



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00084MC

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 an Intelligence/Surveillance/Reconnaissance (ISR) system. This Type Design Change is defined in accordance with
(1) L-3 Communications Integrated Systems, L.P. Sealed Drawing List SDL 10210-2 Revision A dated 28 Jan 2013, (2) L-3
Communications Integrated Systems, L.P. Sealed Drawing List SDL 10210-2 Addendum 1 Revision A dated 29 April 2014,
(3) Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G10210.28.52
Revision -, dated 27 August 2012, (4) Instructions for Continued Airworthiness, L-3 Communications Integrated Systems, Greenville
Document No. G10237.28.41 Revision NC, dated 31 May 2013, (5) L-3 Flight Manual Supplement dated Jan 2014, or later FAA/ODA
approved revisions of (1) thru (5).

Limitations and Conditions:

- 1. This installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this
installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the
aircraft.

(Limitations and Conditions continued on page 2 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: 05 Sept 2012

Date reissued:

Date of issuance: 29 January 2013

Date amended: (1) 01 May 2014

By direction of the Administrator

Signature \_\_\_\_\_

Title ODA-750173-SW Administrator

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

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
(Continuation Sheet)

Number: SA00084MC
Amendment 1 Date of Issuance: 01 May 2014

Limitations and Conditions: (Continued)

- 2. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G10210.28.52 Revision -, dated 27 August 2012 and Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Document No. G10237.28.41 Revision NC, dated 31 May 2013, or later FAA accepted revisions must be made available to the operator at the time of installation.
3. Loading or dispensing of flares is not FAA approved for 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.
4. Laser operation is not FAA approved for civil operations. The laser is electrically disabled.
5. 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.
6. Compatibility of this design change with previously approved modifications must be determined by the installer.
7. Installation of STC SA10688SC-D is a prerequisite for this STC
8. ELOS Findings have been made for the following regulation of 14 CFR part 23: §23.815(b), Amendment 23-46, Width of aisle. (Documented in ELOS Memo ACE-14-05).

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 Corporation B300 aircraft is as follows:

- a. The type certification basis for Beechcraft Corporation 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, 05 Sept 2012, is as shown in TCDS A24CE plus later amendment levels for the following paragraphs:

14 CFR Part 23, effective February 1, 1965, including the latest applicable requirements of Amendments 23-1 through 23-59. The following lists the applicable regulations for this change through Amendment 23-59:

23.23, 23.29, 23.45, 23.51, 23.55, 23.65, 23.67, 23.77, 23.171, 23.201, 23.207, 23.251, 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, 23.783, 23.787, 23.803, 23.807, 23.811, 23.813, 23.815, 23.851, 23.853, 23.863, 23.867, 23.1301, 23.1307, 23.1308, 23.1309, 23.1321, 23.1322, 23.1327, 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, 23.1447, 23.1449, 23.1501, 23.1524, 23.1529, 23.1541, 23.1555, 23.1557, 23.1561, 23.1581, 23.1583, 23.1585, 23.1587

Additional requirements to be maintained at the original aircraft certification basis amendment level:

23.143 Amdt 23-17, 23.147 Amdt 23-0, 23.177 Amdt 23-21, 23.181 Amdt 23-21, 23.233 Amdt 23-0, 23.473 Amdt 23-28, 23.479 Amdt 23-17, 23.485 Amdt 23-0, 23.561 amdt 23-34, 23.629 Amdt 23-31, 23.785 Amdt 23-34, 23.1413 Amdt 23-22, 23.1419 Amdt 23-14, 23.1457 Amdt 35

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**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:*