



United States of America
Department of Transportation
Federal Aviation Administration

Supplemental Type Certificate

Number: ST03450NY

This certificate issued to: Jetaire Aerospace, LLC
8009 Orchard Parkway
Bowie, MD 20715

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
Mcnng: BOEING 737
Mqf gn -300, -400, & -500 Series

Description of Type Design Change:

1. Installation of Invicta Ignition Mitigation/Flammability Reduction Technology in the Center Wing Tank (CWT) must be in accordance with Master Data List, Report No. 13022C0012, Revision Date: July 7, 2014, Revision A or later FAA accepted revision.
2. Maintenance of the Invicta Ignition Mitigation/Flammability Reduction Technology in the Center Wing Tank (CWT) must be accordance with Instructions for Continued Airworthiness, Report No. 13022C0013, Revision Date: May 30, 2014, Revision B1 or later FAA accepted revision.

(Description of Type Design Change Section is continued on page 3 of 3)

Limitations and Conditions:

1. The aircraft must be operated in accordance with the "Airworthiness Limitation Requirements" section of Jetaire's Instructions for Continued Airworthiness, Report No. 13022C0013, Revision Date: May 30, 2014, Rev. B1 or later FAA accepted revision.
2. The aircraft must be operated in accordance with the "Limitation" section of Jetaire's Aircraft Flight Manual Supplement, Report No. 13022S0001, Revision Date: July 28, 2014, Rev. IR or later FAA accepted revision.

(Limitations and Conditions Section is 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: May 23, 2013

Date reissued:

Date of issuance: July 28, 2014

Date amended:

By direction of the Administrator

Signature _____

Title Gaetano Sciortino
Manager, New York
Aircraft Certification Office

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: ST03450NY

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: ST03450NY

Date of issuance: July 28, 2014

Description of Type Design Change: (continued)

3. Operation of the Invicta Ignition Mitigation/Flammability Reduction Technology in the Center Wing Tank (CWT) must be in accordance with Aircraft Flight Manual Supplement, Report No. 13022S0001, Revision Date: July 28, 2014, Rev. IR or later FAA accepted revision.

Limitation and Conditions: (continued)

3. Compatibility of this design change with previously approved modifications must be determined by the installer.
4. If the holder agrees to permit another person to use the certificate to alter the product, the holder shall give the other person written evidence of that permission.

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 this modification to the **BOEING 737 -300, -400, & -500 series** aircraft is as follows:

- a) The type certification basis for the **BOEING 737 -300, -400, & -500 series** aircraft as shown on TCDS A16WE for parts **not changed or not affected** by the change.
- b) The type certification basis for the **BOEING 737 -300, -400, & -500 series** aircraft as shown on TCDS A16WE for parts **changed or affected** by the change with the following exceptions:
 - o Compliance with 14 CFR 25.1307 at Amendment 25-72,
 - o Compliance with 14 CFR 25.613 at Amendment 25-112,
 - o Compliance with 14 CFR 25.1305 at Amendment 25-115,
 - o Compliance with 14 CFR 25.899, 25.1301, and 25.1309 at Amendment 25-123, and
 - o Compliance with 14 CFR 25.981 at Amendment 25-125.

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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).
