

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

*Number* SA2618WE

*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.*  
(See Type Certificate Data Sheet A3WE.)

*Original Product Type Certificate Number:* A3WE

*Make:* Boeing

*Model:* 727-277, S/N 20548 only

*Description of Type Design Change:* Installation of equipment, in accordance with United Air Lines Engineering Release COA No. 7-2331 dated December 1, 1972, to provide vertical guidance to the flight director and SP-50 autopilot to conduct two-segment approaches. FAA Approved AFM Supplement dated December 13, 1972 is required.

*Limitations and Conditions:* The approval of this type design applies to Boeing model 727-277 airplane, S/N 20548 only.

*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 12, 1972

*Date reissued:* November 30, 2011

*Date of issuance:* December 13, 1972

*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:

DO NOT DELETE THIS PAGE.

DO NOT ADD ANY DATA TO THIS PAGE.

THIS PAGE IS FOR PAGE NUMBERING PURPOSES,  
PLEASE DISCARD PRINTED COPY.

---

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