

# Supplemental Type Certificate

*Number* ST03941AT

*This certificate issued to* TIMCO Aerosystems  
815 Radar Road  
Greensboro, NC 27410

*certifies that the change in the type design for the following product with the limitations and conditions therefore 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-9-51

*Description of Type Design Change:* Interior Reconfiguration of a Boeing DC-9-51 Aircraft in accordance with TIMCO Aerosystems Master Data List 11T253L001, Revision IR, dated April 20, 2012, or later FAA approved revision.

*Limitations and Conditions:*

- 1) 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 produce no adverse effect upon the airworthiness of that airplane.
- 2) 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.
- 3) **TIMCO Aerosystems Instructions for Continued Airworthiness 11T253R009, Rev. IR dated April 11, 2012, or later FAA accepted revisions, is a required part of this STC.**

**(Limitations and Conditions continued on page 3 of 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:* September 19, 2011

*Date reissued :*

*Date of issuance:* April 30, 2012

*Date amended :*

*By direction of the Administrator*



(Signature)

Jose Pevida  
ODA Administrator Lead ODA-100214-CE

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): \_\_\_\_\_

# Supplemental Type Certificate

(Continued)

*Number* **ST03941AT**

*Issued:* April 30, 2012

*Amended:*

(Limitations and Conditions continued from page one.)

## 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 Model DC-9-51 is as follows:

- a. The type certification basis for Boeing Model DC-9-51 airplanes is shown on TCDS A6WE for parts **not changed or not affected** by the change.
- b. The certification basis for parts **changed or affected** by the change since the reference date of application, September 19, 2011, is based upon part 25 as amended by Amendment 25-134. Based on 14CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

### Regulations at the latest amendment 25-0 through 25-134

25.1, 25.23(a)(b)(2), 25.27(b), 25.601, 25.789, 25.812(e), 25.815, 25.1529, 25.1541.

### Regulations at an intermediate amendment

None

### Regulations at the amendment level in TCDS A6WE

25.301, 25.303, 25.305(a)(b), 25.307(a)(d), 25.561(a)(b)(3)(c), 25.613(a)(b)(e), 25.619(c), 25.625, 25.785(a)(b)(d)(e)(i)(1)(3), 25.787(b), 25.791, 25.803(a), 25.813(a), 25.1301(a)(b)(c)(d), 25.1309(a)(b), 25.1415(b), 25.1447(a).

### 14 CFR Part 26 regulations

Based on 14 CFR 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendment, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the regulations (Amdt 26-0 through 26-5):

26.11

26.47

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