



United States of America
 Department of Transportation
 Federal Aviation Administration
Supplemental Type Certificate
 Number ST03178NY

This certificate, issued to: Delta Engineering Corporation
 13 DRBA Way
 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: T00001SE	Make: Boeing	Model: 777-200 Series and 777-300ER Series
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Description of Type Design Change:
 Installation of a Panasonic eX2 In-Flight Entertainment System in accordance with Delta Engineering Master Data List 0143-08468-2348 Revision G dated Oct. 30, 2014 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 3)

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

Date of Application:	February 6, 2013	Date reissued:	
Date of issuance:	October 25, 2013	Date amended:	June 6, 2014, September 24, 2014, October 31, 2014

By direction of the Administrator

<i>Signature:</i>	
<i>Title:</i>	Jonathan E. Moritz ODA Administrator ODA-800728-NE

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 or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification Office of the transfer of this Supplement Type Certificate. The FAA will reissue the certificate in the name of the transferee and forward it to him.

Transfer Endorsement

Transfer the ownership of Supplement Type Certificate Number:

To (Name and address of transferee):

From (Name and address of grantor):

Extent of Authority (if licensing agreement):

Date of transfer:

Signature of grantor: _____

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(Continuation Sheet)
Number ST03178NY
Date October 31, 2014

Limitations and Conditions:

3. Configuration TL10715 requires Boeing Service Bulletin 777-53-0071 and Air France Industries Service Bulletin AFSB-B777-12-006-25-001.
4. Configuration TL10730 requires Air France Service Bulletin AFSB-B777-12-013-25-001.
5. Configuration TL10744 requires Air France Service Bulletin AFSB-B777-12-012-25-001.
6. Configuration TL10758 requires FSI STC ST02412SE (Cabin monitors and JAMCO lavatory monitor)
7. This FAA STC includes activation of existing installed In-Flight Entertainment equipment installed in a configuration presented in Delta Engineering Master Data List detailed on page 1 of this STC. Reference the type design for location and part numbers of the In-Flight Entertainment equipment activated by this STC.

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 this STC is as follows:

- a. FAA Alternate Means of Compliance 140S-14-89
- 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
§25.853	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

- c. CFR Part 26:
 - a. The design change does not impact existing Electrical Wiring Interconnect System Source Document.

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

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