

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

Number SA979NE

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 therefor as specified herein meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product -- Type Certificate Number: A2NM
Make: The Boeing Company
Model: 757 -200 Series (Without over wing doors)

Description of Type Design Change:

Configuration A: Installation of 5,520 gallon, tank auxiliary fuel system in the forward and aft cargo compartment in accordance with PATS, Inc. Master Drawing List No. 500-1-000, Rev. G, dated June 5, 1992.

Configuration B: Installation of 2-722 gallon, tank auxiliary fuel system in the aft cargo compartment in accordance with PATS, Inc. Master Drawing List No. 500-1-001 Rev. B, dated October 27, 1992.

(See Continuation Sheet 2 through 4)

Limitations and Conditions:

Configuration A:

1. This modification is eligible only on airplane Serial Number 24923, Registration Number N680FM.
2. PATS, Inc., Flight Manual Supplement No. 1, Rev. A, FAA approved June 26, 1992, is required with this installation.

(See Continuation Sheet 2 through 4)

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: January 10, 1992

Date reissued: November 30, 1994, March 1, 2004,
July 20, 2004

Date of issuance: June 11, 1992

Date amended: June 26, 1992, November 24, 1992,
December 30, 1994, December 21, 1995, December 10, 1997,
March 30, 1999, July 29, 2002, March 1, 2004, March 20, 2007



By direction of the Administrator

(Signature)

Anthony Socias
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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Date of Amendment: March 20, 2007

Description of Type Design Change (Continued).

Configuration C: Installation of a 5,160 gallon, tank auxiliary fuel system, consisting of 4-566 gallon interconnected fuel tanks in the forward cargo compartment and 4-724 gallon interconnected fuel tanks in the aft cargo compartment in accordance with PATS Master Drawing List No. 500-1-002, Rev. H, dated December 1, 1994, Supplemented by ADCN No. 10, dated December 6, 1994.

Configuration D: Installation of a 5,160 gallon Auxiliary Fuel System, consisting of 4-566 gallon interconnected fuel tanks in the forward cargo compartment and 4-724 gallon interconnected fuel tanks in the aft cargo compartment in accordance with PATS, Inc. Master Drawing List No. 500-1-002, Rev. K dated December 20, 1995.

Configuration E: Installation of a four-tank auxiliary fuel system, consisting of 4-724 gallon interconnected fuel tanks in the aft cargo compartment in accordance with PATS, Inc., Master Drawing List No. 500-1-003, Revision D dated December 3, 1997.

Configuration F: Installation of 4-tank auxiliary fuel system in forward and aft lower cargo compartments (2 fwd and 2 aft). The installation shall be in accordance with PATS, Inc. Master Drawing List No. MDL-500-1-005. Rev. C dated March 9, 1999.

Configuration G: Installation of two 722 gallon Auxiliary Fuel Tanks in the aft cargo compartment in accordance with PATS, Inc. Master Drawing List No. 500-1-001, Rev. C, dated August 27, 1993 and PATS, Inc. Service Bulletin SA979NE-18 dated May 23, 2001.

Configuration H: Auxiliary fuel system support structure upgrade, cargo barrier bulkhead modification, auxiliary fuel system deactivation, and reduction in allowable aft cargo load of Configuration F in accordance with PATS Aircraft Service Bulletin SB_SA979NE-20_B, dated February 20, 2004, and PATS Aircraft Service Bulletin SB_SA979NE-21_A, dated January 8, 2004.

Configuration J: Alternate Methods of Compliance to AD 2006-13-17 and installation of a 5,160 gallon Auxiliary Fuel System, consisting of 4-566 gallon interconnected fuel tanks in the forward cargo compartment and 4-724 gallon interconnected fuel tanks in the aft cargo compartment in accordance with PATS, Inc. Master Drawing List No. 500-1-002, Rev. K dated December 20, 1995 and installation of structural modification in accordance with PATS Aircraft, LLC. Master Drawing List 5987-0001-MDL, Rev. B, dated February 27, 2007.

Limitations and Conditions (Continued).

3. Cabin floor loading shall be in accordance with PATS, Inc. Flight Manual Supplement No. 1, Rev. A.
4. PATS, Inc. Aircraft Maintenance Manual Supplement, Report No. TO-256, Rev. C, is required for Continued Airworthiness of this installation.

Configuration B:

5. PATS, Inc. Flight Manual Supplement No. 2, FAA approved November 24, 1992, is required with this installation.
6. Cabin and aft cargo compartment floor loading shall be in accordance with PATS, Inc. Flight Manual Supplement No. 2.
7. PATS, Inc. Aircraft Maintenance Manual Supplement No. 2, Report No. TO-271, Revision 1, is required for Continued Airworthiness of this installation.

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Limitations and Conditions (Continued).

Configuration C:

8. PATS, Inc. Flight Manual Supplement No. 3, FAA Approved December 12, 1994, is required with this installation.
9. PATS, Inc. Aircraft Maintenance Manual Supplement No. 3, Rev. 1 Report No. TO-391, dated December 21, 1995 is required for Continued Airworthiness of this installation.

Configuration D:

10. PATS, Inc. Flight Manual Supplement No. 3 FAA approved December 21, 1995 is required with this installation.
11. PATS, Inc. Aircraft Maintenance Manual Supplement No. 3, Report No. TO-391 Rev. 1 dated December 21, 1995 is required for Continued Airworthiness of this installation.

Configuration E:

12. PATS, Inc. Flight Manual Supplement No. 4, FAA approved December 10, 1997 is required with this installation.
13. PATS, Inc. Aircraft Maintenance Manual Supplement, Report No. TO-611, dated April 21, 1997 is required for Continued Airworthiness of this installation.

Configuration F:

14. This modification is eligible only on airplane S/Ns 29025, 29026, 29027, and 29028.
15. PATS, Inc. Flight Manual Supplement No. 5, dated March 30, 1999 is required for this installation.
16. Cabin and cargo compartment floor loading shall be in accordance with PATS Inc. Flight Manual Supplement No. 5.
17. PATS, Inc. Aircraft Maintenance Manual Supplement, Report No. TO-795 is required for Continued Airworthiness of this installation.

Configuration G:

18. PATS, Inc. Flight manual Supplement No. 2, Rev. A, FAA approved July 29, 2002, is required for this installation.
19. Cabin and aft cargo compartment floor loading shall be in accordance with PATS, Inc. Flight Manual Supplement No. 2, Rev. A.
20. PATS, Inc. Aircraft Maintenance Manual Supplement No. 2, Report No. TO-271, Revision 1, is required for Continued Airworthiness of this installation.

Configuration H:

21. This modification is eligible only on airplane S/Ns 29025, 29026, 29027, and 29028.
22. PATS, Inc. Aircraft Maintenance Manual Supplement, Report No. TO-795 is required for Continued Airworthiness of this installation.

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Limitations and Conditions (Continued).

Configuration J:

23. This modification is eligible only on aircraft S/N 25220 only.
24. PATS Aircraft, LLC Flight Manual Supplement No. FMS-201, FAA approved March 19, 2007 is required with this installation.
25. Forward and aft cargo compartment floor loading limitations are in Flight Manual Supplement FMS-201, Section 1 Certificate Limitations.
26. Maximum fuel loading is in Flight Manual Supplement FMS-201, Section 1 Certificate Limitations.

Configurations A, B, C, D, E, F, G, H and J:

27. The STC is limited to 757's without over wing exit doors.
28. The Installer must determine whether this design change is compatible with previously approved modifications.
29. 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.

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