



## Airworthiness Directive

### ▶ Federal Register Information

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-6144; AD 89-05-02

Airworthiness Directives; Beech Model 35-33, 35-A33, 35-B33, 35-C33, E33, 35-C33A, E33A, E33C, 35, 35R, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35-TC, V35A, V35A-TC, 36, 95-55, 95-A55, 95-B55, 95-B55A, 95-C55, 95-C55A, D55, D55A, 56TC, 95, B95, B95A, D95A and E95 Airplanes

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#### ▼ Preamble Information

AGENCY: Federal Aviation Administration, DOT

DATES: Effective March 24, 1989.

#### ▼ Regulatory Information

**89-05-02 BEECH:** Amendment 39-6144. Applicability: The airplanes listed below, certificated in any category:

| MODELS                                                                                                    | SERIAL NUMBERS                          |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 35-33, 35-A33, 35-B33, 35-C33, E33                                                                        | CD-1 through CD-1234                    |
| 35-C33A, E33A                                                                                             | CE-1 through CE-289                     |
| E33C                                                                                                      | CJ-1 through CJ-25                      |
| 35, 35R, A35, B35, C35, D35, E35, F35, G35, H35, J35, K35, M35, N35, P35, S35, V35, V35-TC, V35A, V35A-TC | D-1 through D-9068, D-15001 and D-15002 |
| 36                                                                                                        | E-1 through E-184                       |
| 95-55, 95-A55, 95-B55, 95-B55A                                                                            | TC-1 through TC-1287                    |
| 95-C55, 95-C55A, D55, D55A                                                                                | TE-1 through TE-767                     |
| 56TC                                                                                                      | TG-2 through TG-83                      |

This AD also applies to any of the following military airplanes which have been modified for civil certification as described on the applicable Federal Aviation Administration Type Certificate Data Sheet or Aviation Specification:

T34A, T34B (Commercial Model 45 Series)

T42A (Commercial Model 95-B55B)

NOTE: The magnesium fittings may have been installed as original equipment or as replacement spares.

Compliance: Required as indicated, unless already accomplished.

To prevent the failure of the magnesium elevator control fittings, accomplish the following:

(a) Within 100 hours time-in-service (TIS) after the effective date of this AD, determine the composition of the elevator control fittings in accordance with the instructions contained in Beech Service Bulletin No. 2242, Revision 1, dated August 1988.

(1) If the fittings are determined to be aluminum, no further action is required by this AD.

(2) If the fittings are determined to be magnesium, accomplish the actions specified below.

(b) At the time of the inspection per paragraph (a), and every 100 hours TIS thereafter, visually inspect each magnesium elevator control fitting for cracks in accordance with the above referenced Service Bulletin.

(c) If any fitting is found to be cracked, prior to further flight replace the cracked fitting with an aluminum fitting as described in the above referenced Service Bulletin.

(d) The above inspections are no longer required when aluminum fittings have been installed on both elevators.

(e) Airplanes may be flown in accordance with FAR 21.197 to a location where this AD may be accomplished.

(f) An equivalent means of compliance with this AD may be used if approved by the Manager, FAA, Wichita Aircraft Certification Office, 1801 Airport Road, Room 100, Mid-Continent Airport, Wichita, Kansas 67209; Telephone (316) 946-4400.

All persons affected by this directive may obtain copies of the documents referred to herein upon request to Beechcraft Aero and Aviation Centers; Beech Aircraft Corporation, Commercial Service, Dept. 52, P.O. Box 85, Wichita, Kansas 67201-0085, or may examine these documents at the FAA, Office of the Assistant Chief Counsel, Room 1558, 601 East 12th Street, Kansas City, Missouri 64106.

This amendment (39-6144, AD 89-05-02) becomes effective on March 24, 1989.

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