

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

Number SA00081MC

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
***SEE PAGE 3** *Make:* Hawker Beechcraft Corporation
Model: B300

Description of Type Design Change: Installation of communication and surveillance equipment in accordance with (1) L-3 Communications Integrated Systems, L.P. Sealed Drawing List SDL 18231-1 Revision C dated 25 July 2012, (2) L-3 Flight Manual Supplement dated May 2012, or (3) later FAA/ODA approved revisions of (1) and/or (2).

Limitations and Conditions: 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: 11 February 2011

Date reissued: 06 Nov 2012

Date of issuance: 07 August 2012

Date amended:



By direction of the Administrator

Dr. Michael E. Hopper (*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 SA00081MC

Date of Reissuance: 06 November 2012

Limitations and Conditions: (Continued)

1. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Greenville Document No. G18231.28.08 Revision A, dated 15 June 2012, or later FAA accepted revision must be made available to the operator at the time of installation.
2. 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.
3. This airplane is restricted from flight in known icing conditions.
4. Flight Environments STC SA00085MC is a prerequisite for this STC.
5. In accordance with FAA Order 8110.101 the ALE 47 self protect flare dispensers are installed under a limited approval. The LIDAR system is installed non-operational, as safe carriage equipment.
6. This STC includes provisions for installation in the mission system equipment racks of the ARC-231 radio, Blue Force Tracker, Data Management, Primary Mission Equipment, TCDL, Ku SATCOM, TCAS II, C-band transceiver, amplifier, and diplexer. The equipment for which these provisions are intended has not been certified. Additional FAA approval is required for the installation of this equipment and must be evaluated to assure satisfactory compliance with the applicable airworthiness standards.

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, the certification basis for the Hawker Beechcraft B300 aircraft is as follows:

- a. The type certification basis for Hawker 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, 11 February 2011, 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 23-59. The following lists the applicable regulations for this change through Amendment 23-59: 23.45, 23.51, 23.55, 23.65, 23.67, 23.77, 23.201, 23.207, 23.251, 23.253, 23.301, 23.305, 23.321, 23.331, 23.335, 23.337, 23.341, 23.347, 23.573, 23.574, 23.575, 23.607, 23.611, 23.613, 23.783, 23.787, 23.803, 23.807, 23.811, 23.813, 23.815, 23.853, 23.863, 23.867, 23.1307, 23.1308, 23.1309, 23.1321, 23.1322, 23.1351, 23.1357, 23.1359, 23.1361, 23.1365, 23.1401, 23.1411, 23.1431, 23.1441, 23.1447, 23.1557, 23.1581, 23.1583, 23.1585, 23.1587

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