

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA00105MC

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 therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.*

Original Product Type Certificate Number: A24CE
***SEE PAGE 3** *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 10237-1 Revision A dated 21 June 2013, (2) L-3 Flight Manual Supplement dated Oct 2013, or (3) later FAA/ODA approved revisions of (1) and/or (2).

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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 20 Jan 2012

Date reissued:

Date of issuance: 13 Dec 2013

Date amended:

By direction of the Administrator



James Threlfall, Jr. *(Signature)*

ODA-750173-SW Administrator

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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 of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and Zip code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State and Zip code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

Supplemental Type Certificate

(Continuation Sheet)

Number SA00105MC

Date of Issuance: 13 Dec 2013

Limitations and Conditions: (Continued)

2. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G10237.28.41 Revision NC, dated 31 May 2013, 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. 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:
Section 23.815(b), amendment 23-46, Width of aisle, as documented in ELOS Memo ACE-13-18.

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, 20 Jan 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 23-62. The following lists the applicable regulations for this change through Amdt. 23-62:

23.23, 23.25, 23.29, 23.45, 23.49, 23.51, 23.55, 23.65, 23.66, 23.67, 23.73, 23.77, 23.141, 23.171, 23.173, 23.201, 23.253, 23.301, 23.303, 23.305, 23.307, 23.321, 23.337, 23.341, 23.351, 23.365, 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, 23.853, 23.863, 23.867, 23.1301, 23.1306, 23.1309, 23.1310, 23.1321, 23.1322, 23.1351, 23.1357, 23.1359, 23.1361, 23.1365, 23.1367, 23.1381, 23.1431, 23.1501, 23.1529, 23.1541, 23.1555, 23.1557, 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, 23.177 at Amdt 23.21, 23.181 at Amdt 23-21, 23.233 at Amdt 23-0, 23.251 at Amdt 23-45, 23.561 at Amdt 23-34, 23.785 at Amdt 23-34, 23.1413 at Amdt 23-22, 23.1419 at Amdt 23-14, and 23.1457 at Amdt 23.35

14 CFR Part 36, effective December 1, 1969, including the latest applicable requirements of Amendments 36-1 Through 36-28. The following lists the applicable regulation for this change:

14 CFR 36.9 at Amdt 36-19

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

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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.