

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

*Number* ST02899NY-D

Reissued on February 28, 2013 to supersede the original STC, which has been lost or misplaced.

*This certificate issued to* Delta Engineering  
13 DRBA Way  
New Castle County Airport  
New Castle, Delaware 19720

*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:* A20WE

*Make:* Boeing

*Model:* 747-400 Series

*Description of Type Design Change:*

Update of AIM Isolation Switch Panel in accordance with Delta Engineering Master Data List 0107-07969-2291 Revision – dated May 30, 2012 or later FAA approved revisions to Delta Engineering Master Data List previously listed. The instructions for Continued Airworthiness and Airplane Flight Manual Supplement as listed on the Master Data List, is required with this installation.

*Limitations and Conditions:*

1. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall 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, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* December 19, 2012

*Date reissued:* February 28, 2013

*Date of issuance:* July 11, 2012

*Date amended:*

*By direction of the Administrator*



(Signature)

Gaetano Sciortino  
Manager  
New York Aircraft Certification Office

(Title)

# Supplemental Type Certificate

## (Continuation Sheet)

*Number* **ST02899NY-D**

Reissued on February 28, 2013 to supersede the original STC, which has been lost or misplaced.

*Limitations and Conditions:* (Continued)

2. Compatibility of this design change with previously approved modifications must be determined by the installer.
3. This STC is based on existing AIM Isolation Switch Panel part number VAA15-001-( ) being removed and replaced by the new switch panel.

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, this STC is a non-significant change. The certification basis for un-changed or not affected areas by this STC remains un-changed by this STC and the certification basis for the Boeing 747-400 Series with this STC is as follows:

- a. FAA Alternate Means of Compliance 130S-12-42
- b. The following regulations for CFR Part 25 at later amendment than the TCDS all other regulations at certification basis defined in the TCDS:

| Section  | Title                                    | At Amendment |
|----------|--|--------------|
| §25.831  | Ventilation                              | 25-89        |
| §25.853  | Compartment interiors                    | 25-116       |
| §25.869  | Fire protection: systems                 | 25-113       |
| §25.981  | Fuel tank ignition prevention            | 25-102       |
| §25.1307 | Miscellaneous equipment                  | 25-72        |
| §25.1309 | Equipment, systems, and installations    | 25-41        |
| §25.1431 | Electronic equipment                     | 25-113       |
| §25.1529 | Instructions for Continued Airworthiness | 25-54        |
| §25.1581 | General                                  | 25-72        |
| §25.1583 | Operating limitations                    | 25-105       |
| §25.1585 | Operating procedures                     | 25-105       |

- c. CFR Part 26:

| Section | Title | At Amendment |
|---------|-------|--------------|
| §26.11  | EWIS  | 26-0         |
| §26.47  | AASR  | 26-1         |

-----END-----