



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

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 N5179D	Serial No. 51279	
	Make Cessna	Model 182	Series A
2. Owner	Name (As shown on registration certificate) School of Missionary Aviation Technology	Address (As shown on registration certificate) Address [REDACTED]	
		City Ionia	State MI
		Zip 48846	Country United States of America

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	Cessna	(As described in Item 1 above)	51279
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Duane Linsley		☒ U. S. Certified Mechanic	Manufacturer
Address [REDACTED]		☐ Foreign Certified Mechanic	C. Certificate No.
City Ionia	State Michigan	☐ Certified Repair Station	
Zip 49426	Country United States	☐ Certified 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] 04/27/2020
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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	☒ Inspection Authorization	Other (Specify)
Certificate or Designation No. [REDACTED]		Signature/Date of Authorized Individual [REDACTED] 04/27/2020		

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.)

N5179D

Nationality and Registration Mark

Date

Carried out Rod Rawson STC SA03139AT Landing gear conversion of Cessna Model 182A from tricycle landing gear to Conventional. Performed IAW Tail Wheel Modification Report RS-180, ICA report RS-182 dated 4-2-2005 and Cessna Parts Catalog P259-12, following the procedures of AC43.13-1B and 2B. Post installation rigging, wheel alignment and operational check carried out, no defects found.

Installed serviceable Scott 3400 tailwheel assy S/N: 2559.

P. Ponk Aviation STC SA4170NM outboard landing gear fittings carried out in conjunction. Minor alteration to original STC, no conflicts of compatibility.

Current W&B procedure performed with assembly installed, for pertinent figures refer to W&B Dated 1/14/2020.

Instructions for Continued Airworthiness:

Inspect for condition and operation IAW FAR Part 43 appendix D 100 hr./Annual inspection requirements.

*****END*****

☐ Additional Sheets Are Attached

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

Number SA03139AT

This certificate issued to Rod Rawson
[REDACTED]
Anna Maria, FL 34216

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 : 3A13
Make : Cessna
Model : 182, 182A, 182B, 182C, and 182D

Description of Type Design Change: Conversion of Cessna Models 182, 182A, 182B, 182C, and 182D from a Tricycle Landing Gear (nose wheel) to a Conventional Landing Gear (tail wheel) configuration in accordance with Michael Stohler Installation Instructions, Report RS-180, "Tail Wheel Modification Procedure", dated April 2, 2005, or later FAA approved revision.

Limitations and Conditions: Michael Stohler Report RS-182, "Instructions for Continued Airworthiness", dated April 2, 2005, is a required part of this STC. The compatibility of this design change with other previously approved modifications must be determined by the installer. If the holder of this STC 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.

**ONLY ORIGINAL ISSUE RED INK
STAMPED STC COPY IS VALID**

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 04, 2005

Date of issuance : August 18, 2005

THIS STC IS ISSUED FOR THE FOLLOWING AIRCRAFT
MANUFACTURER CESSNA **MODEL** 182A
AIRCRAFT SERIAL NUMBER 51279
AIRCRAFT REGISTRATION NUMBER N5179D

Date amended :



By direction of the Administrator

for [REDACTED] (Signature)
Melvin D. Taylor
Manager, ACE-115A
Atlanta Aircraft Certification Office

(Title)