



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number SA00076MC

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: Textron Aviation, Inc.

Model: B300

Description of Type Design Change:

Installation of a ventral radome in accordance with (1) L-3 Communications Integrated Systems, L.P. Sealed Drawing List SDL 10207-1 Revision D dated 05 October 2017, (2) L-3 Communications Integrated Systems, L.P. Instructions for Continued Airworthiness (ICA), Document No. G10207.28.08 Revision NC, dated 01 February 2012, (3) L-3 Flight Manual Supplement dated August 2017, or later FAA/ODA approved revisions of (1) (2) and/or (3).

Limitations and Conditions:

- 1. The installer must determine whether this design change is compatible with previously approved modifications.

(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: 01 July 2011

Date reissued: 06 November 2012

Date of issuance: 04 April 2012

Date amended: 05 October 2017

By direction of the Administrator

Signature _____

Title ODA-750173-SW Administrator

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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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: **SA00076MC**

Amendment 1 Date of Issuance: **05 October 2017**

Limitations and Conditions: (Continued)

2. 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.
3. Laser operation is not FAA approved for civil operations. The laser is electrically disabled.
4. Installation of STC SA10688SC-D is a prerequisite for this STC.
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.

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 Textron Aviation, Inc. B300 aircraft is as follows:

- a. The type certification basis for Textron Aviation, Inc. 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, 01 July 2011, is as shown in TCDS A24CE plus later amendment levels for the following paragraphs:

23.45 (c)(h4) Amdt 23-50, 23.45 (a)(b)(d-h) Amdt 23-62, 23.51 (a) Amdt 23-50, 23.53 (c) Amdt 23-62, 23.55 (a)(b) Amdt 23-62, 23.57 (a-e) Amdt 23-62, 23.59 (a) Amdt 23-62, 23.61 (a-c) Amdt 23-62, 23.63 (a) Amdt 23-62, 23.63 (d) Amdt 23-50, 23.67 (c) Amdt 23-50, 23.69 (a)(b) Amdt 23-50, 23.77 (c) Amdt 23-62, 23.201 Amdt 23-50, 23.207 Amdt 23-50, 23.251 Amdt 23-45, 23.253 Amdt 23-50, 23.301 Amdt 23-48, 23.305 Amdt 23-45, 23.321 Amdt 23-45, 23.331 Amdt 23-42, 23.337 Amdt 23-48, 23.341 Amdt 23-48, 23.347 Amdt 23-48, 23.351 Amdt 23-42, 23.441 Amdt 23-48, 23.443 Amdt 23-48, 23.573 Amdt 23-48, 23.574 Amdt 23-48, 23.575 Amdt 23-48, 23.607 Amdt 23-48, 23.613 Amdt 23-45, 23.853 Amdt 23-49, 23.867 Amdt 23-49, 23.1308 Amdt 23-57, 23.1309 Amdt 23-49, 12.1351 Amdt 23-49, 23.1359 Amdt 23-49, 23.1365 Amdt 23-49, 23.1401 Amdt 23-49, 23.1431 Amdt 23-49, 23.1581 Amdt 23-50, 23.1583 (c)(4)(5) Amdt 23-50, 23.1583 (m) Amdt 23-62, 23.1585 (a)(1) Amdt 23-50, 23.1587 (a)(d) Amdt 23-62.

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