

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

Number ST04131AT

This certificate issued to Avionics Support Group
14291 SW 120th Street, Suite 101
Miami, FL 33186

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product--Type Certificate Number: A20WE
Make: Boeing
Model: 747-400

Description of Type Design Change: Installation of an AD Aerospace CARGOVu Camera System In Boeing 747-400 series aircraft in accordance with Master Drawing List 212093-MDL, Revision C, dated 09/24/13 or later FAA approved drawing revisions.

Limitations and Conditions: This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determine by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. 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. FAA Approved Airplane Flight Manual Supplement for the AD Aerospace CARGOVu Camera System, 212093-FMS, revision IR, dated September 25, 2013, or later FAA approved revision is a required part of this STC.

(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: October 5, 2012

Date reissued:

Date of issuance: September 25, 2013

Date amended:

By direction of the Administrator



(Signature)

Melvin D. Taylor
Manager,
Atlanta Aircraft Certification Office

(Title)

Supplemental Type Certificate

(Continuation Sheet)

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Limitations and Conditions Continued:

Instructions for Continued Airworthiness (ICA), Avionics Support Group Document 212093-ICA , Rev. A, dated March 12, 2013, or later FAA accepted revision must be made available to the operator at the time of installation.

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 Boeing 747-400 series aircraft is as follows:

- a. The type certification basis Boeing 747-400 series aircraft is shown on TCDS A20WE 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, October 5, 2012 is based upon Part 25 as amended by Amendment 25-123. 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 this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-123

25.29, 25.301, 25.303, 25.305(a)(b)(1), 25.307(a), 25.561, 25.601, 25.603, 25.605(a), 25.609, 25.611, 25.613, 25.771(a), 25.773(a), 25.777(a)(c), 25.788(a), 25.1301, 25.1309, 25.1351(a), 25.1353(a), 25.1357(a), 25.1360(a), 25.1431, 25.1501, 25.1529, 25.1541(a), 25.1581, Appendix H.

14 CFR Part 26 Regulations

Based on 14 CFR §21.101(g), applicable provision of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulation: 14 CFR §26.11.

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