



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST01716NY

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 25/26 of the Federal Aviation Regulations.

Original Product – Type Certificate Number: A16WE
Mcng: The Boeing Company
Mqf gn 737-700 Series

Description of Type Design Change:

Installation of Auxiliary Fuel Systems in Boeing 737-700 IGW (BBJ), Compliant to § 25.981 amendment 25-125

1. All configurations listed below are approved with or without Boeing Nitrogen Generation System (NGS) installed.
2. Configuration 1-E: Installation of a Two-Cell (One Forward, One Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, 2A Tank System Kit Installation Drawing 5888-2800-111 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.

(See continuation sheets 3 thru 9)

Limitations and Conditions:

1. The installer must determine whether this design is compatible with previously approved modifications.
2. If the STC holder agrees to permit another person to use this certificate to alter a product, the STC holder must give the other person written evidence of that permission.

(See continuation sheets 3 thru 9)

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 17, 2006

Date reissued: November 14, 2011

Date of issuance: December 7, 2006

Date amended: April 8, 2016

By direction of the Administrator

Signature _____

Title David E. Warner
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).



United States of America
Department of Transportation
Federal Aviation Administration
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: ST01716NY

To (Name and address of transferee)

From (Name and address of grantor)

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Additional Date Reissued: March 17, 2011.

Additional Date Amended: August 3, 2007, August 10, 2007, March 3, 2008, June 11, 2009, August 25, 2010, November 11, 2011 November 22, 2013, February 21, 2014, February 25, 2014, June 3, 2015, November 13, 2015.

Description of Type Design Change (Continued)

3. Configuration 1-F: Installation of a Four-Cell (One Forward, Three Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 4 Tank System Kit Installation Drawing 5888-2800-113 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
4. Configuration 1-G: Installation of a Three-Cell (One Forward, Two Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 3B Tank System Kit Installation Drawing 5888-2800-112 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
5. Configuration 1-H: Installation of a Five-Cell (One Forward, Four Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. K dated November 12, 2013, including 5 Tank System Kit Installation Drawing 5888-2800-114 for installations with Fuel Hoses, or 6873-2811-100, Rev. C dated October 25, 2011 for installations with double walled metal tubes, or 7073-2811-100 Rev E dated November 8, 2013 for all new High Level Safety Review (HSLR) compliant configurations and double walled metal tubes, or later FAA approved revision.
6. Configuration 1-J: Installation of a Six-Cell (One Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. K dated November 12, 2013, including 6B Tank System Kit Installation Drawing 5888-2800-115 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
7. Configuration 1-K: Installation of a Three-Cell (Two Forward, One Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 3 Tank System Kit Installation Drawing 5888-2800-121 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
8. Configuration 1-L: Installation of a Four-Cell (Two Forward, Two Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 4B Tank System Kit Installation Drawing 5888-2800-122 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
9. Configuration 1-M: Installation of a Five-Cell (Two Forward, Three Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 5 Tank System Kit Installation Drawing 5888-2800-123 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Description of Type Design Change (Continued)

10. Configuration 1-N: Installation of a Six-Cell (Two Forward, Four Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 6 Tank System Kit Installation Drawing 5888-2800-124 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
11. Configuration 1-P: Installation of a Seven-Cell (Two Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. K dated November 12, 2013, including 7 Tank System Kit Installation Drawing 5888-2800-125-101 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or 7073-2811-100 Rev E dated November 8, 2013 for all new High Level Safety Review (HSLR) compliant configurations and double walled metal tubes, or later FAA approved revision.
12. Configuration 1-R: Installation of a Six-Cell (Three Forward, Three Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 6A Tank System Kit Installation Drawing 5888-2800-133 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
13. Configuration 1-S: Installation of a Seven-Cell (Three Forward, Four Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 7A tank System Kit Installation Drawing 5888-2800-134 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
14. Configuration 1-T: Installation of a Eight-Cell (Three Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. K dated November 12, 2013, for all High Level Safety Review (HLSR) compliant configurations and double walled metal tubes, or later FAA approved revision.
15. Configuration 1-U: Installation of a Eight-Cell (Four Forward, Four Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 8A Tank System Kit Installation Drawing 5888-2800-144 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.
16. Configuration 1-V: Installation of a Nine-Cell (Four Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. G dated November 4, 2011, including 9 Tank System Kit Installation Drawing 5888-2800-145 or 6873-2811-100, Rev. C dated October 25, 2011 for double walled metal tubes, or later FAA approved revision.

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Description of Type Design Change : (Continued)

17. Configuration 1-W: Installation of a Eight-Cell (Three Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft Master Drawing List No. 5888-2800-001, Rev K dated November 12, 2013, including 8-Tank System Kit Installation Drawing 5888-2800-135-103 or 6873-2811-100, Rev. C dated October 25, 2011, or later FAA approved revision, for double walled metal tubes on new installations. Master Drawing List No. 5888-2800-001, Rev. D dated August 3, 2007, 8-Tank System Kit Installation Drawing 5888-2800-135-103, plus Service Bulletin ST01716NY-D-28-SB-003_IR dated January 16, 2008, or later FAA approved revision for in service aircraft only. To obtain the Cargo Loading Limitations refer to Boeing Weight and Balance Control and Loading Manual and PATS Aircraft Flight Manual Supplement AFMS-ST01716NY-F-35 Section 1 - Limitations Table 6a applicable to aircraft S/N 60406 and prior serial numbers for 737-700IGW aircraft.
18. Configuration 1-X: Installation of a Seven-Cell (Two Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft, LLC. Master Drawing List No. 5888-2800-001, Rev. K dated November 12, 2013, for all new High Level Safety Review (HSLR) compliant configurations and double walled metal tubes, or later FAA approved revision.
19. Configuration 1-Y: Service Bulletin ST01716NY-D-28-SB-012_IR dated November 7, 2011 or later FAA approved revision converts aircraft that have been previously modified with Configurations 1-E, 1-F, 1-G, 1-H, 1-J, 1-K, 1-L, 1-M, 1-N, 1-P, 1-R, 1-S, 1-T, 1-U, 1-V, 1-W or 1-X by removing the fuel hose and installing the double walled metal tube assemblies. There is no change to configuration AFMS.
20. Configuration 2-A: Installation of an Eight-Cell (Three Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft Master Drawing List No. 5888-2800-001, Rev N dated May 18, 2015, including 8-Tank System Kit Installation Drawing 6873-2811-100-133 for double walled metal tubes on new installations, or later FAA approved revision. To obtain the Cargo Loading Limitations refer to Boeing Weight and Balance Control and Loading Manual and PATS Aircraft Flight Manual Supplement AFMS-ST01716NY-F-35 Section 1 - Limitations Table 6b applicable to aircraft S/N 61040 and subsequent Serial Number 737-700IGW Aircraft.
21. Configuration 2-B: Installation of a Four-Cell (One Forward, Three Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft Master Drawing List No. 5888-2800-001, Rev. R dated November 9, 2015, including 4-Tank System Kit Installation Drawing 7073-2811-100-113 for double walled metal tubes on new installations, or later FAA approved revision. To obtain the Cargo Loading Limitations refer to Boeing Weight and Balance Control and Loading Manual and PATS Aircraft Flight Manual Supplement AFMS-ST01716NY-F-13 Section 1 - Limitations Table 6 applicable to aircraft S/N 62467 and subsequent S/N 737-700IGW Aircraft.
22. Configuration 2-C: Installation of a Seven-Cell (Two Forward, Five Aft) Auxiliary Fuel System in the forward and aft cargo compartment in accordance with PATS Aircraft Master Drawing List No. 5888-2800-001, Rev. T dated February 29, 2016, Top Kit Installation Drawing 7073-2811-100-143 with double walled metal tubes installations, or later FAA approved revision. To obtain the Cargo Loading Limitations refer to Boeing Weight and Balance Control and Loading Manual and PATS Aircraft Flight Manual Supplement AFMS-ST01716NY-F-25 Section 1 - Limitations Table 6 applicable to aircraft S/N 62699 and subsequent S/N 737-700IGW Aircraft.

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Description of Type Design Change : (Continued)

Aircraft Flight Manual Supplements (AFMS) for Configurations 1-E, 1-F, 1-G, 1-H, 1-J, 1-K, 1-L, 1-M, 1-N, 1-P, 1-R, 1-S, 1-T, 1-U, 1-V, 1-W, 1-X,

1. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 175 for a Two-Cell (One Forward, One Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-E.
2. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 176 for a Four-Cell (One Forward, Three Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-F.
3. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 177 for a Three-Cell (One Forward, Two Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-G.
4. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST01716NY-F-14 for a Five-Cell (One Forward, Four Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved February 21, 2014, or later FAA approved revision, is required with Configuration 1-H.
5. PATS Aircraft, LLC. Aircraft Flight Manual Supplement AFMS-ST01716NY-F-15 for a Six-Cell (One Forward, Five Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved November 22, 2013, or later FAA approved revision, is required with Configuration 1-J.
6. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 180 for a Three-Cell (Two Forward, One Aft) Auxiliary Fuel System configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-K.
7. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 181 for a Four-Cell (Two Forward, Two Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-L.
8. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 182 for a Five-Cell (Two Forward, Three Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-M.
9. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 183 for a Six-Cell (Two Forward, Four Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-N.
10. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST1716NY-F-25 for a Seven-Cell (Two Forward, Five Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved February 21, 2014, or later FAA approved revision, is required with Configurations 1-P and 1-X.
11. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 185 for a Six-Cell (Three Forward, Three Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-R.
12. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 186 for a Seven-Cell (Three Forward, Four Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-S.

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Description of Type Design Change : (Continued)

Aircraft Flight Manual Supplements for Configurations 1-E, 1-F, 1-G, 1-H, 1-J, 1-K, 1-L, 1-M, 1-N, 1-P, 1-R, 1-S, 1-T, 1-U, 1-V, 1-W, 1-X,

13. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST01716NY-F-35 for an Eight-Cell (Three Forward, Five Aft) Auxiliary Fuel System Configuration, Rev. A, FAA approved May 27, 2015, or later FAA approved revision, is required with Configuration 1-T and 1-W.
14. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 188 for an Eight-Cell (Four Forward, Four Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-U.
15. PATS Aircraft, LLC. Airplane Flight Manual Supplement No. 189 for a Nine-Cell (Four Forward, Five Aft) Auxiliary Fuel System configuration, Rev. IR, FAA approved December 7, 2006, or later FAA approved revision, is required with Configuration 1-V.

Aircraft Flight Manual Supplements (AFMS) for Configuration 2-A, 2-B, 2-C

1. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST01716NY-F-35 for an Eight-Cell (Three Forward, Five Aft) Auxiliary Fuel System Configuration, Rev. A FAA approved May 27, 2015, or later FAA approved revision, is required with Configuration 2-A.
2. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST01716NY-F-13 for a Four-Cell (One Forward, Three Aft) Auxiliary Fuel System Configuration, Rev. IR, FAA approved November 13, 2015, or later FAA approved revision, is required with Configuration 2-B.
3. PATS Aircraft, LLC. Airplane Flight Manual Supplement AFMS-ST01716NY-F-25 for a Seven-Cell (Two Forward, Five Aft) Auxiliary Fuel System Configuration, Rev. A, FAA approved March 2, 2016, or later FAA approved revision, is required with Configuration 2-C.

Instructions for Continued Airworthiness (ICA)

All Configurations

1. PATS Aircraft, LLC. document TM-0667-ICAW revision N, dated March 07, 2016 or later FAA accepted revision, is required for Continued Airworthiness for all configurations.
2. The aircraft must be inspected in accordance with requirements in the FAA approved Airworthiness Limitations, Section 4 and 4a approved April 8, 2016 that are documented in the Maintenance Planning Data Supplement (MPDS) Number TO-1771, rev. R dated March 07, 2016 or later FAA accepted revision.
3. This STC does not require revised Electrical Wiring Interconnection System (EWIS) Instructions for Continued Airworthiness (ICA).

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).



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number: ST01716NY

Effective Date: April 8, 2016

Limitations and Conditions : (Continued)

- 3. The installation of the auxiliary fuel tank system, installed per this supplemental type certificate, has been evaluated in accordance with AC 120-42B. This installation has no adverse effect on the previously approved ETOPS capability of the type-certificated aircraft.
- 4. The "PATS Aircraft LLC." Smoke Detection and Fire Suppression "STC ST00405LA-D" must be installed in aircraft

Certification Basis:

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for the Boeing Model 737-700 (IGW) aircraft with a PATS Aircraft Auxiliary Fuel System is as follows.

14CFR Part 25 regulations

- a. The type certification basis for Boeing Model 737-700 (IGW) is shown on TCDS 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 application May 29, 1997 is based upon Part 25 as amended through Amendment 25-77, with exception as noted in TCDS A16WE.

(1) Regulations at the amendment level in TCDS A16WE: 14 CFR:

25.27, 25.29, 25.301, 25.303, 25.305, 25.307, 25.341, 25.365, 25.561, 25.571, 25.581, 25.601, 25.603, 25.605, 25.607, 25.609, 25.611, 25.613, 25.619, 25.623, 25.625, 25.671, 25.685, 25.831, 25.851, 25.855, 25.857, 25.858, 25.863, 25.901, 25.903, 25.951, 25.952, 25.953, 25.954, 25.955, 25.957, 25.959, 25.963, 25.965, 25.967, 25.969, 25.971, 25.973, 25.975, 25.977, 25.979, 25.981, 25.993, 25.994, 25.995, 25.997, 25.999, 25.1011, 25.1183, 25.1185, 25.1301, 25.1305, 25.1309, 25.1316, 25.1321, 25.1322, 25.1337, 25.1351, 25.1353, 25.1355, 13.1357, 25.1363, 25.1381, 25.1431, 25.1501, 25.1519, 25.1529, 25.1541, 25.1543, 25.1553, 25.1555, 25.1557, 25.1581, 25.1583, 25.1585, 25.1587.

- c. The following Sections of Part 25 were complying with Amendments Levels greater than those listed on the TCDS:

25.561	Amdt 25-64
25.571	Amdt 25-86
25.855	Amdt 25-93
25.857	Amdt 25-93*
25.981	Amdt 25-125*
25.1353	Amdt 25-113

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).



United States of America
Department of Transportation
Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)
Number: ST01716NY

Effective Date: April 8, 2016

Certification Basis:(Continued)

14CFR Part 26 regulations

- a. Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For future 14 CFR 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 14 CFR§

26.11	Amdt 26-0*
26.35	Amdt 26-3*
26.47	Amdt 26-1*

*=Latest Amendment

...End...

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).
