United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST02229NY-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 therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product — Type Certificate Number: See Attached Approved Model List (AML)
Make: Number ST02229NY-D for list of approved
Model: aircraft and applicable airworthiness regulations.

Description of Type Design Change:
Replacement of Panasonic Avionics Corporation In-Flight Entertainment System -32 Cabin Management Terminal (CMT) upgrade in accordance with Delta Engineering Master Data List 0100-05589-2091 Revision - dated June 28, 2007 or later DAS Approved.

Limitations and Conditions:

1. For Continued Airworthiness procedures follow the current maintenance manuals.
2. 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 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: October 21, 2005
Date reissued:

Date of issuance: June 28, 2007
Date amended:

By direction of the Administrator

John A. 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.

This certificate may be transferred in accordance with FAR 21.47

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Supplemental Type Certificate

(Continuation Sheet)

Number ST02229NY-D

Date of issuance: June 28, 2007

Limitations and Conditions (continued):

3. Compatibility of this design change with previously approved modifications must be determined by the installer.

Certification Basis:

See Attached Approved Model List (AML) Number ST02229NY-D for list of approved aircraft and applicable airworthiness regulations.

==========END==========

Any Alteration of this certificate is punishable by a fine of not exceeding $1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47

FAA Approved Model List (AML)

Panasonic Avionics Corporation
In-Flight Entertainment System
-32 Cabin Management Terminal (CMT) Upgrade

Issue Date: June 28, 2007
Revision: -

Aircraft Make	Aircraft Model	Type Certificate Number	Certification Basis *Based on Title 14 CFR §§ 21.115 and 21.101, the certification basis for the aircraft with the Panasonic CMT is as shown on the TCDS except the following*			Required Approved Data List	AML Revision
			Section	**Title**	**Amendment Level**		
Boeing	777-200 Series	T00001SE	25.831	Ventilation	25-89	0100-05589-2091 Rev -	-
			25.1353	Electrical equipment and installations	25-113		
			25.1431	Electronic Equipment	25-113		
Boeing	777-300 Series	T00001SE	25.831	Ventilation	25-89	0100-05589-2091 Rev -	-
			25.1353	Electrical equipment and installations	25-113		
			25.1431	Electronic Equipment	25-113		

Log of Revisions

Revision	Pages	Description	FAA Approved	Date
-	1 – 1	Original Release	John A. Moritz DAS Administrator DAS-800728-NE	June 28, 2007