



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST02117LA

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
Mfg: The Boeing Company
Model: 737-700 series
737-800 series

Description of Type Design Change:

- 1. Installation of Aircell ST3100 Iridium SATCOM System in accordance with DeCrane Aerospace/ Hollingshead International Master Data List 2967-01, Revision NC, dated January 18, 2008, or later FAA-approved revision.

See continuation sheet 3

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.

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: October 1, 2007

Date reissued: June 5, 2009

Date of issuance: February 1, 2008

Date amended: October 15, 2015

By direction of the Administrator

Signature _____

Title Nick 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: ST02117LA

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: ST02117LA

Effective Date: October 15, 2015

Addition Date(s) Reissued: N/A

Additional Date(s) Amended: December 20, 2010

Type Design Data (continued):

2. PATS Aircraft, LLC Document 2967-14, Revision B, dated September 15, 2015 is required for continued airworthiness. The FAA approved Airworthiness Limitations requirements are documented below in Limitations section.

3. FAA-approved Airplane Flight Manual Supplement document 2967-AFM, revision NC, dated February 1, 2008, or later FAA-approved revision is required.

4. This STC has been evaluated and supports installation of STC ST01697SE Lower Cabin Altitude (LCA) modification.

Limitations (Continued):

2. FAA-approved Airworthiness Limitations approved October 5, 2015 must be complied with. These are contained within section 18.0 of PATS Aircraft, LLC document 2967-14 listed above in Type Design Data.

3. This STC does not require a revised Electrical Wiring Interconnection System Instructions for Continued Airworthiness.

4. 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 and 737-800 series modification is as follows:

a. The type certification basis is shown on Type Certificate Data Sheet TCDS A16WE, revision 54, 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 August 17, 2015 is based upon part 25 and part 26 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:

25.23, 25.29, 25.111, 25.119, 25.121, 25.123, 25.301, 25.303, 25.305, 25.307, 25.333, 25.365, 25.561, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.621, 25.623, 25.625, 25.1301, 25.1307, 25.1309, 25.1316, 25.1351, 25.1353, 25.1355, 25.1357, 25.1381, 25.1419, 25.1431, 25.1529, 25.1541, 25.1581, 25.1583, 25.1587, 26.47.

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

25.571 25-96

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