



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number **SA00088MC**

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:

Removal of CAT radome and installation of a L-3 radome in accordance with (1) L-3 Communications Integrated Systems, L.P. Sealed Drawing List 10207-2 Revision J dated 18 Sept 2017, (2) L-3 Communications Integrated Systems, L.P. Instructions for Continued Airworthiness (ICA), Document No. G10207.28.09 Revision A, dated 13 October 2016, (3) L-3 Flight Manual Supplement dated July 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: 02 April 2012  
Date of issuance: 06 Nov 2012

Date reissued:  
Date amended: 18 Sept 2017

*By direction of the Administrator*

Signature \_\_\_\_\_

Title ODA-750173-SW Administrator

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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. 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: SA00088MC
Amendment 1 Date of Issuance: 18 September 2017

Limitations and Conditions: (Continued)

- 2. Loading or dispensing of flares is not FAA approved for civil operations.
3. Laser operation is not FAA approved for civil operations.
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...

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 Inc. B300 aircraft is as follows:

- a. The type certification basis for Textron 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:

23.23 Amdt 23-45, 23.25 Amdt 23-50 23.45(a)(b)(d-h) Amdt 23-62; 23.45 (h4) Amdt 23-50, 23.49 Amdt 23-62, 23.53 Amdt 23-62, 23.55 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, 23.67(d) Amdt 23-62, 23.69 (a)(b) Amdt 23-50, 23.77(c) Amdt 23-62, 23.141 Amdt 23-45, 23.177 Amdt 23-62, 23.181 Amdt 23-62, 23.201 Amdt 23-62, 23.207 Amdt 23-50, 23.233 Amdt 23-50, 23.251 Amdt 23-62, 23.253 Amdt 23-62, 23.301 Amdt 23-48, 23.305 Amdt 23-45, 23.321 Amdt 23-45, 23.331 Amdt 23-42, 23.335 Amdt 23-48, 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, 23.611 Amdt 23-48, 23.613 Amdt 23-45, 23.783 Amdt 23-49, 23.803 Amdt 23-46, 23.807 Amdt 23-62, 23.813 Amdt 23-46, 23.815 Amdt 23-46, 23.851 Amdt 23-45, 23.853 Amdt 23-62, 23.867 Amdt 23-49, 23.1301 Amdt 23-62, 23.1306 Amdt 23-61, 23.1308 Amdt 23-57, 23.1309 Amdt 23-62, 23.1310 Amdt 23-62, 23.1351 Amdt 23-49, 23.1357 Amdt 23-43, 23.1359 Amdt 23-49, 23.1365 Amdt 23-49, 23.1401 Amdt 23-49, 23.1411 Amdt 23-36, 23.1431 Amdt 23-62, 23.1555 Amdt 23-62, 23.1581 Amdt 23-50, 23.1583(c)(4)(5) Amdt 23-50, 23.1583 (d)(j)(l)(m) Amdt 23-62, , 23.1585(a)(c)(1)(2)(f)(j) Amdt 23-62, 23.1587 (a)(c)(d) Amdt 23-62.

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