



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST03289NY

This certificate issued to: PATS Aircraft, LLC
21652 Nanticoke Avenue
Georgetown, DE 19947

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
Mcnrg: The Boeing Company
Mqf gn 737-700 Series

Description of Type Design Change:

- 1. Modification of an existing executive cabin interior in accord with PATS Aircraft Installation Master Data List 7359-0001-MDL, Revision F dated December 20, 2014.

Continued on Sheet 3.

Limitations and Conditions:

- 1. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in The Boeing Company Model 737-700(IGW) Serial No. 30756. This STC does not permit manufacturing of parts for multiple installations.
- 2. The installer must determine whether this design change is compatible with previously approved modifications.

Continued on Sheet 3.

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: July 11, 2014

Date reissued: March 31, 2015

Date of issuance: December 21, 2014

Date amended:

By direction of the Administrator

Signature _____

Title James N. Olmsted
STC ODA administrator
ODA-955292-NE

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: ST03289NY

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: ST03289NY

Effective Date: March 31, 2015

Description of Type Design Change (continued):

2. Conduct maintenance procedures in accordance with PATS Aircraft, LLC, Instructions for Continued Airworthiness Document No. 7359-ICAW, revision IR, dated July 15, 2014 or later FAA-approved revision and subordinate manuals.
3. Comply with PATS Aircraft, LLC, Airplane Flight Manual Supplement Document No. AFMS-ST03289NY-I, revision IR, dated December 19, 2014.

Limitations continued

3. Comply with FAA-approved Airworthiness Limitations, approved on December 15, 2014, which may be found in Section 4 of the Maintenance Planning Data Supplement (MPDS) to the ICA, Document No. TM-7359-MPDS, revision IR dated July 15, 2014 or later FAA approved revision of this MPDS.
4. The FAA has reviewed the applicant's assessment of existing Electrical Wiring Interconnection System Instructions for Continued Airworthiness (EWIS ICA) and found that no additional EWIS ICA tasks are required.
5. The following alterations are prerequisites to this installation: FAA STC
ST9752SC-D Executive Interior
ST03165AT, Dual NavAero class 2 EFBs
ST09101AC-D, Environmental Control System modification
ST09102AC-D, Passenger Oxygen equipment modification
ST02248NY, High Speed Data SATCOM transceiver
ST02002AT-D, Collins CMU-900/2100 ACARS, and VHF-900B transceiver
6. The following alterations are installed concurrently with and required as part of this STC: FAA STC
ST02541CH, Aircell Broadband Services System
ST01734NY, Iridium Antenna
SB-737-21-1195, Boeing Service Bulletin: Replacement of Cabin Pressure Indication and Warning System Altitude Pressure Switch

Certification Basis:

1. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for non-significant changes in FAA Order 8110.48, the certification basis for the installation in this aircraft is as follows:
 - a. The type certification basis for The Boeing Company 737-700 aircraft is shown on TCDS A16WE revision 53 dated June 19, 2014 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 application July 11, 2014 is based upon part 25 as amended through Amendment 25-77, with exceptions as noted in TCDS A16WE:

Continued on Sheet 4

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(Continuation Sheet)

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Effective Date: March 31, 2015

Certification Basis: (continued)

(1). Regulations at the amendment level in TCDS A16WE: 14 CFR:
§ 25.301, 25.303, 25.305, 25.307, 25.365, 25.561, 25.562, 25.571, 25.601, 25.603, 25.605, 25.609, 25.611, 25.613, 25.619, 25.625, 25.785, 25.787, 25.789, 25.791, 25.793, 25.809, 25.811, 25.812, 25.813, 25.815, 25.851, 25.853, 25.869, 25.1301, 25.1307, 25.1309, 25.1321, 25.1322, 25.1351, 25.1357, 25.1381, 25.1411, 25.1441, 25.1447, 25.1519, 25.1529, 25.1541, 25.1557, 25.1561, 25.1581, 25.1583.

(2) Regulations above the amendment level in TCDS A16WE (*= latest) 14 CFR § 25.xxx at amendment level:
25.1353 at Amdt *25-113
25.1431 at Amdt *25-113
25.1585 at Amdt *25-105

2. Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future Part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations:

26.11 at amendment 26-0
26.47 at amendment 26-1

3. This aircraft has been shown compliant to transmitting portable electronic devices (TPED) per PS-ANM-25-13 for wireless computer network IEEE 802.11 a/b/g/n frequency bands.

- END -

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