

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST02935NY

This certificate issued to Quiet Wing Technologies, Inc.
12324 134th Court NE
Redmond, WA 98052

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: A2NM
Make: Boeing
Model: 757-2J4 Serial Number 25220

Description of Type Design Change:

- Modification of PATS Aircraft, LLC Auxiliary Fuel Tank System to be in compliance to SFAR 88 requirements for Boeing 757-200 Series airplane in accordance with Master Drawing List QWT757901, Rev C, dated February 11, 2011.
- The aircraft must be maintained in accordance with Instruction for Continued Airworthiness QWT757921 Rev B, dated January 3, 2011.
- Quiet Wing Technologies, Inc. Airplane Flight Manual Supplement QWT757901-2J4, Revision Original, FAA approved March 9, 2011, is also required for this modification.

Limitations and Conditions:

- The FAA approved Airworthiness Limitations in Section 2 of Instruction for Continued Airworthiness QWT757921 Rev B, dated January 3, 2011 is mandatory.
- Installation of this Supplemental Type Certificate provides an Alternate Method of Compliance (AMOC) to Airworthiness Directive AD 2008-22-01.
- You cannot use the descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Boeing model 757-2J4, serial number 25220 only, with STC SA979NE installed.

(See Continuation Sheet 2 of 3)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: October 15, 2008

Date reissued: November 8, 2011

Date of issuance: March 9, 2011


Date amended:



By direction of the Administrator

Francis Perin

(Signature)

Anthony Gallo
Acting Manager 
New York Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Supplemental Type Certificate
(Continuation Sheet)

Number ST02935NY

Date of Reissue: November 8, 2011

Certification Basis: (Continued)

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 these modifications is as follows:

- a. The type certification basis for Boeing Model 757-200 Series series airplanes is shown in TCDS A2NM for parts not changed or affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, October 15, 2008 is based upon 14 CFR § 25 requirements effective February 1, 1965 with the following exceptions:

25.301(a)(b)(c) Amdt 25-23
25.303 Amdt 25-23
25.305(a)(b) Amdt 25-86
25.307(a) Amdt 25-72
25.561(a)(b)(c) Amdt 25-91
25.571(a)(b) Amdt 25-45
25.581(b) Amdt 25-23
25.601 Orig.
25.603 Amdt 25-46
25.605 Amdt 25-46
25.607 Amdt 25-23
25.609 Orig.
25.611 Amdt 25-23
25.613 Amdt 25-112
25.625 Amdt 25-72
25.729(f) Amdt 25-75
25.863 Amdt 25-46
25.901 Amdt 25-46
25.954 Amdt 25-14
25.979 Amdt 25-72
25.981 (a)(b) Amdt 25-102
25.1301(a)(b)(c)(d) Orig
25.1305(a)(2) Amdt 25-38
25.1307(c) Amdt 25-72
25.1309(a)(b)(c)(d)(e)(f)(g), Amdt 25-41
25.1316(a)(b)(c) Amdt 25-80
25.1317 Amdt 25-122
25.1337(b) Amdt 25-40
25.1351 (a) Amdt 25-72
25.1353(a)(b) Amdt 25-42
25.1357 Orig
25.1431 Orig
25.1519 Orig

(See Continuation Sheet 3 of 3)

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Supplemental Type Certificate
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Date of Reissue: November 8, 2011

Certification Basis: (Continued)

25.1529 & Appendix H - Amdt 25-54
25.1533 Amdt 25-92
25.1543 Amdt 25-72
25.1549 Amdt 25-40
25.1553 Orig
25.1583(a)(b)(c)(h) Amdt 25-105
25.1585 Amdt 25-105
14CFR 21 SFAR88 Amdt 21-83

Part 26 regulations

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

14 CFR 26.11(a)(c)(d5), Amdt 26-0
14 CFR 26.47(a)(c)(d)(e), Amdt 26-1

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