



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: ST03291NY

This certificate issued to: PATS Aircraft, LLC  
21652 Nanticoke Avenue  
Georgetown, Delaware 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 gr 737-700

Description of Type Design Change:

1. Modification of Existing Interior Emergency Lighting System in accordance with PATS Aircraft Installation Master Drawing List 7446-0001-MDL, Revision B dated April 13, 2015 or later FAA approved revision.
2. Comply with PATS Aircraft LLC Airplane Flight Manual Supplement No. AFMS-ST03291NY-I, Revision IR, dated April 15, 2015

(Continued on Sheet 3)

Limitations and Conditions:

1. This STC does not require revised Electrical Wiring Interconnection System (EWIS) Instructions for Continued Airworthiness (ICA).
2. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Boeing 737-700IGW Serial No. 29024. This STC does not permit manufacturing of parts for multiple installations.

(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: March 11, 2015

Date reissued:

Date of issuance: April 15, 2015

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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*Supplemental Type Certificate*

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: ST03291NY*

**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: ST03291NY

Effective Date: April 15, 2015

Description of Type Design Change (Continued):

3. The aircraft must be maintained in accordance with PATS Aircraft LLC. Report No. TM-7446-ICAW, revision IR dated March 30, 2015 or later FAA accepted revision, is required for Continued Airworthiness.

Limitations and Conditions (Continued):

3. The following alterations are prerequisites to this installation:
  - a. ST00959LA Installation of Executive Cabin Interior
  - b. SA3441NM Installation of Floor Proximity Emergency Escape Path Marking System, Note: this system was modified by this STC.

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 March 11, 2015 is based upon part 25 as amended through Amendment 25-77, with exceptions as noted in TCDS A16WE.
    - (1) Regulations at the amendment level in TCDS A16WE, 14CFR:  
25.29, 25.301, 25.303, 25.305, 25.307, 25.561, 25.601, 25.603, 25.611, 25.613, 25.625, 25.789, 25.811, 25.812, 25.869, 25.1301, 25.1309, 25.1501, 25.1529, 25.1541, 25.1581
    - (2) Regulations above the amendment level in TCDS A16WE, (\* = latest) 14 CFR § 25.xxx at amendment level:  
25.853 at Amdt \*25-116  
25.981 at Amdt 25-102  
25.1353 at Amdt 25-113  
25.1431 at Amdt \*25-113
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:
  - a. 26.11 at amendment 26-0

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