

DepartmentofTransportation - FederalAviationAdministration

Supplemental Type Certificate

Number **ST02246SE**

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: Boeing
Model: 737-400 Series

Description of the Type Design Change: Installation of a flap and aileron droop performance system modification in accordance with Quiet Wing Master Drawing List (MDL) QW-00003, Revision B, dated September 17, 2012, or later Federal Aviation Administration (FAA) approved revision. Operated in accordance with Airplane Flight Manual Supplement (AFMS) QWT737400-4B3, Revision 0, dated October 4, 2012, or later FAA-approved revision. Maintained in accordance with Instructions for Continued Airworthiness (ICA) QWT737421, Revision A, dated August 31, 2012, or later FAA-accepted revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of this model series unless the installer determines that the relationship between this change and any other previously incorporated approved modifications will introduce no adverse effect upon the airworthiness of that aircraft.

(See Continuation Sheets Pages 3 through 4)

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: December 9, 2011 *Date reissued:* October 25, 2012
Date of issuance: October 17, 2012 *Date amended:*



By direction of the Administrator

(Signature)

Acting 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.

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Supplemental Type Certificate

(Continuation Sheet)

Number **ST02246SE**

Quiet Wing Aerospace LLC.

Issued: October 17, 2012

Reissued: October 25, 2012

Amended:

Limitations and Conditions continued: A copy of this certificate, MDL QW-00003, Revision B, dated September 17, 2012, or later FAA-approved revision, AFMS QWT737400-4B3, Revision 0, dated October 4, 2012, or later FAA-approved revision, and ICA QWT737421, Revision A, dated August 31, 2012, or later FAA-accepted revision, must be maintained as part of the permanent records for the modified aircraft.

Certification Basis: The original certification basis for the Boeing Model 737-400 series aircraft is Part 25 as shown on Type Certificate Data Sheet A16WE. The certification basis applied to this modification is listed in the following table:

Section	Amdt	Section	Amdt
25.23	Orig.	25.207	25-51
25.25	Orig.	25.251(b)	Orig.
25.27	Orig.	25.253(a)	25-51
25.29	Orig.	25.301(a),(b),(c)	Orig.
25.101(c),(f)	25-51	25.303	Orig.
25.103	25-15	25.305(a),(b)	25-51
25.107	25-51	25.307(a),(b),(c)	Orig.
25.109	Orig.	25.321	Orig.
25.113	25-51	25.331	Orig.
25.117	Orig.	25.333	Orig.
25.119	Orig.	25.335(a),(b),(c),(d),(e)	Orig.
25.121	Orig.	25.337(a),(b),(c),(d)	Orig.
25.123	Orig.	25.341(a)(b)	Orig.
25.125	Orig.	25.345(a)(b)(c)	Orig.
25.143	25-51	25.349(a)(b)	Orig.
25.145	25-51	25.351	Orig.
25.147(a),(b),(c),(d)	25-51	25.395	Orig.
25.161	Orig.	25.397	Orig.
25.173	25-7	25.399	Orig.
25.175	25-7	25.457	Orig.
25.181	25-51	25.571(a),(b),(e)	25-51
25.201(a),(b)	25-51	25.601	Orig.
25.203	Orig.	25.603	Orig.
25.605	Orig.	25.1322	Orig.
25.607	Orig.	25.1327(b)	Orig.
25.609	Orig.	25.1351 (a)	25-51
25.611	Orig.	25.1353(a),(d)	Orig.

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Certification Basis Continued:

Section	Amdt	Section	Amdt
25.613	Orig.	25.1503	Orig.
25.625	Orig.	25.1505	Orig.
25.629(a),(b),(c),(d)	25-51	25.1507	Orig.
25.671	25-51	25.1511	Orig.
25.675	Orig.	25.1513	Orig.
25.677	25-51	25.1519	Orig.
25-679	Orig.	25.1529	Orig.
25-681	Orig.	25.1531	Orig.
25-683	25-51	25.1533	Orig.
25-685	Orig.	25.1543	Orig.
25.689	Orig.	25.1545	Orig.
25.693	Orig.	25.1563	Orig.
25.701	25-23	25.1583(a),(b),(c),(h)	25-51
25-981(a)(3),(b)	25-102	25.1585	25-40
25.1301	25-3	25-1587(a)(c)	25-51
25.1303	25-51	26.11	Orig.
25-1309(a),(b),(c),(d),(e),(f)	25-51	26.47(a),(c),(d),(e)	Orig.

- END -

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