

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

*Number* SA2375SW-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 :* 3A12  
*Make :* Cessna  
*Model :* 172D; 172E; 172F; 172G; 172H; 172I; 172K;  
172L; 172M; 172N

*Description of Type Design Change:*

Installation of Lycoming 0-320-D2G, 0-320-D2J, or 0-320-E2D (as modified by STC SE3692SW-D) engine rated for 160 h.p. take-off and 150 h.p. METO for models 172I, 172K, 172L, and 172M according to RAM Dwg. R17201 Rev. F dated 12/9/86; or installation of Lycoming 0-320-D2G, 0-320-D2J, or 0-320-E2D (as modified by STC SE3692SW-D) engine rated for 160 h.p. take-off and 145 h.p. METO for models 172D, 172E, 172F, 172G, and 172H according to RAM Dwg. 17202, Rev. K dated 12/9/86; or installation of Lycoming 0-320-D2G, 0-320-D2J or 0-320-E2D (as modified by STC SE3692SW-D) engine (160 h.p., 2700 r.p.m) in model 172N according to RAM Dwg. 17203, Rev. L dated 12/9/86; 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 :* September 07, 1976

*Date reissued :* October 08, 2001, September 20, 2002;  
May 12, 2008, August 25, 2008

*Date of issuance :* November 01, 1976

*Date amended :* June 10, 1977; March 30, 1978;  
November 9, 1978; January 26, 1979; February 3, 1981;  
September 28, 1981; November 5, 1981; August 28,  
1987 Revision 8



*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)

*Number* SA2375SW-D

Date of Issuance: November 01, 1976

Amended Date: August 28, 1987

Reissuance Date: August 25, 2008

*Limitations and Conditions* (Continued):

1. The following appropriate FAA Approved Manual is required:

Cessna Models	Airport Flight Manual for Landplane with Lycoming 0-320-D2G engine	Airplane Supplemental Flight Manual for Landplane of Floatplane with Lycoming 0-320-D2G engine	Airplane Supplemental Flight Manual for Landplane or Floatplane with Lycoming 0-320-D2J engine or 0-320-E2D (as modified by STC SE3692SW-D)
172I, 172K 172L, 172M	November 1, 1976 or June 10, 1977 or March 30, 1978	January 26, 1979 or May 1, 1981	November 5, 1981 or August 27, 1987
172D, 172E 172F, 172G, 172H	June 9, 1977 or March 29, 1978	January 25, 1979 or April 30, 1981	November 5, 1981 or August 27, 1987
172N	Not required	Not required	Not required

2. For additional limitations see the applicable flight manual listed above.

3. 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.

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