



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00133MC

This certificate issued to: L-3 Communications Integrated Systems, L.P.
10001 Jack Finney Blvd.
Greenville, TX 75402

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

Description of Type Design Change:

Installation of ISR Mission Related Systems in accordance with (1) L-3 Communications Integrated Systems, L.P. Sealed Drawing List 13125-1 Revision B dated 13 Jan 2016, (2) Instructions for Continued Airworthiness (ICA), L-3 Communications Document No. G13125.28.08 Revision NC dated 01 Sept 2015, (3) Flight Manual Supplement dated Sept 2015 or later FAA/ODA approved revisions of (1) (2) and/or (3).

Limitations and Conditions:

- (1) If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.

(Limitations and Conditions 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: 10 Sept 2014
Date of issuance: 13 Jan 2016

Date reissued:
Date amended:

By direction of the Administrator

Signature _____

Title ODA-750173-SW Administrator

Table with 2 rows and 4 columns: Page (1, 2, 3), Amdt

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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Supplemental Type Certificate

(Continuation Sheet)

Number: **SA00133MC**

Date of Issuance: **13 Jan 2016**

Limitations and Conditions: (Continued)

- (2) The installer must determine whether this design change is compatible with previously approved modifications.
- (3) This installation is only eligible on Beechcraft B300 aircraft that have been modified per Beechcraft Kit Drawing 130-3052-0001.
- (4) This installation is only eligible on Beechcraft B300 aircraft that have been modified per Beechcraft Kit Drawing 130-3062.
- (5) This installation is only eligible on Beechcraft B300 aircraft that have been modified per Beechcraft Kit Drawing 130-5200.
- (6) This installation is only eligible on Beechcraft B300 aircraft that have been modified per Beechcraft Drawing 130M000030 or Kit Drawing 130-4014.
- (7) Installation of STC SA4175NM is a prerequisite for this STC.
- (8) Installation of STC SA01260WI is a prerequisite for this STC.
- (9) Loading or dispensing of flares is not FAA approved or civil operations. The FAA certification does not connote FAA endorsement of the deployment of anti-missile pyrotechnic devices (flares) or the effectiveness of the equipment in countering a missile threat.
- (10) Laser operation is not FAA approved or civil operations. The laser is electrically disabled.

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 aircraft is as follows:

- a. The type certification basis for Beechcraft B300 series airplanes is shown on TCDS 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 application, 10 Sept 2014, is as shown in TCDS A24CE plus later amendment levels for the following paragraphs:

14 CFR Part 23, effective Feb 1, 1965, including the latest applicable requirements of Amendments 23-1 through 23-62. The following list the applicable regulations for this change through Amdt. 23-62:

23.21, 23.29, 23.45, 23.51, 23.55, 23.65, 23.67, 23.77, 23.141, 23.171, 23.201, 23.207, 23.253, 23.301, 23.303, 23.305, 23.307, 23.321, 23.331, 23.333, 23.335, 23.337, 23.341, 23.347, 23.351, 23.365, 23.367, 23.441, 23.443, 23.471, 23.481, 23.483, 23.493, 23.573, 23.574, 23.575, 23.601, 23.603, 23.605, 23.607, 23.609, 23.611, 23.613, 23.619, 23.625, 23.627, 23.771, 23.773, 23.777, 23.783, 23.787, 23.791, 23.803, 23.807, 23.811, 23.813, 23.815, 23.851, 23.853, 23.856, 23.867, 23.1301, 23.1306, 23.1308, 23.1309, 23.1321, 23.1322, 23.1351, 23.1357, 23.1359, 23.1361, 23.1365, 23.1367, 23.1381, 23.1401, 23.1411, 23.1415, 23.1431, 23.1441, 23.1443, 23.1445, 23.1447, 23.1501, 23.1524, 23.1529, 23.1541, 23.1557, 23.1561, 23.1581, 23.1583, 23.1585, 23.1587.

Additional requirements to be maintained at an earlier amendment level of the regulation:

23.143 at Amdt 23-17, 23.147 at Amdt 23-0, 223.177 at Amdt 23-21, 23-181 at Amdt 23-21, 23.233 at Amdt 23-0, 23.251 at Amdt 23-45, 23.473 at Amdt 23-28, 23.479 at Amdt 23-17, 23.485 at Amdt 23-0, 23.561 at Amdt 23-34, 23.629 at Amdt 23-31, 23.785 at Amdt 23-34, 23.1353 at Amdt 23-49, 23.1413 at Amdt 23-22, and 23.1419 at Amdt 23-14.

14 CFR part 36, effective Dec 1 1969, including the latest applicable requirements of Amendments 36-28. The following list the applicable regulation for this change:

14 CFR Part 36.9 at Amdt 36-19.

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