



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST01741WI

This certificate issued to: AVOX Systems Inc.
225 Erie Street
Lancaster, NY 14086

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:
A16WE

Make: The Boeing Company
Model: 737-100/-200/-300/-400/-500/-600/-700/-700C/-800/-900
/-900ER Series

Description of Type Design Change:

1. Install the AVOX LavOx Passenger Lavatory Oxygen System in accordance with the Installation Data List (IDL), Document No. 89543, Revision F, dated June 12, 2015 or later FAA approved revision.
2. Maintenance to be performed in accordance with the Instructions of Continued Airworthiness, Document No. 89544, Revision E, dated June 12, 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. 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.
3. ELOS Findings have been made for the following regulations: 14 CFR 25.1441(c) Oxygen equipment and supply, and 14 CFR 25.1443(c) Minimum Mass flow of supplemental oxygen (documented in TAD ELOS Memos ST07720NY-T-S-1).

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: August 26, 2013

Date Reissued: May 22, 2014

Date of Issuance: April 4, 2014

Date Amended: September 28, 2015

By Direction of the Administrator

Signature _____

Title Gaetano Sciortino
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: ST01741WI

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: ST01741WI

Date Amended: September 28, 2015

Certification Basis:

Based on 14 CFR 21.115 and 14 CFR 21.101, and the FAA policy for significant changes in FAA Order 8110-48, the certification basis for The Boeing Company Model 737-100/-200/-300/-400/-500/-600/-700/-700C/-800/-900/-900ER AVOX LavOx Passenger Lavatory Oxygen System is as follows:

- a. The type certification basis for The Boeing Company Mode 737-100/-200/-300/-400/-500/ -600 /-700/-700C/-800/-900/-900ER is shown on A16WE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of the application, 08/26/2013, is based upon 14 CFR Part 25 as amended by Amendment 25-123. Based on 14 CFR 21.115 and 14 CFR 21.101, and the FAA policy for significant changes in the FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-123:

25.29(b) [Amdt. 25-72], 25.301 [Amdt. 25-23], 25.303 [Amdt. 25-23], 25.305(a)(b) [Amdt. 25-86], 25.307(a) [Amdt. 25-72], 25.341 [Amdt. 25-86], 25.561(a)(b)(3)(d) [Amdt. 25-91], 25.601 [Amdt. Original], 25.603 [Amdt. 25-46], 25.605(a) [Amdt. 25-46], 25.607(a)(b) [Amdt. 25-23], 25.611 [Amdt. 25-123], 25.613(a)(b)(c) [Amdt. 25-112], 25.619 [Amdt. 25-23], 25.625 [Amdt. 25-72], 25.789(a) [Amdt. 25-46], 25.869 [Amdt. 25-123], 25.1301(a)(1)(2)(3)(4) [Amdt. 25-123], 25.1309(a)(b)(d) [Amdt. 25-123], 25.1438 [Amdt. 25-41], 25.1441(a)(b)(c) [Amdt. 25-Original], 25.1443(c)(1)(2) [Amdt. 25-Original], 25.1445(a) [Amdt. 25-Original], 25.1447(a)(c)(1) [Amdt. 25-116], 25.1449 [Amdt. 25-Original], 25.1453 [Amdt. 25-Original], 25.1519 [Amdt. Original], 25.1529 [Amdt. 25-54]

Regulation at the amendment level in TCDS A16WE:

None

Regulation at an intermediate amendment:

None

14 CFR Part 26 regulations:

Based 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 issuance of this STC, compliance has been found for the following regulations 14 CFR 26.11 (c)(d) (5) (Amendment No. 26-0 through 26.6)

ELOS Findings have been made for the following regulations: 14 CFR 25.1441(c) Oxygen equipment and supply, and 14 CFR 25.1443(c) Minimum Mass flow of supplemental oxygen (documented in TAD ELOS Memos ST07720NY-T-S-1).

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