

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

Number SA4111SW-D

This Certificate issued to RAM Aircraft, Limited Partnership
7505 Karl May Drive
Waco, TX 76708

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 3 of the Civil Air Regulations.

Original Product Type Certificate Number: * See attached FAA Approved Model
Make: List (AML) for the list of approved models
Model: and applicable airworthiness regulations

Description of Type Design Change: Installation of Hartzell Model PHC-J3YF-1RF/F7663-2Q, or F7663D-2Q Propeller according to Drawing 21004, Revision E dated 6/3/85, or later FAA approved revision.

Limitations and Conditions:

(See continuation sheet 3 of 5)

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 20, 1980

Date of issuance: April 10, 1980

Date reissued: October 08, 2001; September 20, 2002;
February 28, 2008, August 25, 2008

Date amended: 9/3/81; 9/14/81; 10/7/81;
4/23/82; 8/16/85 Rev. 5

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 SA4111SW-D

Date of Issuance: April 10, 1980
Amended Date: August 16, 1985
Reissuance Date: August 25, 2008

Limitations and Conditions (Continued):

The appropriate manual is required.

1. FAA Approved Airplane Supplemental Flight Manual dated April 13, 1980, for Cessna Models T210F, T210G, T210H, T210J, T210K, and T210L modified by STC SA2689SW and with Hartzell PHC-J3YF-1RF/F7663-2Q propeller installed; OR

FAA Approved Airplane Supplemental Flight Manual dated April 21, 1982, for Cessna Models T210F, T210G, T210H, T210J, T210K, and T210L with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

2. FAA Approved Airplane Supplemental Flight Manual dated April 10, 1980, for Cessna Models TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TP206A, TP206B, TP206C, TP206D, and TP206E modified by STC SA2782SW-D with Hartzell PHC-J3YF-1RF/F7663-2Q propeller installed; OR

FAA Approved Airplane Supplemental Flight Manual dated April 22, 1982, for Cessna Models TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TP206A, TP206B, TP206C, TP206D, and TP206E modified by STC SA2782SW-D with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

3. FAA Approved Airplane Supplemental Flight Manual dated July 20, 1981, for Cessna Model T210M with Hartzell Model PHC-J3YF-1RF/F7663-2Q propeller installed; OR

FAA Approved Airplane Supplemental Flight Manual dated April 19, 1982, for Cessna Model T210M with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

4. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement dated July 31, 1981, for Cessna Model T210N with Hartzell Model PHC-J3YF-1RF/F7663-2Q installed; OR

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement dated April 20, 1982, for Cessna Model T210N with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

5. FAA Approved Airplane Supplemental Flight Manual dated October 7, 1981, for Cessna Model TU206G, Serial Nos. U20603522 thru U20604649 with Hartzell PHC-J3YF-1RF/F7663-2Q propeller installed; OR

FAA Approved Airplane Supplemental Flight Manual dated April 23, 1982, for Cessna Model TU206G, Serial Nos. U20603522 thru U20604649 with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

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Date of Issuance: April 10, 1980
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Limitations and Conditions (Continued):

6. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement dated October 7, 1981, for Cessna Model TU206G, Serial Nos. U20604650 and UP with Hartzell PHC-J3YF-1RF/F7663-2Q propeller installed;
OR

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement dated April 23, 1982, for Cessna Model TU206G, Serial Nos. U20604650 and UP with Hartzell PHC-J3YF-1RF/F7663-2Q or PHC-J3YF-1RF/F7663D-2Q propeller installed.

7. Propeller deice boots, designated by a "B" after the blade designation, are eligible on either blade (F7663-2Q or /F7663D-2Q).

8. Compatibility of this design change with previously approved modifications must be determined by the installer. 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.

-END-

FAA APPROVED MODEL LIST (AML)

SA4111SW-D

Ram Aircraft, Limited Partnership
7505 Karl May Drive
Waco, TX 76708

Date of Reissuance: August 25, 2008

Item	Aircraft/Engine Make	Aircraft/Engine Model	Original Type Certificate Number	Regulation/Part
1	Cessna	T210, T210G, T210H, T210J, T210K, T210L, T210M, T210N,	3A21	CAR 3
2	Cessna	TP206A, TP206B, TP206C, TP206D, TP206E, TU206A, TU206B, TU206C, TU206D, TU206E, TU206F, TU206G	A4CE	CAR 3

FAA Approved: ORIGINAL SIGNED BY TERRY BOWDEN

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

Date: August 25, 2008