



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
Make: BOEING 737
Model: -200, -300, -400, -500, -600, -700, -800, and -900 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: June 6, 2017, Revision C or later FAA approved revision.
2. Maintenance of the Invicta Ignition Mitigation/Flammability Reduction Technology in the Center Wing Tank (CWT) must be in accordance with Instructions for Continued Airworthiness, Report No. 13022C0013, Revision Date: June 15, 2017, Revision C or later FAA accepted revision. (B737 -200, -300, -400, -500 series)

(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: June 15, 2017, Revision C or later FAA approved revision. (B737 -200, -300, -400, -500 series)
2. The aircraft must be operated in accordance with the "Airworthiness Limitation Requirements" section of Jetaire's Instructions for Continued Airworthiness, Report No. 13025S0004, Revision Date: February 23, 2015, Revision IR or later FAA approved revision. (B737 -600, -700, -800, -900 series)

(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: June 16, 2017

By direction of the Administrator

Signature

for

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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Supplemental Type Certificate

(Continuation Sheet)

Number: ST03450NY

Date Amended: June 16, 2017

Description of Type Design Change: (continued)

3. Maintenance of the Invicta Ignition Mitigation/Flammability Reduction Technology in the Center Wing Tank (CWT) must be in accordance with Instructions for Continued Airworthiness, Report No. 13025S0004, Revision Date: February 23, 2015, Revision IR or later FAA accepted revision. (B737 -600, -700, -800, -900 series)
4. 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: June 15, 2017, Revision A or later FAA approved revision. (B737 -200, -300, -400, -500 series)
5. 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. 13025S0001, Revision Date: May 5, 2015, Revision IR or later FAA approved revision. (B737 -600, -700, -800, -900 series)

Limitation and Conditions: (continued)

3. The aircraft must be operated in accordance with the "Limitation" section of Jetaire's Aircraft Flight Manual Supplement, Report No. 13022S0001, Revision Date: June 15, 2017, Revision A or later FAA approved revision. (B737 -200, -300, -400, -500 series)
4. The aircraft must be operated in accordance with the "Limitation" section of Jetaire's Aircraft Flight Manual Supplement, Report No. 13025S0001, Revision Date: May 5, 2015, Revision IR or later FAA approved revision. (B737 -600, -700, -800, -900 series)
5. Compatibility of this design change with previously approved modifications must be determined by the installer.
6. 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 -200, -300, -400, -500, -600, -700, -800, and -900 series** aircraft is as follows:

- a) The type certification basis for the **BOEING 737 -200, -300, -400, -500, -600, -700, -800, and -900 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 -200, -300, -400, -500, -600, -700, -800, and -900 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,
 - o Compliance with 14 CFR 25.981 at Amendment 25-125.

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