



March 5, 2007

Don George Aircraft
Attn: Don George
1339 West Washington
Orlando, FL. 32805

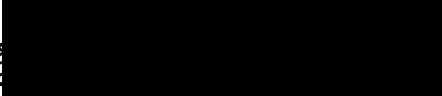
RE: STC Permission Statement

Dear Sir:

This letter serves as a one-time authorization per our installation center agreement to install a Lycoming Engine Model (check one) 0-320-D2G, or 0-320-D2J, or X 0-320-E2D (as Mod. Per STC#SE3692SW) Engine S/N: L-44377-27A on Cessna Aircraft Model 172N, Aircraft, S/N: 17268731, Registration No. N734BS.

Installation is to be done in accordance with RAM AIRCRAFT LIMITED PARTNERSHIP STC No. SA2375SW.

Sincerely,



Tommy Derrick
Q.C. Inspector

United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA2375SW

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 O-320-D2G, O-320-D2J, or O-320-E2D (as modified by STC SE3692SW) 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 O-320-D2G, O-320-D2J, or O-320-E2D (as modified by STC SE3692SW) 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 O-320-D2G, O-320-D2J or O-320-E2D (as modified by STC SE3692SW) 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: 10/8/01; 9/20/02

Date of issuance: November 01, 1976

Date amended: 6/10/77; 3/30/78; 11/9/78;
1/26/79; 2/3/81; 9/28/81; 11/5/81;
8/28/87 Revision 8



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
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

(Continuation Sheet)

Number SA2375SW

Date of Issuance: November 1, 1976
Amended Date: August 28, 1987
Reissuance Date: September 20, 2002

Limitations and Conditions (Continued):

- 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)
172I, 172K	November 1, 1976	January 26, 1979	November 5, 1981
172L, 172M	or June 10, 1977 or March 30, 1978	or May 1, 1981	or August 27, 1987
172D, 172E	June 9, 1977	January 25, 1979	November 5, 1981
172F, 172G, 172H	or March 29, 1978	or April 30, 1981	or August 27, 1987
172N	Not required	Not required	Not required
- For additional limitations see the applicable flight manual listed above.
- 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



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR 43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. 46301(a)).

1. Aircraft	Nationality and Registration Mark N734BS	Serial No. 17268731	
	Make CESSNA	Model 172N	Series
2. Owner	Name (As shown on registration certificate) AERO PHOTO		
	Address (As shown on registration certificate) Address 4000 16TH ST. N.		
	City SAINT PETERSBURG State FL		
	Zip 33703-5804 Country USA		

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME		(As described in item 1 above)	
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	PENSACOLA AVIATION CENTER LLC	U.S. Certificated Mechanic	Manufacturer
Address	4145 JERRY L MAYGARDEN RD.	Foreign Certificated Mechanic	C. Certificate No.
City	PENSACOLA State FL	☒ Certificated Repair Station	[REDACTED]
Zip	32504 Country USA	Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐ Signature/Date of Authorized Individual **ROBERT POWELL 08/21/2007**

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ **APPROVED** ☐ **REJECTED**

BY	FAA Flt. Standards Inspector		Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	☒	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. **[REDACTED]** Signature/Date of Authorized Individual **[REDACTED] 08/21/2007**

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N734BS

Nationality and Registration Mark

08/21/2007

Date

INTALLED ENGINE O-320-E2D S/N L-44377-27A ON AIRCRAFT N734BS CESSNA 172N S/N17268731 IAW RAM STC# SE3692SW. WEIGHT CHANGE NEGLIGIBLE. EQUIPMENT LIST UPDATED.

***** NOTHING FOLLOWS *****

☐ Additional Sheets Are Attached



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N734BS	Serial No. 17268731		
	Make Cessna	Model 172N	Series	
2. Owner	Name (As shown on registration certificate) Aero Photo		Address (As shown on registration certificate)	
			Address 4000 16th St N	
			City Saint Petersburg	State FL
			Zip 33703-5604	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT	_____	_____	_____
☐	☐	PROPELLER	_____	_____	_____
☐	☐	APPLIANCE	Type	_____	_____
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Ronald D. Thompson		☒ U. S. Certificated Mechanic	Manufacturer
Address 1000 Cowan Rd		☐ Foreign Certificated Mechanic	C. Certificate No.
City Spicewood State TX		☐ Certificated Repair Station	[REDACTED]
Zip 78669 Country USA		☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual [REDACTED] 8 Nov 2013
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☐ Approved ☐ Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station X	Inspection Authorization	Other (Specify)

Certificate or Designation No. [REDACTED]	Signature/Date of Authorized Individual [REDACTED] 8 Nov 2013
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8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N734BS

08 November 2013

Nationality and Registration Mark

Date

Installed Engine O-320-D2J, S/N: RL-18668-39A on aircraft N734BS, Cessna 172N, S/N: 17268731, in accordance with STC SA2375SW-D. Change to weight and balance negligible.

☐ Additional Sheets Are Attached