

Supplemental Type Certificate

Number SA2823WE-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 dated December 31, 1953.

Original Product Type Certificate Number : A20WE

Make : Boeing

Model : 747-122, 747-121, 747-238B, 747-SP-21

Description of Type Design Change: Installation of equipment required to conduct NASA/United Air Lines Global Air Sampling Program. Equipment installed according to COA 8-1540 and Master Drawing List dated January 8, 1975 or later FAA approved revision.

Limitations and Conditions: This approval is limited to 747 model airplanes as listed above. This approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated unless it is determined that the inter-relationship between this change and any other previously approved modifications will introduce no adverse effect on the airworthiness of that airplane. 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: June 7, 1974

Date reissued: November 30, 2011

Date of issuance: December 10, 1974

Date amended: November 25, 1975, April 6, 1976



By direction of the Administrator

(Signature)

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

(Title)

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

NOTE:

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