

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

*Number* ST02642NY-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:* A46NM  
*Make:* Airbus  
*Model:* A330-200 Series

*Description of Type Design Change:*

Update of a Panasonic System 2000E In-Flight Passenger Entertainment System to a System 2000E Hybrid in accordance with Delta Engineering Master Data List 0154-06517-2198 Revision A dated Aug. 1, 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. 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.
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 FAA 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.*

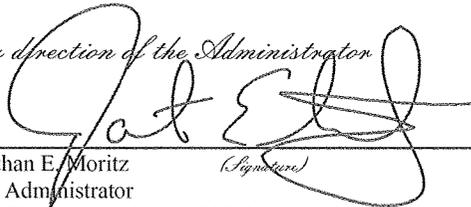
*Date of application:* February 12, 2009

*Date reissued:*

*Date of issuance:* July 13, 2009

*Date amended:* August 3, 2009



*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.*

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 (Continuation Sheet)

*Number* ST02642NY-D

Amendment Date: August 3, 2009

*Limitations and Conditions (continued):*

4. The Panasonic System 2000E Hybrid 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 2000E	-
Passenger Seating Update	AIM	-	Service Bulletin AIM A330-25-008

*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 Airbus A330-200 Series with this STC is as follows:

- a. The type certification basis for A330-200 Series airplanes is shown on TCDS A46NM 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, Feb. 12, 2009 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 A46NM 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 temperature	25-102
§25.1307	Miscellaneous equipment	25-72
§25.1351	General	25-72
§25.1353	Electrical equipment and installations	25-113
§25.1423	Public address system	25-115
§25.1431	Electronic equipment	25-113
§25.1557	Miscellaneous markings and placards	25-72
§26.11	EWIS	26-0
§26.47	Aging Aircraft Safety Rule	26-1

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