

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

Number SA01088SE

This certificate, issued to

Dynamic Propellers LLC
341 Lisa Lane
Pasco, WA 99301

Permission is hereby given for the following aircraft and only valid when the signature is the approval by it signed by Jack Wazquez the Data Card is returned to Dynamic LLC
Propeller *Jack Wazquez*
Model _____ Serial number _____
Aircraft registration _____ Date *3/10/17*

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: 3A12
Make: Cessna
Model: 172L, 172M

Description of the Type Design Change: Installation of Dynamic Propellers induction air inlet on carburetor air box in accordance with Dynamic Propellers Drawings List 30DL, Revision New, dated April 18, 2002, or later Federal Aviation Administration (FAA) approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of these previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

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.

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: April 18, 2002

Date reissued: December 10, 2014

Date of issuance: May 14, 2002

Date amended:



By direction of the Administrator

Andrew Bowen
(Signature)

for Manager, Seattle Aircraft Certification Office
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.

GARB AIRBOX



U.S. Department of Transportation
Federal Aviation Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

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 N64442	Serial No. 17265230
	Make Cessna	Model 172M
2. Owner	Name (As shown on registration certificate) Paul Tragiai	Address (As shown on registration certificate) Address 206 E Owasso Lane
		City Shoreview State MN Zip 55126-3033 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT	Lycoming	O-320-E2D	L-42041-27A
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	Robert Timm - Seaplane Services, Inc	<input checked="" type="checkbox"/>	U.S. Certificated Mechanic
Address	6980 Lake Drive		Foreign Certificated Mechanic
City	Lino Lakes State MN		Certificated Repair Station
Zip	55014 Country USA		Certificated Maintenance Organization
			Manufacturer
			C. Certificate No.
			A&P2699420

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 <input type="checkbox"/>	Signature/Date of Authorized Individual 	Robert Timm 4-1-2017
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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 Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. A&P2699420IA		Signature/Date of Authorized Individual 		
		Robert Timm 4-1-2017		

United States of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA00455SE

Permission is hereby given for the following aircraft and only valid when the signature in the approval is signed by Jack Vazquez and the Data Card is returned to Dynamic Propellers. *Jaku Vazquez* *220*
Model _____ Serial number _____
Aircraft registration _____ Date *4/8/16*

This certificate, issued to

Dynamic Propellers, LLC
341 Lisa Lane
Pasco, WA 99301

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: 3A12
Make: Cessna
Model: 172 Series

Description of the Type Design Change: Modification of the carburetor heat box in accordance with Dynamic Propeller Drawing List 10DL, dated April 10, 1997, or later Federal Aviation Administration (FAA) approved revision.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft of these models on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.

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.

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: April 1, 1997

Date reissued: December 10, 2014

Date of issuance: July 3, 1997

Date amended:



By direction of the Administrator

Jaku Vazquez
(Signature)

for
Manager, Seattle Aircraft Certification Office
(Title)

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

This certificate may be transferred in accordance with FAR 21.47.