



# CLASS I SERVICE INSTRUCTIONS

24, 33, 35, 36, 55

No. 0021-248, -249, Rev. I  
ATA Code 61-10

**SUBJECT:** PROPELLER - 2-BLADED AND 3-BLADED - PART I, McCauley Service Bulletin No. 92, CYLINDER ATTACHMENT IMPROVEMENT (ATTACHED); PART II, McCauley Service Bulletin No. 93, COUNTERWEIGHT ATTACHMENT IMPROVEMENT (ATTACHED).

**SYNOPSIS OF REVISION:** Part I - Compliance with McCauley Service Bulletin No. 92 (supersedes No. 66) recommended, and Effectivity changed.  
Part II - This portion added to recommend compliance with McCauley Service Bulletin No. 93.

**EFFECTIVITY:** Part I - The following aircraft if equipped with a McCauley 2D34C8, 2A36C23, 3A32C76, or 2A36C82 propeller with the cylinder secured to the hub as described in McCauley Service Bulletin No. 92 - BEECHCRAFT Musketeer A23-24, serials MA-1 through MA-363; Debonairs/Bonanzas 35-33, 35-A33, 35-B33, 35-C33, E33, and F33, serials CD-1 through CD-1254; Debonairs/Bonanzas 35-C33A, E33A, and F33A, serials CE-1 through CE-345; Bonanzas E33C and F33C, serials CJ-1 through CJ-30; Bonanzas H35, J35, K35, M35, N35, P35, S35, V35, V35TC, V35A, V35A-TC, V35B, and V35B-TC, serials D-4866 through D-9277; and Bonanzas 36 and A36, serials E-1 through E-273.

Part II - The following aircraft if equipped with McCauley 2AF36C39, 2AF34C55, or 2AF36C89 propellers with counterweight assemblies as described in McCauley Service Bulletin No. 93 - BEECHCRAFT Barons 95-55, 95-A55, 95-B55, and 95-B55A, serials TC-1 through TC-1396; and Barons 95-C55, 95-C55A, D55, D55A, E55, and E55A, serials TE-1 through TE-845.

**REASON:** Part I - To comply with McCauley Service Bulletin No. 92.

Part II - To comply with McCauley Service Bulletin No. 93.

**COMPLIANCE:** Part I - As soon as practical after receipt of these Service Instructions, but within the next 100 hours of flight time.

Part II - When the propeller is submitted for servicing of any kind, regardless of the number of hours the propeller has been in service.

**DESCRIPTION:** Part I - Compliance with McCauley Service Bulletin No. 92 on the BEECHCRAFT Musketeers, Debonairs, and Bonanzas specified under Effectivity is recommended. McCauley Service Bulletin No. 92 supersedes Service Bulletin No. 66 dated January 22, 1968. Compliance with McCauley Service Bulletin No. 66 was recommended in Beech Aircraft Corporation Service Instructions No. 0021-241, original, dated February, 1968.

Part II - Compliance with McCauley Service Bulletin No. 93 on the BEECHCRAFT Barons specified under Effectivity is recommended.

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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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CLASS I

**Service Instructions No. 0021-248, -249, Rev. I**

**MANPOWER:** As required by the attached McCauley Service Bulletins.

**MATERIAL:** As required by the attached McCauley Service Bulletins. Parts are available through the Beech Aircraft Corporation Dealer Organization.

**SPECIAL TOOLS:** As required by the attached McCauley Service Bulletins.

**WEIGHT AND BALANCE:** As required by the attached McCauley Service Bulletins.

**REFERENCES:** Part I - McCauley Service Bulletin No. 92, Cylinder Attachment Improvement, dated April 21, 1971 and all subsequent revisions (if issued).  
Part II - McCauley Service Bulletin No. 93, Counterweight Attachment Improvement, dated April 21, 1971, Revision 93-1 dated June 30, 1971, Revision 93-2 dated July 28, 1971, and all subsequent revisions (if issued).

**PUBLICATIONS AFFECTED:** It is recommended that a note be made in all parts catalog copies to "See Service Instructions No. 0021-248, -249, Rev. I."

**ACCOMPLISHMENT INSTRUCTIONS:** As required by the attached McCauley Service Bulletins.

**RECORD COMPLIANCE:** Upon completion of modification, make an appropriate maintenance record entry, and return a completed compliance card to Beech Aircraft Corporation.



CLASS I

# SERVICE INSTRUCTIONS

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SUPPLEMENT NO. 1

No. 0021-248, -249, Rev. I  
ATA Code 61-10

**SUBJECT:** PROPELLER - 2-BLADED AND 3-BLADED - REVISION 93-3 TO McCAULEY SERVICE BULLETIN NO. 93, COUNTERWEIGHT ATTACHMENT IMPROVEMENT.

**EFFECTIVITY:** Same as specified for Part II of Service Instructions No. 0021-248, -249, Revision I.

**REASON:** To comply with Revision 93-3 to McCauley Service Bulletin No. 93.

**COMPLIANCE:** Same as specified for Part II of Service Instructions No. 0021-248, -249, Revision I.

**DESCRIPTION:** McCauley Service Bulletin Revision 93-3, printed herein, should be attached to and complied with at the time of compliance with McCauley Service Bulletin No. 93, Revision 93-1, and Revision 93-2, which were issued with Service Instructions No. 0021-248, -249, Revision I.

**MANPOWER:** As required by Revision 93-3 to McCauley Service Bulletin No. 93.

**MATERIAL:** As required by Revision 93-3 to McCauley Service Bulletin No. 93.

**SPECIAL TOOLS:** As required by Revision 93-3 to McCauley Service Bulletin No. 93.

**WEIGHT AND BALANCE:** As required by Revision 93-3 to McCauley Service Bulletin No. 93.

**REFERENCES:** Beech Aircraft Corporation Service Instructions No. 0021-248, -249, Revision I.  
McCauley Service Bulletin No. 93, Revision 93-1, and Revision 93-2.

**PUBLICATIONS AFFECTED:** Same as specified in Service Instructions No. 0021-248, -249, Revision I.

**ACCOMPLISHMENT INSTRUCTIONS:** As required by Revision 93-3 to McCauley Service Bulletin No. 93.

**RECORD COMPLIANCE:** Same as specified in Service Instructions No. 0021-248, -249, Revision I.

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- (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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CLASS I

# SERVICE INSTRUCTIONS

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SUPPLEMENT NO. 2

No. 0021-248, -249, Rev. I  
ATA Code 61-10

**SUBJECT:** PROPELLER - 2-BLADED AND 3-BLADED - REVISION 92-1 TO McCAULEY SERVICE BULLETIN NO. 92, CYLINDER ATTACHMENT IMPROVEMENT.

**EFFECTIVITY:** Same as specified for Part I of Service Instructions No. 0021-248, -249, Revision I.

**REASON:** To comply with Revision 92-1 to McCauley Service Bulletin No. 92.

**COMPLIANCE:** Same as specified for Part I of Service Instructions No. 0021-248, -249, Revision I.

**DESCRIPTION:** McCauley Service Bulletin Revision 92-1, printed herein, should be attached to McCauley Service Bulletin No. 92 and complied with at the time of compliance with Service Bulletin No. 92, which was issued with Service Instructions No. 0021-248, -249, Revision I.

**MANPOWER:** As required by Revision 92-1 to McCauley Service Bulletin No. 92.

**MATERIAL:** As required by Revision 92-1 to McCauley Service Bulletin No. 92.

**SPECIAL TOOLS:** As required by Revision 92-1 to McCauley Service Bulletin No. 92.

**WEIGHT AND BALANCE:** As required by Revision 92-1 to McCauley Service Bulletin No. 92.

**REFERENCES:** Beech Aircraft Corporation Service Instructions No. 0021-248, -249, Revision I.  
McCauley Service Bulletin No. 92.

**PUBLICATIONS AFFECTED:** Same as specified in Service Instructions No. 0021-248, -249, Revision I.

**ACCOMPLISHMENT INSTRUCTIONS:** As required by Revision 92-1 to McCauley Service Bulletin No. 92.

**RECORD COMPLIANCE:** Same as specified in Service Instructions No. 0021-248, -249, Revision I.

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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:

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