

Supplemental Type Certificate

Number SA1938NW-D

This Certificate issued to United Air Lines, Inc.
600 Jefferson Street
Houston, Texas 77002

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. (See Type Certificate Data Sheet A20WE for special conditions.)

Original Product Type Certificate Number : A20WE

Make: Boeing
Model: 747-100 Series

Description of Type Design Change: Replaces existing wiring in the sailboat upper and lower pylon areas with high strength, nickel-plated, Teflon insulated wire and adds electrical disconnects in the leading edge ribs just inboard of each pylon in accordance with DAS-1-WE Approved United Air Lines Drawing List No. 1938 dated April 1, 1988, or later FAA approved revisions.

Limitations and Conditions: The approval of this change in type design applies basically to 747-100 Series only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage. A copy of this STC must be included in the permanent records of the modified aircraft. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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 : November 7, 1983

Date reissued : November 30, 2011

Date of issuance : December 19, 1983

Date amended : April 1, 1988



By direction of the Administrator

(Signature)

Haifa Haj-Eid
Supervisor, Technical & Administrative Support Staff
Los Angeles Aircraft Certification Office

(Title)

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental 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 Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____
(Number and street)

(City, State, and ZIP Code)

from *(Name of grantor) (Print or type)* _____

(Address of grantor) _____
(Number and street)

(City, State, and ZIP Code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____

★U.S. GPO 1987-763-28

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