

United States of America  
 Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST223CH

*This certificate, issued to*

AvAero  
 129 6th Ave. N  
 Safety Harbor, FL 34695

**Added Notes at Surrender:**

1. Future unsafe conditions existing in the product can result in an airworthiness directive requiring correction of the unsafe condition before further flight. If there is no entity to comply with 14 CFR 21.99(a), Required design changes, the existence of an unsafe condition might result in permanently grounding of the aircraft. ~~Provisional approval is not available in the future.~~

*certifies that the change in the type design for the following product with the limitations specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.* (See Type Certificate Data Sheet A16WE for complete certification basis.)

*Original Product — Type Certificate Number:* A16WE  
*Make:* Boeing  
*Model:* 737-100, -200, -200C Series

**STC Surrender processed:**

Approval by:   
 Melvin Taylor, ATL ACO Manager  
 Date: 12/1/2009

*Description of Type Design Change:*

Installation of a Stage 3 Hushkit on Boeing 737-100, -200, -200C Series airplanes, when powered by Pratt & Whitney JT8D-7, JT8D-9, JT8D-15, or JT8D-17 Series Engines, in accordance with AvAero Master Drawing List MDL-737-001-91, Revision D, dated April 17, 1995, or later FAA Approved revision, or; Installation of a Stage 3 Hushkit on Boeing 737-200, -200C Series airplanes, when powered by Pratt & Whitney JT8D-9, JT8D-15, or JT8D-17 Series Engines, in accordance with AvAero Master Drawing List MDL-737-003-91, Revision Orig., dated April 17, 1995, or later FAA Approved revision, or,  
 (See Continuation Sheet, page 3)

*Limitations and Conditions:*

1. FAA Approved Airplane Flight Manual Supplement FMS-54000-094 dated July 7, 1994, Reissued May 30, 1995, or later FAA Approved revision is required when modifications are made in accordance with AvAero Master Drawing List MDL-737-001-91.
- FAA Approved Airplane Flight Manual Supplement FMS-55000-094-001 dated May 30, 1995, or later FAA Approved revision is required when modifications are made in accordance with AvAero Master Drawing List MDL-737-003-91. (See Continuation Sheet, page 3)

*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:* January 24, 1994

*Date issued:*

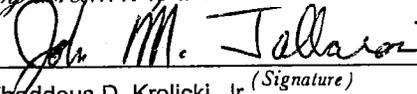
August 11, 1994, December 19, 1994,

*Date of issuance:* July 7, 1994

*Date amended:* May 30, 1995, October 14, 1997

November 16, 1998

*By direction of the Administrator*



FOR Thaddeus D. Krolicki, Jr. (Signature)  
 Manager, Propulsion Branch  
 Chicago 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.*

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* ST223CH

Date of Issuance: July 7, 1994

Amended: August 11, 1994  
December 19, 1994  
May 30, 1995  
October 14, 1997  
November 16, 1998

DESCRIPTION OF TYPE DESIGN CHANGE: (Cont.)

Installation of a Stage 3 Hushkit on Boeing 737-100, -200, -200C Series airplanes, when powered by Pratt & Whitney JT8D-7, JT8D-9, JT8D-15, or JT8D-17 Series Engines, in accordance with AvAero Master Drawing List MDL-737-005-98, Revision Orig., dated November 6, 1998, or later FAA Approved revision, or; Installation of a Stage 3 Hushkit on Boeing 737-200, -200C Series airplanes, when powered by Pratt & Whitney JT8D-9, JT8D-15, or JT8D-17 Series Engines, in accordance with AvAero Master Drawing List MDL-737-007-98, Revision Orig., dated November 6, 1998, or later FAA Approved revision.

LIMITATIONS AND CONDITIONS: (Cont.)

1. (cont.) FAA Approved Airplane Flight Manual Supplement FMS-64000-098 dated November 6, 1998, or later FAA Approved revision is required when modifications are made in accordance with AvAero Master Drawing List MDL-737-005-98.

FAA Approved Airplane Flight Manual Supplement FMS-65000-098-001 dated November 6, 1998, or later FAA Approved revision is required when modifications are made in accordance with AvAero Master Drawing List MDL-737-007-98.

2. JT8D-17/17A engines modified in accordance with MDL-737-001-91 must be operated in compliance with the *Engine Intermix* limitation in the applicable FAA Approved Airplane Flight Manual Supplement.

3. All references to the 737-200/200C series include aircraft in the "Advanced" configuration, as described in Note 8 and Note 9 of TCDS A16WE.

4. All references to JT8D-7, -9, -15, and -17 series engines are intended to include the JT8D-7, -7A, -7B, -9, -9A, -15, -15A, -17, and -17A engines.

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 this certificate to alter the product, the holder shall give the other person written evidence of that permission.

-END-

*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*