



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST03292NY

This certificate issued to: PATS Aircraft, LLC
21652 Nanticoke Ave
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 25/26 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. Installation of Maintenance Switches and Redundant Overheat Sensors for APU in accordance with PATS Aircraft, LLC Installation Master Drawing List: 6952-0002-MDL, revision D dated February 18, 2016, or later FAA-approved revision.
2. Comply with PATS Aircraft, LLC. Airplane Flight Manual Supplement Document No. AFMS-ST03292NY-I, revision A, dated: March 15, 2016.

See continuation sheet 3

Limitations and Conditions:

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. You cannot use descriptive data about this design to duplicate other products. This approval is limited to only this installation made in The Boeing Company 737-700 IGW, S/N 38854. This STC does not permit manufacturing of parts for multiple installations.

See continuation 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: March 12, 2015

Date reissued:

Date of issuance: March 15, 2016

Date amended:

By direction of the Administrator

Signature _____

Title William J. Ertle II
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: ST03292NY

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: ST03292NY

Effective Date: March 15, 2016

Type Design Data (continued):

- 3. Maintenance procedures are to be conducted in accordance with PATS Aircraft Systems report No. TM-3620-ICAW Instructions for Continued Airworthiness, revision IR, dated August 11, 2015, or later FAA-approved revision.
- 4. FAA-approved Airworthiness Limitations: none
- 5. This STC does not require a revised Electrical Wiring Interconnection System Instructions for Continued Airworthiness.

Limitations (Continued):

- 3. The following alterations are prerequisites to this installation: none

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 Boeing Company 737-700 series modification is as follows:
 - a. Part 25 & 26 regulations type certification basis is shown on Type Certificate Data Sheet TCDS A16WE, revision 54, dated February 2, 2015 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 March 12, 2015 is based upon part 25 as amended through Amendment 25-77 et al.
 - c. 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 this modification was determined to be:

Regulations at the amendment level in TCDS: 14CFR §25.301, 25.303, 25.305, 25.307, 25.601, 25.603, 25.605, 25.609, 25.611, 25.613, 25.619, 25.625, 25.789, 25.1301, 25.1351, 25.1357, 25.1431, 25.1529, 25.1541, 25.1581, 26.11

Regulations above the amendment level in TCDS(*= latest):

- 25.561(c) (Amdt 25-91)*
- 25.607 (Amdt 25-23)*
- 25.1309(a)(b)(c)(d) (Amdt 41)
- 25.1353(a)(d)(1)(2)(3) (Amdt 21-113)

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