

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

*Number* SA1034WE

*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:* 4A25

*Make:* Boeing

*Model:* DC-8-21, 31, 32, 33, 51, 52, 53 and DC-8F-54 and DC-8F-55

*Description of Type Design Change:* Installation control and annunciation circuitry to implement Flight Director "Go-Around" command modes in accordance with the UAL FAA approved drawing list dated August 11, 1965, revised August 16, 1965. UAL FAA approved Airplane Flight Manual Supplementary Log of pages as listed.

<u>Type</u>	<u>Manual</u>	<u>Approved Dated</u>	<u>Appendix</u>
DC-8-21, 31, 32, 33	SM 23889	1-19-60, 3-60, 2-1-60 and 11-28-60 respectively	V
DC-8-51, 52, 53	LB 30582	10-10-61, 4-28-61 and 4-28-61 resp.	VII
DC-8-51, 52, 53	LB 30757	1-26-62	IV
DC-8F-54, 55	LB 31180	1-29-63, 6-19-64 respectively	IV

*Limitations and Conditions:* The approval of this change in type design applies basically to the Douglas DC-8-21, 31, 32, 33, 51, 52, 53 and DC-8F-54, 55 aircraft 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 that the interrelationship between this change and any of those 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:* July 28, 1965

*Date reissued:* November 30, 2011

*Date of issuance:* August 19, 1965

*Date amended:* Revised September 14, 1965;  
September 18, 1965; August 9, 1966;  
April 1, 1968



*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.

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(Continuation Sheet)

NOTE:

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