

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

Number SA2750SW

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 : 3A25, 3A10

Make : Cessna

Model : 320D, 320E, 320F, T310P, T310Q, T310R

Description of Type Design Change:

Installation of Continental TSIO-520-E, or -EB engine per Drawing R31001, Revision B dated 8/1/85, or later FAA approved revision.

Limitations and Conditions:

(See continuation sheet 3 of 3)

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 22, 1978

Date reissued : 10/8/01; 9/20/02

Date of issuance : April 10, 1978

Date amended : 6/18/80; 1/12/82; 5/18/82;
8/30/85; 4/15/86 Revision 5



By direction of the Administrator

(Signature)
S. Frances Cox, Manager
Special Certification Office,
Southwest Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

United States Of America
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Supplemental Type Certificate
(Continuation Sheet)

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Supplemental Type Certificate
(Continuation Sheet)

Number SA2750SW

Date of Issuance: April 10, 1978
Amended Date: April 15, 1986
Reissuance Date: September 20, 2002

Limitations and Conditions (Continued):

1. a. FAA Approved Airplane Supplemental Flight Manual dated April 8, 1978, is required for Cessna Models 320D, 320E, 320F, T310P and T310Q;
OR
 - b. FAA Approved Airplane Supplemental Flight Manual dated April 8, 1978, revised June 18, 1980, is required for Cessna Models 320D, 320E, 320F, T310P, T310Q, and T310R;
OR
 - c. FAA Approved Airplane Supplemental Flight Manual dated January 12, 1982, is required for Cessna Models 320D, 320E, 320F, T310P, T310Q, and T310R with Continental TSIO-520-E, or -EB engines and McCauley 3AF32C87/82NC-4, or 3AF32C504/82NEA-4 propellers;
OR
 - d. FAA Approved Airplane Supplemental Flight Manual dated May 18, 1982, is required for Cessna Models 320D, 320E, 320F, T310P, T310Q, and T310R with Continental TSIO-520-E, or -EB engines and Hartzell PHC-C3YF-2UF/FC7663DB-2Q propellers.
OR
 - e. FAA Approved Airplane Supplemental Flight Manual dated March 17, 1986, is required for Cessna Models T310P and T310Q with Continental TSIO-520-E, or -EB engines and Hartzell PHC-C3YF-2UF/FC7663DB-2Q or PHC-C3YF-2UF/FC7663DB-2Q propellers.
OR
 - f. FAA Approved Airplane Supplemental Flight Manual dated April 15, 1986, is required for Cessna Models T310P and T310Q with Continental TSIO-520-E, or -EB engines and McCauley 3AF32C87/82NC-4 or 3AF32C504/82NEA-4 propellers.
2. 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.
 3. Only those airplanes operated in accordance with the ASFM listed in l.e. and l.f. are eligible at a takeoff gross weight of 5670 lbs.

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