

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

Number ST02226NY-D

This certificate issued to Delta Engineering
13 DRBA Way
New Castle County Airport
New Castle, DE 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:

Installation of Heath Tecna NuLook in accordance with Delta Engineering Master List 0107-05850-2112 Revision G dated April 23, 2009 or later FAA approved revisions to Delta Engineering Master Data List previously listed. The Instructions for Continued Airworthiness as listed on the Master Data List is required with this installation.

Limitations and Conditions:

1. The Installer must determine whether this design change is compatible with previously approved modifications.
2. 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
3. This modification may not be installed after August 30, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the Oversight Office (Refer to § 26.11)

(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: January 17, 2006

Date reissued: December 11, 2008

Date of issuance: May 24, 2007

Date amended: April 28, 2009



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.

Supplemental Type Certificate

(Continuation Sheet)

Number ST02226NY-D

Date of Amendment: April 28, 2009

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant change in FAA Order 8110.48, the certification basis for the Boeing 747-400 Series with this STC is as follows:

- a. The type certification basis for Boeing 747-400 Series airplanes is shown on TCDS A20WE 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, April 28, 2008 is based upon 14 CFR Part 25 as amended by Amendment 25-122. 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 was determined to be shown on the TCDS A20WE except the regulation listed below:

Section	Title	At Amendment
25.791	Passenger information signs and placards	25-72
25.803	Emergency evacuation	25-72
25.807	Emergency exits	25-114
25.811	Emergency exit marking	25-88
25.812	Emergency lighting	25-116
25.813	Emergency exit access	25-116
25.831	Ventilation	25-89
25.853	Compartment interiors	25-83
25.869	Fire protection: systems	25-113
25.981	Fuel tank ignition prevention	25-102
25.1353	Electrical equipment and installations	25-113
25.1423	Public Address System	25-79
25.1529	Instructions for Continued Airworthiness	25-54
25.1557	Misc. markings and placards	25-72
26.11	Electrical wiring interconnection systems (EWIS)	26-0

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