



United States of America  
Department of Transportation  
Federal Aviation Administration

# Supplemental Type Certificate

Number: *ST04208AT*

This certificate issued to: **TIMCO Aerosystems, LLC**  
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: **737-800 Series**

Description of Type Design Change: **Panasonic IFE Upgrade installation in a Boeing 737-800 Series aircraft in accordance with TIMCO Aerosystems, LLC Master Data List 15T019L001, revision C, dated May 26, 2016, or later FAA approved revision. TIMCO Aerosystems, LLC Instructions for Continued Airworthiness 15T019R009, Rev. B dated 20 May 2016, or later FAA accepted revision is a required part of this STC.**

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 STC ST04207AT or STC Number ST04250AT 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, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: **April 6, 2015**

Date Reissued: **November 6, 2015**

Date of Issuance: **October 22, 2015**

Date Amended: **June 21, 2016**

*By Direction of the Administrator*

Signature \_\_\_\_\_

**Jose Pevida**

Title **ODA Administrator Lead ODA-100214-CE**

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Aircraft Certification 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 and address of transferee)

**From** (Name and address of grantor)

Extent of Authority (if licensing agreement):

*Date of transfer:*

*Signature of grantor:* \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

Number: *ST04208AT*

Issued: *October 22, 2015*

Reissue: *November 6, 2015*

Amended: *June 21, 2016*

## 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 737-800 Series is as follows:

- a. The type certification basis for Boeing 777-300ER Series airplanes is shown on TCDS T00001SE 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 6, 2015, is based upon Part 25 as amended by Amendment 25-141. 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 this modification was determined to be:

### Regulations at the latest amendment 25-0 through 25-141

25.1, 25.27(b), 25.301, 25.303, 25.307(a)(d), 25.601, 25.603, 25.605, 25.609, 25.789(a), 25.981(d), 25.1351(a)(1), 25.1529

### Regulations at an intermediate amendment

None

### Regulations at the amendment level in TCDS T00001SE

25.305(a)(b), 25.321(a), 25.561(a)(b)(3)(c), 25.611, 25.613(a)(b), 25.1301, 25.1309(a), 25.1353(a)(b), 25.1431(c)

### 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 26-6):

26.11

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