



US 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 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 N6577A	Serial No. 32474	
	Make CESSNA	Model 180	Series
2. Owner	Name (As shown on registration certificate) NAFUS GIFFORD WILLIAM	Address (As shown on registration certificate) Address [REDACTED]	
		City PALMER State AK	Zip 99645-1727 Country United States

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	Continental	TSIO-520C	291681
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type _____ Manufacturer _____		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Wick Air Inc.		☐ U. S. Certificated Mechanic	☐ Manufacturer
Address [REDACTED]		☐ Foreign Certificated Mechanic	C. Certificate No.
City Palmer State AK		☒ Certificated Repair Station	CRS WWKR104K
Zip 99645 Country United States		☐ 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] Alternate Insp. 10/4/2021
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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	Inspection Authorization	Other (Specify)

Certificate or Designation No. CRS WWKR104K	Signature/Date of Authorized Individual [REDACTED] Alternate Insp. 10/4/2021
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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.)

N6577A

10/4/2021

Nationality and Registration Mark

Date

1. Engine modified in accordance with P Ponk STC SE4988NM.

Deviated from STC by replacing 654840 pistons (7.5:1) with 654850 (8.5:1) pistons.

ICA's (Instructions for Continued Airworthiness) in accordance with FAA previous applied STC stated above.

Engine TSIO-520-C converted by STC to P Ponk Aviation O-470-50,
Serial Number - CMI291681 / P Ponk Aviation S/N 2379.

Engine Engine modified in accordance withw O-470-50 Engine Report No. 2, Rev. D,
dated 3 January 2001 under PPA Aviation STC SE4988NM except as stated above.

Aircraft Model: Cessna 180

Registration: N6577A

Aircraft S/N: 32474

Modified Engine Installed per P Ponk Aviation STC SA00468WI.

Note: 1) This FAA DER approval is for engineering aspects & finding only.

2) Approval is limited to CMI engine TSIO-520-C / S/N 291681-R/ PPA S/N 2379 &
Cessna Aircraft 180, S/N 32474 and is not transferable.

3) P Ponk Aviation assigned engine S/N 2379

4) Previously approved ICA's applies

See attached FAA Form 8110-3
Weight and balance is not affected.

END

☐ Additional Sheets Are Attached

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION STATEMENT OF COMPLIANCE WITH AIRWORTHINESS STANDARDS			1. DATE: 04 October 2021
AIRCRAFT OR AIRCRAFT COMPONENT IDENTIFICATION			
2. MAKE Cessna	3. MODEL NO. 180	4. TYPE (Airplane, Engine, Propeller, etc.) Airplane	5. NAME OF APPLICANT Gifford William Nafus [REDACTED] Palmer, Alaska 99645-1727
LIST OF DATA			
6. IDENTIFICATION FAA Form 337 Dated: 04 Oct. 2021 (Data Approval)	7. TITLE - Engine modified in accordance with P Ponk Aviation STC SE4988NM. - Deviated from the STC by replacing the 654840 pistons (7.5:1) with 654850 (8.5:1) pistons. - ICA's (Instructions for Continued Airworthiness) in accordance with FAA previous applied STC stated above. - Engine TSIO-520-C converted by STC to P Ponk Aviation O-470-50, Serial Number -CMI 291681-R / P Ponk Aviation S/N 2379. - Engine Engine modified in accordance with O-470-50 Engine Report No.2, Rev. D, dated 3 January 2001 under PPA Aviation STC SE4988NM except as stated above. - Aircraft Model: Cessna 180 - Registration: N6577A - Aircraft S/N: 32474 - Modified Engine Installed per P Ponk Aviation STC SA00468WI. Note: 1) This FAA DER approval is for engineering aspects & finding only. 2) Approval is limited to CMI engine TSIO-520-C / S/N 291681-R/ PPA S/N 2379 & Cessna Aircraft 180, S/N 32474 and is not transferable, 3) P Ponk Aviation assigned engine S/N 2379 4) Previously approved ICA's applies ————— END —————		
8. PURPOSE OF DATA: Make findings of compliance to applicable FAR's as specified in block 9 for Data Approval, Cessna 180, S/N 32474 & P Ponk Aviation O-470-50 CMI S/N 291681-R (PPA 2379)			
9. APPLICABLE REQUIREMENTS (List specific sections) 14 CFR FAR 23.901(a)(b) Amdt 23-51, 23.903(a) Amdt 23-62, 23.905(a)(b) Amdt 23-59, 23.1301(a)(b)(c) Amdt 23-62, 14 CFR FAR 33.15(a)(b) Amdt 33-10			
10. CERTIFICATION - Under authority vested by direction of the Administrator and in accordance with conditions and limitations of appointment under Part 183 of the Federal Aviation Regulations, data listed above and on attached sheets numbered 0 have been examined in accordance with established procedures and found to comply with applicable requirements of the Federal Aviation Regulations.			
I Therefore ☐ Recommend approval of these data ☒ Approve these data			
11. SIGNATURE(S) OF DESIGNATED ENGINEERING Bobby W Minnis [Signature]	12. DESIGNATION NUMBER(S) [REDACTED]	13. CLASSIFICATION(S) Propulsion Powerplant & Engines	