

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

*Number* SA10615SC-D

*This Certificate issued to* RAM Aircraft, Limited Partnership  
7505 Karl May Dr.  
Waco, TX 76708

*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 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* \*See attached FAA Approved Model List (AML), No. SA10615SC-D, dated September 11, 2008, or later FAA approved revision, for a list of approved airplane models and applicable airworthiness regulations.  
*Make:*  
*Model:*

*Description of Type Design Change:* Installation of Hartzell PHC-(C or J) 3YF-1RF/F7693F (B)+2 propeller in accordance with RAM Master Drawing listed on AML SA10615SC-D, dated September 11, 2008, or later FAA approved revision. The required Airplane Flight Manual Supplement (AFMS) for each eligible aircraft model is listed on the AML SA10615SC-D, dated September 11, 2008, or later FAA approved revision.

*Limitations and Conditions:* A copy of this certificate and FAA Approved Model List (AML) must be maintained as a part of the permanent records for the modified aircraft. Instructions for continued airworthiness are as listed on the AML. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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:* March 1, 2006

*Date Reissued:* September 11, 2008

*Date of Issuance:* April 12, 2007

*Date Amended:* 01/23/08 Rev. 1

*By direction of the Administrator*

ORIGINAL SIGNED BY TERRY BOWDEN



(Signature)

Terry L. Bowden  
DAS administrator DAS-700100-SW  
RAM Aircraft LP Waco, Texas

(Title)

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

*Number* SA10615SC-D

Date of Issuance: April 12, 2007

Reissuance: September 11, 2008

*Limitations and Conditions* (Continued):

Aircraft certified with the optional propeller de-ice configuration are not approved for flight into known icing conditions.

Eligible aircraft models previously modified with non-standard engines in accordance with STC No. SA2782SW-D or SA2689SW-D are also eligible for this STC.

Eligible aircraft models with Cessna propeller de-ice system using a 20-second or 34-second de-ice timer must utilize the de-ice boot propeller configuration as denoted by a "B" in the propeller model number.

The aircraft must be maintained in accordance with RAM Document No. 2643, Revision IR dated March 03, 2006 or later FAA approved revision

Eligible aircraft models without Cessna propeller de-ice system must utilize the non-de-ice boot propeller configuration as denoted by the absence of a "B" in the propeller model number.

The Hartzell propeller diameter limits are 79 to 80 inches.

*Certification Basis:*

The certification basis for each eligible aircraft model remains the same as is shown on the original TCDS except as detailed below for parts changed or affected by the alteration.

14 CFR Part 23 effective March 30, 1967 except for the election of later amendments as listed: §§ 23.1(b) Amdt. 23-34, 23.3 Amdt. 23-50, 23.29 Amdt. 23-20, 23.33(a)(d) Amdt. 23-50, 23.53 Amdt. 23-50, 23.59 Amdt. 23-50, 23.63 Amdt. 23-50, 23.65(a) Amdt. 23-50, 23.71 Amdt. 23-50, 23.75 Amdt. 23-50, 23.77 (a) Amdt. 23-50, 23.201 Amdt. 23-50, 23.251 Amdt. 23-45, 23.301 Amdt. 23-50, 23.303 14 CFR 23 effective 02/01/65, 23.305 Amdt. 23-45, 23.307 14 CFR 23 effective 02/01/65, 23.361 Amdt. 23-45, 23.363 14 CFR 23 effective 02/01/65, 23.371 Amdt. 23-50, 23.601 Amdt. 14 CFR 23, 23.607 14 CFR 23 effective 02/09/96, 23.901(b) (e) Amdt. 23-53, 23.905(a)(b)(d) Amdt. 23-45, 23.907(a)(b) Amdt. 23-50, 23.925 Amdt. 23-50, 23.929 Amdt. 23-50, 23.1041 Amdt. 23-50, 23.1043(a)(b)(c) Amdt. 23-50, 23.1047 Amdt. 23-50, 23.1301(c)(d) Amdt. 23-20, 23.1309(a)(1) Amdt. 23-49, 23.1351(a)(b) Amdt. 23-49, 23.1357 Amdt. 23-43, 23.1365(a)(b)(c) Amdt. 23-49, 23.1501(a)(b) Amdt. 23-21, 23.1521(a)(b)(1)(c)(1) Amdt. 23-50, 23.1529 Amdt. 23-26, 23.1541(a)(b) Amdt. 23-21, 23.1549(a)(b)(c) Amdt. 23-45, 23.1559 Amdt. 23-50, 23.1581(a-f) Amdt. 23-50, 23.1583 (b) Amdt. 23-50, 23.1585 (a)(b) Amdt. 23-50, 23.1587 (a)(b) Amdt. 23-50; eff 03/11/96 21.93(b) Amdt. 21-27, and CAR 3.759 with Amendment 3-1, 3-2, and 3-3; effective October 11, 1950.

**FAA APPROVED MODEL LIST (AML)**

**STC No. SA10615SC-D**

Installation of Hartzell PHC-(C or J)3YF-1RF/F7693F(B)+2 propeller

RAM Aircraft Limited Partnership  
7505 Karl May Dr.  
Waco, TX 76708

Date of issuance: April 12, 2007  
Date Amended: January 23, 2008  
Date of Reissuance: September 11, 2008

Item	Aircraft Make	Aircraft Model <sup>2</sup>	Original Type Certificate Number	Required Approved Data								
				AFM Supplement		ICA Document			Master Drawing			
				Number	Rev <sup>1</sup>	Date <sup>1</sup>	Number	Rev	Date	Number	Rev <sup>1</sup>	Date <sup>1</sup>
1	Cessna	TU206A, B, C, D, E, F, G	A4CE	1102	A	1/23/08	2643	IR	3/3/06	2640	D	9/24/07
2	Cessna	TP206A, B, C, D, E	A4CE	1102	A	1/23/08	2643	IR	3/3/06	2640	D	9/24/07
3	Cessna	T207A	A16CE	1102	A	1/23/08	2643	IR	3/3/06	2640	D	9/24/07
4	Cessna	T210F, G, H, J, K, L, M	3A21	1102	A	1/23/08	2643	IR	3/3/06	2640	D	9/24/07

Notes:

1. Or later FAA approved Revision
2. Refer to STC No. SA10615SC-D for the certification basis applicable to the alteration.

FAA Approved: ORIGINAL SIGNED BY TERRY BOWDEN

Terry L. Bowden  
DAS administrator DAS-700100-SW  
RAM Aircraft LP Waco, Texas

Date: September 11, 2008