

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

Number ST02575AT-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: A16WE
Make: BOEING
Model: 737-300, -400

Description of Type Design Change: Avionics Upgrades and Interior Reconfiguration In Accordance With TIMCO Master Data List 02T014L001, revision F, dated March 29th, 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) This configuration does not comply with 121.310(f)(3)(iii) or 25.813 amendment 25-76. In the event that this airplane is placed into FAR 121 operations, the operator should coordinate with the FAA to obtain grant of deviation.
- 4) TIMCO's Instructions for Continued Airworthiness 02T014R013, Rev A dated November 11, 2002 and 09T110R009, Rev. IR dated February 10, 2010, are a required part of this STC.
- 5) This modification may not be installed after August 30, 2010 unless (1) previously approved EWIS ICA have been evaluated and determined to be adequate for this installation by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office.

(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 : October 7, 2002

Date reissued :

Date of issuance : December 8, 2002

Date amended : April 8, 2010



By direction of the Administrator

Jose Pevida

(Signature)

Jose Pevida

ODA Administrator Lead 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 ST03816AT-D

Issued: December 8, 2002, April 8, 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 Boeing Model 737-300, -400 series is as follows:

- a. The type certification basis for Boeing Model 737-300, -400 series airplanes is shown on TCDS A16WE 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, October 7, 2002, is based upon part 25 as amended by Amendment 25-107. 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 25-107

25.1, 25.29, 25.301, 25.303, 25.305(a)(b)(1)(2)(3)(c), 25.307, 25.571, 25.601, 25.603, 25.605, 25.609, 25.13(b), 25.619, 25.625, 25.785(a)(b)(c)(f)(1)(3)(h)(2)(j)(k), 25.787(a)(b), 25.789(a), 25.791(a)(b), 25.793, 25.812(e), 25.815, 25.851, 25.853, 25.1301, 25.1351(a), 25.1353, 25.1357(a)(c)(e), 25.1411(a)(b), 25.1431(a)(c), 25.1439, 25.1447(a)(c)(1), 25.1529, 25.1541, 25.1557(c), 25.1561(a)(c)(d)(e)

Regulations at an intermediate amendment

25.561 Amdt 25-23, 25.611 Amdt 25-23, 25.1309(b)(1) Amdt 25-41, 25.1583(c)(1) Amdt 25-72

Regulations at the amendment level in A16WE

25.23(a)(b)(2), 25.803, 25.813

Part 26 Regulations

26.11 Amdt 26-0

26.47 Amdt 26-1

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