

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

*Number* SA2702NM-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 A22WE for special conditions.)*

*Original Product Type Certificate Number:* A22WE

*Make:* Boeing

*Model:* DC-10-10

*Description of Type Design Change:* Installation and operation of a Sperry Flight Management System in accordance with United Air Lines DAS-1-WE Approved Drawing List No. 2702 dated May 24, 1985 and United Air Lines AFM Supplement dated May 24, 1985 to FAA Approved Flight Manual MDC-J1010, or later FAA approved revisions.

*Limitations and Conditions:* This certification requires STC No. SA1142NW-D as a prerequisite. This approval does not extend to other aircraft of this model on which other modifications are incorporated unless it is determined that the interrelationship between this change and any previously approved modification will introduce no adverse effect on the airworthiness of these aircraft. Refer to AFM Supplement for further limitations. 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 5, 1982

*Date reissued:* November 30, 2011

*Date of issuance:* May 24, 1985

*Date amended:* January 25, 1988



*By direction of the Administrator*

(Signature)

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

(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)

NOTE:

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