

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

Number ST02315CH

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 : A28NM
Make : Airbus
Model : A319-111; A319-112; A319-113; A319-114; A319-115; A319-131;
A319-132; A319-133, A320-111; A320-211; A320-212; A320-214;
A320-231; A320-232; A320-233

Description of Type Design Change:

Installation of Verizon Cabin Wireless LAN (CWLAN) System Provisions in accordance with Armstrong Aerospace Master Data List, Doc. No. DC104-4029-00, Revision A, dated June 16, 2006, 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) 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.
- 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.

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 16, 2006

Date reissued : August 8, 2006

Date of issuance : July 28, 2006

Date amended :



By direction of the Administrator

(Signature)

Charles L. Smalley
Manager, Systems and Flight Test Branch
Chicago 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.

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

Number ST02315CH

Date of issuance : July 28, 2006

Certification Basis:

The certification basis for the changed Airbus Models A319-111, -112, -113, -114, -115, -131, -132, -133, and A320-111, -211, -212, -214, -231, -232, -233 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Airbus Models A319-111, -112, -113, -114, -115, -131, -132, -133, and A320-111, -211, -212, -214, -231, -232, -233 aircraft is shown on TCDS A28NM 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 16, 2006, is shown on TCDS A28NM. In addition, the applicant has voluntarily complied with 14 CFR Part 25 as amended through Amendment 25-117.

Regulations at the latest amendment 25-0 through 25-117

25.1; 25.29; 25.301(a)-(b); 25.303; 25.305(a)-(b); 25.307(a); 25.561(c)-(d); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(c); 25.609(a)-(b); 25.611; 25.613(a)-(b); 25.619(a)-(c); 25.625(a); 25.869(a); 25.1353(a), (b), (d); 25.1431(a)-(d); 25.1501(a); 25.1529.

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