

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

*Number* ST02504CH

*This certificate issued to*  
Armstrong Aerospace  
111 North Addison Avenue  
Elmhurst, IL 60126

*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.* (See Page 3 of 3 for complete certification basis.)

*Original Product--Type Certificate Number:* A35EU  
*Make:* Airbus  
*Model:* A300B4-605R; A300F4-605R; A300B4-622; A300B4-622R;  
A310-203; A310-222; A310-304; A310-324

*Description of Type Design Change:*

Installation of navAero t•Bag C2<sup>2</sup> Class 2 Electronic Flight Bag (EFB) System Provisions in accordance with Armstrong Aerospace Master Data List, Doc. No. DC104-4051-00, Revision H, dated May 19, 2010, or later FAA approved revision.

*Limitations and Conditions:*

- 1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- 2) FAA Approved Airplane Flight Manual Supplement, Armstrong Aerospace Doc. No. DC303-4051-00, Revision A, approved May 17, 2010, or Doc. No. DC303-5050-00, Revision -, approved May 17, 2010, as applicable, or later FAA approved revision, is required on board the modified 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:* January 8, 2007

*Date reissued:*

*Date of issuance:* November 29, 2007

*Date amended:* May 27, 2010



*By direction of the Administrator*

(Signature)

Steven L. Lardinois  
Manager, Systems and Flight Test Branch  
Chicago Aircraft Certification Office

(Title)

United States of America  
Department of Transportation - Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST02504CH

*Date of issuance*: November 29, 2007

*Date amended*: May 27, 2010

*Limitations and Conditions*: (continued)

- 3) This installation approval does not include the Electronic Flight Bag computers. The operational approval of the Electronic Flight Bag computers should follow the guidance in Advisory Circular (AC) No. 120-76A, or other FAA approved guidance.
- 4) Any equipment that is connected to the aircraft electrical power provisions approved by this certificate must meet the requirements and be tested in accordance with navAero Electrical and Environmental Substantiation Document, Doc. No. E-1525-11-0325-00, Revision C, dated February 8, 2010, or later FAA approved revision.
- 5) This modification may not be installed after August 30, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer to § 26.11).
- 6) 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.

*Certification Basis*:

The certification basis for the changed Airbus A300B4-605R, A300F4-605R, A300B4-622, A300B4-622R, A310-203, A310-222, A310-304, and A310-324 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Airbus A300B4-605R, A300F4-605R, A300B4-622, A300B4-622R, A310-203, A310-222, A310-304, and A310-324 aircraft is shown on TCDS A35EU for parts not changed or not affected by this change.
- b. The certification basis for the parts changed or affected by this change since the reference date of application, January 8, 2007, is shown on TCDS A35EU. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-119 and 14 CFR Part 26 amended by Amendment 26-1.

**Regulations at the latest amendment 25-0 through 25-119**

25.301(a)-(b); 25.303; 25.305(a)-(b); 25.307(a); 25.601; 25.603(a)-(c); 25.605(a); 25.609(a)-(b); 25.611; 25.613(a)-(b); 25.619(a)-(c); 25.625(a); 25.789(a); 25.853(a); 25.869(a); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(b) (d); 25.1351(a); 25.1353(a)-(b) (d); 25.1357(a) (c); 25.1431(a)-(c); 25.1501(a)-(b); 25.1529; 25.1581(a)-(b) (d); 25.1585(a)-(b).

**Regulations at the latest amendment 26-0 through 26-1**

26.11(a), (c), (d)(5); 26.47(c).

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