

# Supplemental Type Certificate

*Number* SA2753NM-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*

*Original Product Type Certificate Number :* A20WE

*Make :* The Boeing Company

*Model :* 747-100 Series

*Description of Type Design Change:* Add 12 coach seats in E-Zone, reducing the seat pitch from 34 to 31 inches throughout most of the Zone, and 6 coach seats in C & D Zones, reducing the seat pitch from 34 to 31 inches in the outboard rows. PSU's are repitched as required. These installations will be done according to United Airlines DAS-1-WE Approved Master Drawing List #2753, dated July 3, 1989, or later FAA approved revisions.

*Limitations and Conditions:* 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 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. If the holder agrees to permit another person to use this certificate 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 19, 1989

*Date reissued:* November 30, 2011

*Date of issuance:* July 3, 1989

*Date amended:*



*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.

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

NOTE:

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