

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

Number **SA01239SE**

This certificate, issued to:

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

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 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A37CE

Make: Cessna

Model: 208

Description of the Type Design Change: Incorporation of AeroAcoustics Payload Extender III System, manufactured in accordance with AeroAcoustics Document AA1680, Revision C, dated January 15, 2010, and installed and maintained in accordance with AeroAcoustics Document AA1679, Revision D, dated December 20, 2009, or later FAA-approved revisions to either of these documents.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. 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. (See Continuation Sheet on Page 3)

A copy of this certificate and FAA-Approved Flight Manual Supplement (AFMS) AFMS-C208-25 (aircraft with PT6A-114 engine installed), or AFMS-C208-26 (aircraft with PT6A-114A engine installed), both dated March 26, 2010 or later FAA FMS, listed on Page 3 of the Continuation Sheet, 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.

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: February 06, 2003

Date reissued:

Date of issuance: July 16, 2003

Date amended: April 13, 2010



By direction of the Administrator

Original Signed by Ronald F. May

(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.

Supplemental Type Certificate

(Continuation Sheet)

Number **SA01239SE**

AeroAcoustics Aircraft Systems, Inc.

Issued: July 16, 2003

Amended: April 13, 2010

Limitations and Conditions continued:

This continuation sheet, which is part of STC SA01239SE, prescribes the conditions and limitations under which the product for which the STC was issued complies with the Federal Aviation Regulations.

Applicability: This modification is limited to the following **landplanes** only:

<u>Model:</u>	<u>Serial Number:</u>	
208	20800001 through 20800060	(Eligible only if modified with Cessna Kit SK-208-12)
208	20800061 and up	

Limit Speeds (IAS): Maneuvering Speed at 8362 lbs. 143 Kt IAS

CG Range: Takeoff and Flight
 +175.68 inches to +184.35 inches at 8362 pounds
 +162.41 inches to +184.35 inches at 4200 pounds or less
 Straight line variation between the points given

Maximum Weights:	Maximum Ramp Weight	8397 lb
	Maximum Takeoff Weight	8362 lb
	Maximum Landing Weight	8362 lb

Load Factor	Flaps Up:	+3.41, -1.36
Limits (g's):	Flaps Down (all settings)	+2.00

Placards: On each side of nose strut fairing near tow limit marking:

**“DO NOT JACK OR TOW THIS AIRCRAFT
 AT GROSS WEIGHTS ABOVE 8035 LB”**

- END -

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.