

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

*Number* ST01928AT-D

*This certificate, issued to*

Rockwell Collins, Inc.  
400 Collins Road NE, MS 164-100  
Cedar Rapids, IA 52498

*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 25 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* A6WE

*Make:* Boeing

*Model:* DC-9-82 (MD-82)  
DC-9-83 (MD-83)  
MD-90-30

*Description of Type Design Change:* Installation of Rockwell Collins, Inc. Aircraft Communications and Report Systems (ACARS) in accordance with:

(1) Master Data List 99T026L001, Revision N, dated October 4, 2012, or later FAA Approved revision.

*Limitations and Conditions:*

- (1) Approval of this change in type design applies to the above model aircraft only;
- (2) Compatibility of this design change with previously approved modifications must be determined by the installer;
- (3) A copy of this Certificate must be maintained as part of the permanent records for the modified aircraft;
- (4) 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:* May 24, 1999

*Date reissued:* June 12, 2002

*Date of issuance:* November 11, 1999

*Date amended:* 11/22/99, 7/18/01, 10/05/12



*By direction of the Administrator*

(Signature)

Steven P. Brune

STC ODA Administrator, ODA-500864-CE

(Title)

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# Supplemental Type Certificate

## (Continuation Sheet)

*Number* ST01928AT-D

October 5, 2012

*Certification Basis:*

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing DC-9-82 (MD-82), DC-9-83 (MD-83), and MD-90-30 is as follows:

- (1) The type certification basis for the Boeing DC-9-82 (MD-82), DC-9-83 (MD-83), and MD-90-30 is shown on TCDS A6WE for parts not changed or not affected by the change.
- (2) The certification basis for parts changed or affected by this change since the reference date of application, May 24, 1999, is as follows:

**For Boeing DC-9-82 (MD-82) and DC-9-83 (MD-83)**

Civil Air Regulations (CAR)		Civil Air Regulations (CAR)	
4b.600	all	4b.621	all
4b.601	all	4b.624	all
4b.605	(d)	4b.625	(b)
4b.606	(a)	4b.650	(a)(c)

- (3) After the initial certification basis of the MD-82 and MD-83 for parts changed or affected by this change since the reference date amended, October 5, 2012, is as follows:

**For Boeing MD-90-30**

14 CFR Part		Amend.	14 CFR Part		Amend.
25.301	(a)	23	25.1353	(a)(c)	123
25.303	all	23	25.1357	(a)	123
25.581	all	23	25.1360	(a)	123
25.601	all	Orig.	25.1431	(a)(c)(d)	113
25.603	(b)(c)	46	25.1701	(a)	123
25.607	all 1	23	25.1703	all	123
25.611	all	123	25.1705	(a)(b)4,5,6,7,9,12	123
25.613	all	112	25.1707	(a)(b)(e)(f)(g)(h)(i)(j)(l)	123
25.625	all	72	25.1709	all	123
25.863	(a)(b)	46	25.1711	(a)(c)(d)(e)	123
25.869	(a)	123	25.1713	(a)(c)	123
25.899	all	123	25.1715	all	123
25.1301	(a)	123	25.1717	all	123
25.1309	(a)(b)(c)(d)(e)(f)	123	25.1719	all	123
25.1316	(a)(b)	134	25.1721	all	123
25.1351	(a)	72	25.1723	all	123

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