

# Supplemental Type Certificate

*Number* SA00188SE

*This certificate, issued to*

**AeroAcoustics Aircraft Systems, Inc.  
9802 29<sup>th</sup> Ave. 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:* A37CE  
*Make:* Cessna  
*Model:* 208B

*Description of the Type Design Change:* Installation of AeroAcoustics Aircraft Systems, Inc. Aircraft Payload Extender gross weight increase kit in accordance with Installation Manual AA1196, Revision A, dated June, 5, 1995, and Drawing List AA1195, Revision A, dated June 5, 1995, or later FAA-approved revisions.

*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 on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including change in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate, Continuation Sheets and FAA-approved Airplane Flight Manual Supplement listed on Page 3, dated July 5, 1995, must be maintained as part of the permanent records for the modified aircraft.

(See Continuation Sheets Pages 3 and 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:* November 17, 1993

*Date reissued:* May 13, 2008

*Date of issuance:* April 14, 1995

*Date amended:* July 5, 1995; November 17, 2003



*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.

# Supplemental Type Certificate (Continuation Sheet)

*Number* SA00188SE

**AeroAcoustics Aircraft Systems, Inc.**

Reissued: May 13, 2008

Amended: July 5, 1995; November 17, 2003

*Limitations and Conditions: (cont'd)*

This Continuation Sheet, which is part of STC No. SA00188, dated June 23, 1995, prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness of the Federal Aviation Regulations.

The conditions and limitations of the Type Certificate Data Sheet No. A37CE apply, except where superseded by the following:

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

<u>Model</u>	<u>Serial Numbers</u>
208B without cargo pod	208B0001 through 208B0178 and 208B0180 through 208B0229 and aircraft modified by Cessna Kit SK208-84
208B	208B0179, 208B0230 and up and aircraft modified by Cessna Kit SK208-80

**Flight Manual  
Supplement:**

Model 208B with PT6A-114 (600SHP) without cargo pod  
Document No. AFMS-C208-2, dated July 5, 1995, or later FAA approved revision

Model 208B with PT6A-114A(675 SHP)  
Document No. AFMS-C208-3, dated April 13, 1995, or later FAA approved  
Revision

**Airspeed**

**Limits (IAS):** Maneuvering Speed: at 8950 pounds.....148 knots

**C.G. Range:**

Takeoff and flight  
+199.97 inches to +204.35 inches at 8950 pounds  
+199.15 inches to +204.35 inches at 8750 pounds  
+193.37 inches to +204.35 inches at 8000 pounds  
+179.60 inches to +204.35 inches at 5500 pounds or less  
Straight line variation between points given.

**Placards:**

On each side of the nose strut fairing near the tow limit marking, and near the nose jacking point on the left side on the nose wheel strut fairing:

"DO NOT JACK OR TOW THIS AIRCRAFT  
AT GROSS WEIGHTS ABOVE 8785 POUNDS"

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Department of Transportation Federal Aviation Administration

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*Limitations and Conditions: (cont'd)*

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The conditions and limitations of the Type Certificate Data Sheet No. A37CE apply, except where superseded by the following:

<b>Maximum Weights:</b>	Ramp	8985 pounds
	Takeoff	8950 pounds
	Landing	8500 pounds
	Flight into known icing	
	Model 208B with PT6A-114 (600 SHP):	
	Cargo pod removed	8450 pounds
	Model 208B with PT6A-114A (675 SHP):	
	Cargo pod installed	8550 pounds
	Cargo pod removed	8750 pounds
Load Factors:	Flaps Up	+3.37g, -1.35g
	Flaps Down (all settings)	+2.00g

- END -

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