

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

*Number* SA3350WE-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 4b of the Civil Air Regulations*

*Original Product Type Certificate Number:* A3WE

*Make:* Boeing

*Model:* 727-22, -22C, -222

*Description of Type Design Change:* The air data system is revised in accordance with United Air Lines, DAS-1-WE Approved Drawing List No. 3350 dated July 20, 1979, or later FAA approved revisions to the following configuration:

1. The Captain's and First Officer's altimeters are Harowe P/N 2050 Series electric indicators.
2. The No. 1 air data computer is a Honeywell P/N HG180U-742 (727-222 only) or a United Air Lines P/N 9F-9058-505 (727-22, -22C only).
3. The No. 2 air data computer is a Harowe P/N 4019-1, -2, or -5. On the 727-222 only, a Honeywell HG180OU-742, HG180V2-9F9058-506, HG180V1-9F9057-504.

*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 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.

*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:* August 23, 1977

*Date reissued:* November 30, 2011

*Date of issuance:* October 27, 1977

*Date amended:* March 13, 1978, July 20, 1979,  
December 1, 1980



*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.*

# Supplemental Type Certificate

(Continuation Sheet)

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*Description of Type Design Change Continued:*

4. HG180R23-6F14735-501 air data computer may be installed.
5. A standby pneumatic indicator Kollsman P/N 3549 Series or P/N 3811 Series is installed.

United Air Lines FAA Approved Airplane Flight Manual Supplement to Boeing Flight Manual Document No. D6-8727 dated February 15, 1978 or to Boeing Flight Manual Document No. D6-8728 dated October 1, 1977 or later FAA approved revision is required as part of this installation.

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