

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number: ST01699WI

This certificate issued to:

Beechcraft Corporation
10511 E. Central Ave
Wichita, KS 67206

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations. (See Continuation Sheet)

Original Product - Type Certificate Number:

A24CE

Make:

Hawker Beechcraft Corporation

Model:

B300, B300C

Description of Type Design Change:

Installation of 400 Amp Starter Generator with Generator Control Units to replace the existing 300 Amp Starter Generator System. Installation of a dual Mission Power Bus. Data required includes:

- 1) 3S Certification, Master Data List (MDL) 071-2435-L01-00, Revision IR, dated 9/27/2012, or later FAA approved revisions; and
- 2) 3S Certification, Aircraft Flight Manual Supplement (AFMS) 130-590031-451, Revision IR, dated 9/27/2012, or later FAA approved revisions

Limitations and Conditions:

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
- 3) Approval of this change in type design applies to the above model of airplane only.
- 4) A copy of this certificate and the ICA shall be maintained in the airplane permanent records.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: July 22, 2011

Date reissued: November 15, 2012, April 12, 2013

Date of issuance: September 27, 2012

Date amended:



By direction of the Administrator

Original signed by Erik Brown
(Signature)

Erik W. Brown
Program Manager
Wichita Aircraft Certification Office
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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(Continuation Sheet)

Number: ST01699WI

Date of issuance: September 27, 2012

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Certification Basis:

Based on 14 CFR §21.115 and § 21.101, and the FAA policy for significant changes in FAA Order 8110-48, the certification basis for the Hawker Beechcraft Corporation Model B300, B300C 400 Amp Starter Generator Replacement is as follows:

- a. The type certification basis for Hawker Beechcraft Corporation B300, B300C is shown on A24CE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of the application, 07/22/2011, is based upon 14 CFR Part 23 as amended by Amendment 23-62. Based on 14 CFR 21.115 and § 21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 23-0 through 23- 62

23.29 [Amdt. 23-21], 23.303 [Amdt. Original], 23.307(a) [Amdt. Original], 23.363 [Amdt. Original], 23.365(a)(b)(c)(d) [Amdt. Original], 23.601 [Amdt. Original], 23.603 [Amdt. 23-23], 23.605 [Amdt. 23-23], 23.609 [Amdt. Original], 23.619 [Amdt. 23-7], 23.625 [Amdt. 23-7], 23.627 [Amdt. Original], 23.771(a) [Amdt. 23-14], 23.1351(a)(1)(2)(ii)(c) [Amdt. 23-49], 23.1367 [Amdt. Original], 23.1381 [Amdt. Original], 23.1437 [Amdt. Original], 23.1501 [Amdt. 23-21], 23.1519 [Amdt. Original], 23.1529 [Amdt. 23-26], 23.1541(a)(1)(b) [Amdt. 23-21]

Regulation at the amendment level in TCDS A24CE

23.3 [Amdt. 23-34], 23.301(a)(b) [Amdt. 23-28], 23.305 [Amdt. Original], 23.321 [Amdt. Original], 23.337 [Amdt. 23-34], 23.341 [Amdt. 23-34], 23.561 (a)(b)(2)(e) [Amdt. 23-34], 23.571(a) [Amdt. 23-34], 23.572(b)(1) [Amdt. 23-34], 23.607 [Amdt. 23-17], 23.611 [Amdt. 23-7], 23.613 [Amdt. 23-23], 23.615(a) [Amdt 23-7], 23.773(a)(1) [Amdt. 23-14], 23.777(a)(b) [Amdt. 23-51], 23.901(b)(1)(2)(e)(1)(2) [Amdt. 23-34], 23.903(e)(1)(3)(f) [Amdt. 23-34], 23.1041 [Amdt. 23-7], 23.1043(a)(1)(2)(3)(b)(c) [Amdt. 23-21], 23.1045 [Amdt. 23-7], 23.1163(a)(b)(c) [Amdt. 23-34], 23.1165(a)(b)(c) [Amdt. 23-34], 23.1191(c) [Amdt. Original], 23.1301 [Amdt. 23-20], 23.1309(a)(b)(d) [Amdt. 23-34], 23.1351(b) [Amdt. 23-34], 23.1357(a)(b)(c) [Amdt. 23-20], 23.1365 [Amdt. 23-14], 23.1431 [Amdt. Original], 23.1461(a)(d) [Amdt. 23-20], 23.1521(a)(e) [Amdt. 23-21], 23.1555(a) [Amdt. 23-21], 23.1581(a)(b)(1)(3)(d) [Amdt. 23-34], 23.1583(b)(1)(2) [Amdt. 23-34], 23.1585(a) [Amdt. 23-50], 23.1585(h) [Amdt. 23-34]

Regulation at an intermediate amendment

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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