

# Supplemental Type Certificate

*Number* SA1105WE

*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 4b of the Civil Air Regulations*

*Original Product Type Certificate Number:* A3WE

*Make:* Boeing

*Model:* B727-22

*Description of Type Design Change:* Installation of dual Collins AL-101 Radio Altimeter Systems in accordance with FAA Approved United Air Lines Report No. F-1047, or later FAA approved revisions.

*Limitations and Conditions:* The approval of this change in the type design applies basically to Boeing Model 727 aircraft. 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 interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. This approval is for a single radio altimeter system with dual indicators or a dual radio altimeter system each with an MDA light located on the horizon indicator. The installation has been shown to be free of radio interference. Compatibility has been confirmed. The limitations on flight operations are included in the approved Supplementary Airplane Flight Manual revision of November 4, 1965. 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:* September 10, 1965

*Date reissued:* November 30, 2011

*Date of issuance:* November 4, 1965

*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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