

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

Number ST04003CH

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:

Installation of a Kontron Stored Content Wireless In-Flight Entertainment (IFE) System in accordance with CertifyNation Master Data List, Doc. No. CN14-015MDL-00, Revision 3, dated July 15, 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 Airplane Flight Manual Supplement, CertifyNation Doc. No. CN14-015AFM-01, Revision 0, approved July 15, 2015, or later FAA approved revision is required on board the modified aircraft.
- 3) Modification in accordance with this STC requires prior or concurrent embodiment of STC ST03450CH, Certification of Radio Frequency (RF) Compatibility with Wireless Data Technologies.
- 4) This system is intended to provide wireless data technology services using portable electronic devices (PED) for passenger entertainment purposes. Any other intended function of this equipment will require a re-examination of the certification basis.
- 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 16, 2014

Date reissued:

Date of issuance: July 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)

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

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 ST04003CH

Date of issuance: July 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 16, 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 Amendment 25-54

25.571(a)(b).

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

25.29(a)-(b); 25.301(a)-(b); 25.303; 25.305(a)-(b); 25.307(a); 25.561(c); 25.601; 25.603(a)-(c); 25.605(a); 25.609(a); 25.611; 25.613(a)-(b); 25.619(a)-(c); 25.625(a); 25.789(a); 25.813(a)-(b); 25.853(a); 25.869(a)(4); 25.981(a); 25.1301(a)-(d); 25.1307(c); 25.1309(b), (d), (g); 25.1351(a); 25.1353(a)-(b), (d); 25.1357(a), (c)-(d); 25.1423(c); 25.1431(a)-(d); 25.1501(a)-(b); 25.1529; 25.1581(a)-(b), (d); 25.1585(a)-(b).

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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