



United States of America
 Department of Transportation
 Federal Aviation Administration

Supplemental Type Certificate

Number **SA00042MC**

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 mission related (non-essential, non-required) equipment and structural shapes on the exterior of the aircraft (safe carriage only) in accordance with (1) L-3 Communications Integrated Systems Sealed Drawing List 18146-1 Revision NC dated 20 Dec 2017, (2) L-3 Communications Integrated Systems Airplane Flight Manual Supplement dated September 2017, (3) Instructions for Continued Airworthiness (ICA), L-3 Communications Document No. G18146.28.08 Revision B, dated 31 August 2010 or later FAA 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.
2. 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.

(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: August 21, 2009

Date reissued:

Date of issuance: May 27, 2010

Date amended: 20 December 2017

By direction of the Administrator

Signature _____

Title ODA-750173-SW Administrator

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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: **SA00042MC**

Amendment 1 Date of Issuance: **20 December 2017**

Limitations and Conditions: (Continued)

3. Certain components included in the type design of this Supplemental Type Certificate (STC) are Government Furnished Equipment (GFE) and commercial spares are not available.
4. Aircraft modified in accordance with this STC and equipped with GFE may be operated for official use only.

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. 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, 21 August 2009, was determined to be as follows:

Para.	Amdt.	Para.	Amdt.	Para.	Amdt.	Para.	Amdt.
23.29(a)(b)	23-21	23.177(a)	23-21	23.367(a)(b)	23-7	23.625(a)(b)(c)(d)	23-7
23.45(a)(b)(d)(e)(f)(g)(h)	23-62	23.181(a)(b)	23-21	23.471	23-0	23.627	23-0
23.45(c)	23-34	23.201(a)(c)(d)(e)	23-14	23.473(a)(b)(c)(d)(e)(f)(g)	23-28	23.629(a)(b)	23-31
23.45(h)(4)	23-50	23.207(a)(b)(c)	23-7	23.479(a)(b)(c)	23-17	23.853(d)(3)	23-34
23.51(a)(c)	23-34	23.233(a)(b)	23-0	23.481(a)(b)	23-0	23.867(a)(b)(c)	23-7
23.53(c)	23-62	23.251	23-0	23.483	23-0	23.1301(d)	23-20
23.55(a)(b)	23-62	23.253(a)(b)(c)	23-26	23.485(a)(b)(c)	23-0	23.1401(a)(b)	23-20
23.57(a)(b)(c)(d)(e)	23-62	23.301(a)(b)(c)	23-28	23.493(a)(b)(c)	23-0	23.1419(b)(c)	23-43
23.59(a)	23-62	23.303	23-0	23.561(a)(c)	23-34	23.1431	23-0
23.61(a)(b)(c)	23-62	23.305(a)(b)	23-0	23.571(a)	23-34	23.1529	23-26
23.63(a)	23-62	23.307(a)	23-0	23.601	23-0	23.1581(a)(b)(c)(d)(f)	23-50
23.63(d)	23-50	23.321(a)(b)	23-0	23.603(a)(b)	23-23	23.1583(m)	23-62
23.67(c)	23-50	23.331(a)(b)	23-0	23.605(a)(b)	23-23	23.1583(c)(4)(5)	23-50
23.69(a)(b)	23-50	23.333(a)(b)(c)(d)	23-34	23.607	23-17	23.1587(a)(2)(d)(2)(7)(8)	23-62
23.77(c)	23-62	23.335(a)(b)(c)(d)	23-34	23.609(a)(b)	23-0	23.1587(d)(5)	23-34
23.141	23-17	23.337(a)(b)	23-34	23.611	23-7		
23.143(a)(b)	23-17	23.341	23-34	23.613(a)(b)(c)	23-23		
23.147(a)(b)	23-0	23.347	23-0	23.615(a)(b)(c)	23-7		
23.171	23-0	23.365(a)(b)(d)	23-0	23.619	23-7		

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