



Department of Transport

Supplemental Type Certificate

This approval is issued to:

Acorn Welding Ltd.
10916 119th Street
Edmonton, Alberta
Canada T5H 3P4

Number: SA97-33

Issue No.: 4

Approval Date: March 04, 1997

Issue Date: February 15, 2013

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Refer to Approved Model List

Canadian Type Certificate or Equivalent:

Refer to Approved Model List

Description of Type Design Change:

Installation of Acorn Welding Heat Exchanger/Muffler P/N C1851D, C1851D-1, or C1851D-3.

**Installation/Operating Data,
Required Equipment and Limitations:**

Installation, Removal, and Maintenance of the muffler is to be conducted in accordance with Transport Canada Civil Aviation (TCCA) approved Ultimate Aerostructures Instructions for Continued Airworthiness UA032-ICA Revision IR dated 10 January 2013, or later TCCA approved revision.

Basis of Certification: CAR 3, at amendment 3-12, FAR 23.1529 at Amendment 23-26.

...See Continuation Sheet



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

D.S. Austen
For Minister of Transport

Supplemental Type Approval

(Continuation Sheet)

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NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE SUPPLEMENTAL TYPE APPROVAL REFERRED TO THEREIN.

**TCCA APPROVED MODEL LIST (AML)
FOR STC SA97-33 ISSUE 4
INSTALLATION OF MUFFLER P/N C1851D, C1851D-1 & C1851D-3**

ORIGINAL ISSUE DATE: 7 SEPT 2011

ITEM	AIRCRAFT MAKE	AIRCRAFT MODEL	TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	AML REVISION DATE
1.	Cessna Aircraft Company	180, 180A, 180B, 180C, 180D, 180E, 180F, 180G, 180H, 180J, 180K	5A6	CAR 3	N/A
2.	Cessna Aircraft Company	182, 182A, 182B, 182C, 182D, 182E, 182F, 182G, 182H, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R	3A13	CAR 3	N/A
3.	Cessna Aircraft Company	185, 185A, 185B, 185C, 185D, 185E, A185E, A185F	3A24	CAR 3	N/A

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