

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

IMPORT

*Number* ST00100NY

*This certificate issued to* Airbus Deutschland GmbH  
Kreetslag 10  
PO Box 950109  
D-21111 Hamburg,  
Germany

*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 :* \* \*See attached FAA Approved Model List (AML) No. ST00100NY for list of approved airplane models and applicable installation instructions  
*Make :* \*  
*Model :* \*

*Description of Type Design Change:*

Conversion of Passenger to Freighter configuration by installing a large Main Deck Cargo door, upper deck class "E" cargo compartment, floor reinforcement, and other associated modifications in accordance with installation instructions as listed on AML No. ST00100NY.

*Limitations and Conditions :*

1. Deutsche Aerospace Airbus Flight Manual Supplement for Airbus A310-203 with Major Change DA PFM 08093A, dated January 25, 1995, is required for configurations 1, 3, 4 and 10.
2. Daimler-Benz Aerospace Airbus Flight Manual Supplement for Airbus A310-221, -222 with major change DA PFM 08093A, dated August 23, 1995 is required with configurations 2, 4, 5 and 10.

(See Continuation Sheet 2 through 4)

*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 :* April 28, 1994

*Date of issuance :* July 18, 1994

*Date reissued :* April 26, 1995, August 31, 1999, February 22, 2001, October 26, 2001, November 1, 2002,

*Date amended :* August 16, 1994, January 25, 1995, August 23, 1995, April 19, 1996, May 31, 1996, June 12, 1996, February 22, 2001, May 10, 2001, August 1, 2001, October 26, 2001, April 18, 2002, May 14, 2003, July 09, 2003, July 25, 2003, May 6, 2004, May 21, 2004, March 14, 2005, June 21, 2005, June 22, 2006

*By direction of the Administrator*



(Signature)

Anthony Socias  
Manager  
New York Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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*Limitations and Conditions* (Continued).

3. EADS Airbus Flight Manual Supplement for Airbus A310-300 with Major Change EO PFM 03000A, FAA approved December 15, 2000, or later revision is required for configurations 6, 7, 8, 9 and 11.
4. Airbus Deutschland Flight Manual Supplement for Airbus A310-200 with major change DA PFM 08093A, FAA approved April 18, 2002 is required with configuration 12.
5. Luftfahrt-Bundesamt (LBA) approved Airbus Deutschland Flight Manual Supplement, Revision 02, dated February 1, 2003, for Airbus A310-300 with Major Change EO PFM 03000A, or LBA approved later revision is required for configurations 13, 14, 15, 17, 18 and 19.
6. Luftfahrt-Bundesamt (LBA) approved Airbus Deutschland Flight Manual Supplement, Revision 04, dated March 1, 2004, for Airbus A310-200 with major change DA PFM 08093A, or LBA approved later revision is required with configuration 16.
7. Supplemental Maintenance Requirements Document for A310 Aircraft with Major Change DA PFM 08093A, Revision 1, dated September 1994, or later FAA approved revision, is required for configurations 1, 2, 3, 4 and 5.
8. Supplement Maintenance Requirements for A310-300 aircraft converted to freighter by Major Change EO PFM 03000A, (S/B DA- 00-093), Issue 1, dated December 2000, or later FAA approved revision, is required for configurations 6, 7, 8, 9, 11, 13, 14, 15, 17, 18 and 19.
9. Supplement Maintenance Requirements for A310-200 aircraft converted to freighter per Major Change DA PFM 080/93A (SB 00-092) Revision 6, dated December 2000, or later FAA approved revision, is required for configurations 10, 12 and 16.
10. The following exemptions have been granted:
  - a. Exemption Number 7448, dated February 21, 2001 from 25.785(d), 25.813 (b), 25.857(e) and 25.1447(c)(1) & (c)(3)(ii) for A310-300 series aircraft.
  - b. Exemption Number 6151, dated August 31, 1995 from 25.785(d), 25.813 (b), 25.857(e) and 25.1447(c)(1) & (c)(3)(ii) for A310-221/-222 model aircraft.
  - c. Exemption Number 5938, dated July 13, 1994 from 25.785(d), 25.813 (b), 25.857(e) and 25.1447(c)(1) & (c)(3)(ii) for A310-203 model aircraft.
  - d. Exemption Number 7448A, dated June 24, 2003 from 25.785(d), 25.813 (b), 25.857(e) and 25.1447(c)(1) & (c)(3)(ii) for A310-300 series aircraft (applicable to configurations 14 and 15).
  - e. Exemption Number 8689, dated February 26, 2006 from 25.55(a), 25.857(e) and 25.1447(c)(1) for A310-300 series aircraft (applicable to configurations 19).
11. A copy of this certificate and the FAA Approved Model List (AML) No. ST00100NY, issued July 09,2003, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft.
12. This STC **does not approve** the three fire extinguishers forward of the cargo net. Only the installation provision is approved.
13. No items or equipment may be **carried or installed** in the cargo barrier net expansion zone.
14. This modification has been evaluated in accordance with AC 120-42A, Paragraph (8). This installation has no adverse effect on the previously approved ETOPS capability of the type certificated aircraft. This finding does not constitute approval to conduct extended range operations.

(See Continuation Sheet 3 through 4)

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*Limitations and Conditions* (Continued).

**15. Certification Basis Airbus A310-200:**

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 Airbus A310-200 passenger to freighter conversion is as follows:

- a. The type certification basis for Airbus A310-200 airplanes is shown on TCDS A35EU for parts **not changed or not affected** by the change.
- b. 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 for parts **changed or affected** was determined to be TCDS A35EU except for:

§ 25.783 as amended by Amendment 25-72  
§ 25.851 (a)(3) as amended by Amendment 25-74  
§ 25.855 as amended by Amendment 25-60  
§ 25.858 as amended by Amendment 25-54

**16. Certification Basis Airbus A310-300:**

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 Airbus A310-300 passenger to freighter conversion is as follows:

- a. The type certification basis for Airbus A310-300 airplanes is shown on TCDS A35EU for parts **not changed or not affected** by the change.
- b. 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 for parts **changed or affected** was determined to be TCDS A35EU except for:

§ 25.307 as amended by Amendment 25-72  
§ 25.571 as amended by Amendment 25-54  
§ 25.603 as amended by Amendment 25-46  
§ 25.605 as amended by Amendment 25-46  
§ 25.625 as amended by Amendment 25-72  
§ 25.783 as amended by Amendment 25-88  
§ 25.793 as amended by Amendment 25-51  
§ 25.851 as amended by Amendment 25-74  
§ 25.853 (c) as amended by Amendment 25-59  
§ 25.855 as amended by Amendment 25-93  
§ 25.857 (e) as amended by Amendment 25-93  
§ 25.858 as amended by Amendment 25-93  
§ 25.863 as amended by Amendment 25-46  
§ 25.869 as amended by Amendment 25-72  
§ 25.1307 as amended by Amendment 25-72  
§ 25.1423 as amended by Amendment 25-79  
§ 25.1529 as amended by Amendment 25-54  
§ 25.1585 as amended by Amendment 25-46

(See Continuation Sheet 4)

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*Limitations and Conditions* (Continued).

17. 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.
18. Compatibility of this design change with previously approved modifications must be determined by the installer.

**Service and Operating Information:**

Service and repair instructions (bulletins, letters, etc.), the structural repair manual, aircraft flight manual and overhaul and maintenance manuals which contain a statement that the document is EASA approved are accepted by the FAA and are considered as FAA approved. These approvals pertain to type design only.

...END...