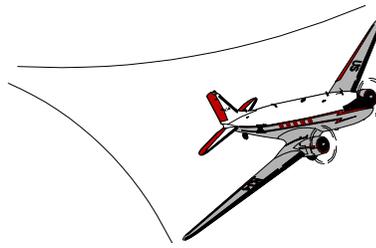


**SPECIAL
AIRWORTHINESS
INFORMATION
BULLETIN**



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

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

No. CE-00-20
May 19, 2000

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

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 valuable safety information to owners/operators of Raytheon (Beech) Barons, Bonanzas, and Travel Airs models listed in the table below. The applicability and model serial numbers were also listed in Airworthiness Directive (AD) 71-24-10.

Models	Serial Numbers
35-C33, E33, F33	CD-1062 through CD-1254, except CD-1237
35-C33A, E33A, F33A	CD-118 through CD-346, except CE-324
E33C and F33C	CJ-1 through CJ-30
V35, V35TC, V35A	D-8336 through D-9285
V35A-TC, V35B	D-9208, -9279, -9280, -9281
V35B-TC	9282
36, A36	E-1 through E-275
95-B55, 95-B55A	TC-1201 through TC-1397, except TC-1395, -1396
95-C55, D55, E55	TE-256 through TE-845, except TE-836, 837
56TC, A56TC	TG-1 through TG-94
58	TH-1 through TH-170 except TH-135, -153 -161
D95A, E95	TD-678 through TD-721

Only applicable if altered in service to incorporate P/N 60-524080 series control wheels, which have provisions for a clock and light:

35-C33	CD-814 through CD-1061
35-C33A	CE-1 through CE-117
V35	D-7977 through D-8335
95-B55, 95-B55A	TC-371 and TC-502 through TC-1020
95-C55, 95-C55A	TC-350 and TE-1 through TE-255
D95A	TD-534 through TD-677

Recently, there was a control wheel separation from the control column of a Raytheon (Beech) Baron Model 56-TC during a flight in turbulent weather. The pilot maintained the roll control by using the autopilot and made an emergency landing. An investigation of the incident revealed that the weld, which was holding the shaft and the flange of the control column failed.

As a result, the Spokane, WA Flight Standards District Office (FSDO) processed Safety Recommendation 99.336 suggesting a mandatory inspection of all the Barons, Bonanzas, and Travel Airs according to AD 71-24-10 and replacement of old parts with redesigned parts.

Background:

FAA issued AD 71-24-10 in 1971, which required inspection of the control wheel adapter by looking for two Beech inspection ink stamps that could be seen on one tip of each control wheel adapter. If two inspection stamps could not be found, the AD required that this part be replaced with either Beech P/N 96-524029-15 (short) or Beech P/N 96-524029-19 (long) control wheel adapter, which had two welds, or with Beech P/N 96-524029-31 (short) or P/N 96-524029-33 (long), which had an improved design for higher weld strength.

Recommendations:

For the above incident, the logbook of the airplane indicates that AD 71-24-10 was complied with in February 1972. However, the inspection of the failed part indicates that it does not comply with the requirements of the AD. One possibility is that, after complying with the AD, this part may have been replaced with a non-compliant part during a repair or maintenance at a later time.

Since failure of this control wheel adapter during flight may have undesirable safety consequences, the **FAA strongly recommends** inspection of the control wheel adapter within 100 hours of Time-In-Service (TIS) or at the next annual inspection, whichever occurs first, looking for two 'B' inspection stamps. If this part is painted and can not be inspected for the two ink stamps, the FAA recommends the part be considered non-compliant and be replaced as directed in AD 71-24-10 or Beechcraft Service Instructions No. 0254-156. If any spares for this part are available, they should be inspected and dispositioned as mandated in AD 71-24-10. Any one requiring a copy of the Service Instructions No. 0254-156, contact Raytheon Aircraft Company at 1 (800) 429-5372 or at (316) 676-3140.

For Further Information Contact:

Federal Aviation Administration, Wichita Aircraft Certification Office, T. N. Baktha, Aerospace Engineer, Airframe, 1801 Airport Road, Room 100, Wichita, Kansas, 67209, telephone: (316) 946-4155; fax: (316) 946-4407; e-mail: t.n.baktha@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, **YOU MUST SIGN 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
PO Box 25504
Oklahoma City, OK 73125-0504**

AIRCRAFT REGISTRATION #:	SERIAL #:
MAKE:	MODEL:

ADDRESS CHANGE REQUESTED

CANCELLATION OF REGISTRATION REQUESTED

NAME OF CERTIFICATE HOLDER STREET CITY STATE ZIP COUNTRY	<p align="center">(Check applicable block, sign and date)</p> ρ 1. Aircraft Sold To: (Purchaser's name and address) _____ _____ _____ ρ 2. Aircraft Destroyed/Scrapped ρ 3. Aircraft Exported To: _____ ρ 4. Other, Specify _____ <small>(For request cancellation of registration for the above)</small>						
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