

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

Number ST02814CH

This certificate issued to

Rosemount Aerospace, Inc.
14300 Judicial Road
Burnsville, MN 55306-4898

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 4 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, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, A321-232

Description of Type Design Change:

Installation of Rosemount Aerospace Electronic Flight Bag (EFB) System and Provisions in accordance with Rosemount Aerospace Master Data List, Doc. No. D06404216, Revision G, dated June 27, 2016, 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 Airplane Flight Manual Supplement as defined in Rosemount Aerospace Master Data List Doc. No. D06404216, Revision G, dated June 27, 2016, or later FAA approved revision, is required on board the modified aircraft.
- 3) The Rosemount Aerospace Electronic Flight Bag (EFB) System is an approved Class 3 EFB system for use in hosting Type A and Type B software applications following the guidance in Advisory Circular (AC) No. 120-76C. Hosting Type C software applications requires additional approval in accordance with the guidance in Advisory Circular (AC) No. 20-159, or other FAA approved guidance. Operational approval of the EFB system should follow the guidance in Advisory Circular (AC) No. 120-76C, or other FAA approved guidance.

(Limitations and Conditions continued on Page 4 of 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: August 13, 2009

Date reissued:

Date of issuance: March 2, 2010

Date amended: June 30, 2016



By direction of the Administrator

(Signature)

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

(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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Date of issuance: March 2, 2010

Date amended: June 30, 2016

Certification Basis:

The certification basis for the changed Airbus 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, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, and A321-232 aircraft as described in this certificate is as follows:

- a. The type certification basis for the Airbus 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, A321-111, A321-112, A321-131, A321-211, A321-212, A321-213, A321-231, and A321-232 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, August 13, 2009, is shown on TCDS A28NM. In addition, the applicant has complied with 14 CFR Part 25 as amended by Amendment 25-122 and 14 CFR Part 26 amended by Amendment 26-1.

Applicable to MDL Configuration A:

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-122

25.301(a)-(c); 25.303; 25.305(a)-(c); 25.307(a); 25.561(c)-(d); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(b); 25.609(a); 25.611; 25.613(a)-(b); 25.619(a)-(c); 25.625(a); 25.771(a); 25.773(a); 25.777(c); 25.789(a); 25.869(a)(4); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(b)-(d), (g); 25.1321(a); 25.1322(a); 25.1351(a); 25.1353(a), (b), (d); 25.1357(a), (c), (e); 25.1431(a)-(d); 25.1501(a)-(b); 25.1529; 25.1581(a), (b), (d); 25.1585(a)-(b).

Applicable to MDL Configurations C, D, E, F, G, H, J, K and L:

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-122

25.29(a)-(b); 25.301(a)-(c); 25.303; 25.305(a)-(c); 25.307(a); 25.561(c)-(d); 25.571(a)-(b); 25.601; 25.603(a)-(c); 25.605(a); 25.607(a)-(b); 25.609(a); 25.611; 25.613(a)-(b); 25.619(a)-(c); 25.625(a); 25.789(a); 25.869(a)(4); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(b)-(d), (g); 25.1322(d); 25.1351(a); 25.1353(a)-(b), (d); 25.1357(a), (c), (e); 25.1381(a)-(b); 25.1431(a)-(d); 25.1501(a)-(b); 25.1529; 25.1541; 25.1581(a)-(b), (d); 25.1585(a)-(b).

Applicable to all MDL Configurations:

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].

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Date of issuance: March 2, 2010

Date amended: June 30, 2016

Limitations and Conditions: (continued)

- 4) For Rosemount Aerospace Master Data List Doc. No. D06404216, Configuration C (Provisions for Class 2 EFB), FAA Approved Instructions for Continued Airworthiness – Airworthiness Limitations, Section 6.0 of Rosemount Aerospace Doc. No. D06422281, Revision E, approved June 30, 2016, or later FAA approved revision, is a required part of this STC.
- 5) For Rosemount Aerospace Master Data List Doc. No. D06404216, Configurations G, H, J and L (Provisions for Class 2 EFB), FAA Approved Instructions for Continued Airworthiness – Airworthiness Limitations, Section 6.0 of Rosemount Aerospace Doc. No. D06426587, Revision D, approved June 30, 2016, or later FAA approved revision, is a required part of this STC.
- 6) For Rosemount Aerospace Master Data List Doc. No. D06404216, Configuration K (Single Aisle Mount), FAA Approved Instructions for Continued Airworthiness – Airworthiness Limitations, Section 6.0 of Rosemount Aerospace Doc. No. D06428255, Revision D, approved June 30, 2016, or later FAA approved revision, is a required part of this STC.
- 7) For Rosemount Aerospace Master Data List Doc. No. D06404216, Configurations C, D, E, F, G, H, J and L (Provisions for Class 2 EFB), 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. 120-76C, or other FAA approved guidance.
- 8) 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.

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