

Supplemental Type Certificate

Number SA01763SE

This certificate, issued to

**AeroAcoustics Aircraft Systems Inc.
9802 29th Avenue W., Hangar B-104
Everett, WA 98204**

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 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A7CE

Make: Cessna

Model: 402C

Description of the Type Design Change: Fabrication and installation of AeroAcoustics Aircraft Systems (AASI) Aircraft Payload Extender XL gross weight increase system in accordance with AASI Master Drawing List No. AA1938, Revision NC, dated February 23, 2007, and AASI Installation Manual No. AA1937, Revision NC, dated February 23, 2007, or later FAA approved revision to either of these documents.

Limitations and Conditions : Approval of this change in type design applies only to the aircraft models specified above. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer, that the relationship between this change and any other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and appropriate FAA Approved Flight Manual Supplement (see Page 3), or later FAA approved revision, must be maintained as part of the permanent records for 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 Page 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: March 13, 2007

Date of issuance: May 31, 2007

Date reissued:

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.

Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA01763SE

AeroAcoustics Aircraft Systems Inc.

Reissued:

Amended:

Limitations and Conditions: (cont'd)

This continuation Sheet, which is part of STC No. SA01763SE, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness of the Federal Aviation Regulations. The modified aircraft must be maintained in accordance with Section 3 of AASI Document AA1937 Rev IR, dated February 23, 2007, or later FAA approved revision of this document.

The conditions and limitations of the Type Certificate Data Sheet No. A7CE apply except where superseded by the following:

Applicability:

This modification is applicable to the following model aircraft that have been modified by Micro Aerodynamics Supplemental Type Certificate SA5131NM.

<u>Model</u>	<u>Serial Numbers</u>
402C	402C0001 and On

Limitations Pertaining to Cessna 402C only:

Required Flight Manual Supplement: to Cessna 402C Aircraft Document No. AFMS-C402C-1 dated May 31, 2007 or later FAA approved revision.

CG Range: Takeoff and Flight
 Forward: 149.08 inches aft of datum at 5800 lbs or less
 151.58 inches aft of datum at 6850 lbs
 153.24 inches aft of datum at 7210 lbs
 Aft: 160.67 inches aft of datum at 7210 lbs or less
 Straight line variation between points given

Placards: On each side of nose landing gear door near the leading edge:

**DO NOT JACK OR TOW THIS AIRCRAFT
 AT GROSS WEIGHTS ABOVE 6885 POUNDS**

Maximum Weights:	Ramp:	7250 pounds
	Takeoff:	7210 pounds
	Landing:	7200 pounds
	Zero Fuel Weight	6750 pounds

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

Number SA01763SE

AeroAcoustics Aircraft Systems Inc.

Reissued:

Amended:

Limitations and Conditions: (cont'd)

Limitations Pertaining to all Eligible Models

Limit Factor	Flaps up:	+3.49, -1.40
Limits (g's):	Flaps down (all settings):	+2.00

- END -

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FAA FORM 8110-2-1 (10-69)

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