



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: SA01784WI

This certificate issued to: Rockwell Collins, Inc.
400 Collins Road NE, MS 164-100
Cedar Rapids, IA 52498

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.

Original Product – Type Certificate Number: A24CE Make: Beechcraft
Model: B300
B300C

Description of Type Design Change: Installation of Rockwell Collins, Inc. Pro Line Fusion® in accordance with:

- (1) Master Drawing List RCA-0430, Revision (-), dated May 4, 2015;
 - (2) Airplane Flight Manual Supplement (B300/B300C) RCA-0434, Revision (-), dated May 4, 2015;
 - (3) Airplane Flight Manual Supplement (B300ER) RCA-0522, Revision (-), dated May 4, 2015;
 - (4) Airplane Flight Manual Supplement (B300ER) RCA-0550, Revision (-), dated January 11, 2016;
 - (5) Instructions for Continued Airworthiness RCA-0449, Revision (-), dated May 4, 2015;
- or later approved/accepted revision for items (1), (2), (3), (4) and (5).

Limitations and Conditions:

- (1) Approval of this change in type design applies to the above model aircraft only;
- (2) Compatibility of this design change with previously approved modifications must be determined by the installer;
- (3) A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft;
- (4) 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;
- (5) For aircraft model B300C, Beechcraft Corporation Kit – Cargo Wiring Modification document number 101-3299 must be installed prior to this modification;
- (6) No. 1 and No. 2 VHF-4000 or VHF-4000E radio transceiver part number 822-1468-110 or 822-1872-110 must be installed prior to or in concurrence with this modification;
- (7) Equivalent Level of Safety Findings have been made for the following regulations:
14 CFR 23.1305(a)(2), (a)(3), (c)(2), and (c)(5) Amendment 23-52;
14 CFR 23.1311(a)(6), Amendment 23-49;
14 CFR 23.1549(a), (b), and (c), Amendment 23-45;
Refer to ELOS Memo ACE-15-06.

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

Date of Application: April 2, 2014

Date Reissued:

Date of Issuance: May 4, 2015

Date Amended: June 7, 2016

By Direction of the Administrator

Signature Original signed by Christopher Terrington

Title STC ODA Administrator, ODA-500864-CE

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplemental Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplemental Type Certificate Number:

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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(Continuation Sheet)

Number: SA01784WI

June 7, 2016

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 Beechcraft B300/B300C is as follows:

- (1) The type certification basis for the Beechcraft B300/B300C is shown on TCDS A24CE for parts not changed or not affected by the change.
- (2) The certification basis for parts changed or affected by this change since the reference date of application, April 2, 2014 is as follows:

Beechcraft B300/B300C

14 CFR Part	Amend.	14 CFR Part	Amend.	14 CFR Part	Amend.			
23.251		Orig.	23.901	(a)(e)	34	23.1351	(a)(2)(ii)	49
23.301	(a)	42	23.903	(b)(2)	29	23.1353	(h)	49
23.301	(b)	28	23.937	(a)	43	23.1357	(a)(b)(c)(d)	43
23.303		Orig.	23.1141	(g)(2)	18	23.1359	(c)	49
23.305	(a)(b)	45	23.1203	(a)(d)	18	23.1361	(a)(b)(c)	20
23.307	(a)	Orig.	23.1301	(a)(b)(c)(d)	20	23.1365	(a)(b)(d)(e)	49
23.365	(a)(b)(c)(d)	Orig.	23.1303	(a)(b)(c)(e)	49	23.1367	(a)(b)(c)(d)	Orig.
23.561	(e)	34	23.1305	(a)(2)(3)(5)	52	23.1419	(b)	14
23.571	(a)(b)	34		(c)(1)(2)(3)(4)(5)(6)(7)(e)(1)(2)		23.1431	(a)(b)(e)	49
23.601		Orig.	23.1306	(a)(b)	61	23.1501	(b)	21
23.603	(a)(b)	23	23.1308	(a)(b)(c)	57	23.1521	(a)(b)(1)(3)(4)(c)(1)(3)	50
23.605	(a)	23	23.1309	(a)(1)(3)(4)(b)	49	23.1523	(a)(b)(c)	34
23.607	(a)(b)(c)	48		(c)(1)(2)(i)(iii)(3)(d)(e)		23.1525		45
23.609	(a)(b)	Orig.	23.1311	(a)(b)(c)	49	23.1529		26
23.611		48	23.1321	(a)(b)(c)(d)(e)	49	23.1543	(b)(c)	50
23.613	(a)(b)(c)(d)(e)	45	23.1322	(a)(b)(c)(d)(e)	43	23.1545	(d)	50
23.625	(a)(b)(c)	7	23.1323	(a)(c)(e)	49	23.1547	(a)(b)(c)(d)(e)	20
23.627		Orig.	23.1325	(a)(b)(1)(2)(ii)	50	23.1549	(a)(b)(c)(d)	45
23.773	(a)(1)(2)	14	23.1327	(a)(1)(2)(b)	20	23.1555	(a)	50
23.777	(a)(b)	51	23.1329	(c)(h)	49	23.1581	(a)(2)(b)(1)(3)(c)(d)(f)	50
23.853	(a)	34	23.1331	(a)(b)(c)	43	23.1583	(h)(m)	50
23.867	(a)(b)(c)	49	23.1335		20	23.1585	(a)(j)	50

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