



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST00163NY

This certificate issued to: American Airlines, Inc.
3900 N. Mingo Road
Engineering Dept., MD 208
Tulsa, Oklahoma 74116

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A28NM
Make: Airbus
Model: A319-100 Series
A320-200 Series
A321-200 Series

Description of Type Design Change:

1. Installation of B/E Aerospace 15 Minutes Duration Gaseous Oxygen Container in Lavatory in accordance with US Airways Master Data List No. 32P35A1104 (initial release, dated October 10, 2014) or later FAA approved revision, FAA accepted Instructions for Continued Airworthiness Report No 14-8 Revision A, dated September 17, 2014, or later FAA accepted revision, and FAA approved EWIS Instructions for Continued Airworthiness Report Impact No. 14-10, Revision New, dated August 20, 2014, or later FAA approved revision.

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: May 2, 2014

Date Reissued: October 30, 2015

Date of Issuance: October 10, 2014

Date Amended: August 28, 2015

By Direction of the Administrator

Signature _____

Title Anthony Gallo
Acting Manager
New York Aircraft Certification Office

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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: ST00163NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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Supplemental Type Certificate

(Continuation Sheet)

Number: ST00163NY

Date Reissued: October 30, 2015

Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for Airbus Models: A319-100, A320-200, A321-200 series is as follows:

- a. The type certification basis for Airbus Model A319-100, A320-200, A321-200 series airplanes is shown in TCDS A28NM for part not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, May 2, 2014 is based upon Part 25, as amended by Amendment 25-137 and Part 26. Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-137

25.301 (a)(b)(c), 25.303, 25.305 (a)(b), 25.307 (a), 25.561 (a)(b)(c)(d), 25.601, 25.603 (a)(b)(c), 25.605 (a), 25.607 (a)(b)(c), 25.611, 25.613 (a)(b)(c), 25.625 (a), 25.789 (a), 25.853 (a)(e), 25.1301 (a)(b), 25.1309 (a)(b)(d)(e)(f), 25.1351 (a), 25.1353 (a)(c), 25.1357 (a)(e), 25.1431 (a), 25.1438 (a), 25.1441 (a)(b), 25.1445 (a), 25.1447 (a)(c), 25.1449, 25.1453 (a)(b), 25.1529

Regulations at an intermediate amendment

None.

Regulations at the amendment level in TCDS A46NM

None.

Equivalent Safety Findings exist with respect to the following Regulations:

For Airbus Models A319-100, A320-200, A321-200:

25.1441 (c) Oxygen equipment & supply in accordance with ELOS Memo AT10288IB-T-S-6

25.1443 (c) Minimum mass flow of supplemental oxygen in accordance with ELOS Memo AT10288IB-T-S-5

CFR Part 26

26.11 (c) Amdt 26-0, 26.47 (b) Amdt 26-1

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