



CLASS I

SERVICE INSTRUCTIONS

19, 23

No. 0871-090
ATA Code 53-10

Kit No. 23-4007-1 S

SUBJECT: FUSELAGE - INSTALLATION OF KIT TO ALLOW INTENTIONAL SPINS

EFFECTIVITY: These Service Instructions affect only the following acrobatic airplane serials:

BEECHCRAFT 19A, M19A, Serials MB-322, MB-326 through MB-331, MB-344, MB-345, MB-351, MB-363 through MB-365, MB-367, MB-373, MB-381, MB-388, MB-393, MB-396, MB-397, MB-401, MB-410, MB-425 through MB-430, MB-433, MB-445, MB-454, MB-461 through MB-480;
B23, Serials M-1136, M-1169, M-1204, M-1206, M-1218, M-1235, M-1237, M-1238, M-1249, M-1259, M-1263, M-1265, M-1271, M-1278, M-1282.

NOTE

The airplanes in the above effectivity on which Kit No. 23-4007-1 S has previously been installed are not affected.

REASON: To improve the spin recovery characteristics of the airplane.

COMPLIANCE: Although at the owners discretion, Beech Aircraft Corporation considers this to be a mandatory modification and must be accomplished prior to acrobatic maneuvers. With the P/N 23-4007-1 S kit installed, restrictions imposed by FAA A.D. No. 74-23-09, Amendment 39-2006 on acrobatic maneuvers is removed. If the kit is not installed the airplane must remain placarded against all acrobatic maneuvers including intentional spins.

DESCRIPTION: A ventral fin is installed on the lower aft fuselage, fairings are installed on the stabilator, strakes are installed on each side of the cowling and the appropriate placard is installed.

APPROVAL: FAA Approved - DOA CE-2.

MANPOWER: The following information is for planning purposes only:

Estimated man hours: 24 hours.
Suggested number of men: 2 men.

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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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MATERIAL: The parts required to accomplish this modification are contained in Kit No. 23-4007-1 S. The kit is available through your BEECHCRAFT Parts and Service Outlet.

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

WARRANTY: Warranty credit for Kit No. 23-4007-1 S and labor to the extent noted under MANPOWER will be allowed on claims submitted prior to November 1, 1977, on airplanes listed under the EFFECTIVITY section that were manufactured as acrobatic.

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:	WEIGHT (LBS)	ARM (IN)	MOMENT (LBS IN)
	+ 7.5	+ 211.44	+ 1585.8

The owner or operator is responsible to maintain compliance with FAR23.25/CAR3.74.

REFERENCES: None.

PUBLICATIONS AFFECTED: None.

ACCOMPLISHMENT INSTRUCTIONS: The instructions to accomplish this modification are contained in Kit No. 23-4007-1 S

RECORD COMPLIANCE: Upon completion of these Service Instructions, make an appropriate maintenance record entry, specifying the kit identification number and kit serial number.