

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

Number ST03458CH

This certificate issued to Armstrong Aerospace
1437 Harmony Court
Itasca, IL 60143

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 Sheet 3 for complete certification basis)

Original Product--Type Certificate Number: A28NM
Make: Airbus
Model: A319-112, A319-115, A320-214

Description of Type Design Change:

Installation of a Passenger Cabin IFE Upgrade in accordance with Armstrong Aerospace Master Data List, Document No. DC104-9505-00, Revision B, dated May 22, 2015, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. FAA Approved Flight Manual Supplement, Armstrong Aerospace Document No. DC303-9505-01, Revision -, approved June 01, 2015 or DC303-9505-02, Revision -, dated June 06, 2015 or later FAA approved revision is required onboard the modified aircraft.
3. Installation of Aircraft Cabin Interior Modifications must be accomplished in accordance with STC Number ST02445CH prior to this modification.
4. Installation of an In-Flight Entertainment (IFE) System must be accomplished in accordance with STC Number ST02435CH-D prior to this modification
5. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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: July 29, 2014

Date reissued:

Date of issuance: June 01, 2015

Date amended:



By direction of the Administrator

(Signature)

Brenda L. Litchfield
ODA Administrator
Envoy Aerospace, LLC ODA-831240-CE

(Title)

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

Number ST03458CH

Date of Issuance: June 01, 2015

Certification Basis (continued)

The certification basis for the changed Airbus A319-112, A319-115 and A320-214 Models as described in this certificate is as follows:

- a. The type certification basis for the Airbus A319-112, A319-115 and A320-214 Models 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, July 29, 2014, is shown on TCDS A28NM. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-56 or later as specified by the sections listed below and 14 CFR Part 26 amended by Amendment 26-1.

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-56 (MDL Configurations Groups 1 through 5)

25.23(a)(b); 25.29(a)(b); 25.301(a)(b); 25.303; 25.305(a)(b); 25.307(a); 25.365(e)(f)(g); 25.561(c); 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); 25.1301(a)-(d); 25.1309(a)-(d)(g); 25.1351(a); 25.1353(a)(b); 25.1357(a)(c)(d); 25.1431(a)-(c); 25.1501(a)(b); 25.1529; 25.1581(a)(b)(d); 25.1585(a).

14 CFR Part 25 Regulations at the later amendment level (MDL Configurations Groups 1 through 5)

25.853(a) [Amdt 25-116]; 25.869(a)(4) [Amdt 25-113]; 25.981(a) [Amdt 25-102].

14 CFR Part 25 Regulations at the later amendment level (MDL Configurations Groups 1 through 3)

25.562(a)(b)(c)(2)(c)(4)(c)(7)(c)(8) [Amdt 25-64].

14 CFR Part 25 Regulations at the later amendment level (MDL Configurations Groups 4 and 5)

25.562(a)(b)(c)(2)(c)(4)(c)(5)(c)(6)(c)(7)(c)(8) [Amdt 25-64].

14 CFR Part 26 Regulations

Based on 14 CFR § 21.101(g), applicable provisions 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 latest amendment date of this STC, compliance has been found for the following regulations: 14 CFR §§ 26.11(c) [Amdt. No. 26-0]; 26.47(c) [Amdt. No. 26-1]. This modification does not affect or create fatigue critical baseline structure.

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