



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00079MC

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 10231-1 Revision G dated 10 Sept 2014, (2) L-3 Flight Manual Supplement dated May 2012, (3) Instructions for Continued Airworthiness, L-3 Document No. G10231.28.41 Revision 0, dated 22 May 2012, or later FAA/ODA approved revisions of (1) (2) and/or (3).

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 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: 12 Oct 2011

Date reissued: 06 Nov 2012

Date of issuance: 07 June 2012

Date amended: (1) 10 Sept 2014

By direction of the Administrator

Signature \_\_\_\_\_

Title ODA-750173-SW Administrator, Alternate \_\_\_\_\_

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



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# Supplemental Type Certificate

(Continuation Sheet)

Number: **SA00079MC**  
Amendment 1 Date of Issuance: 10 September 2014

*Limitations and Conditions: (Continued)*

2. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G10231.28.41 Revision 0, dated 22 May 2012, or later FAA accepted revision 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. 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 Memorandum ACE-14-04).

*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 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, 12 Oct 2011, is as shown in TCDS A24CE plus later amendment levels for the following paragraphs:

14CFR Part 23, effective February 1, 1965, including the latest applicable requirements of Amendments 23-1 through 23-61. The following lists the applicable regulations for this change through Amendment 23-61: 23.23, 23.25, 23.29, 23.45, 23.51, 23.55, 23.65, 23.67, 23.77, 23.141, 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, 23.803, 23.807, 23.811, 23.813, 23.815, 23.851, 23.853, 23.863, 23.867, 23.1301, 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, 23.1451, 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

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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:*