

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

*Number* SA00082MC

*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 18267-1 Revision C dated 04 Sept 2012, (2) L-3 Flight Manual Supplement dated Aug. 2012, 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:* 29 June 2011

*Date reissued:* 06 Nov 2012

*Date of issuance:* 06 Sept 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.

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## 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 SA00082MC

Date of Reissuance: 06 November 2012

*Limitations and Conditions:* (Continued)

2. Instructions for Continued Airworthiness (ICA), L-3 Communications Integrated Systems, Document No. G18267.28.08 Revision -, dated 23 March 2012, or later FAA accepted revision must be made available to the operator at the time of installation.
3. 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.
4. This airplane is restricted from flight in known icing conditions.
5. Flight Environments STC SA00087MC is a prerequisite for this STC.
6. In accordance with FAA Order 8110.101 the ALE 47 self protect flare dispensers and the MX-15 HD, are installed under a limited approval. The ARC-231 radios, 96 MP LDG and AWAPS systems are installed non-operational, as safe carriage equipment.
7. 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, and SAT Phone. The equipment for which these provisions are intended have 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, 29 June 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:

23.23	23.29	23.45	23.51	23.55	23.65	23.67
23.77	23.141	23.171	23.201	23.207	23.251	23.253
23.301	23.303	23.305	23.307	23.321	23.331	23.333
23.335	23.337	23.341	23.347	23.351	23.365	23.367
23.441	23.443	23.471	23.481	23.483	23.493	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
23.787	23.803	23.807	23.811	23.813	23.815	23.853
23.863	23.867	23.1301	23.1307	23.1308	23.1309	23.1321
23.1322	23.1351	23.1357	23.1359	23.1361	23.1365	23.1367
23.1381	23.1401	23.1411	23.1415	23.1431	23.1441	23.1443
23.1447	23.1449	23.1501	23.1524	23.1529	23.1541	23.1555
23.1557	23.1561	23.1581	23.1583	23.1585	23.1587	

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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.