19, 23, 24

No. 0883
ATA Code 71-60

SUBJECT: **POWER PLANT - INSPECTION OF THE INDUCTION AIR FILTER INSTALLATION**

EFFECTIVITY: BEECHCRAFT B19, serials MB-481 through MB-520;
B19 Sport 150, serials MB-521 through MB-722, and MB-724 through MB-813;
C23, serials M-1285 through M-1361;
C23 Sundowner 180, serials M-1362 through M-1874;
A24, serials MA-364 through MA-368;
A24R, serials MC-2 through MC-95;
A24R and B24R Sierra 200, serials MC-96 through MC-446.

NOTE

These Service Instructions supersede and cancel Service Communique No. 24, dated September 13, 1976 which was issued on the same subject.

REASON: To assure proper installation of the induction air filter and seal.

COMPLIANCE: Beech Aircraft Corporation considers this to be a mandatory inspection and it should be accomplished within the next 50 service hours, but no later than the next 100 hour or annual inspection.

DESCRIPTION: The induction air filter and seal are inspected for condition and installation, and replaced if necessary.

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 following parts, if required, are available through your BEECHCRAFT Parts and Service Outlet.

CLASS I

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) BEECHCRAFT Aero or Aviation Centers and International Distributors and Dealers.
(b) Owners of record on the FAA Registration list and the BEECHCRAFT 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 BEECHCRAFT 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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PART NUMBER	DESCRIPTION	QUANTITY
169-380064-3	Filter	1 per airplane
MS35206-256	Screw	2 per airplane

The value of the parts, if required, for the incorporation of these Service Instructions on one airplane is to be advised. Prices, when issued, will be subject to change without notice.

WARRANTY:

Warranty credit for parts replacement and labor to the extent noted under MATERIAL and MANPOWER will be allowed for claims submitted prior to January 1, 1978.

All warranty reimbursements are handled through franchised BEECHCRAFT outlets. Owners and operators may arrange with these outlets to perform the work and submit the standard Beech Aircraft Corporation warranty claim form to the Commercial Service Department, Beech Aircraft Corporation, Wichita, Kansas 67201.

SPECIAL TOOLS:

None.

WEIGHT AND BALANCE:

None.

REFERENCES:

None.

PUBLICATIONS AFFECTED:

None.

ACCOMPLISHMENT INSTRUCTIONS:

These Service Instructions may be accomplished as follows:

1. Remove the induction air filter from the lower engine cowling.
2. Inspect the induction air filter for possible damage, seal deterioration, elongated filter attachment holes, and proper bonding of the seal to the aft side of the filter.
3. If the filter and seal are in good condition and properly bonded together, reinstall the filter in the lower engine cowling, and no further action is required. If any damage or deterioration is discovered, install a new P/N 169-380064-3 induction air filter, and two (2) P/N MS35206-256 screws.

CAUTION

If a 169-380064-3 Donaldson dry type filter is installed, follow instructions on side of filter and DO NOT soak the filter in oil.

RECORD COMPLIANCE:

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