

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

*Number* ST01625LA

*This Certificate issued to* AeroTech Services, Inc. (ATS)  
2765 Wrondel Way #1  
Reno, Nevada 89502

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25\* of the Federal Aviation Regulations. \*Certification basis is set forth in the Continuation Sheet of this STC.*

*Original Product Type Certificate Number :* A16WE

*Make :* Boeing

*Model :* 737-200,-200C,-300,-400,-500 Series

*Description of Type Design Change:* Modification of Wing Inboard and Outboard Aft Trailing Edge Flaps in accordance with FAA Approved AeroTech Services, Inc. Master Drawing List No. 52-0001, Revision C, dated May 20, 2003, or later FAA Approved Revisions. (for Model 737-200, -200C and -300 Series airplanes), and FAA Approved AeroTech Services, Inc. Master Drawing List No. 52-0001, Revision E, dated January 6, 2005, or later FAA Approved Revisions. (for Model 737-400 and 500 Series airplanes.)

*Limitations and Conditions:* The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above noted airplane model series only. A copy of this STC must be included in the permanent records of the modified aircraft. 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.

**(See continuation pages 3, 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 :* May 8, 1998

*Date reissued :* November 17, 2004

*Date of issuance :* April 15, 2004

*Date amended :* July 12, 2005



*By direction of the Administrator*

*Michael E. Neil*  
(Signature)

Acting Manager, Airframe Branch  
Los Angeles 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.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional 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.

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### TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transfer)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

from *(Name of grantor) (Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and Zip code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_

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# Supplemental Type Certificate

(Continuation Sheet)

*Number* (ST01625LA)

*Limitations and Conditions:* (Continued)

## SCHEDULED INSPECTION AND REPAIR REQUIREMENTS:

Scheduled inspections and repairs are required in accordance with the following document(s):

1. the FAA Approved Chapter 05 of the "737-200, -200C Aircraft Maintenance Manual Supplement", Report No. ATS 52-0008, Issue 4, dated 6/30/05, for 737-200 and -200C, with this STC modification, (and Issue 4 of ATS 52-0008 supercedes and replaces Issue 2 of this report.)
2. the FAA Approved Chapter 05 of the "737-300 Aircraft Maintenance Manual Supplement", Report No. ATS 52-0005, Issue 6, dated 6/23/05, for 737-300 with this STC modification, (and Issue 6 of ATS 52-0005 supercedes and replaces Issue 2 of this report.)
3. the FAA Approved Chapter 05 of the "737-400 Aircraft Maintenance Manual Supplement", Report No. ATS 52-4041, Issue 4, dated 6/23/2005, for 737-400 with this STC modification,
4. the FAA Approved Chapter 05 of the "737-500 Aircraft Maintenance Manual Supplement", Report No. ATS 52-5041, Issue 4, dated 6/23/05, for 737-500 with this STC modification.

These inspection intervals shall not be extended. Later revisions to these reports may be used only if approved by the FAA, Transport Airplane Directorate, Los Angeles Aircraft Certification Office. These requirements do not in anyway change the requirements of any airworthiness directive (AD) that are applicable to the affected aircraft. Crack found in the area of any applicable AD requires corrective actions of the AD.

**C.G. RANGE:** The C.G. range is altered as a result of this STC. See the appropriate FAA Approved Airplane Flight Manual Supplements in NOTE 1.

## CERTIFICATION BASIS FOR THE STC MODIFICATION:

The certification basis of this STC is comprised of the following regulations at the specified Amendment levels:

**Amendment 25-3:** §25.251; §25.629 (only for 737-200 and -200C)

**Amendment 25-22:** §25.305(a)(b)(c) (only for 737-200, -200C and -300); §25.335; §25.471; §25.473; §25.607; §25.611; §25.615; §25.619; §25.625; §25.1309 (only for 737-200 and -200C)

**Amendment 25-37:** §25.603

**Amendment 25-40:** §25.1585

**Amendment 25-44:** §25.573

**Amendment 25-45:** §25.331; §25.351; §25.605; §25.613; §25.1329

**Amendment 25-51:** §25.253; §25.255 (only for 737-400 and -500); §25.629 (only for 737-300, -400 and -500)

**Amendment 25-53:** §25.305 (only for 737-400 and -500); §25.307

**Amendment 25-71:** §25.341; §25.571

**Amendment 25-85:** §25.321; §25.349; §25.427

**Amendment 25-96:** §25.21; §25.27; §25.103; §25.117; §25.121; §25.123; §25.145; §25.147; §25.161; §25.175; §25.177; §25.181; §25.201; §25.203; §25.207; §25.301; §25.303; §25.333; §25.335(b); §25.337; §25.345; §25.367; §25.373; §25.391; §25.393; §25.397; §25.457; §25.601; §25.609; §25.623; §25.671; §25.685; §25.1301; §25.1309 (only for 737-300, -400 and -500); §25.1529

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# Supplemental Type Certificate

(Continuation Sheet)

*Number* (ST01625LA)

*Limitations and Conditions:* (Continued)

**NOISE CHARACTERISTICS:** This change has been determined to be a non-acoustic change in accordance with 14 CFR 21.93 (b).

NOTE 1.

- (a) FAA Approved Airplane Flight Manual Supplement, Document No. AT552-0012, Revision Original, dated April 14, 2004, or later FAA approved revision, is applicable for 737-200 and -200C with this STC modification.
- (b) FAA Approved Airplane Flight Manual Supplement, Document No. AT552-0004, Revision Original, dated April 14, 2004, or later FAA approved revision, is applicable for 737-300 with this STC modification.
- (c) FAA Approved Airplane Flight Manual Supplement, Document No. AT552-4004, Revision Original, dated June 1, 2005, or later FAA approved revision, is applicable for 737-400 with this STC modification.
- (d) FAA Approved Airplane Flight Manual Supplement, Document No. AT552-5004, Revision Original, dated June 1, 2005, or later FAA approved revision, is applicable for 737-500 with this STC modification.

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