

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

Number ST03450CH

This certificate issued to CertifyNation, Inc.
650 W Grand Avenue, Suite 105
Elmhurst, IL 60126

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein 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 : A320 Series

Description of Type Design Change:

Certification of Radio Frequency Compatibility with Wireless Data Technologies in accordance with CertifyNation Master Data List, Doc. No. CN14-036MDL-00, Revision 0, dated April 30, 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) This STC does not constitute installation approval of a wireless radio frequency system using wireless data technologies. It only provides data that may partially support their installations or activations.
- 3) The installer must ensure aircraft equipment is compatible in accordance in Section 2 of CertifyNation "Equipment Compatibility List", Doc. No. CN14-036ECL-01, Revision 0, dated April 30, 2015, or later approved revision.
- 4) The operator is responsible to ensure changes to the aircraft equipment remain compatible in accordance with Section 2 of CertifyNation "Equipment Compatibility List", Doc. No. CN14-036ECL-01, Revision 0, dated April 30, 2015, or later approved revision.
- 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: October 21, 2014

Date reissued:

Date of issuance: May 15, 2015

Date amended:



By direction of the Administrator

Brenda L Litchfield
(Signature)

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

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

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

Number ST03450CH

Date of issuance: May 15, 2015

Certification Basis: (continued)

The certification basis for the changed Airbus A320 Series aircraft as described in this certificate is as follows:

- a. The type certification basis for the Airbus A320 Series 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, October 21, 2014, is shown on TCDS A28NM. 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.

14 CFR Part 25 Regulations at the latest amendment 25-0 through 25-119

25.1309(a); 25.1529.

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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1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection procedures and the use of appropriate statistical techniques to interpret the results.

3. The third part of the document focuses on the implementation of quality control measures. It describes how these measures are integrated into the data collection and analysis process to ensure the reliability and validity of the findings.

4. The fourth part of the document discusses the ethical considerations surrounding data collection and analysis. It stresses the importance of obtaining informed consent from participants and ensuring that their data is handled securely and confidentially.

5. The fifth part of the document provides a summary of the key findings and conclusions drawn from the research. It also offers recommendations for future research and practical applications of the findings in the field.

6. The sixth part of the document contains a list of references to the sources used in the research. This includes books, articles, and other scholarly works that provide a theoretical and methodological foundation for the study.

7. The seventh part of the document includes an appendix with additional data and information. This may include raw data, detailed calculations, or supplementary figures that support the main text of the report.

8. The eighth part of the document is a concluding statement that reiterates the significance of the research and the value of the findings. It expresses the hope that the study will contribute to a better understanding of the topic and inform future research and practice.

9. The ninth part of the document is a final section that provides contact information for the author and details about how to obtain a copy of the report. It also includes a statement of copyright and a disclaimer of liability.