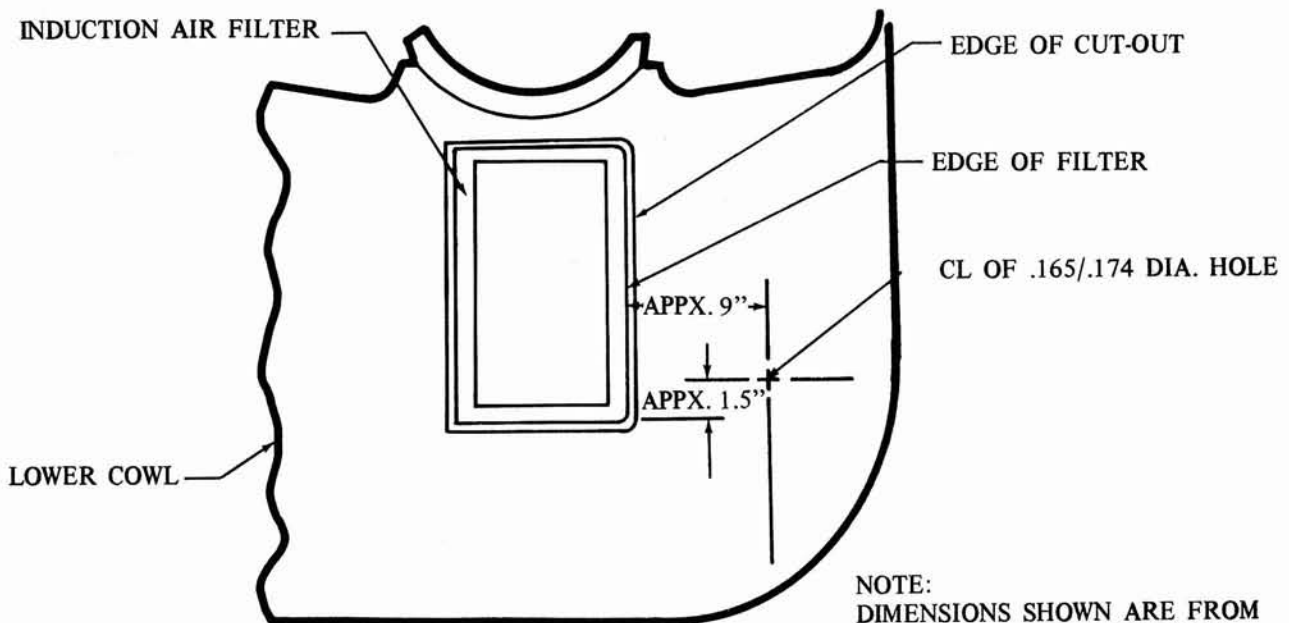
These Service Instructions may be accomplished as follows:

1. Remove the upper engine cowl.
2. Inspect the existing induction air duct to determine that its P/N is 115167EXX121063 (26.5 inches long) and that it is in good condition. If either of the above conditions is not present the duct should be replaced with a new 115167EXX121063 induction air duct.
3. Drill a .165/.174-inch diameter hole through the lower engine cowl at a location 9 inches to the right of the edge of the induction air filter and 1.5 inches above the bottom edge of the induction air filter when viewed from the forward side looking aft. Figure 1 shows the location of this hole.
4. Secure the 115167EXX121063 induction air duct to the lower engine cowl using an MS21919DG48 clamp, AN526-832R10 screw and an AN364-832 nut. The head of the screw is to be on the outside of the cowl. This installation is shown in figure 2.

### CAUTION

When drilling the hole in the lower engine cowl, caution must be exercised so that the drill bit does not damage any parts on the inside of the cowl.

5. After completion of this installation there should be a minimum of one inch distance between the exhaust muffler and the induction air hose.
6. Replace the upper engine cowl.



NOTE:  
DIMENSIONS SHOWN ARE FROM  
EDGE OF FILTER, NOT FROM  
CUT-OUT.

Figure 1  
(Looking Aft)

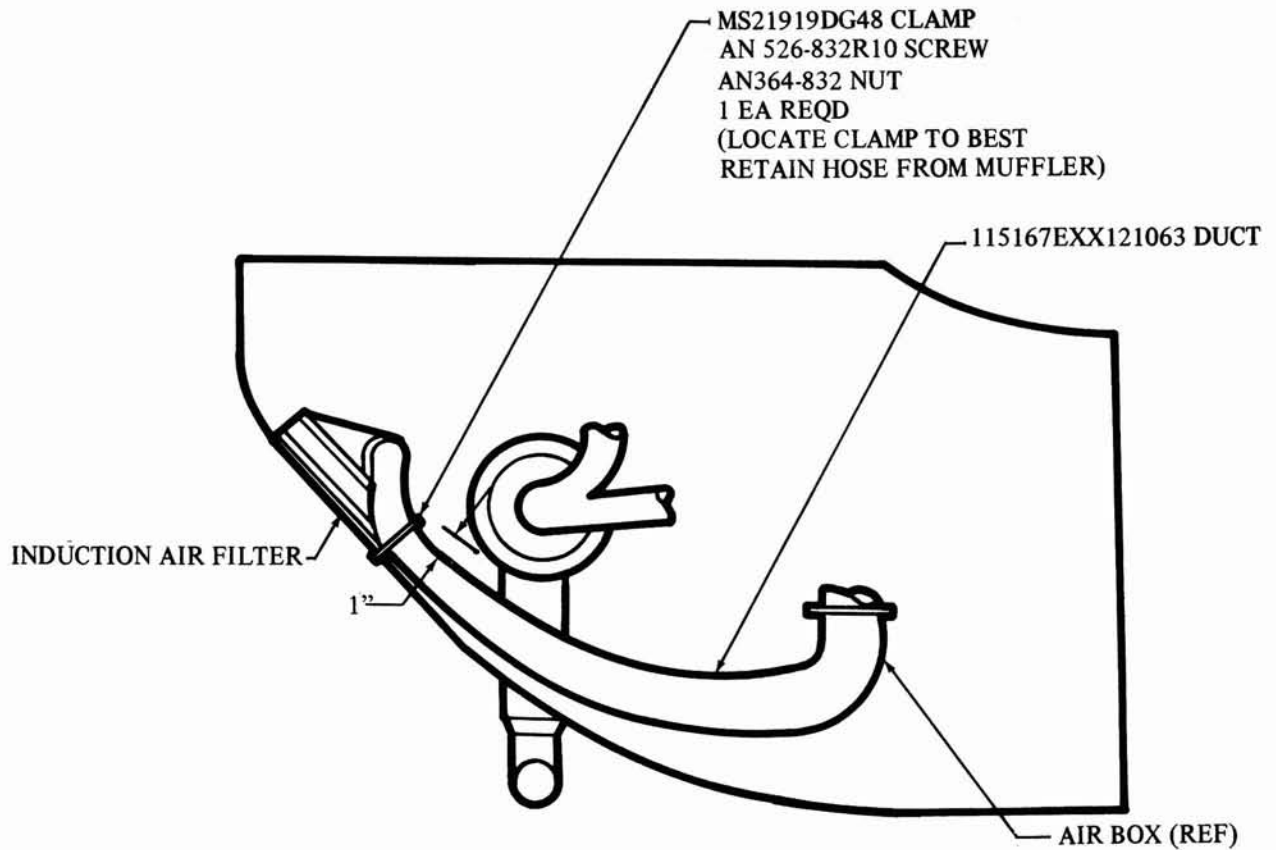


Figure 2

**RECORD COMPLIANCE:**

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