United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST02640NY-D

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: T00001SE
Make: Boeing
Model: 777-300 Series

Description of Type Design Change:
Installation of a Panasonic Avionics Corporation System 3000i in accordance with Delta Engineering Master Data List 0143-06439-2182 Revision A dated Jul. 12, 2009 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.
2. Compatibility of this design change with previously approved modifications must be determined by the installer.

(See Continuation Sheet 2)

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

Date of application: June 15, 2008 *Date reissued:*

Date of issuance: July 16, 2009 *Date amended:*

By direction of the Administrator

Jonathan E. Moritz *(Signature)*
DAS Administrator
Delta Engineering, DAS-800728-NE
(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 ST02640NY-D

Issuance date: July 16, 2009

Limitations and Conditions (continued):

3. The Panasonic Avionics Corporation System 3000i must interface with the following listed required existing components/systems, which must be installed in a manner acceptable to the FAA Administrator, The below listed required existing components/systems are not approved by this STC.

Required existing components/systems:

Component/System	Manufacture	Model	Additional Requirements
In-Flight Entertainment System	Panasonic	System 3000i	Installed under Boeing TC
Cabin Configuration & CMT/Monitor Provisions	JAMCO	-	FAA STC ST01880SE-D LOPA as listed on Master Data List

4. 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 FAA Oversight Office. (Refer to §26.11)

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 777-300 Series aircraft with this STC is as follows:

a. The type certification basis for Boeing 777-300 Series airplanes is shown on TCDS T00001SE 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, Jun. 15, 2008 is based upon 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 as shown on the TCDS T00001SE except the regulations listed below:

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
25.1353	Electrical equipment and installations	25-113
25.1423	Public address system	25-115
25.1431	Electronic equipment	25-113
25.1583	Operating limitations	25-105
25.1585	Operating procedures	25-105
26.11	EWIS	26-0
26.47	Aging Aircraft Safety Rule	26-1

----------END----------