



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number SA00340BO

This certificate issued to:

BAE Systems Information and Electronic Systems, Inc.  
65 Spit Brook Road  
Nashua, NH 03061

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 Corporation  
Model: B300, B300C

Description of Type Design Change:

Installation of an infrared signature suppression system (Ship Set 8495791-1) in accordance with BAE Systems, Inc. Master Document List (MDL), 94117-8495803, Rev A, dated February 19, 2014, or later FAA approved revisions.

Limitations and Conditions:

1. Operation must be in accordance with BAE Systems, Inc. Aircraft Flight Manual Supplement (AFMS) 94117-A83692, Rev IR, dated January 28, 2014, or later FAA approved revisions.

The AFMS must be carried in the aircraft during all flights.

(continued on Page 3 of 3)

*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: September 24, 2009

Date reissued:

Date of Issuance: March 28, 2014

Date amended:

*By direction of the Administrator*

Signature \_\_\_\_\_  
Robert G. Mann

Manager, Boston Aircraft Certification Office

Title \_\_\_\_\_

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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).

**SUPPLEMENTAL TYPE CERTIFICATE, FAA FORM 8110-2  
(CONTINUED)**

**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.**

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*TRANSFER  
ENDORSEMENT*

*Transfer the ownership of Supplemental Type Certificate  
Number:*

**To** *(Name of transferee)*

*(Address of transferee)*

*(Number and street)*

*(City, State, and ZIP Code)*

**From** *(Name of  
grantor)*

*(Address of grantor)*

*(Number and street)*

*(City, State, and ZIP Code)*

**Extent of Authority** (if licensing agreement):

*Date of Transfer:*

*Signature of grantor:*



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Limitations and Conditions: (continued from Page 1 of 3)

2. Maintenance must be in accordance with BAE Systems, Inc. Instructions for Continued Airworthiness (ICA), 94117-A83693, Rev IR, dated January 28, 2014, or later FAA accepted revisions.

The ICA must be made available to the operator at the time of installation.

3. Compatibility of this design with previously approved modifications must be determined by the installer.

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for design changes that are identified as not significant in FAA Order 8110.48, the certification basis for the Make Model aircraft is as follows:

- a. The type certification basis for parts **not changed or not affected** by the change is shown on TCDS A24CE.
- b. The modification certification basis for parts **changed or affected** by the change since the reference application date, September 24, 2009, is based upon part 23 as amended by Amendment 23-62 as follows:

**Regulations at the latest amendment 23-0 through 23-62 and 36-0 through 36-29**

23.1(a)(b), 23.29(a), 23.53(c), 23.55(a)(b), 23.57(a)(1)(2), 23.59, 23.67(d)(1)(2), 23.77(c), 23.251, 23.301(a)(b), 23.305, 23.307, 23.321(a), 23.333(a)(b)(c)(1), 23.337(a)(1)(b), 23.561(a)(b)(2)(i)(ii)(iii), 23.573(b), 23.574, 23.575, 23.601, 23.603, 23.605, 23.607, 23.609, 23.611, 23.613, 23.619, 23.623(a), 23.625(a)(b)(c), 23.627, 23.863(a)(b)(1)(2)(3)(4), 23.865, 23.867(b)(1)(c), 23.901(a)(1)(b)(2)(c)(e), 23.903(e)(4), 23.929, 23.939(a), 23.1041, 23.1043(a)(1)(2)(3), 23.1045(a), 23.1093(b)(1)(i)(2), 23.1121(a)(b)(c)(d)(f)(g)(i), 23.1123, 23.1181(b)(2)(3), 23.1191(b)(c)(f)(g)(h), 23.1193(b), 23.1301(a), 23.1419(a), 23.1529, 23.1581, SFAR23.28, SFAR23.35(h)(j), SFAR23.50, SFAR23.57, 36.9.

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**Regulations at an intermediate amendment**

None

**Regulations at the amendment level in TCDS XYZ**

None

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