

Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number ST02298SE*This certificate, issued to*

Quiet Wing Aerospace LLC
12324 134th Court NE
Redmond, WA 98052

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: The Boeing Company
Model: 737-400, Serial No. 24769

Description of the Type Design Change: One-only installation of temperature and pressure transducers, Part No. QE-0009-101, in accordance with Drawing QE-0009, Revision B, dated August 2, 2013, and Advanced Drawing Change Notice B-1, dated August 26, 2013, or later Federal Aviation Administration (FAA) approved revisions.

Limitations and Conditions: You cannot use descriptive data about this design change to duplicate this modification on other products. This approval is limited to the installation made on Boeing Model 737-400 Serial No. 24769 only. This certificate does not permit manufacturing of parts for multiple installations. A copy of this certificate, and the Instructions for Continued Airworthiness and Airworthiness Limitation Manual, Revision C, dated November 9, 2013, or later FAA-accepted revision, must be maintained as part of the permanent records of the modified aircraft and the manual incorporated into the operator's maintenance program. The airplane must be maintained in accordance with the Instructions for Continued Airworthiness and Airworthiness Limitation Manual, Revision C, dated November 9, 2013, or later FAA-accepted revision.

(See Continuation Sheet Page 3 of 3 Pages)

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: March 21, 2013*Date reissued:**Date of issuance:* January 29, 2014*Date amended:**By direction of the Administrator**(Signature)*

Manager, Seattle Aircraft Certification Office

(Title)

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 in accordance with FAR 21.47.

DepartmentofTransportation – FederalAviationAdministration

Supplemental Type Certificate

(Continuation Sheet)

Number **ST02298SE**

Quiet Wing Aerospace LLC

Issued: January 29, 2014

Reissued:

Amended:

Certification Basis: Based on Title 14 Code of Federal Regulations (CFR) section (§) 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing Model 737-400 airplane with the One-Time Installation of Temperature and Pressure Transducers (Part No. QE-0009-101) is as follows:

The type certification basis for Boeing Model 737-400 airplane is shown on Type Certificate Data Sheet (TCDS) A16WE for parts not changed or not affected by this change.

The type certification basis for parts **changed or affected** by this change since the reference date of application, March 21, 2013, are stated below for each affected section. Based on § 21.101 and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification is determined to be:

§§ 25.301, 25.303 at amendment 25-23; § 25.305(a)(b) at amendment 25-86; § 25.307(a) at amendment 25-72; 25.601 original; §§ 25.603 and 25.605 at amendment 25-46; §§ 25.607 and 25.611 at amendment 25-23; § 25.613 at amendment 25-112; § 25.901(a)(3)(b)(1)(ii)(2)(3)(4)(c) at amendment 25-46; § 25.981(a)(3)(d) at amendment 25-125; §§ 25.1301, 25.1309(a)(b)(c)(d)(e), and 25.1353(a) at amendment 25-123; § 25.1431(c) at amendment 25-113; § 25.1519 at amendment 25-15; § 25.1529 at amendment 25-54; and Appendices H25.1, H25.2, and H25.3 at amendment 25-132.

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