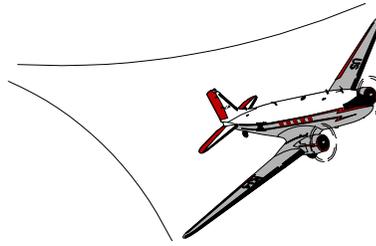


# SPECIAL AIRWORTHINESS INFORMATION BULLETIN



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

REGULATORY SUPPORT DIVISION  
P.O. BOX 26460  
OKLAHOMA CITY, OKLAHOMA 73125-0460

No. CE-00-15  
January 21, 2000

*SAIB's are posted on the internet at <http://av-info.faa.gov>*

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This is issued for informational purposes only and any recommendation for corrective action is not mandatory.

## **Introduction:**

The purpose of this Special Airworthiness Information Bulletin (SAIB) is to provide safety information regarding inspection and maintenance of the Raytheon Model Beech 1900, 1900C, and 1900D airplanes.

## **Background:**

The National Transportation Safety Board (NTSB) issued Recommendation A-97-36 on May 22, 1997. This recommendation stated:

"Promptly require the inspection of the cockpit voice recorder (CVR) and associated equipment on all Beech 1900 aircraft and ensure that operators take corrective action to repair deficient CVR systems so that the intelligibility of recorded communications, including radio transmissions to and from the airplane, is as high as practicable."

The FAA, Small Airplane Directorate has now received service information from Raytheon Aircraft Company that specifies modification to the CVR systems of the Raytheon Model Beech 1900, 1900C and 1900D airplanes that improve the CVR systems in a manner consistent with the NTSB recommendation.

Raytheon has designed an improved CVR amplifier and also new circuitry for the side tone wiring and has issued Service Bulletin (SB) SB 23-3094: "*Communication -- Cockpit Voice Recorder (CVR) Audio Amplifier Modification*" recommending the incorporation of these changes. These changes went into production with Raytheon Model Beech 1900D airplane serial UE-377.

## **General Information:**

**The FAA strongly urges the incorporation of the provisions of service bulletin SB 23-3094 Communication -- Cockpit Voice Recorder (CVR) Audio Amplifier Modification on all affected airplanes.**

The FAA has also issued a Flight Standards Information Bulletin for Airworthiness, FSAW 99-04, on June 22, 1999, that provides FAA inspectors with policy/guidance to ensure continued proper operation and recording of the CVR. This guidance is intended to provide FAA inspectors with guidance needed to evaluate air carrier CVR maintenance programs to ensure that CVR's are maintained in accordance with the manufacturer's specifications and meet acceptable recording standards. The maintenance program should include a periodic functional test for checking recorder play back clarity. Deficient CVR's should be replaced with serviceable or improved units. Operators and maintainers of these airplanes should be advised of the existence of the requirements of this bulletin, and of the need to always comply with AFM and maintenance provision of applicable manual with respect to the CVR systems.

## **For Further Information Contact:**

FAA, Wichita Aircraft Certification Office, Harvey Nero, Systems and Propulsion Branch, (ACE-116W), 1801 Airport Road, Room 100, Wichita, Kansas, 67209; tele: (316) 946-4102; fax: (316) 946-4407; e-mail: [harvey.nero@faa.gov](mailto:harvey.nero@faa.gov)



### CHANGE OF ADDRESS NOTICE

Airworthiness Directives (AD) for a particular make and model of aircraft are mailed to the aircraft owners using the permanent mailing address on file with the FAA Registry. If you need to change your address, please complete this form and mail to FAA Aircraft Registration. A revised Certificate of Aircraft Registration will be mailed to you without charge.

**Signature requirements:**

- Individual owner must sign.
- Partnership, a general partner must sign.
- Co-owner, each co-owner must sign, continuing as necessary on an attached sheet.
- Government, any authorized person may sign.

**MAIL TO:**

FAA Aircraft Registry, AFS-750  
 Mike Monroney Aeronautical Center  
 P.O. Box 25504  
 Oklahoma City, OK 73125-0504

AIRCRAFT REGISTRATION NO.	SERIAL NO.	<p style="text-align: center;"><b>CANCELLATION OF REGISTRATION REQUESTED:</b>                      (check applicable block, sign, and date)</p> <p>1. Aircraft sold to: (Purchaser's name and address)                      _____                      _____                      _____</p> <p>2. Aircraft destroyed/scrapped</p> <p>3. Aircraft exported to _____</p> <p>4. Other, specify _____</p> <p>I (we) request cancellation of registration for the above reason.</p>	
MAKE	MODEL		
<b>ADDRESS CHANGE REQUESTED NAME AND ADDRESS OF CERTIFICATE HOLDER</b>			
STREET			
CITY		SIGNATURE (In Ink)	TITLE
STATE	ZIP	DATE	
COUNTRY	SIGNATURE (In Ink)	TITLE	DATE

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