



CLASS I

# SERVICE INSTRUCTIONS

**B19**

**No. 0654-391  
ATA Code 34-10**

**SUBJECT:** INSTRUMENT PANEL - MODIFICATION OF THE AIRSPEED INDICATOR MARKINGS

**EFFECTIVITY:** BEECHCRAFT Sport B19, serials MB-617 through MB-655.

**REASON:** To make airspeed markings compatible with the reduced gross weight.

**COMPLIANCE:** At the next 100 hour or annual inspection.

**DESCRIPTION:** The existing airspeed indicator is to be removed from the aircraft and the markings on the face of the instrument are to be modified by an FAA approved instrument shop.

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

**MANPOWER:** The following information is for planning purposes only:  
  
Estimated man-hours: 4 hours.  
Suggested number of men: 1 man.

**MATERIAL:** None.

**WARRANTY:** Warranty credit will be allowed for labor not to exceed 4 man-hours on all aircraft specified in these Service Instructions. Submit all warranty claims to Parts and Service Operations, Beech Aircraft Corporation, Wichita, Kansas, 67201. Invoices for outside labor must be attached to all warranty claims.

**SPECIAL TOOLS:** None.

**WEIGHT AND BALANCE:** None.

**REFERENCES:** None.

**PUBLICATIONS AFFECTED:** None.

**ACCOMPLISHMENT INSTRUCTIONS** This modification may be accomplished by removing the airspeed indicator from the aircraft and transporting or sending it to an FAA approved instrument shop for modification of the face markings as shown in the illustration. Upon completion of the modification, reinstall the airspeed indicator in the aircraft and perform a pitot/static system check in accordance with FAA Manual AC43.13-1A.

CLASS I

AW-950

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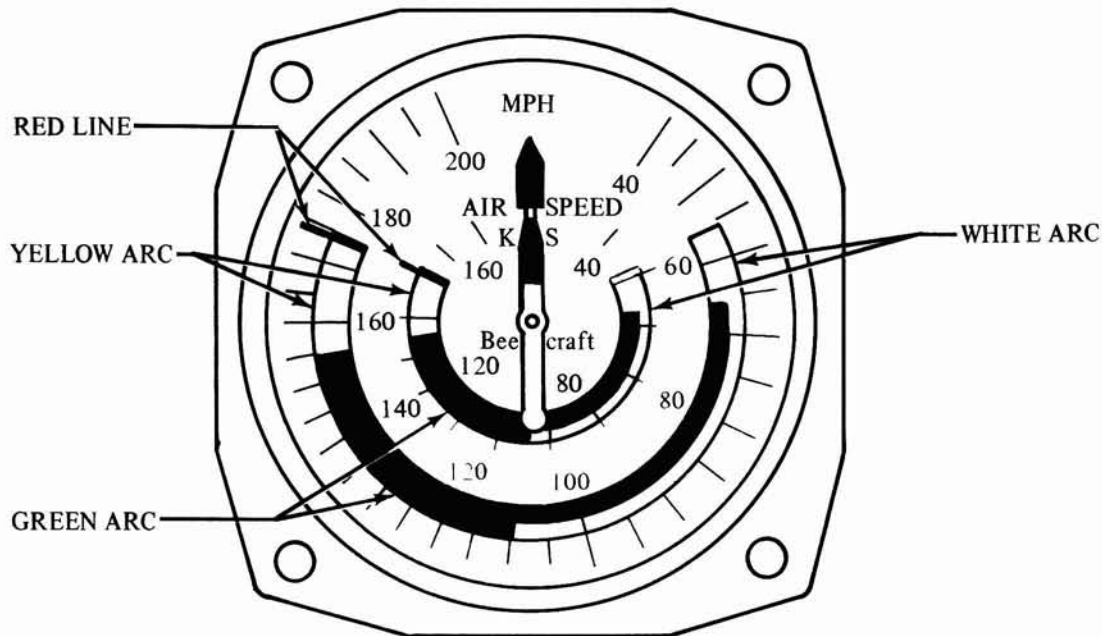
574 Beech Aircraft Corporation issues service information for the benefit of owners and fixed base operators in the form of three classes of Service Instructions. CLASS I (Red Border) are changes, inspections, and modifications that could affect safety. The factory considers compliance mandatory. CLASS 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.

916-34239D



	WHITE ARC		GREEN ARC				YELLOW ARC		RED LINE			
	WORNOW 42-100		WORNOW 42-300				WORNOW 42-200		WORNOW 42-501			
	.156 WIDE		.080 WIDE		.080 WIDE		.156 WIDE		.25 X .045			
	MPH	KNOTS	MPH	KNOTS	MPH	KNOTS	MPH	KNOTS	MPH	KNOTS	MPH	KNOTS
NEW MARKINGS	56-66	49-57	66-110	57-96	66-110	57-96	110-154	96-134	154-175	134-152	175	152
WAS	57-69	49-60	69-110	60-96	69-110	60-96	110-153	96-133	153-175	133-152	175	152

Airspeed Indicator Markings

**RECORD COMPLIANCE:**

Upon completion of these Service Instructions, make an appropriate maintenance record entry and return a completed compliance card to Beech Aircraft Corporation.

**COMPLIANCE CARD RETURN REQUIRED**