

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

Number ST03104NY

This certificate issued to BaySys Technologies, LLC
18321 Parkway
Melfa, VA 23410

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: T00001SE

Make: Boeing

Model: 777-236

Description of Type Design Change:

1. Installation of a VIP interior and Rockwell Collins Intermediate Gain Antenna in accordance with BaySys Technologies, LLC Master Data List Document Number 8143-MDL, Revision F, dated May 22, 2012 and Engineering Change Order F01, dated May 27, 2012.
2. The following BaySys Technologies, LLC documents are required for this installation:
 - a. Airplane Flight Manual Supplement, document number 8143-AFMS Revision IR, FAA approved June 4, 2012.
 - b. Instructions for Continued Airworthiness, document number 8143-ICA Revision B, dated November 4, 2011.
 - c. Instructions for Continued Airworthiness for Electrical Wiring Interconnection Systems, document number 8143-ICA-EWIS Revision B, dated July 23, 2010.

Limitations and Conditions:

1. Maximum passenger seating capacity is limited per the Airplane Flight Manual Supplement, document number 8143-AFMS Revision IR.
2. The FAA approved Airworthiness Limitations in Chapter 3 of Instructions for Continued Airworthiness, document number 8143-ICA Revision B, dated November 4, 2011, is mandatory.

(See Continuation Sheet 2)

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: September 7, 2007

Date reissued:

Date of issuance: June 4, 2012

Date amended:



By direction of the Administrator

(Signature)

Gaetano Sciortino
Acting Manager
New York Aircraft Certification Office

(Title)

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(Continuation Sheet)

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Date of Issuance: June 4, 2012

Limitations and Conditions: (Continued)

3. The utilization of aircraft configured with this STC is limited to "private use, not-for-hire or not-for-common-carriage."
4. You cannot use descriptive data about this design change to duplicate other products. This approval is limited to only the installation made in Boeing Model 777-236, Serial No. 27108. This STC does not permit manufacturing of parts for multiple installations.
5. Equipment identified in BaySys Technologies, LLC "COTS Equipment Report", Document Number 8143-ED-1039 Revision C, dated November 3, 2011, are not eligible for PMA.

Certification Basis

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing Model 777-236 is as follows:

- a. The type certification basis for Boeing Model 777-236 airplane is shown on TCDS T00001SE for parts **not changed or not affected** by the change.
- b. Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification for parts **changed or affected** was determined to be TCDS T00001SE except for:

§ 25.856 as amended by Amendment 25-111
§ 25.981 as amended by Amendment 25-102
§ 25.1535 as amended by Amendment 25-120

- c. Exemption No. 9741, dated August 11, 2008, has been partially granted from:

§ 25.785(b) as amended by Amendment 25-72
§ 25.785(h)(2) as amended by Amendment 25-72
§ 25.785(j) as amended by Amendment 25-72
§ 25.807(d)(7) as amended by Amendment 25-72
§ 25.813(e) as amended by Amendment 25-72
§ 25.853(c) as amended by Amendment 25-72

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