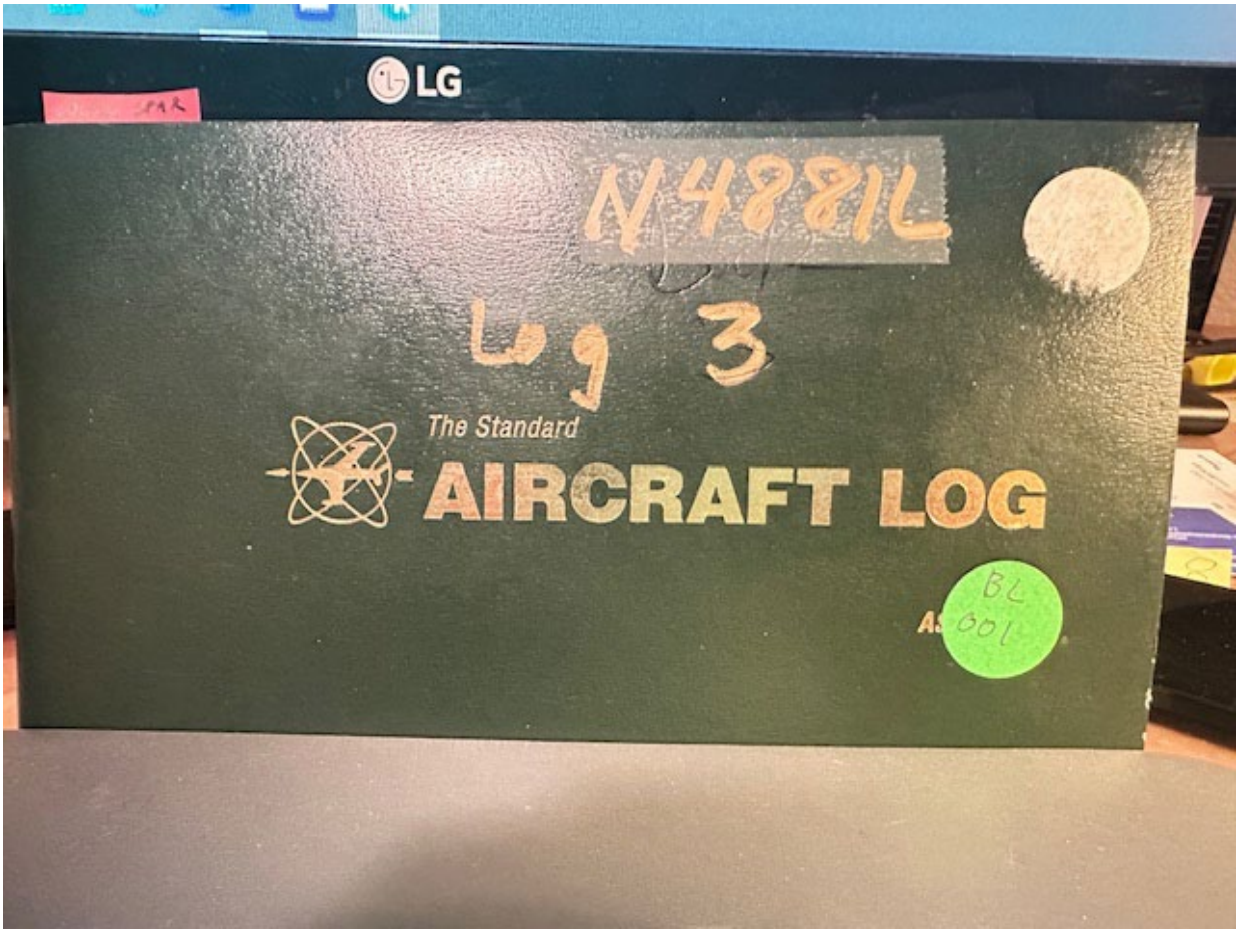
From: Dan Jay
To: Dan Jay
Subject: Logs AF 3
Date: Monday, August 26, 2024 8:16:17 PM



Aircraft Record General Information

Book 3

Manufacturer Piper Model PA-28-180

Serial 28-4247 Registration Number N4581L

Date of Manufacture

Engine(s) currently installed:

Manufacturer Model Serial

Manufacturer Model Serial

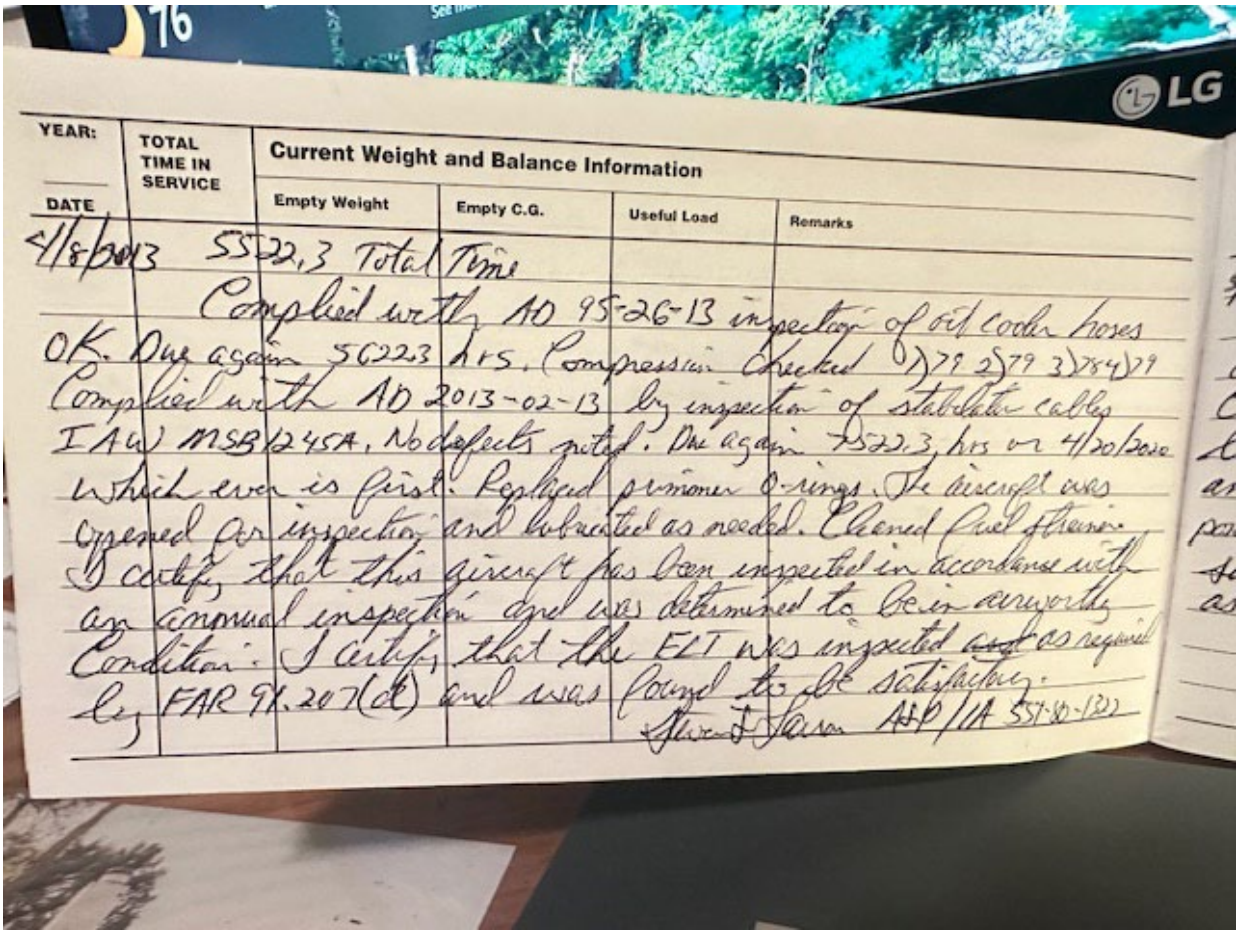
Propeller(s) currently installed:

Manufacturer Model

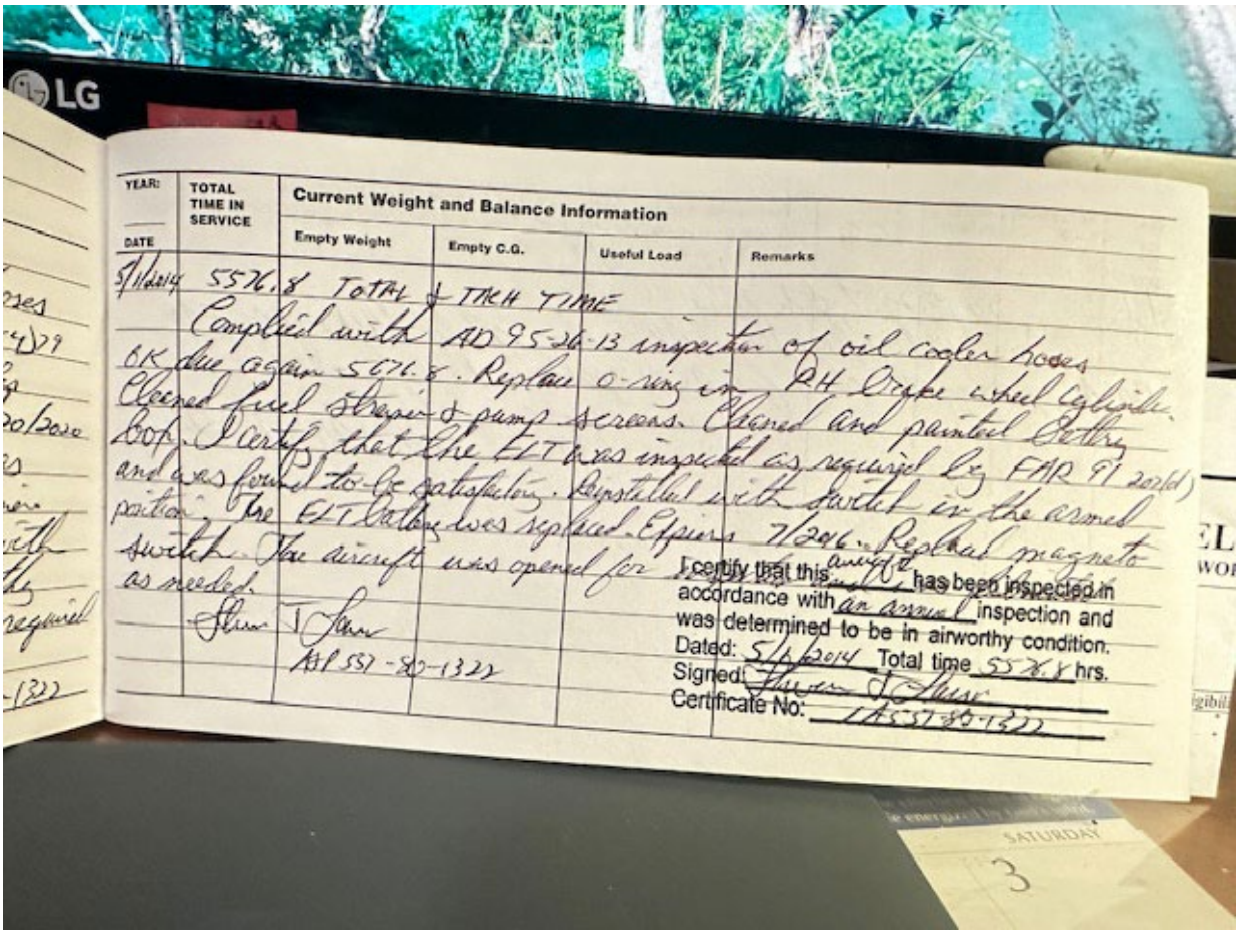
HUB Model Serial Serial

Blade Model Serial Serial Serial

Blade Model Serial Serial Serial

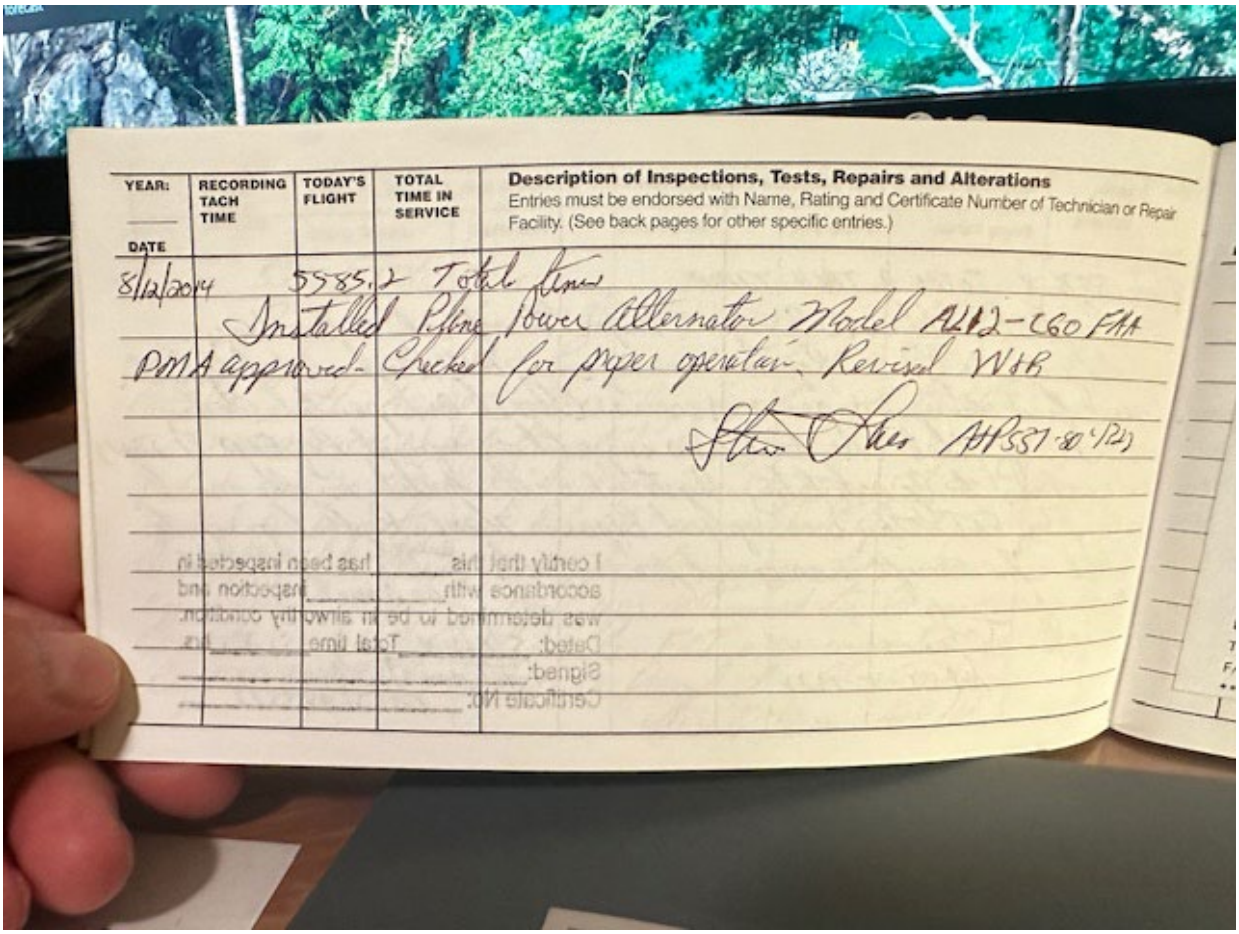


YEAR: / DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
4/8/2013	5522.3 Total Time				
	Complied with AD 95-26-13 inspection of oil cooler hoses OK. Due again 5622.3 hrs. Compression checked 1)79 2)79 3)78 4)79 Complied with AD 2013-02-13 by inspection of stabilator cables IAW MSB 245A. No defects noted. Due again 5722.3 hrs or 4/30/2016 which ever is first. Replaced primoner O-rings. The aircraft was opened for inspection and lubricated as needed. Cleaned fuel strainer. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. I certify that the ELT was inspected and as required by FAR 91.207(d) and was found to be satisfactory. Steven D Jones A&P/IA 557-60-1822				

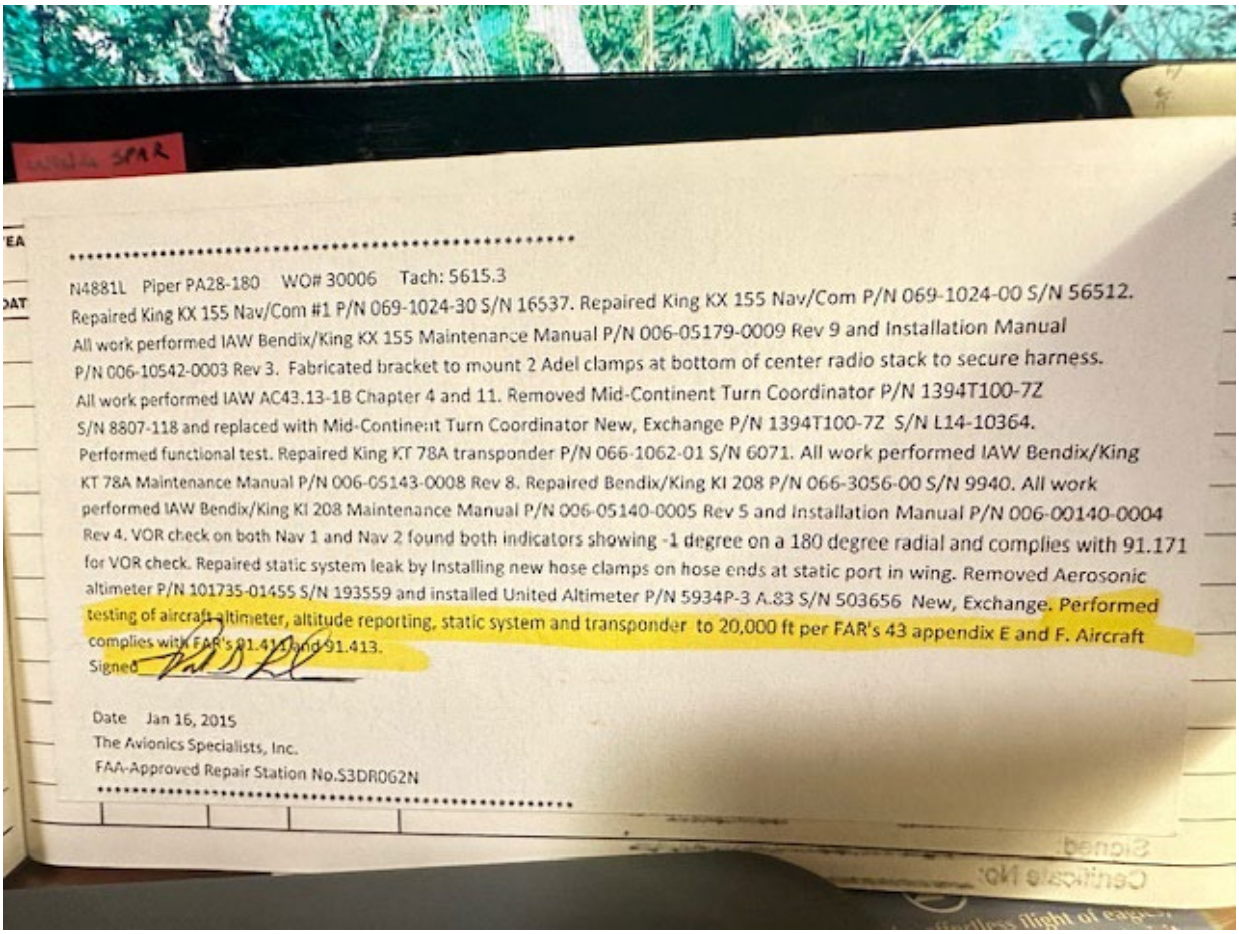


YEAR: / DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty C.G.	Useful Load	Remarks
5/11/2014	5576.8 TOTAL & TACH TIME				
	Complied with AD 95-26-13 inspection of oil cooler hoses OK due again 5676.8. Replace O-ring in RH Drake wheel cylinder. Cleaned fuel strainer & pump screens. Cleaned and painted battery box. I certify that the ELT was inspected as required by FAR 91 20(d) and was found to be satisfactory. Reinstalled with switch in the armed position. The ELT batteries were replaced. Expires 7/2016. Replaced magneto switch. The aircraft was opened for [illegible] as needed.				
	Steven J Sauer				
	ASEI 551-80-1322				

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Dated: 5/11/2014 Total time 5576.8 hrs.
Signed: Steven J Sauer
Certificate No: ASEI 551-80-1322



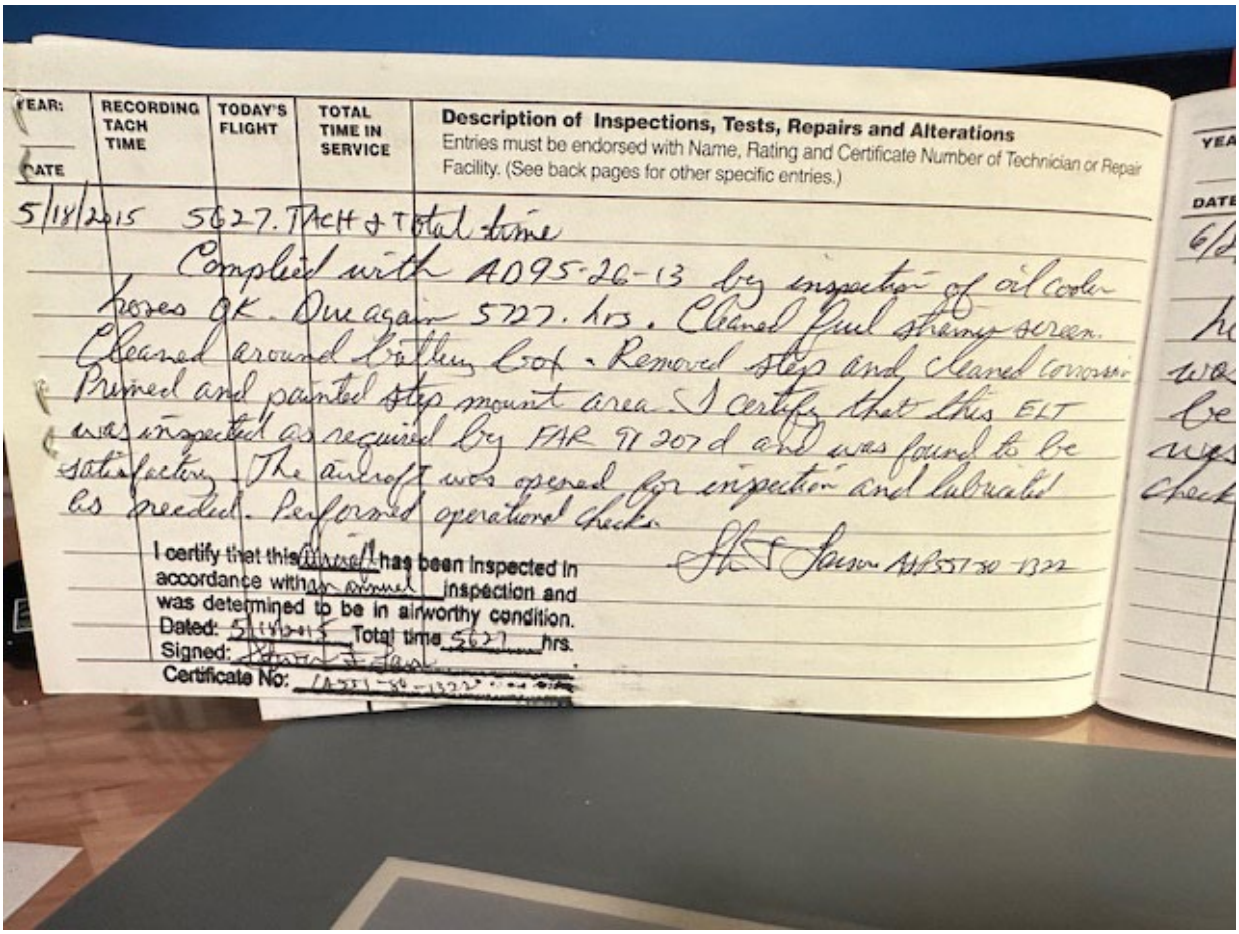
YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/12/2014		5585.2	Total time	
				Installed Pilsbro Power Alternator Model AH2-C60 FAA
				PMA approved. Checked for proper operation. Revised W+B
				Steve Shea AH357-80-1121



N4881L Piper PA28-180 WO# 30006 Tach: 5615.3
Repaired King KX 155 Nav/Com #1 P/N 069-1024-30 S/N 16537. Repaired King KX 155 Nav/Com P/N 069-1024-00 S/N 56512. All work performed IAW Bendix/King KX 155 Maintenance Manual P/N 006-05179-0009 Rev 9 and Installation Manual P/N 006-10542-0003 Rev 3. Fabricated bracket to mount 2 Adel clamps at bottom of center radio stack to secure harness. All work performed IAW AC43.13-1B Chapter 4 and 11. Removed Mid-Continent Turn Coordinator P/N 1394T100-7Z S/N 8807-118 and replaced with Mid-Continent Turn Coordinator New, Exchange P/N 1394T100-7Z S/N L14-10364. Performed functional test. Repaired King KT 78A transponder P/N 066-1062-01 S/N 6071. All work performed IAW Bendix/King KT 78A Maintenance Manual P/N 006-05143-0008 Rev 8. Repaired Bendix/King KI 208 P/N 066-3056-00 S/N 9940. All work performed IAW Bendix/King KI 208 Maintenance Manual P/N 006-05140-0005 Rev 5 and Installation Manual P/N 006-00140-0004 Rev 4. VOR check on both Nav 1 and Nav 2 found both indicators showing -1 degree on a 180 degree radial and complies with 91.171 for VOR check. Repaired static system leak by Installing new hose clamps on hose ends at static port in wing. Removed Aerosonic altimeter P/N 101735-01455 S/N 193559 and installed United Altimeter P/N 5934P-3 A.83 S/N 503656 New, Exchange. Performed testing of aircraft altimeter, altitude reporting, static system and transponder to 20,000 ft per FAR's 43 appendix E and F. Aircraft complies with FAR's 91.411 and 91.413.

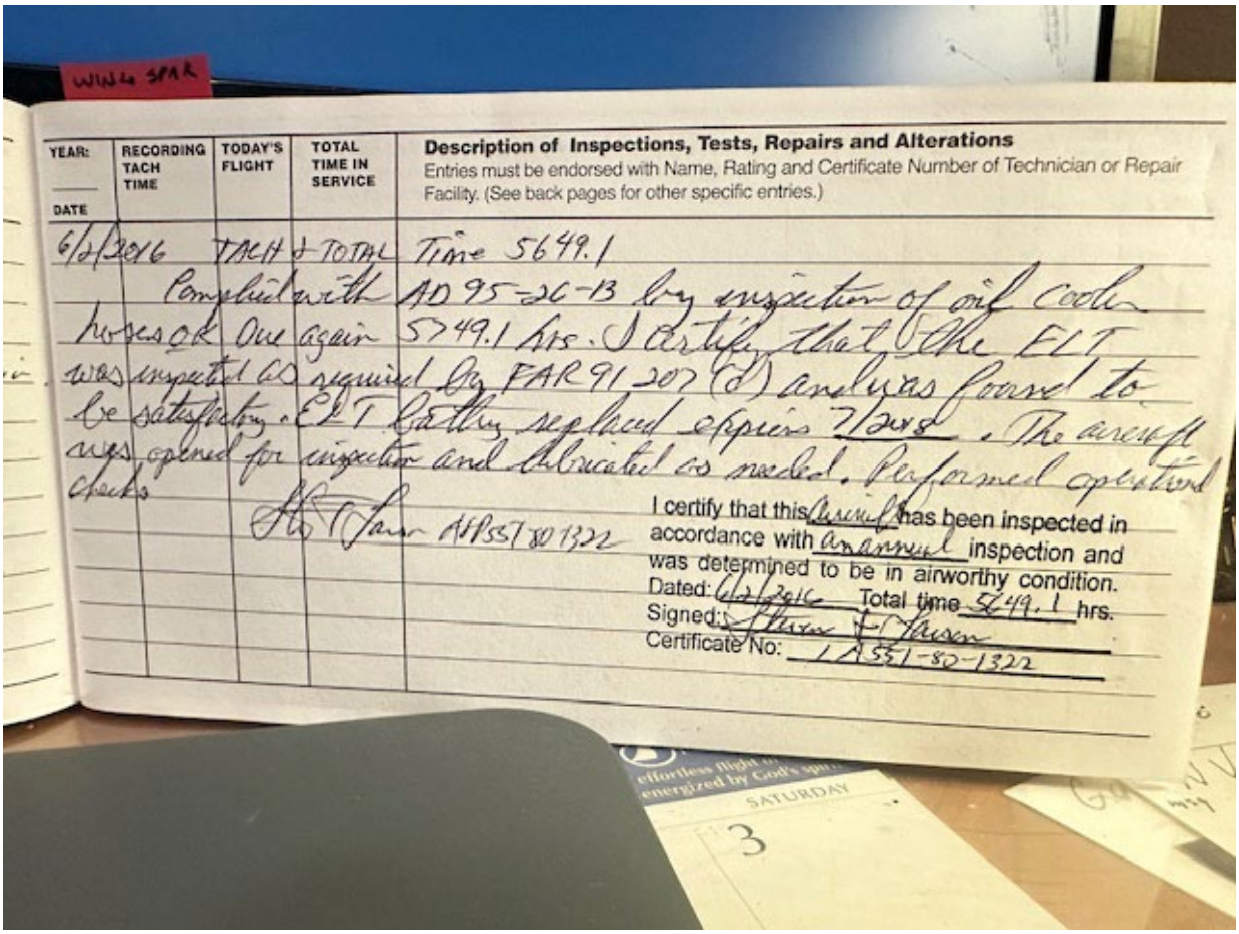
Signed

Date Jan 16, 2015
The Avionics Specialists, Inc.
FAA-Approved Repair Station No.S3DR062N



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/18/2015	5627. TACH & Total time			Complied with AD 95-26-13 by inspection of oil cooler hoses OK. Due again 5727. hrs. Cleaned fuel strainer screen. Cleaned around battery box - Removed step and cleaned corrosion. Primed and painted step mount area. I certify that this ELT was inspected as required by FAR 91.207 d and was found to be satisfactory. The aircraft was opened for inspection and lubricated as needed. Performed operational checks. Steven Jones 4855730 132

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Dated: 5/18/2015 Total time 5627 hrs.
Signed: [redacted]
Certificate No: [redacted]

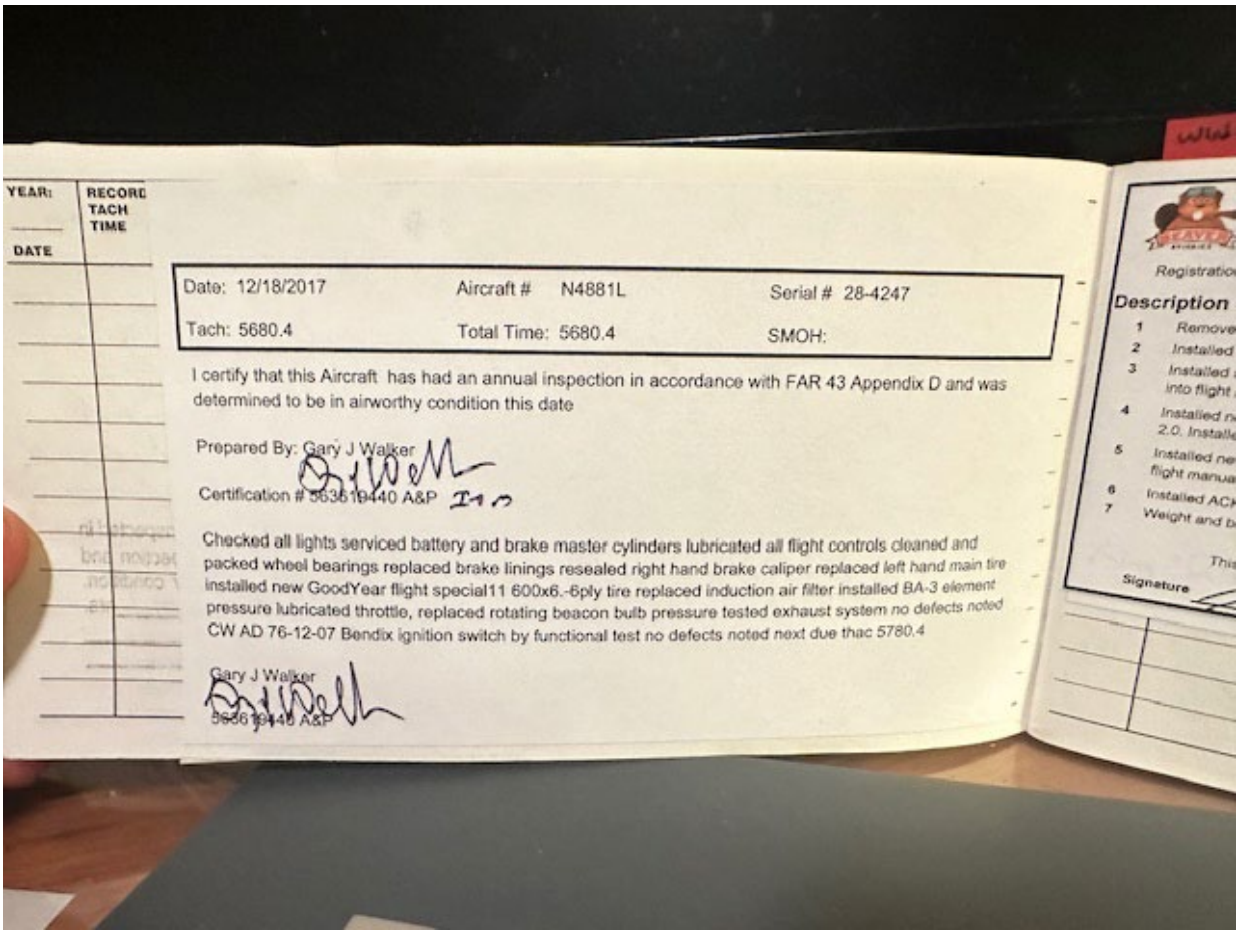


WW24 SPAR

YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/2/2016	TACH	+ TOTAL	Time 5649.1	
	Complied with		AD 95-26-13 by inspection of oil cooler	
hoses OK	One again		5749.1 hrs. I certify that the ELT	
was inspected as required by FAR 91.207 (d) and was found to				
be satisfactory. ELT battery replaced expires 7/2018. The aircraft				
was opened for inspection and lubricated as needed. Performed operational				
checks				
			Stan Tarr A&P 3571801322	

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
Dated: 6/2/2016 Total time 5749.1 hrs.
Signed: Stan Tarr
Certificate No: 1A571-80-1322

effortless flight to
energized by God's spir
SATURDAY
3



YEAR:

DATE

RECORD TACH TIME

Date: 12/18/2017 Aircraft # N4881L Serial # 28-4247

Tach: 5680.4 Total Time: 5680.4 SMOH:

I certify that this Aircraft has had an annual inspection in accordance with FAR 43 Appendix D and was determined to be in airworthy condition this date

Prepared By: Gary J Walker

Certification # 3636 9440 A&P IA

Checked all lights serviced battery and brake master cylinders lubricated all flight controls cleaned and packed wheel bearings replaced brake linings resealed right hand brake caliper replaced left hand main tire installed new GoodYear flight special11 600x6.-6ply tire replaced induction air filter installed BA-3 element pressure lubricated throttle, replaced rotating beacon bulb pressure tested exhaust system no defects noted CW AD 76-12-07 Bendix ignition switch by functional test no defects noted next due thac 5780.4

Gary J Walker

3636 9440 A&P

Description

1 Remove

2 Installed

3 Installed into flight

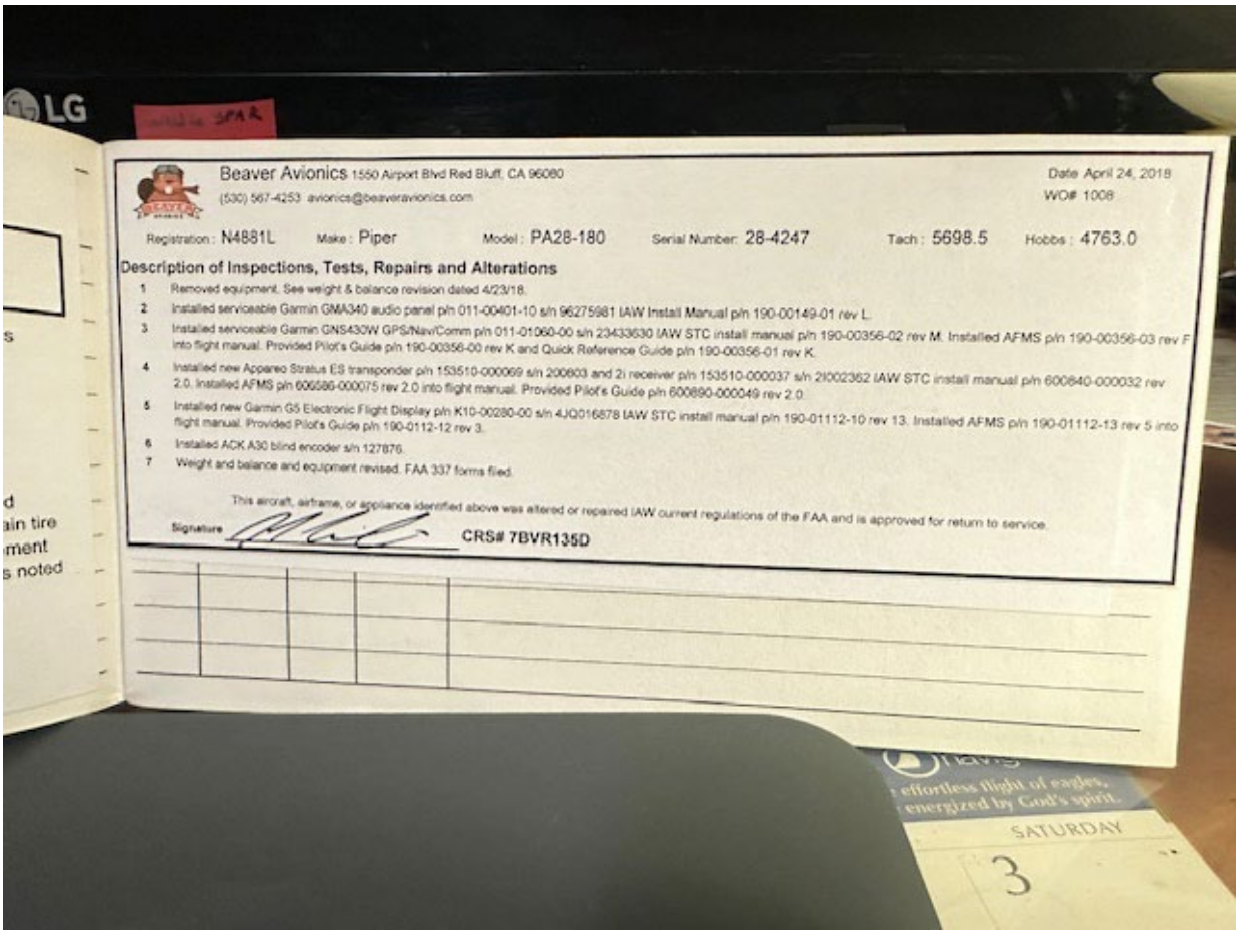
4 Installed 2.0. Install

5 Installed ne flight manua

6 Installed AC

7 Weight and b

Signature



Beaver Avionics 1550 Airport Blvd Red Bluff, CA 96080
(530) 567-4253 avionics@beaveravionics.com

Date April 24, 2018
WO# 1008

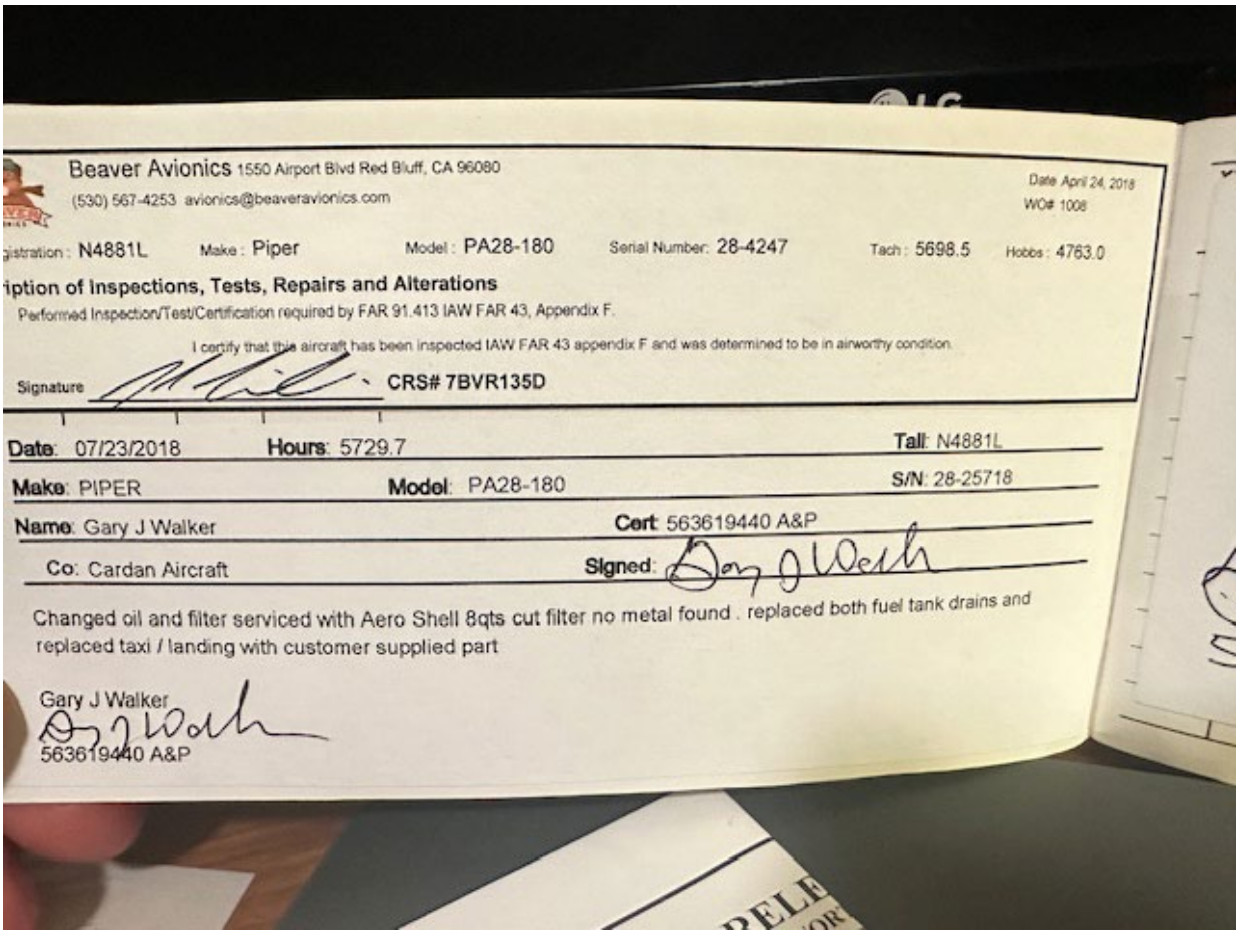
Registration: N4881L Make: Piper Model: PA28-180 Serial Number: 28-4247 Tach: 5698.5 Hobbs: 4763.0

Description of Inspections, Tests, Repairs and Alterations

1. Removed equipment. See weight & balance revision dated 4/23/18.
2. Installed serviceable Garmin GMA340 audio panel p/n 011-00401-10 s/n 96275981 IAW Install Manual p/n 190-00149-01 rev L.
3. Installed serviceable Garmin GNS430W GPS/Nav/Comm p/n 011-01060-00 s/n 23433630 IAW STC install manual p/n 190-00356-02 rev M. Installed AFMS p/n 190-00356-03 rev F into flight manual. Provided Pilot's Guide p/n 190-00356-00 rev K and Quick Reference Guide p/n 190-00356-01 rev K.
4. Installed new Appareo Stratus ES transponder p/n 153510-000069 s/n 200803 and 2i receiver p/n 153510-000037 s/n 2I002362 IAW STC install manual p/n 600840-000032 rev 2.0. Installed AFMS p/n 606586-000075 rev 2.0 into flight manual. Provided Pilot's Guide p/n 600890-000049 rev 2.0.
5. Installed new Garmin G5 Electronic Flight Display p/n K10-00280-00 s/n 4JQ016878 IAW STC install manual p/n 190-01112-10 rev 13. Installed AFMS p/n 190-01112-13 rev 5 into flight manual. Provided Pilot's Guide p/n 190-0112-12 rev 3.
6. Installed ACK A30 blind encoder s/n 127876.
7. Weight and balance and equipment revised. FAA 337 forms filed.

This aircraft, airframe, or appliance identified above was altered or repaired IAW current regulations of the FAA and is approved for return to service.

Signature CRS# 7BVR135D



Beaver Avionics 1550 Airport Blvd Red Bluff, CA 96080
(530) 567-4253 avionics@beaveravionics.com

Date April 24, 2018
WO# 1008

gistration: N4881L Make: Piper Model: PA28-180 Serial Number: 28-4247 Tach: 5698.5 Hobbs: 4763.0

iption of Inspections, Tests, Repairs and Alterations

Performed Inspection/Test/Certification required by FAR 91.413 IAW FAR 43, Appendix F.

I certify that this aircraft has been inspected IAW FAR 43 appendix F and was determined to be in airworthy condition.

Signature CRS# 7BVR135D

Date: 07/23/2018 Hours: 5729.7 Tail: N4881L

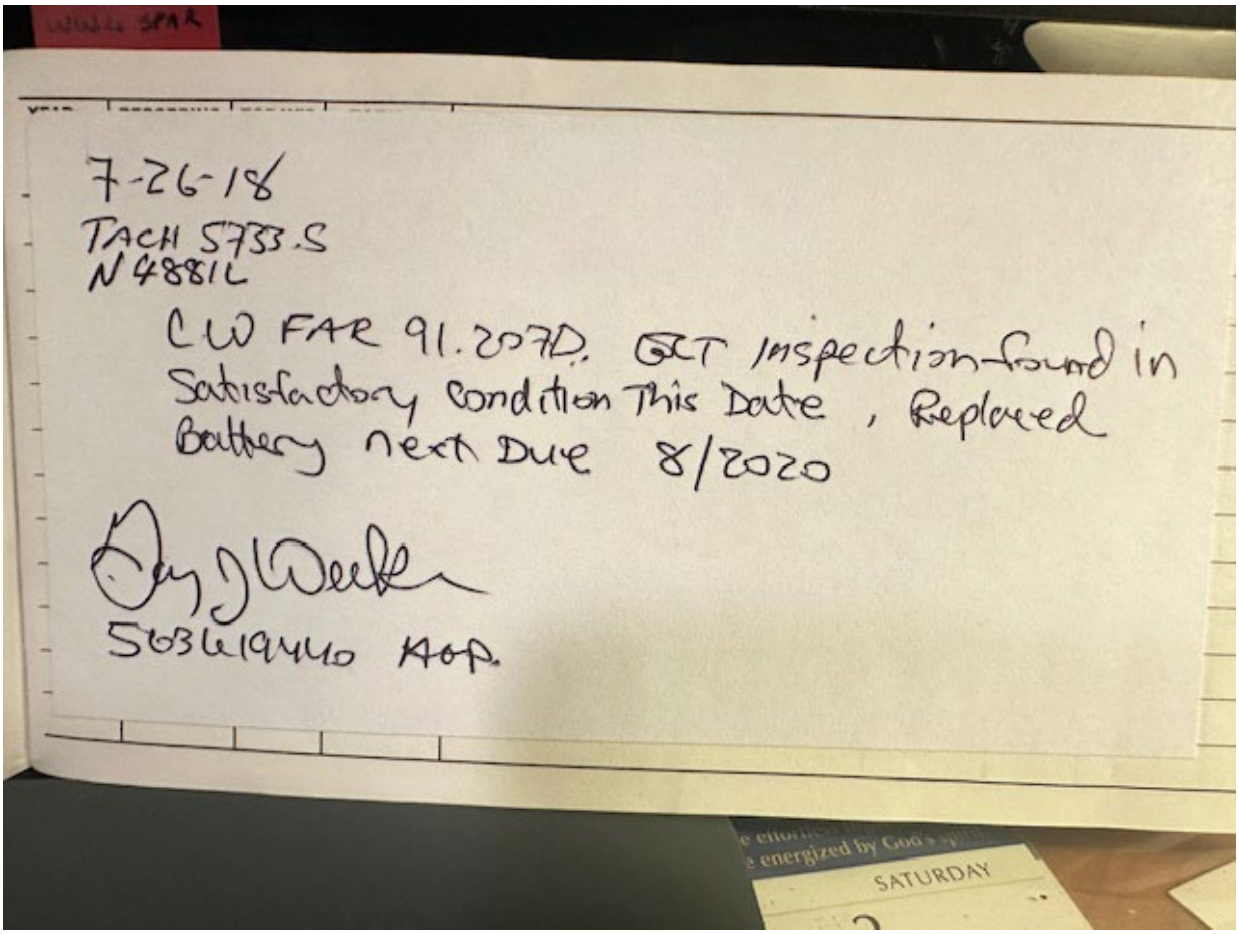
Make: PIPER Model: PA28-180 S/N: 28-25718

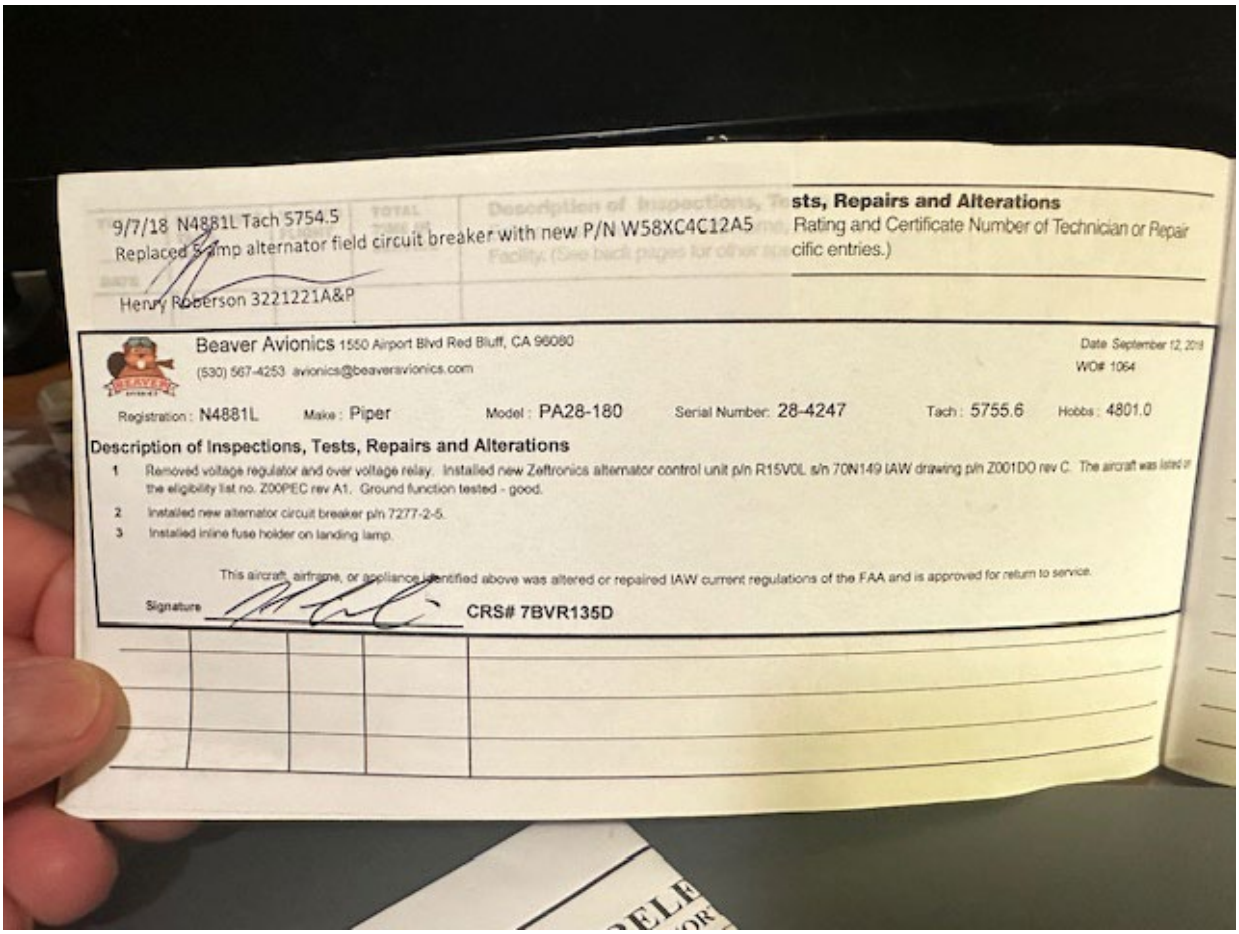
Name: Gary J Walker Cert: 563619440 A&P

Co: Cardan Aircraft Signed:

Changed oil and filter serviced with Aero Shell 8qts cut filter no metal found . replaced both fuel tank drains and replaced taxi / landing with customer supplied part

Gary J Walker
563619440 A&P


7-26-18
TACH 5733.5
N4881L
CW FAR 91.207D. ELT Inspection found in
Satisfactory Condition This Date, Replaced
Battery next Due 8/2020
5036194440 A&P
SATURDAY



9/7/18 N4881L Tach 5754.5
Replaced 5 amp alternator field circuit breaker with new P/N W58XC4C12A5

Henry Roberson 3221221A&P

sts, Repairs and Alterations
Rating and Certificate Number of Technician or Repair
cific entries.)

Beaver Avionics 1550 Airport Blvd Red Bluff, CA 96080
(530) 567-4253 avionics@beaveravionics.com

Date September 12, 2018
WO# 1064

Registration: N4881L Make: Piper Model: PA28-180 Serial Number: 28-4247 Tach: 5755.6 Hobbs: 4801.0

Description of Inspections, Tests, Repairs and Alterations

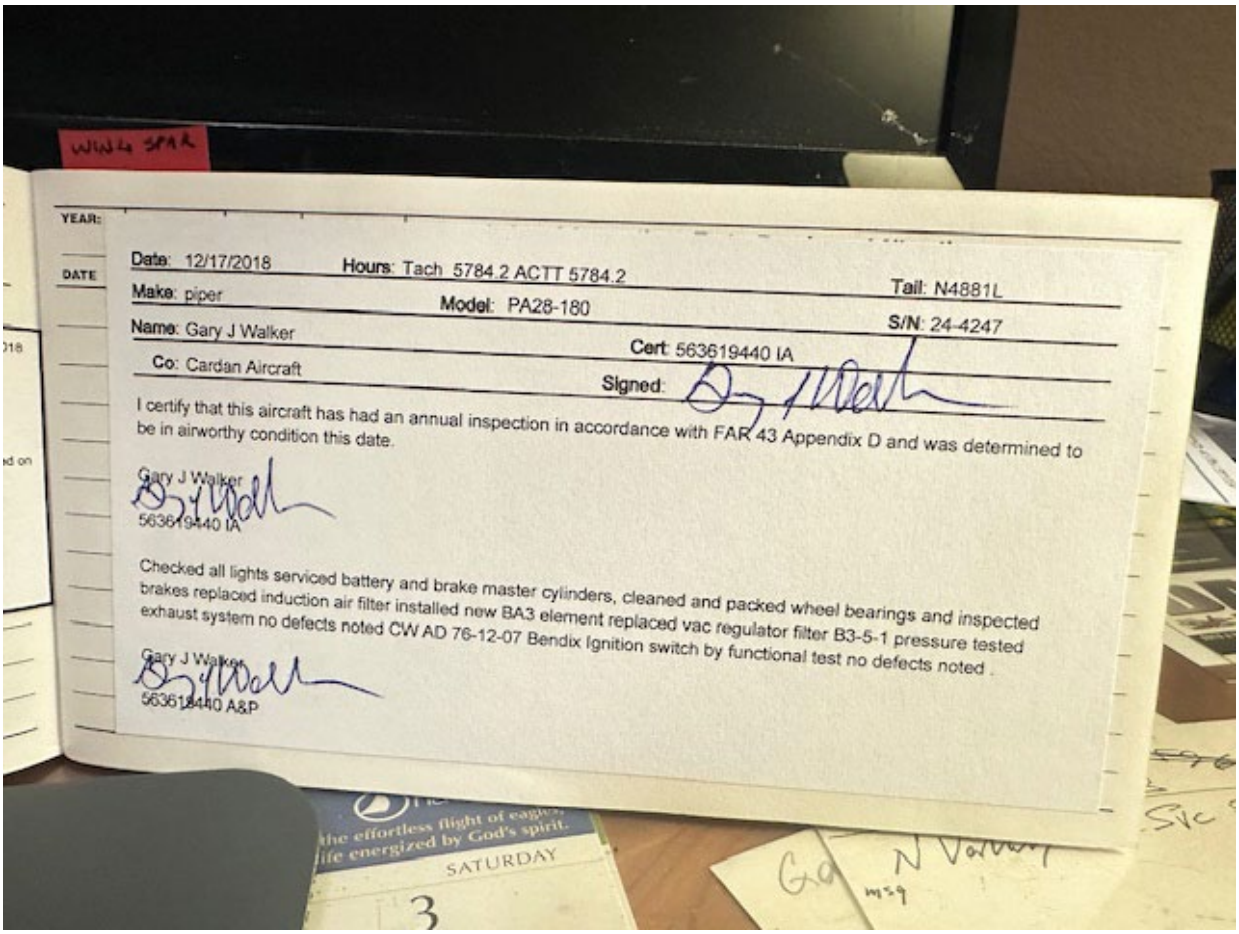
1 Removed voltage regulator and over voltage relay. Installed new Zeftronics alternator control unit p/n R15V0L s/n 70N149 IAW drawing p/n Z001DO rev C. The aircraft was listed on the eligibility list no. Z00PEC rev A1. Ground function tested - good.

2 Installed new alternator circuit breaker p/n 7277-2-5.

3 Installed inline fuse holder on landing lamp.

This aircraft, airframe, or appliance identified above was altered or repaired IAW current regulations of the FAA and is approved for return to service.

Signature CRS# 7BVR135D



YEAR:

DATE

Date: 12/17/2018 Hours: Tach 5784.2 ACTT 5784.2 Tail: N4881L

Make: piper Model: PA28-180 S/N: 24-4247

Name: Gary J Walker Cert: 563619440 IA

Co: Cardan Aircraft Signed:

I certify that this aircraft has had an annual inspection in accordance with FAR 43 Appendix D and was determined to be in airworthy condition this date.

Gary J Walker
563619440 IA

Checked all lights serviced battery and brake master cylinders, cleaned and packed wheel bearings and inspected brakes replaced induction air filter installed new BA3 element replaced vac regulator filter B3-5-1 pressure tested exhaust system no defects noted CW AD 76-12-07 Bendix Ignition switch by functional test no defects noted .

Gary J Walker
563619440 A&P

SATURDAY

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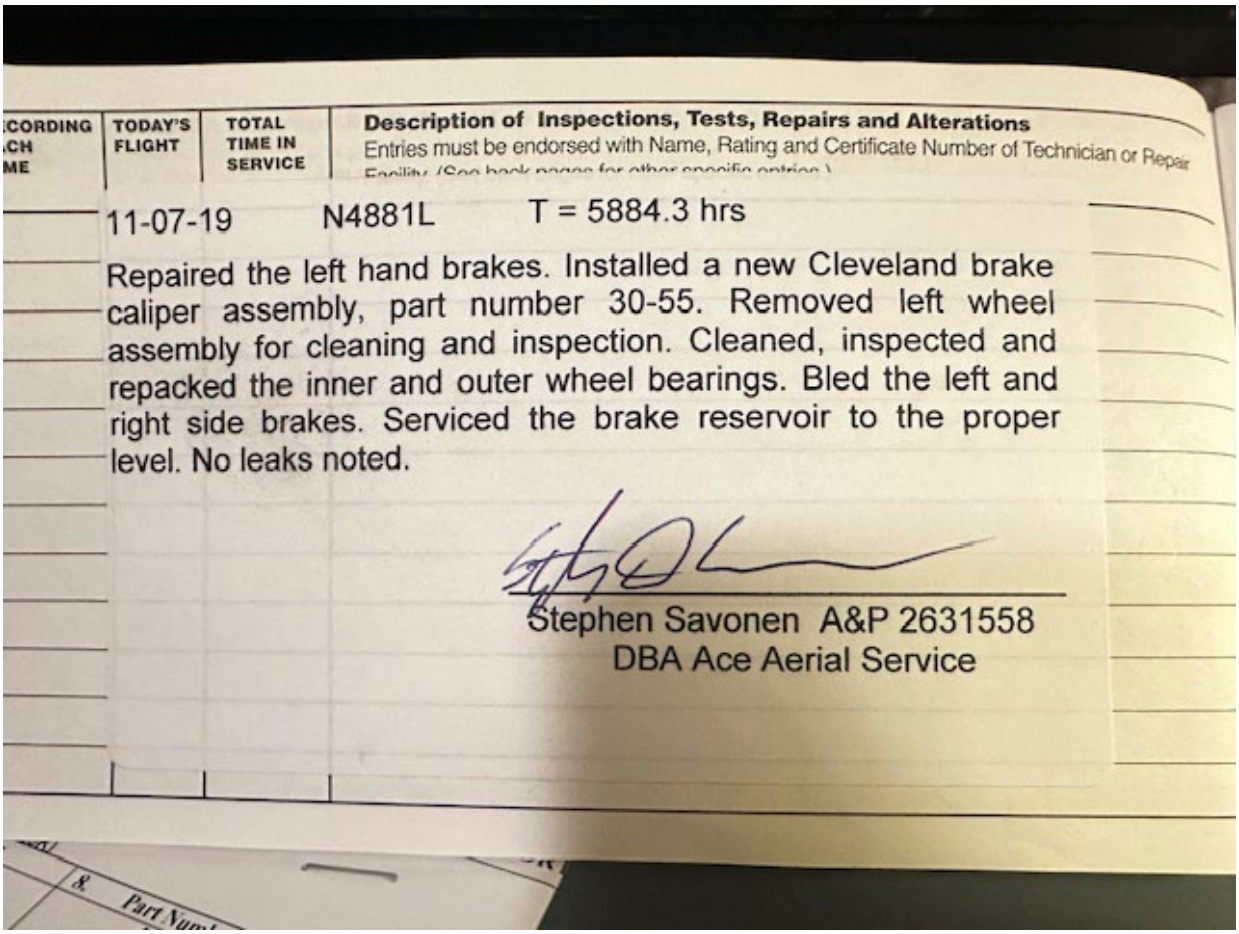
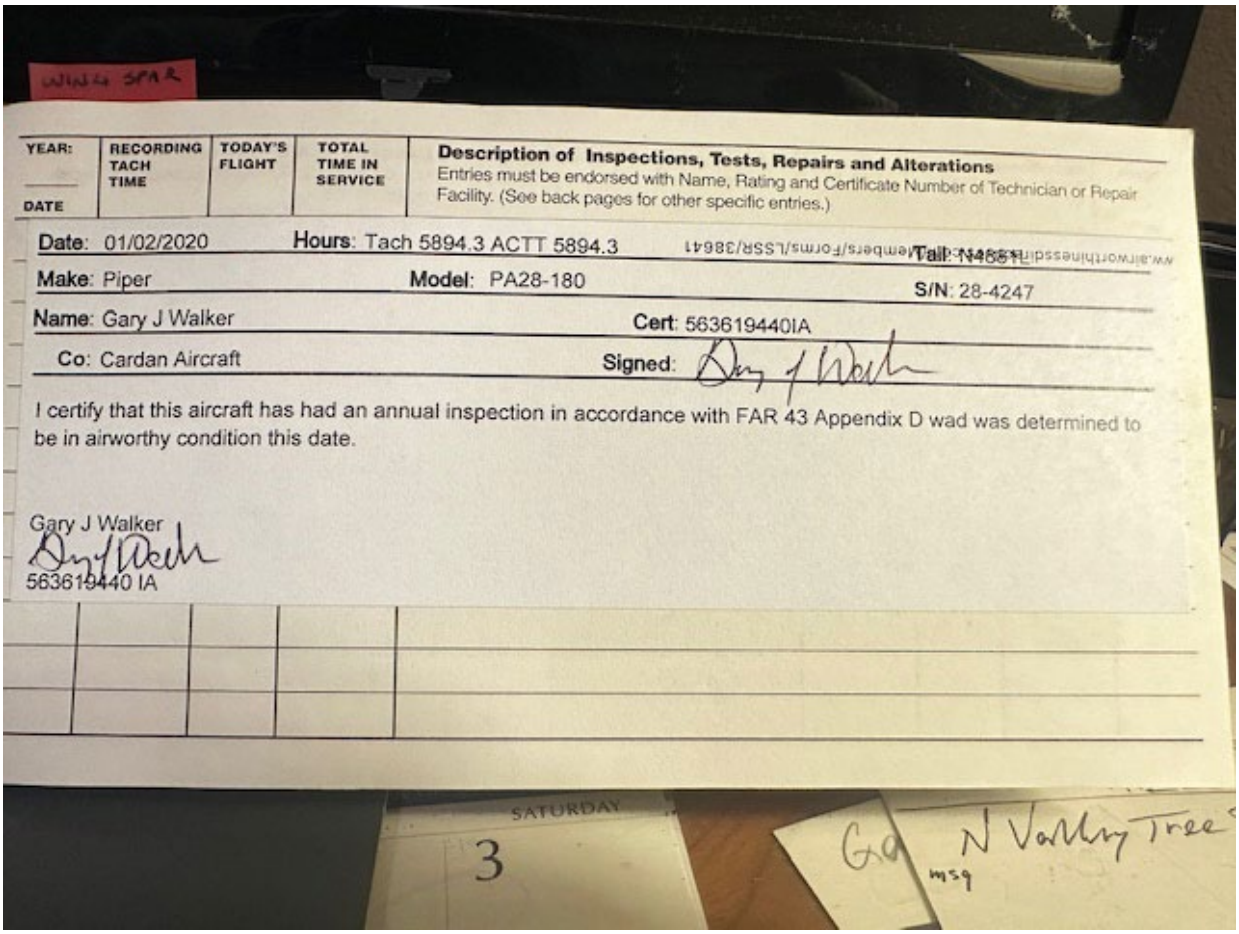


CORDING CH ME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility (See back pages for other specific entries.)
			11-07-19 N4881L T = 5884.3 hrs Repaired the left hand brakes. Installed a new Cleveland brake caliper assembly, part number 30-55. Removed left wheel assembly for cleaning and inspection. Cleaned, inspected and repacked the inner and outer wheel bearings. Bled the left and right side brakes. Serviced the brake reservoir to the proper level. No leaks noted. Stephen Savonen A&P 2631558 DBA Ace Aerial Service



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YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 01/02/2020 Hours: Tach 5894.3 ACTT 5894.3 Tail: N4651L

Make: Piper Model: PA28-180 S/N: 28-4247

Name: Gary J Walker Cert: 563619440IA

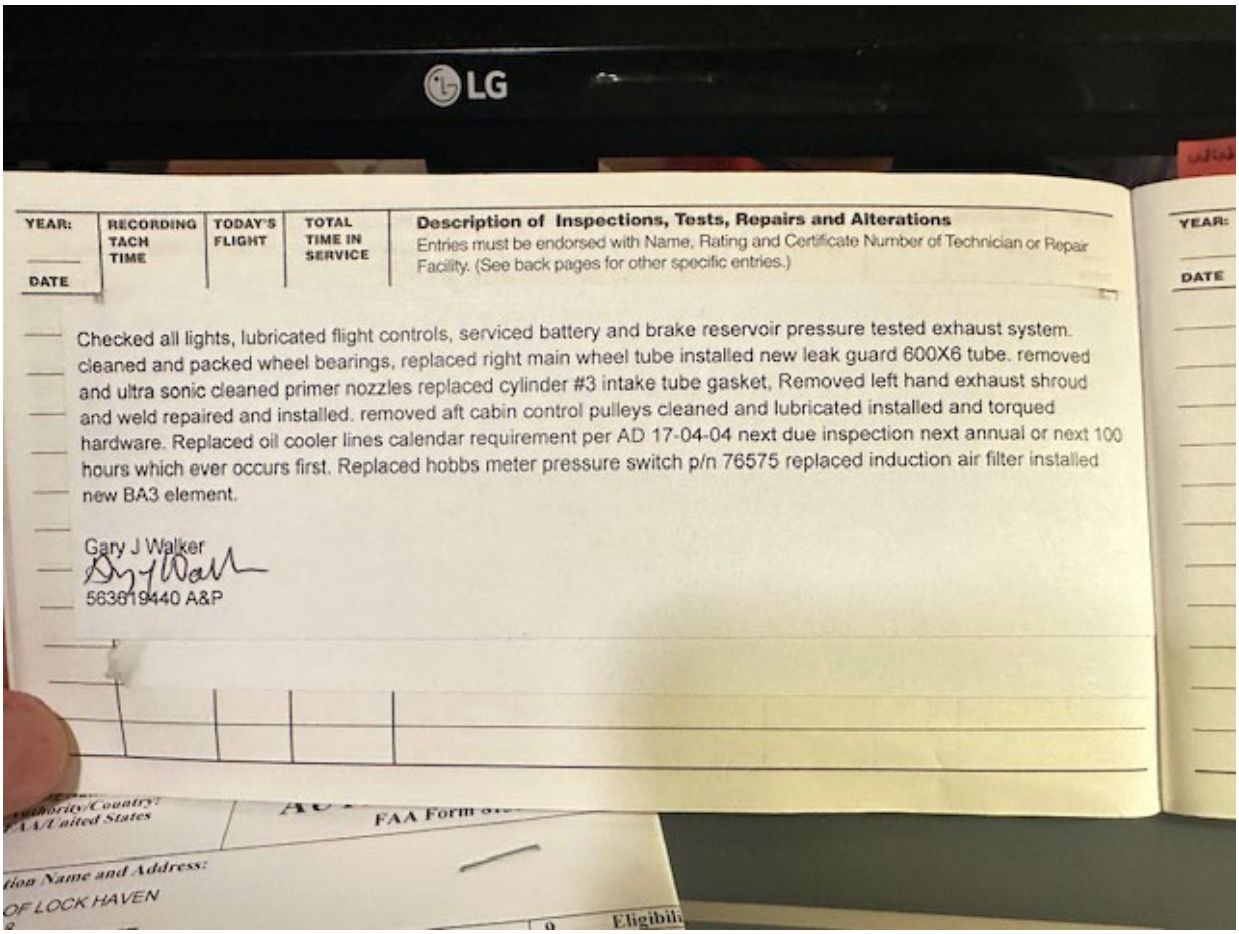
Co: Cardan Aircraft Signed: Gary J Walker

I certify that this aircraft has had an annual inspection in accordance with FAR 43 Appendix D wad was determined to be in airworthy condition this date.

Gary J Walker
Gary J Walker
563619440 IA

SATURDAY
3

N Valley Tree



YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Checked all lights, lubricated flight controls, serviced battery and brake reservoir pressure tested exhaust system. cleaned and packed wheel bearings, replaced right main wheel tube installed new leak guard 600X6 tube. removed and ultra sonic cleaned primer nozzles replaced cylinder #3 intake tube gasket, Removed left hand exhaust shroud and weld repaired and installed. removed aft cabin control pulleys cleaned and lubricated installed and torqued hardware. Replaced oil cooler lines calendar requirement per AD 17-04-04 next due inspection next annual or next 100 hours which ever occurs first. Replaced hobbs meter pressure switch p/n 76575 replaced induction air filter installed new BA3 element.

Gary J Walker

563619440 A&P

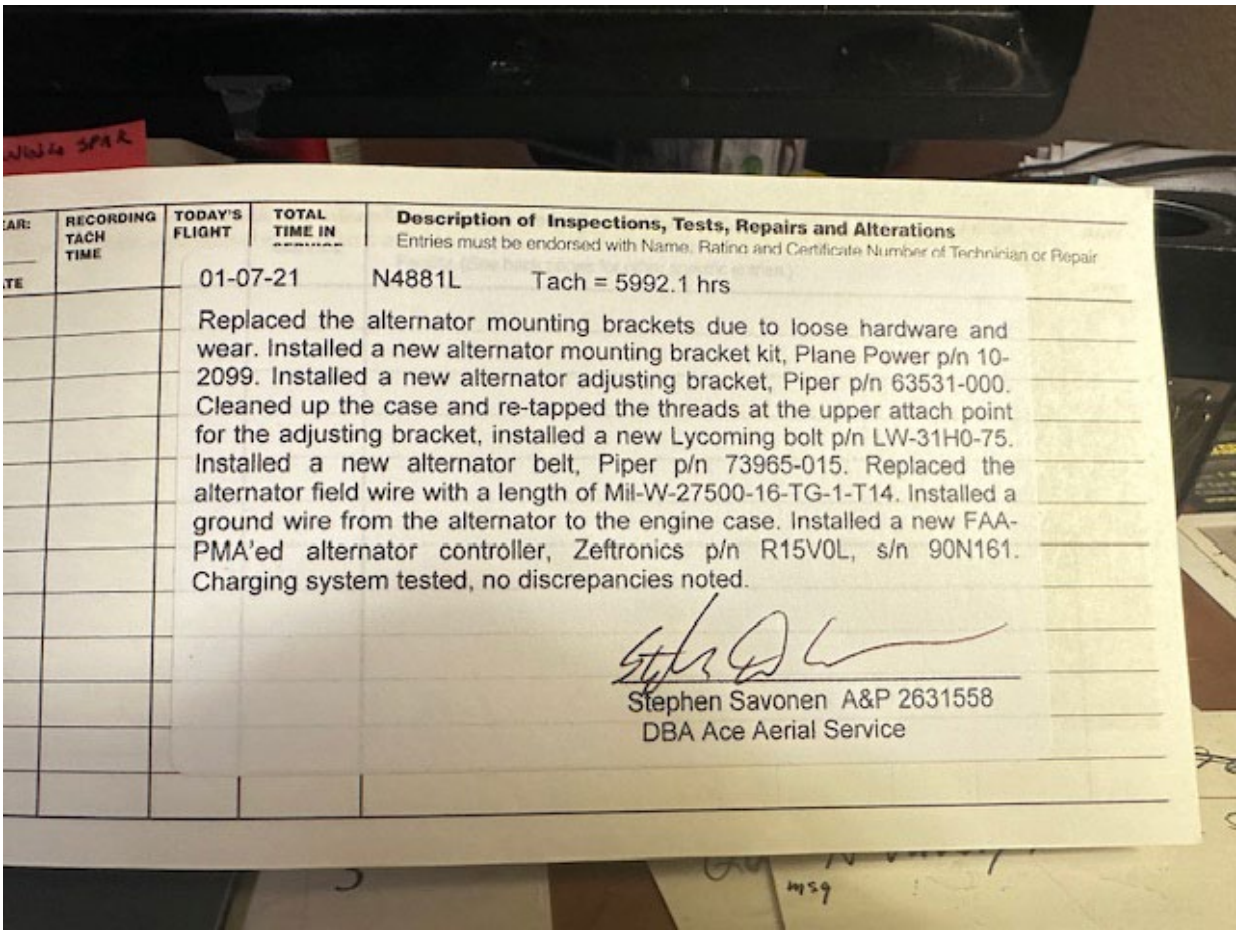
YEAR: / DATE

FAA Form

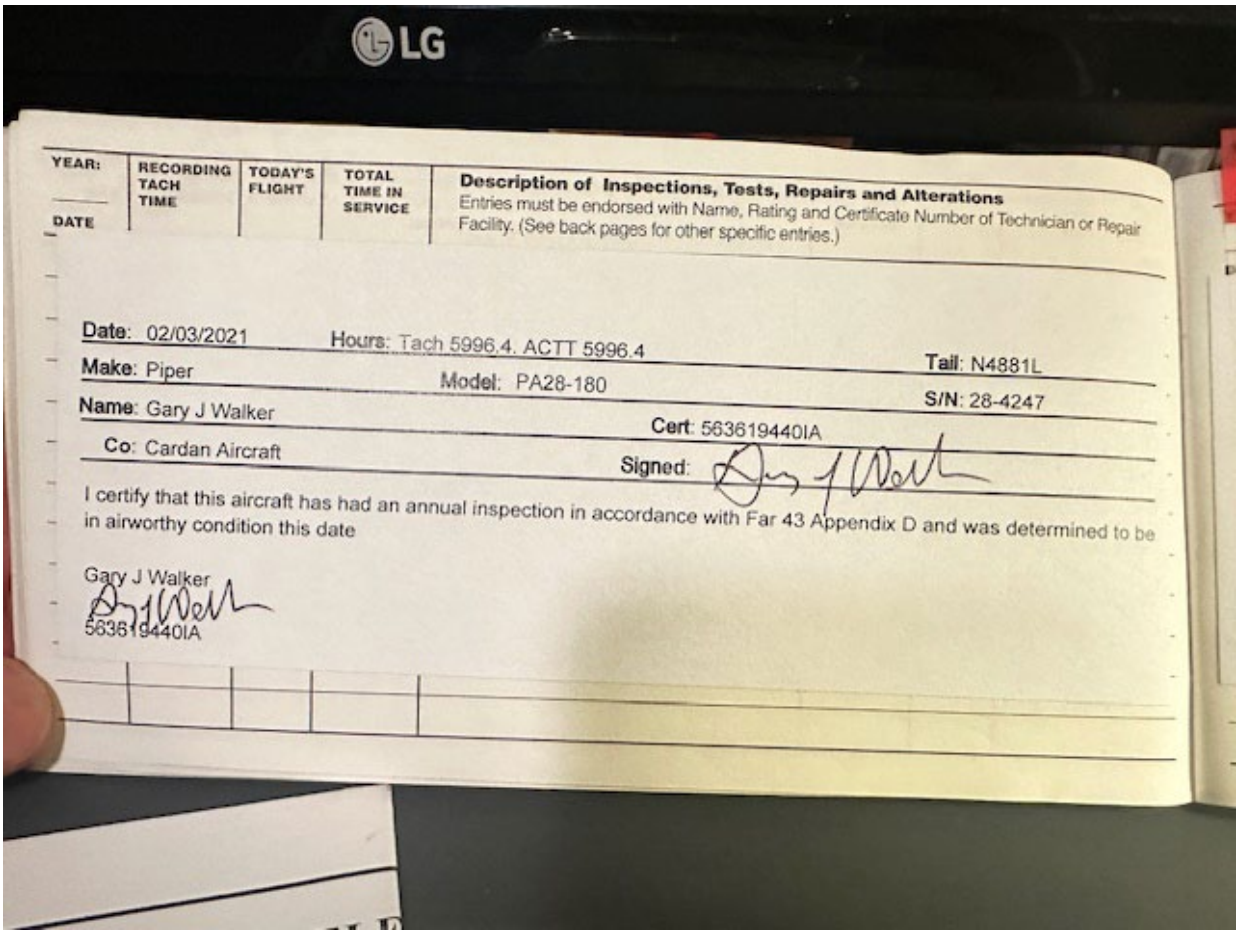
Name and Address:

OF LOCK HAVEN

Eligibil



AR: / TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
				01-07-21 N4881L Tach = 5992.1 hrs Replaced the alternator mounting brackets due to loose hardware and wear. Installed a new alternator mounting bracket kit, Plane Power p/n 10-2099. Installed a new alternator adjusting bracket, Piper p/n 63531-000. Cleaned up the case and re-tapped the threads at the upper attach point for the adjusting bracket, installed a new Lycoming bolt p/n LW-31H0-75. Installed a new alternator belt, Piper p/n 73965-015. Replaced the alternator field wire with a length of Mil-W-27500-16-TG-1-T14. Installed a ground wire from the alternator to the engine case. Installed a new FAA-PMA'ed alternator controller, Zeftronics p/n R15V0L, s/n 90N161. Charging system tested, no discrepancies noted. Stephen Savonen A&P 2631558 DBA Ace Aerial Service



YEAR: / DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Date: 02/03/2021 Hours: Tach 5996.4. ACTT 5996.4 Tail: N4881L

Make: Piper Model: PA28-180 S/N: 28-4247

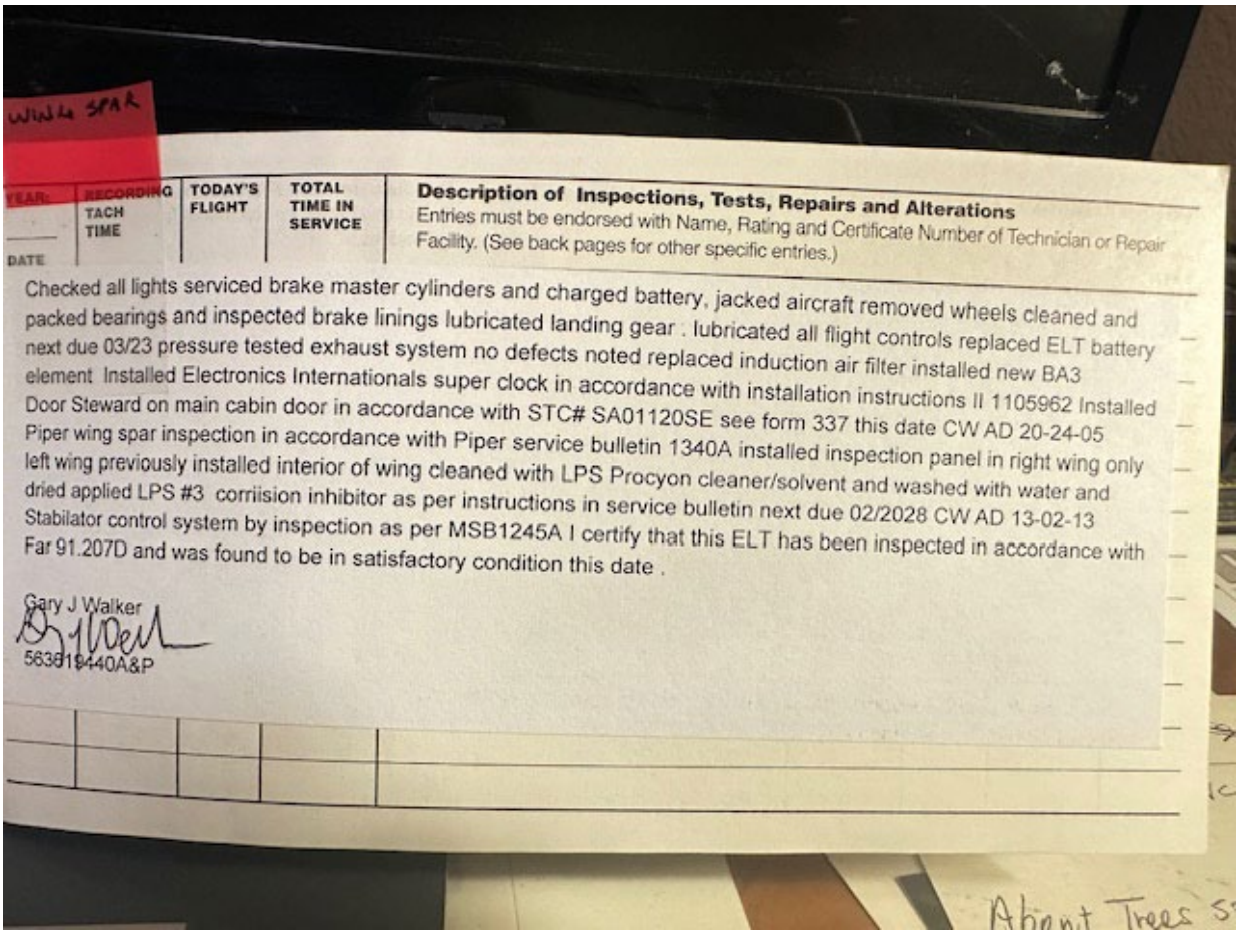
Name: Gary J Walker Cert: 563619440IA

Co: Cardan Aircraft Signed:

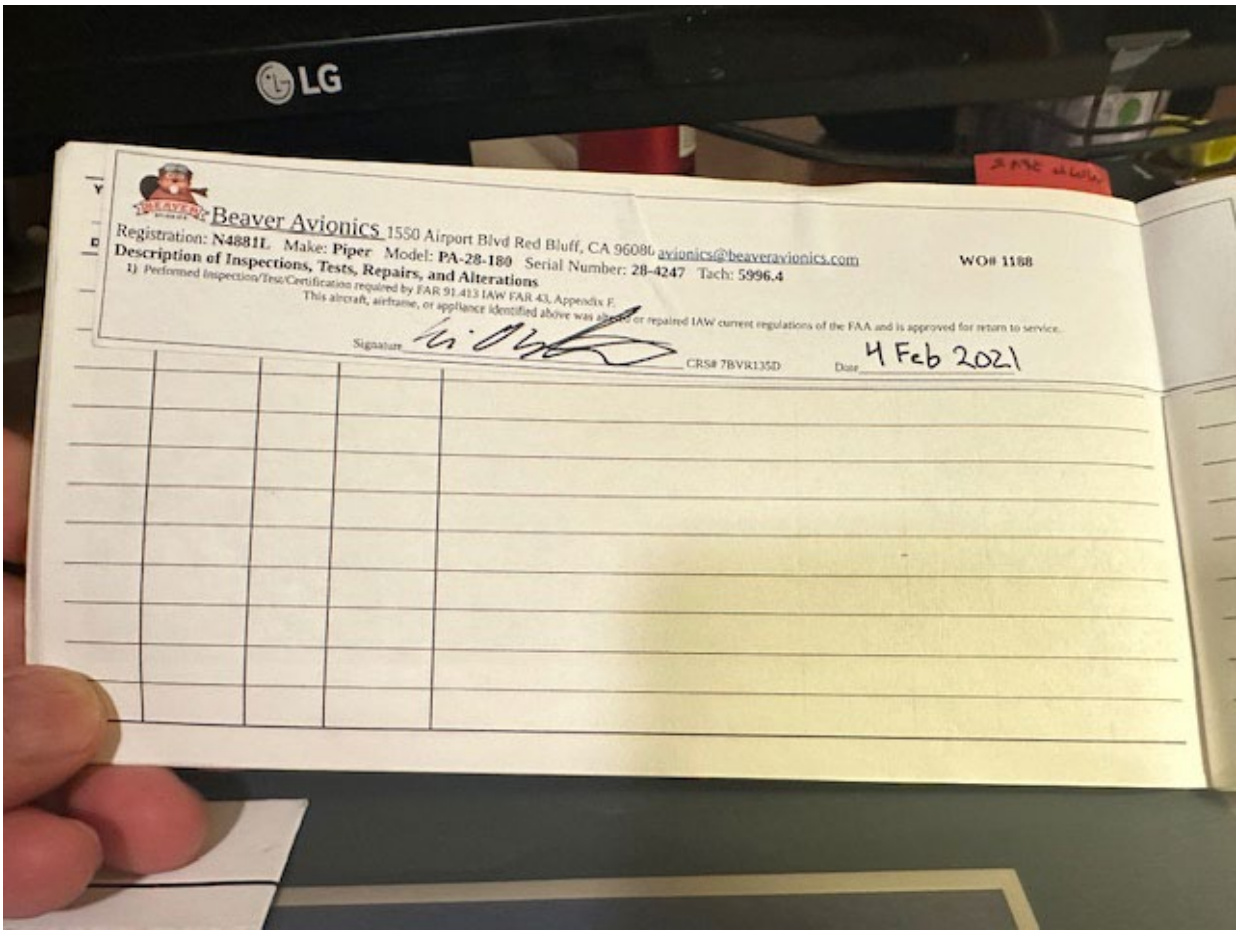
I certify that this aircraft has had an annual inspection in accordance with Far 43 Appendix D and was determined to be in airworthy condition this date

Gary J Walker

563619440IA



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Checked all lights serviced brake master cylinders and charged battery, jacked aircraft removed wheels cleaned and packed bearings and inspected brake linings lubricated landing gear . lubricated all flight controls replaced ELT battery next due 03/23 pressure tested exhaust system no defects noted replaced induction air filter installed new BA3 element Installed Electronics Internationals super clock in accordance with installation instructions II 1105962 Installed Door Steward on main cabin door in accordance with STC# SA01120SE see form 337 this date CW AD 20-24-05 Piper wing spar inspection in accordance with Piper service bulletin 1340A installed inspection panel in right wing only left wing previously installed interior of wing cleaned with LPS Procyon cleaner/solvent and washed with water and dried applied LPS #3 corriision inhibitor as per instructions in service bulletin next due 02/2028 CW AD 13-02-13 Stabilator control system by inspection as per MSB1245A I certify that this ELT has been inspected in accordance with Far 91.207D and was found to be in satisfactory condition this date . Gary J Walker 5638194 40A&P



Beaver Avionics 1550 Airport Blvd Red Bluff, CA 96080 avionics@beaveravionics.com

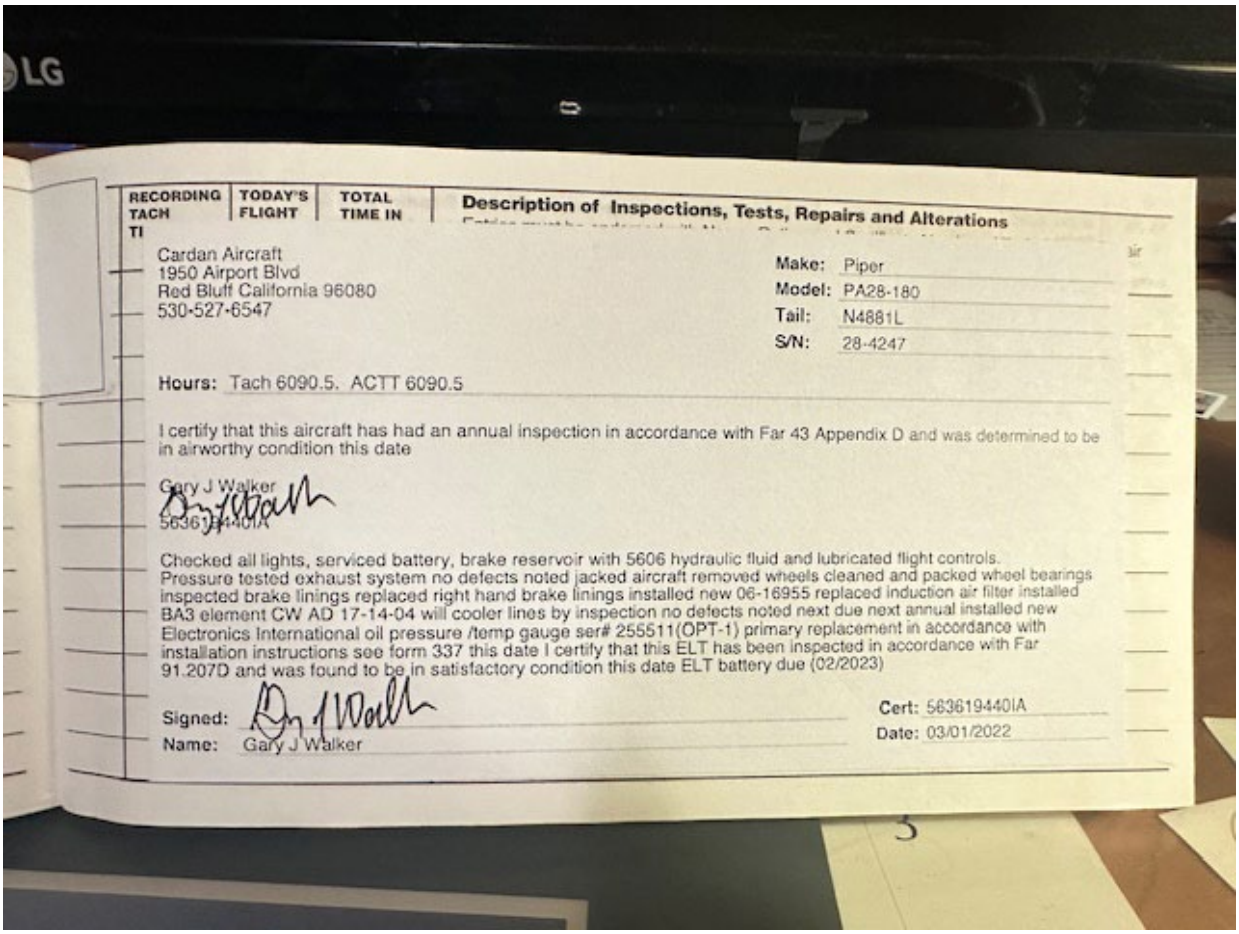
WO# 1188

Registration: N4881L Make: Piper Model: PA-28-180 Serial Number: 28-4247 Tach: 5996.4

Description of Inspections, Tests, Repairs, and Alterations

1) Performed Inspection/Test/Certification required by FAR 91.413 IAW FAR 43, Appendix F.
This aircraft, airframe, or appliance identified above was altered or repaired IAW current regulations of the FAA and is approved for return to service.

Signature _____ CRS# 7BVR135D Date 4 Feb 2021



RECORDING TACH TI	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations

Cardan Aircraft
1950 Airport Blvd
Red Bluff California 96080
530-527-6547

Make: Piper
Model: PA28-180
Tail: N4881L
S/N: 28-4247

Hours: Tach 6090.5. ACTT 6090.5

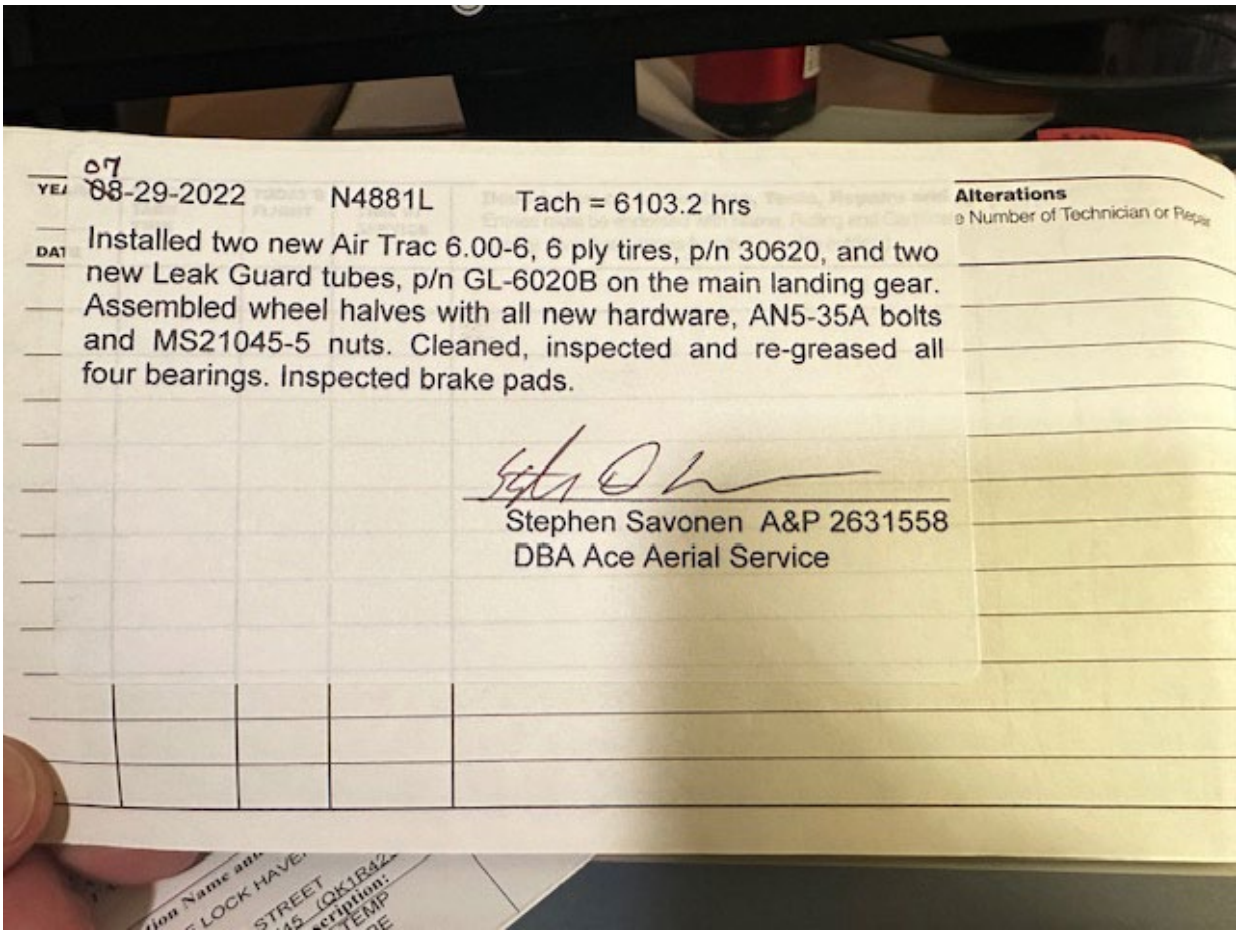
I certify that this aircraft has had an annual inspection in accordance with Far 43 Appendix D and was determined to be in airworthy condition this date

Gary J Walker
563619440IA

Checked all lights, serviced battery, brake reservoir with 5606 hydraulic fluid and lubricated flight controls. Pressure tested exhaust system no defects noted jacked aircraft removed wheels cleaned and packed wheel bearings inspected brake linings replaced right hand brake linings installed new 06-16955 replaced induction air filter installed BA3 element CW AD 17-14-04 will cooler lines by inspection no defects noted next due next annual installed new Electronics International oil pressure /temp gauge ser# 255511(OPT-1) primary replacement in accordance with installation instructions see form 337 this date I certify that this ELT has been inspected in accordance with Far 91.207D and was found to be in satisfactory condition this date ELT battery due (02/2023)

Signed:
Name: Gary J Walker

Cert: 563619440IA
Date: 03/01/2022

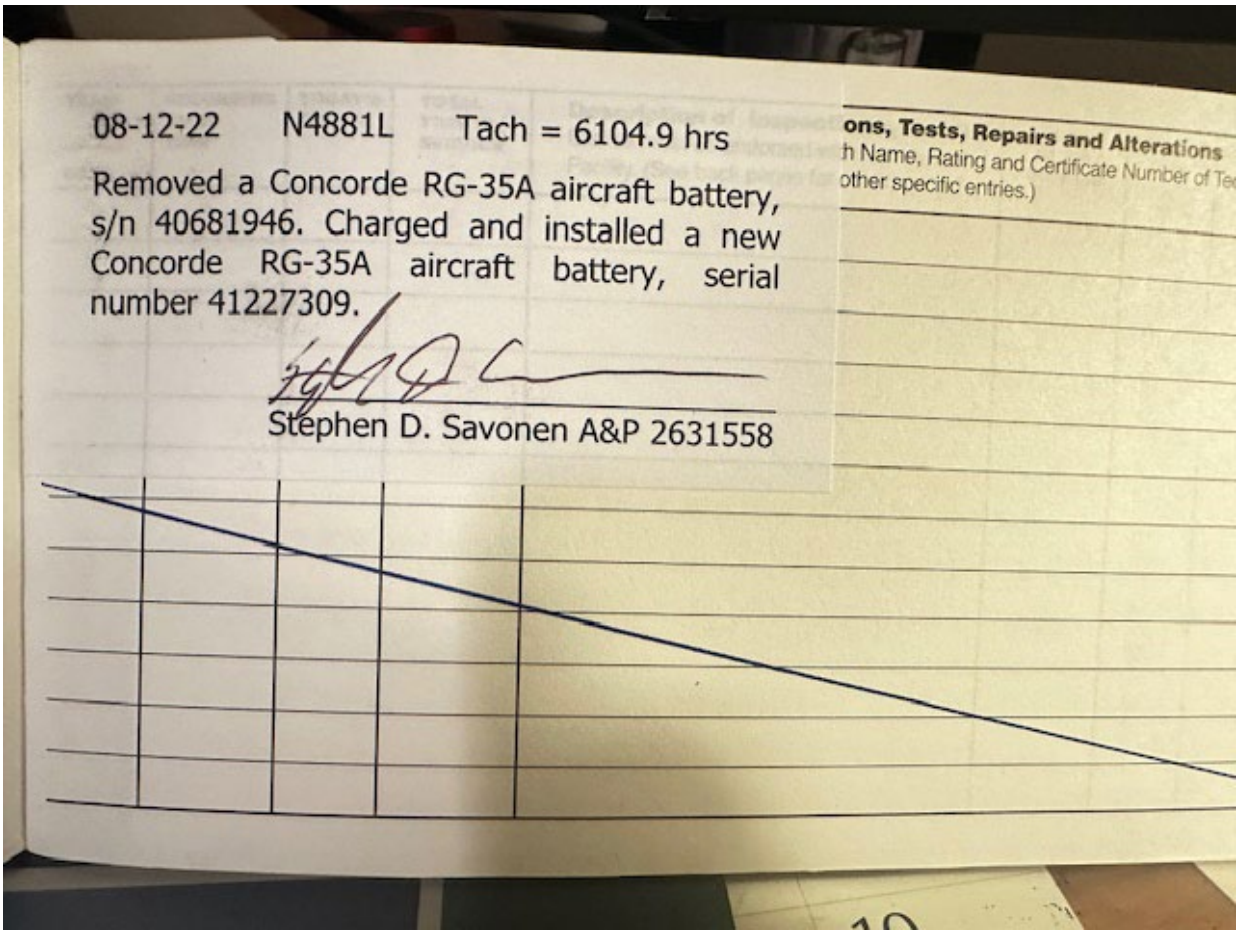


07
08-29-2022 N4881L Tach = 6103.2 hrs

Installed two new Air Trac 6.00-6, 6 ply tires, p/n 30620, and two new Leak Guard tubes, p/n GL-6020B on the main landing gear. Assembled wheel halves with all new hardware, AN5-35A bolts and MS21045-5 nuts. Cleaned, inspected and re-greased all four bearings. Inspected brake pads.

Stephen Savonen A&P 2631558
DBA Ace Aerial Service

Alterations
e Number of Technician or Repa

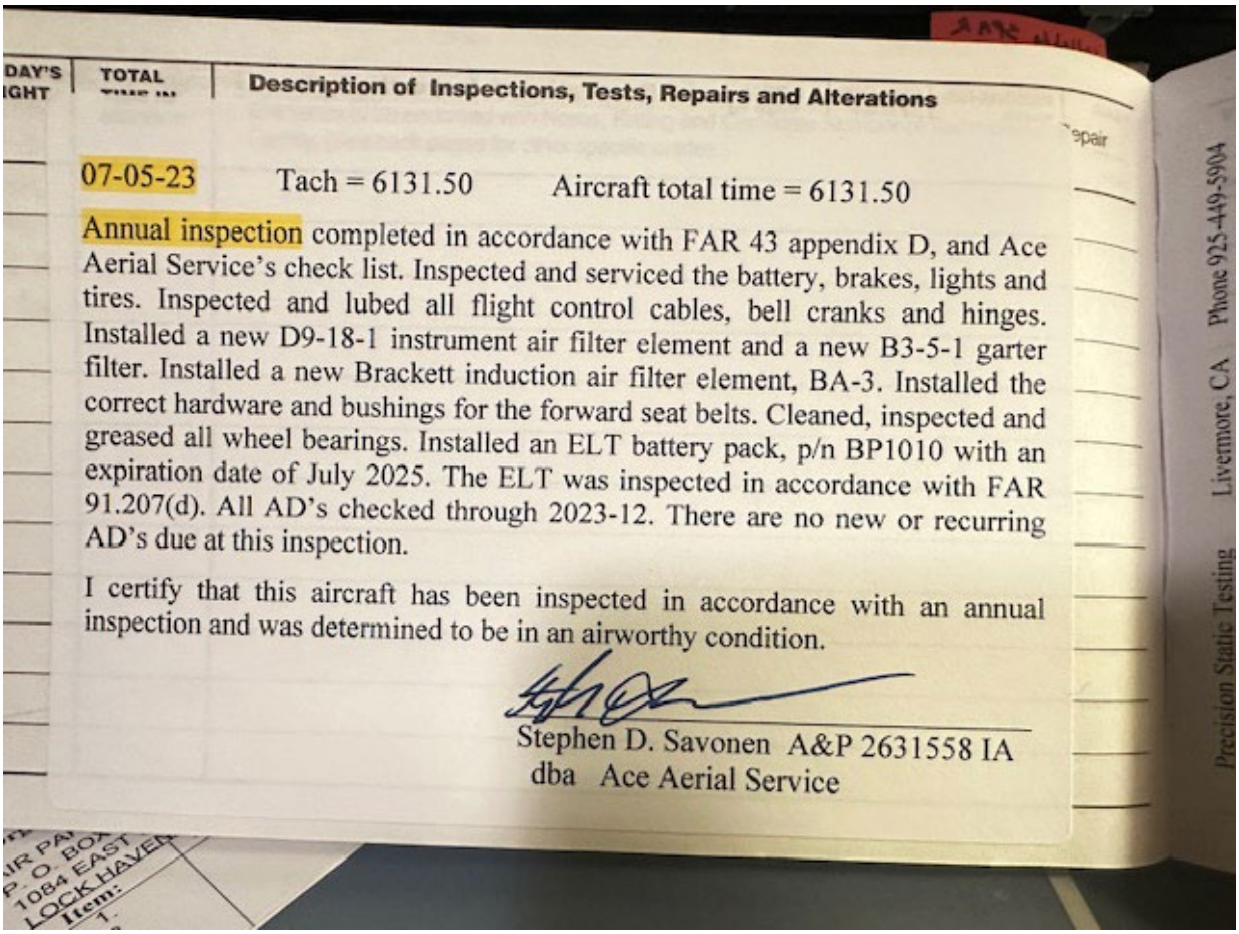


08-12-22 N4881L Tach = 6104.9 hrs

Removed a Concorde RG-35A aircraft battery, s/n 40681946. Charged and installed a new Concorde RG-35A aircraft battery, serial number 41227309.

Stephen D. Savonen A&P 2631558

ons, Tests, Repairs and Alterations
h Name, Rating and Certificate Number of Te
other specific entries.)



DAY'S FLIGHT | TOTAL | Description of Inspections, Tests, Repairs and Alterations

07-05-23 Tach = 6131.50 Aircraft total time = 6131.50

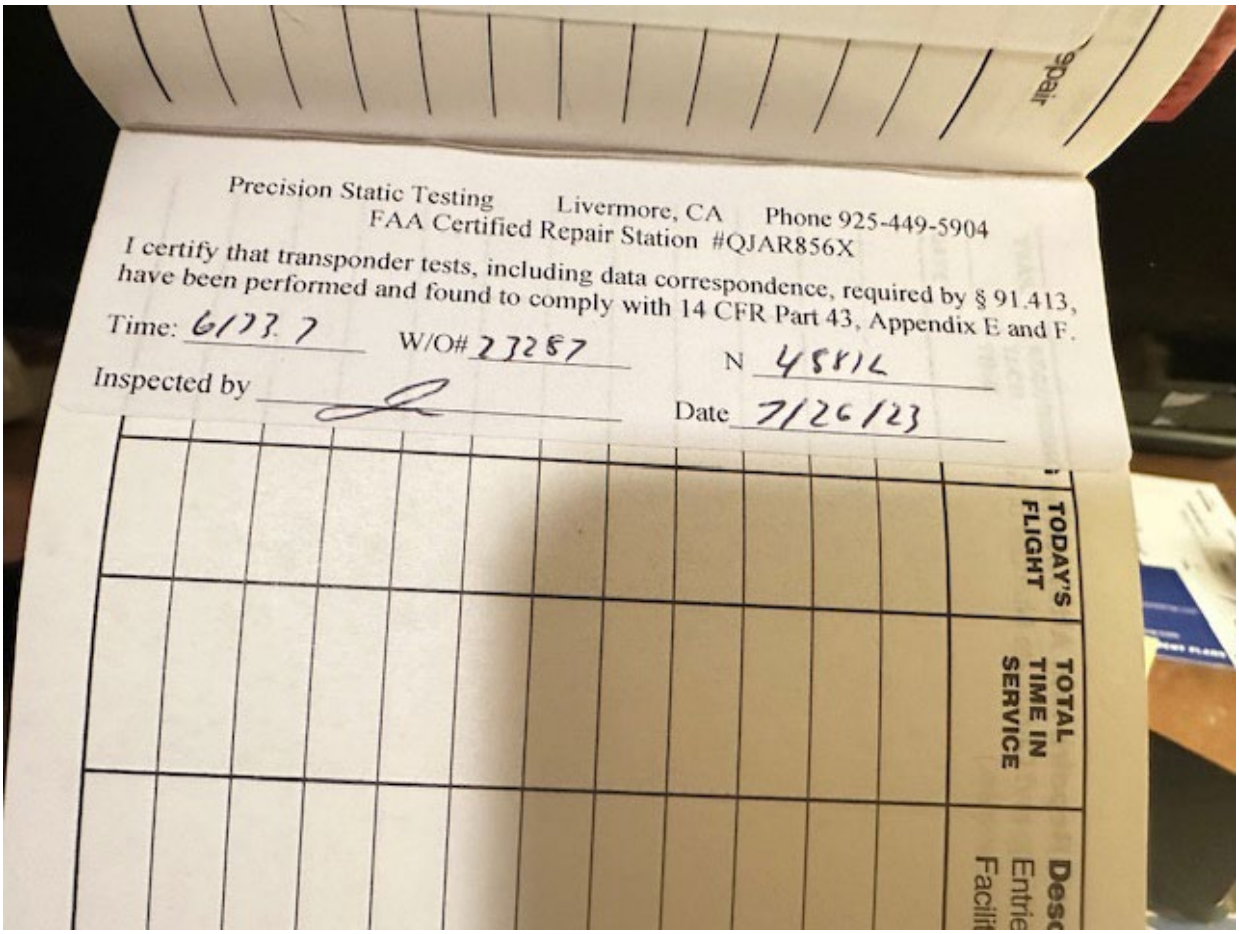
Annual inspection completed in accordance with FAR 43 appendix D, and Ace Aerial Service's check list. Inspected and serviced the battery, brakes, lights and tires. Inspected and lubed all flight control cables, bell cranks and hinges. Installed a new D9-18-1 instrument air filter element and a new B3-5-1 garter filter. Installed a new Brackett induction air filter element, BA-3. Installed the correct hardware and bushings for the forward seat belts. Cleaned, inspected and greased all wheel bearings. Installed an ELT battery pack, p/n BP1010 with an expiration date of July 2025. The ELT was inspected in accordance with FAR 91.207(d). All AD's checked through 2023-12. There are no new or recurring AD's due at this inspection.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Stephen D. Savonen A&P 2631558 IA
dba Ace Aerial Service

Precision Static Testing Livermore, CA Phone 925-449-5904

1084 EAST
LOCKHAVEN
Item:



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