

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

Number ST03849AT-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-88

Description of Type Design Change: Installation of an Interior Reconfiguration in a McDonnell Douglas MD-88 aircraft in accordance with TIMCO Master Data List 09T178L001, revision B, dated September 21st, 2010, 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's Instructions for Continued Airworthiness 09T178R009, Rev. IR dated July 15, 2010, or later FAA accepted revision, is a required part of this STC.
- 4) C&D Zodiac STC ST01993LA-D must be installed prior to or concurrently with 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 : April 27, 2010

Date reissued :

Date of issuance : September 21, 2010

Date amended :



By direction of the Administrator

Jose Pevida
(Signature)

Jose Pevida

ODA Administrator ODA-100214-CE
(Title)

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

United States of America
Department of Transportation – Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number **ST03849AT-D**

Issued September 21, 2010

(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 McDonnell Douglas MD-88 series is as follows:

- a. The type certification basis for McDonnell Douglas MD-88 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, April 27, 2010, is based upon part 25 as amended by Amendment 25-129. 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 25-129

25.1, 25.23(b)(1), 25.27(b), 25.301, 25.303, 25.601, 25.603, 25.605, 25.609, 25.611, 25.619(c), 25.789, 25.793, 25.815, 25.853(a)(d), 25.981(d), 25.1443(a), 25.1450(a)(b), 25.1529, 25.1541, 25.1561(b)(c)(e)

Regulations at an intermediate amendment

25.613(a)(b) Amdt 25-72

Regulations at the amendment level in TCDS A6WE

25.29, 25.305(a)(b), 25.307(a)(d), 25.365(e)(2)(g), 25.561(a)(b)(1)(3)(c), 25.625, 25.785(a)(b)(h)(1)(i)(1)(3), 25.787, 25.791, 25.812(d)(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)(b), 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 26-3):

26.11

26.47

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