

Department of Transportation — Federal Aviation Administration

Supplemental Type Certificate

Certificate  
**SURRENDERED**  
on 6-26-2009

Number SA1926WE

*This certificate, issued to*

United Air Lines, Inc.  
San Francisco International Airport  
San Francisco, California 94128

*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:* 4A25

*Make:* McDonnell Douglas

*Model:* DC-8-61 and DC-8-62

*Description of Type Design Change:* (Dual installation of the A.C. Electronics Carousel IV, INS units in the Model DC-8-61 in accordance with Item 1 below and in the Model DC-8-62 in accordance with Items 2 or 3 below):

1. Sealed Appendix "C" of UAL Report #F-1366 and the UAL Supplement to the McDonnell Douglas Model DC-8-61, FAA Approved AFM DAC-33161 dated 27 May 1969.
2. Sealed Appendix "A" of UAL Report #F-1384 and the UAL Supplement to the McDonnell Douglas Model DC-8-62, FAA Approved AFM DAC-33162 dated 21 July 1969.
3. Sealed Appendix "A" of UAL Report #F-1384 modified by UAL's sealed COA 2-3498 ER #20 and the UAL Supplement to the McDonnell Douglas Model DC-8-62, FAA approved AFM DAC-33162 dated 16 JAN 1970

*Limitations and Conditions:* For cases 1 and 2 above the INS does not adversely affect other systems but cooling requirements prevent navigation solely being predicated on INS. Placards saying "INS NOT APPROVED FOR NAVIGATION" must be displayed below the CDU head. 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 airplane.

*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:* 10 April 1969

*Date reissued:*

*Date of issuance:* 27 May 1969

*Date amended:* 21 July 1969 16 JAN 1970



*By direction of the Administrator*

*Road Tappes*  
(Signature)

*Acting* Chief, Aircraft Engineering Division  
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.