

Supplemental Type Certificate

Number ST03815AT-D

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: McDonnell Douglas
Model: MD-90-30

Description of Type Design Change: Interior Reconfiguration of a McDonnell Douglas DC-90-30 Aircraft in accordance with TIMCO Aerosystems Master Data Lists 09T115L001, Revision AC, dated 10/6/2012, and 09T229L001, Revision G, dated 9/13/2011, 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 09T115R009, Rev F, dated March 9, 2012; 09T115R509, Rev B, dated January 3, 2011; 09T229R009, Rev A, dated March 30, 2011; 09T229R509, Rev C, dated November 1, 2011; 10T084R009, Rev B, dated November 10, 2011; and 11T282R009, Rev A, dated June 26, 2012, or later FAA accepted revisions are a required part of this STC.**
- 4) **C&D Zodiac STC ST01990LA-D and ST01991LA-D must be installed prior to or concurrently with this STC. (all groups except Group V) See Limitation No. 6 below.**
- 5) **Lufthansa Technik AG STC ST02274NY must be installed prior to or concurrently with this STC.**
- 6) **C&D Zodiac STC number ST01998LA-D must be installed prior to or concurrently with this STC, for 09T115L001 Group V aircraft.**

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 28, 2009

Date of issuance: June 10, 2010

Date reissued:

Date amended: September 8, 2010, December 4, 2010, March 2, 2011, May 18, 2011, October 13, 2011, October 8, 2012

By direction of the Administrator



(Signature)

Jose Pevida
ODA Administrator Lead ODA-100214-CE

(Title)

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.

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 Transferee) (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

(Continuation Sheet)

Number **ST03815AT-D**

Issued: June 10, 2010.

Amended: September 8, 2010, December 4, 2010, March 2, 2011, May 18, 2011, October 13, 2011, October 8, 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 Model MD-90 is as follows:

- a. The type certification basis for Boeing Model MD-90-30 series 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, February 8, 2012, 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(b)(1), 25.27(b), 25.301, 25.303, 25.562(b)(c)(2)(4)(7)(8), 25.601, 25.603, 25.605, 25.609, 25.611, 25.619(c), 25.787, 25.789, 25.793, 25.815, 25.853(a)(d), 25.854(a), 25.981(d), 25.1421, 25.1431(c), 25.1443(a), 25.1450(a)(b), 25.1529, 25.1541, 25.1561(b)(c)(e).

Regulations at an intermediate amendment

None

Regulations at the amendment level in TCDS A6WE

25.29, 25.305(a)(b), 25.307(a), 25.365(e)(2)(g), 25.561(a)(b)(1)(3)(i)(ii)(iii)(iv)(v)(c)(d), 25.613(a)(b)(e), 25.625, 25.785(a)(b)(e)(h)(1)(i)(1)(3), 25.791, 25.812(e)(i), 25.813(c), 25.831(a)(e)(f), 25.851(a), 25.1301(a)(b)(c)(d), 25.1309(a)(b), 25.1351(a)(1), 25.1353(a), 25.1357(a)(c), 25.1411(a)(b), 25.1413(a)(b), 25.1431(c), 25.1439(b), 25.1447(a), 25.1557(c)(d).

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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