

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

*Number* SA2003NM

*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. \*Certification basis is set forth on Type Certificate Data Sheet A3WE.*

*Original Product Type Certificate Number :* A3WE

*Make:* Boeing

*Model:* 727-200 Series

*Description of Type Design Change:* Installation of an engine power trim system in accordance with FAA Approved United Airlines Report F-1953, Revision B, dated July 15, 1983, or later FAA approved revisions. United Air Lines FAA Approved Airplane Flight Manual Supplement B727-200 dated September 13, 1983, or later FAA approved revisions is required for this installation.

*Limitations and Conditions:* The approval of this change in type design applies to the above listed models only. 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 other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. 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. Refer to continuation sheet page 3.

*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 17, 1981

*Date reissued :* November 30, 2011

*Date of issuance :* September 13, 1983

*Date amended :* September 19, 1983

*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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_  
*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP Code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

★U.S. GPO 1987-763-28

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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.*

# Supplemental Type Certificate

(Continuation Sheet)

*Number* SA2003NM

*Limitations and Conditions: (Continued)*

The following limitations and conditions apply:

- 1) The engine power trim system is not to be engaged during takeoff, descent, final approach or go-around. EPR values displayed while in either the Maximum Continuous or Takeoff mode are advisory only and are not to be used in lieu of AFM charted values.
- 2) The engine power trim system is approved for use with Pratt & Whitney model JT8D-15 engines only, unless FAA approval is indicated for other engine models.
- 3) The safe life limit of the P/N 2022790-1 and -2 engine power trim system gear box is limited to 25,000 hours. Extension of this limit may be accomplished by FAA approved data only.

**-END-**