

N2107E  
Log #4

Closed  
8/2025



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LOG

ASA-SA-2

Add ~~450.2~~ to tach reading - Actt  
4683.3  
ref logentry 11/04 + 2/3/94

## Aircraft Record General Information

Manufacturer Piper Model PA28-161  
Serial 28-7916162 Registration Number N 2107E  
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 \_\_\_\_\_  
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RECORDING TACH TIME	TODAYS 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.)
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501 Airport Road

Model PA-28-161

S/N 7916162

Reg. No. N2107E

Jefferson City, MO 65101

Date November 13, 2006

Hr. Mtr. 205.5

W/O # 7604

FAA CRS# J4YR693J

ACTT 3871.19 Installed new brake cylinder assemblies on both main gear. Bled brakes. checked for leaks, and taxi tested. Lubricated wheel bearings. Replaced both fuel tank drain valves. This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

Date 11-13-05



501 Airport Road

Model Piper PA28-161

S/N 7916162

Reg. No. N2107E

Jefferson City, MO 65101

Date December 4, 2006

Hr. Mtr. 217.3

W/O # 7631

FAA CRS# J4YR693J

Replaced batteries in ELT. Next recommended battery replacement is 12/07. Complied with FAR 91.207(d) ELT inspection by visual inspection and operational check. No discrepancies found. ACK EC01 s/n 48309

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

Date 12-4-06

YEAR:	RECORDING TACH TIME	TODAYS 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				

Ottens Aviation, 10998 Hwy 52, Versailles, Mo 65084, (573)378-6373

01/05/07 N2107E TACH 242.3 ACTT 4448.8

Complied with Annual inspection in accordance with FAR part 43 App. D. Complied with FAR 91.207 (D) ELT by visual and operational inspection. Battery due next 12/07. Replaced bracket air filter P/N BA-16. Removed inop EGT/CHT probes and gauge. Installed new Electronics International EGT/CHT probes and gauge no weight and balance change. Repaired fixed step. Repaired engine baffle between #3 & #4 cylinders. Replaced rivnut on muffler shroud. Balanced nose wheel assembly. Research Ad's through 2006-26. See AD list. Complied with the following Ad 95-26-13 oil cooler hoses, by inspection. I certify that this Airframe has been inspected in accordance with a Annual inspection and determined to be in an airworthy condition this date and returned to service.

James Rhea A&P 496863493 IA



**Columbia Avionics, Inc.**  
**Columbia, Missouri 65201**  
**CRS C42R104N**

Date: 1/29/07

Make: Piper

Reg: N2107E

Hour Meter: 1280.7

Model: PA-28-161

Tach Time: 1260.7

S/N: 28-7916162

1. The altimeter, United P/N 5934P-1, S/N M9244, encoder, Narco AR-850, S/N 36450 and static system was tested and certified IAW FAR 43 appendix E as required by FAR 91.411, to an altitude of 20,000 feet.

The altimeter and encoder correspondence was tested to 20,000 feet.

The transponder, King KT-76A, S/N 10005 was tested IAW FAR 43 appendix F, as required by FAR 91.413.

**AD 98-14-03 Allied Signal Inc. on KT-76A transponders not applicable by serial number.**

**I certify that this Repair, Maintenance or Alteration has been performed IAW current Federal Aviation Regulations and is Approved for return to service. Pertinent details on work order #6046.**

*[Signature]*

Inspector



**Columbia Avionics, Inc.**  
**Columbia, Missouri 65201**  
**CRS C42R104N**

Date: 2/2/07

Make: Piper

Reg: N2107E

Hour Meter: 1280.7

Model: PA-28-161

Tach Time: 1260.7

S/N: 28-7916162

1. Removed #1 Nav/Com, Bendix/King KX-165 P/N 069-1025-21, S/N 6259. Repaired and tested unit IAW Bendix/King M.M. P/N 006-05179-0009, Rev. 9, dated 5/99. Reinstalled unit. Functional test good.
2. Removed #2 Nav/Com, Bendix/King KX-155 P/N 069-1024-30, S/N 16227. Repaired and tested unit IAW Bendix/King M.M. P/N 006-05179-0009, Rev. 9, dated 5/99. Reinstalled unit. Removed failed portable radio antenna coupler and bypassed. Functional test good.
3. Removed GPS, Bendix/King KLN-89 P/N 066-01148-1111, S/N 101283. Updated database to cycle 0701. Reinstalled GPS. Functional test good.
4. Installed missing VOR composite jumper and OBS equivalent circuit to repair digital radial function of #1 Nav. Functional test good.

**I certify that this Repair, Maintenance or Alteration has been performed IAW current Federal Aviation Regulations and is Approved for return to service. Pertinent details on work order #6046.**

**IFICAT**  
**TAG**

*[Signature]*

Inspector

YEAR:

RECORD  
TACH  
TIME

DATE



**FLYING SERVICE**

501 Airport Road

Model PA-28-161

S/N 7916162

Reg. No. N2107E

Jefferson City, MO 65101

Date April 5, 2007

Hr. Mtr. 323.1

W/O # 7764

FAA CRS# J4YR693J

Removed existing electric fuel pump. Installed new electric fuel pump, s/n 5928, and checked operation.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

*[Signature]*

Date 4-5-07



**FLYING SERVICE**

501 Airport Road

Model PA-28-161

S/N 7916162

Reg. No. N2107E

Jefferson City, MO 65101

Date April 27, 2007

Hr. Mtr. 334.9

W/O # 7784

FAA CRS# J4YR693J

Replaced panel light dimmer potentiometer switch with new. Installed new transistor for switch. Repaired shorted wire in lower panel lighting circuit. Checked light operation.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

*[Signature]*

Date 4-27-07

YEAR:

DATE



Model Piper PA28-161 Date 2/22/2008  
 S/N 7916162 Hr. Mtr. 476.1  
 Reg. No. N2107E W/O # 8051  
 501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

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ACTT 4683.3h. Completed inspection with reference to Piper Cherokee Warrior Service Manual inspection form. C/W FAR 91.207(d) on annual ELT inspection, installed new batteries, batteries next due 2/2009. AD 95-26-13 (ref: AMOC-96-01) on oil cooler hose inspection is N/A, Type C hoses installed, no further action required. C/W AD 76-07-12R1 on Bendix ignition switch inspection/operation, no defects noted. C/W annual and biennial Precise Flight Shuttle valve inspections, no defects noted. Installed new air filter-to-carb heat box duct and heat muff-to-carb heat box duct. Installed new fuel cap gaskets as needed. Installed new stiffener p/n 683-024 on R/H wing lower inboard. Installed new fuel tank placards on both left and right wings. Installed both new aft attach rod ends on flaps with new hardware. Installed all (3) new pulleys on stabilator trim motor. Installed 2 new hinges on stabilator trim tab. Installed new bolt and bushing at push-pull rod attach point on stabilator trim drum. Installed new nose landing gear strut bumper. Fabricated, painted and installed new nose gear top forward fairing cover from .032 aircraft aluminum. Removed corrosion from stabilator trim attach bracket, prepped, primed, painted and reinstalled on stabilator. Resealed all cabin windows as needed. Repaired engine baffling as needed. Removed corrosion from aircraft belly, prepped, primed and painted area as needed. Repaired aircraft main battery box as needed with fiberglass. Installed new diode in "VAC" annunciator circuit as needed. Tensioned all flight control cables as needed and saftied. Removed aircraft main battery and installed serviceable battery - G-35 s/n G02259988.

This Aircraft was inspected in accordance with a **Annual** inspection and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Inspector

Date 2-22-08

YEAR:

DATE



Model Piper PA28-161 Date 2/22/2008  
 S/N 7916162 Hr. Mtr. 0.0  
 Reg. No. N2107E W/O # 8060  
 501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

ACTT 4683.3. Installed new tachometer p/n 98480-23 s/n 28516. Previous tach time: 476.1. This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

Date 2-22-08



501 Airport Road

Model Piper PA-28-161  
 S/N 28-7916162  
 Reg. No. N2107E  
 Jefferson City, MO 65101

Date 2/22/2008  
 Hr. Mtr. 476.1/0.0  
 W/O # AV-10083  
 CRS: J4YR693J

Removed Directional Gyro p/n IU262-003-14 and replaced with p/n IU262-003-14 s/n T51759K. Tested system after installation. Gyro serviceable per Mid-Continent Instruments WO# WRK0115225.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature

Date

2/22/2008



Model Piper PA-28-161 Date 3/20/2008  
S/N 28-7916162 Hr. Mtr. 19.5  
Reg. No. N2107E W/O # AV-10092  
Jefferson City, MO 65101 CRS: J4YR693J

Removed Roll Servo 1c363-1-430R s/n 26-42A for repair. Placarded autopilot inoperative & temporarily revised aircraft weight and balance to show servo removed.  
This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature *[Signature]* Date 3/20/2008



Model Piper PA-28-161 Date 3/25/2008  
S/N 28-7916162 Hr. Mtr. 21.5  
Reg. No. N2107E W/O # AV-10101  
Jefferson City, MO 65101 CRS: J4YR693J

Reinstalled autopilot roll servo p/n 1C363-1-430R s/n 26-42a after servo motor repair. Removed autopilot inoperative placard and removed temporary revised weight and balance. Roll Servo motor repaired serviceable per Aircraft System Inc, WO# 41273. Reinstalled servo and function tested system per Century Flight System IM.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature *[Signature]* Date 3/25/2008

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umber of  
entries.)

YEAR:	RECORDING TACH TIME	TODAYS 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				



Model Piper PA28-161 Date 5/2/2008  
S/N 7916162 Hr. Mtr. 1594.3  
Reg. No. N2107E W/O # 8118  
501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

Removed old stabilator tips. Paint and installed Met-Co-Aire stabilator tips per SD 2800. No weight change. FAA approval per Engineering Approval letter dated May 14, 1986 and Parts Manufacturing Approval, see attached copies.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature *[Signature]* Date 5-2-08



<b>Model</b>	Piper PA-28-161	<b>Date</b>	5/02/2008
<b>S/N</b>	28-7916162	<b>Hr. Mtr.</b>	52.7
<b>Reg. No.</b>	N2107E	<b>W/O #</b>	AV-10118
Jefferson City, MO 65101		<b>CRS:</b>	J4YR693J

Removed King kln89 gps. KMA 20 audio selector panel. KR85 ADF. KI 225 ADF indicator and Flight 403MC intercom. Installed Bendix/King KLN 90B GPS and Mid-continent MD41-324 annunciator control unit per Bendix/King Installation manual p/n 006-10521-006 Rev 6. GPS interfaced to existing Bendix/King KA 92 GPS antenna. Installed in reference to AC 43 13-1B Chapter 7, Section 2.4.5, AC 43 13-2A Chapter 2 paragraph 21-23, 27 & AC 20-138A. GPS system is to be used for VFR use only and is placarded "GPS is limited to VFR use only"

Installed PSEngineering PM 8000B audio selector panel with marker beacon receiver per PSEngineering incorporated, installation manual p/n 200-890-0100 REV 6 March 2007 installed in reference to AC 43 13-1B Chapter 7, Section 2.4.5, AC 43 13-2B Chapter 2 paragraph 201-203, 207. Revised weight and balance and equipment list

Tested Collins microline IN-350A navigation indicator s/n 3667 to be in serviceable condition per Collins microline service manual. Installed indicator & interfaced to the King KLN 90B GPS. Ops checked indicator per King KLN90B post installation test. Recertified Altitude reporting system and performed data correspondence check with altimeter per 14 CFR 91.411 & 91.217. Recertified transponder per 14 CFR 91.413.

This aircraft/article identified above was repaired and inspected and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature Ku/96e

Date 5/02/2008


YEAR:	RECORDING TACH TIME	TODAYS 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.)
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Model PA28-161 Date July 16, 2008  
S/N 7916162 Hr. Mtr. 148.6  
Reg. No. N2107E W/O # 8196  
501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR6931


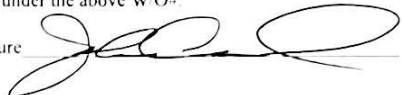
Installed both new Condor 6.00 X 6 main tires and tubes.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature 

Date 7-16-08

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YEAR:	RECORDING TACH TIME	TODAYS 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				
				<div style="display: flex; justify-content: space-between;"> <div>  <p><b>Jefferson City</b> <b>FLYING SERVICE</b></p> </div> <div> <p>Model Piper PA28-161 S/N 7916162 Reg. No. N2107E 501 Airport Rd, Jefferson City, MO 65101</p> </div> <div> <p>Date 4/15/2009 Hr. Mtr. 235.2 W/O # 8444 FAA CRS# J4YR693J</p> </div> </div> <p>Installed new ignition switch p/n A510-2 utilizing installation instructions provided in kit. Ground run and operational checks ok. This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.</p> <div style="display: flex; justify-content: space-between; align-items: center;"> <p>Signature</p>  <p>Date 4-15-09</p> </div>

YEAR:	RECORDING TACH TIME	TODAYS 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				



Model Piper PA-28-161 Date 7/07/2009  
 S/N 28-7916162 Hr. Mtr. 284.8  
 Reg. No. N2107E W/O # AV-10367  
 Jefferson City, MO 65101 CRS: J4YR693J

Aircraft was test flown & the Bendix/King KLN 90B GPS system meets the accuracy requirements of AC 20-138A. Inserted into aircraft flight manual the approved flight manual supplement dated 4/29/2009, referencing the installation of the GPS system on FAA form 337 dated 5/02/2008. Removed the "GPS not approved for IFR" placard. Aircraft now approved for IFR flight using the Bendix/King KLN 90B GPS system.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature *[Signature]*

Date 7/07/2009

YEAR:	RECORDING TACH TIME	TODAYS 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				



Model Piper PA-28-161 Date 7/23/2009  
 S/N 28-7916162 Hr. Mtr. 288.2  
 Reg. No. N2107E W/O # AV-10377  
 Jefferson City, MO 65101 CRS: J4YR693J

Repaired compass lighting by cleaning contacts. Replaced compass card holder p/n C23-806 and created new compass correction card p/n C23-807 per Piper Cherokee service manual magnetic compass adjustment procedure section 10-46.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O #.


Signature *[Signature]*

Date 7/23/2009

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

Altimeter Scale Correction			
Ait Reads	Add Algebraically	Ait Reads	Add Algebraically
-1000	10	14000	20
0	5	16000	80
500	5	18000	100
1000	10	20000	100
1500	5	22000	
2000	15	25000	
3000	10	30000	
4000	25	35000	
6000	40	40000	
8000	40	45000	
10000	50	50000	
12000	80		

	Work Order #	AV-10487
	Technician	PJE
	Date	2/16/2010

### Jefferson City Flying Service

501 Airport Road  
Jefferson City, MO 65101  
CRS: J4YR693J

Model: Piper PA28-161 Date: 2/16/2010  
S/N: 28-7916162 A/C Time: 334 Hour  
Reg No: N2107E W/O #: AV-10487

The Altimeter, Altitude Reporting System & Static System tests Required by 14 CFR 91.411 have been performed  
The Altimeter was tested to 20,000 feet

The Transponder has been tested and inspected in accordance with the requirements of 14 CFR 91.413

Altimeter: 5934P-1 S/N: M9244  
Transponder: King KT 76a S/N: 10005

This aircraft/article defined above was repaired and inspected and is approved for return to service. Details on File at this Repair Station under the above WO#

Signature

  
Paul Edwards

Date: 2/16/2010

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



Model: PA28-161

Date: 02-18-2010

S/N: 28-7916162

Hr. Mtr.: 1897.6

Reg. No.: N2107E

W/O #: AV-10488

501 Airport Road

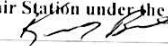
Jefferson City, MO 65101

CRS: J4YR693J



Removed King KA-60 DME antenna p/n071-1174-00. Installed new antenna p/n C1105 s/n 48011. Installed and tested IAW King DME install manual.



This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature



Date: 2/18/2010

YEAR:	RECORDING TACH TIME	TODAYS 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				
				<div style="display: flex; justify-content: space-between;"> <div>  <p><b>Jefferson City FLYING SERVICE</b></p> </div> <div> <p>Model Piper PA28-161 S/N 7916162 Reg. No. N2107E 501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J</p> </div> <div> <p>Date February 18, 2010 Hr. Mtr. 333.9 W/O # 8709</p> </div> </div> <p>ACTT 5017.2. Completed inspection with reference to Piper Cherokee Warrior Service Manual inspection form. C/W AD 76-07-12R1 on Bendix ignition switch inspection/operation, no defects noted. C/W annual Precise Flight Shuttle valve inspections, no defects noted. Installed new induction air filter. Removed ACK Model E-01 ELT s/n 048309 from aircraft for repair. Fabricated "ELT NOT INSTALLED" placard and installed in plain view of pilot. Removed and reinstalled carburetor heat box after welding repair. Installed new Condor 5.00 X 5 6 ply nose tire with new inner tube and balanced nose wheel assembly. Installed Bogert Aviation Copper Electrical cables per Bogert Aviation STC# SA3531NM and Installation Instructions #2-6 Rev. A. See FAA form 337 dated 2-18-10.</p> <p>This <b>AIRCRAFT</b> was inspected in accordance with a <b>ANNUAL</b> inspection and is approved for return to service. Details on file at this Repair Station under the above W/O#.</p> <p>Inspector  Date <u>2-18-10</u></p>

YEAR:	RECORDING TACH TIME	TODAYS 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.)
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				<div style="display: flex; justify-content: space-between;"> <div>  <p><b>Jefferson City FLYING SERVICE</b></p> </div> <div> <p>Model PA28-161 S/N 7916162 Reg. No. N2107E 501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J</p> </div> <div> <p>Date 3/10/2010 Hr. Mtr. 343.1 W/O # 8741</p> </div> </div> <p>ACTT 5026.4 Installed new ELT p/n ACK E-01, s/n 62786 with new batteries. Tested remote system and complied with FAR 91.207(d) by visual and operational checks. Battery due MAR 2012. Removed placard from instrument panel.</p> <p>This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.</p> <p>Signature  Date <u>3-10-2010</u></p>

YAYS LIGHT	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.)
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Model PA28-161 Date March 24, 2010  
S/N 7916162 Hr. Mtr. 348.1  
Reg. No. N2107E W/O # 8752  
501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

Removed alternator s/n A-90160 and installed overhauled alternator p/n 4111810 s/n J100427 overhauled by Kelly Aerospace Energy Systems on their W/O # M251690. Ground ran aircraft and verified correct voltage output. Ops check good.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

Date 3-24-10



Model PA28-161 Date September 9, 2010  
S/N 7916162 Hr. Mtr. 380.2  
Reg. No. N2107E W/O # 8913  
501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

Installed all new orings in pilots right master cylinder and co-pilots right master cylinder. Bled brake system and serviced reservoir. Leak and ops check good.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Signature

Date 9-9-10

YEAR:	RECORDING TACH TIME	TODAYS 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				



Model Piper PA28-161 Date March 1, 2011  
S/N 7916162 Hr. Mtr. 422.1  
Reg. No. N2107E W/O # 9049  
501 Airport Rd, Jefferson City, MO 65101 FAA CRS# J4YR693J

ACTT 5105.4 Completed aircraft inspection with reference to Piper Inspection Report 230-802. Complied with FAR 91.207 (d) ELT inspection by visual inspection inspection and operational check. Installed new ELT batteries next recommended replacement is 3/2012. Complied with AD 10-15-10 Control wheel shaft by visual inspection per Piper SB 1197C. No defects noted.

Complied with Annual and Biennial Inspections for Precise Flight standby-by vacuum ICA. Installed new left and right tires supplied by owner. Installed Whelen PLED1L LED landing light p/n 01-0771424-10 per STC SA02212AK and Installation Instructions LED03-20 Rev. A. Filed FAA form 337 Installed owner supplied fuel cap tabs. Repaired lower hinge attach on cabin door. Replaced two stabilator trim pulleys just aft of cabin enclosure bulkhead.

This Aircraft was inspected in accordance with a Annual inspection and is approved for return to service. Details on file at this Repair Station under the above W/O#.

Inspector

Date 3-1-2011



Date: 3/12/2012 Make: Piper Reg: N2107E  
Tach: 480.7 Model: PA-28-161 Airframe Log  
Total: 5164.0 S/N: 28-7916162

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35.)

On this date completed a annual inspection with piper inspection Form PA 28-161 and Scope and Detail of FAR 43 Appendix D. Checked all interior & exterior lighting, all flight control surfaces and Rod ends, Checked aircraft exterior, serviced aircraft battery, installed new vacuum regulator filter, central filter, installed new induction air filter. C/W AD 93-05-06 Ignition Switch. (R-100/ Annual C/W FAR 91:207d on ELT annual inspection, battery next due 3/2016, Replace Brake Linings, Repacked all wheel bearings, checked wheels, tires, brake linings and discs. Ground ran aircraft checked for leaks. I certify that this aircraft has been inspected in accordance with an annual inspection and is approved for return to service.

*[Signature]* A&P 2739131 IA

Altimeter Scale Correction			
Alt Reads	Add Algebraically	Alt Reads	Add Algebraically
1000	0	14000	-40
0	+10	16000	-60
500	0	18000	-60
1000	0	20000	-60
1500	+10	22000	-60
2000	+10	24000	-60
2500	+10	26000	-60
3000	+10	28000	-60
3500	+10	30000	-60
4000	+10	32000	-60
4500	+10	34000	-60
5000	+10	36000	-60
5500	+10	38000	-60
6000	+10	40000	-60
6500	+10	42000	-60
7000	+10	44000	-60
7500	+10	46000	-60
8000	+10	48000	-60
8500	+10	50000	-60
9000	+10	52000	-60
9500	+10	54000	-60
10000	+10	56000	-60
10500	+10	58000	-60
11000	+10	60000	-60
11500	+10	62000	-60
12000	+10	64000	-60
12500	+10	66000	-60
13000	+10	68000	-60
13500	+10	70000	-60
14000	+10	72000	-60
14500	+10	74000	-60
15000	+10	76000	-60
15500	+10	78000	-60
16000	+10	80000	-60
16500	+10	82000	-60
17000	+10	84000	-60
17500	+10	86000	-60
18000	+10	88000	-60
18500	+10	90000	-60
19000	+10	92000	-60
19500	+10	94000	-60
20000	+10	96000	-60
20500	+10	98000	-60
21000	+10	100000	-60
21500	+10	102000	-60
22000	+10	104000	-60
22500	+10	106000	-60
23000	+10	108000	-60
23500	+10	110000	-60
24000	+10	112000	-60
24500	+10	114000	-60
25000	+10	116000	-60
25500	+10	118000	-60
26000	+10	120000	-60
26500	+10	122000	-60
27000	+10	124000	-60
27500	+10	126000	-60
28000	+10	128000	-60
28500	+10	130000	-60
29000	+10	132000	-60
29500	+10	134000	-60
30000	+10	136000	-60
30500	+10	138000	-60
31000	+10	140000	-60
31500	+10	142000	-60
32000	+10	144000	-60
32500	+10	146000	-60
33000	+10	148000	-60
33500	+10	150000	-60
34000	+10	152000	-60
34500	+10	154000	-60
35000	+10	156000	-60
35500	+10	158000	-60
36000	+10	160000	-60
36500	+10	162000	-60
37000	+10	164000	-60
37500	+10	166000	-60
38000	+10	168000	-60
38500	+10	170000	-60
39000	+10	172000	-60
39500	+10	174000	-60
40000	+10	176000	-60
40500	+10	178000	-60
41000	+10	180000	-60
41500	+10	182000	-60
42000	+10	184000	-60
42500	+10	186000	-60
43000	+10	188000	-60
43500	+10	190000	-60
44000	+10	192000	-60
44500	+10	194000	-60
45000	+10	196000	-60
45500	+10	198000	-60
46000	+10	200000	-60
46500	+10	202000	-60
47000	+10	204000	-60
47500	+10	206000	-60
48000	+10	208000	-60
48500	+10	210000	-60
49000	+10	212000	-60
49500	+10	214000	-60
50000	+10	216000	-60
50500	+10	218000	-60
51000	+10	220000	-60
51500	+10	222000	-60
52000	+10	224000	-60
52500	+10	226000	-60
53000	+10	228000	-60
53500	+10	230000	-60
54000	+10	232000	-60
54500	+10	234000	-60
55000	+10	236000	-60
55500	+10	238000	-60
56000	+10	240000	-60
56500	+10	242000	-60
57000	+10	244000	-60
57500	+10	246000	-60
58000	+10	248000	-60
58500	+10	250000	-60
59000	+10	252000	-60
59500	+10	254000	-60
60000	+10	256000	-60
60500	+10	258000	-60
61000	+10	260000	-60
61500	+10	262000	-60
62000	+10	264000	-60
62500	+10	266000	-60
63000	+10	268000	-60
63500	+10	270000	-60
64000	+10	272000	-60
64500	+10	274000	-60
65000	+10	276000	-60
65500	+10	278000	-60
66000	+10	280000	-60
66500	+10	282000	-60
67000	+10	284000	-60
67500	+10	286000	-60
68000	+10	288000	-60
68500	+10	290000	-60
69000	+10	292000	-60
69500	+10	294000	-60
70000	+10	296000	-60
70500	+10	298000	-60
71000	+10	300000	-60
71500	+10	302000	-60
72000	+10	304000	-60
72500	+10	306000	-60
73000	+10	308000	-60
73500	+10	310000	-60
74000	+10	312000	-60
74500	+10	314000	-60
75000	+10	316000	-60
75500	+10	318000	-60
76000	+10	320000	-60
76500	+10	322000	-60
77000	+10	324000	-60
77500	+10	326000	-60
78000	+10	328000	-60
78500	+10	330000	-60
79000	+10	332000	-60
79500	+10	334000	-60
80000	+10	336000	-60
80500	+10	338000	-60
81000	+10	340000	-60
81500	+10	342000	-60
82000	+10	344000	-60
82500	+10	346000	-60
83000	+10	348000	-60
83500	+10	350000	-60
84000	+10	352000	-60
84500	+10	354000	-60
85000	+10	356000	-60
85500	+10	358000	-60
86000	+10	360000	-60
86500	+10	362000	-60
87000	+10	364000	-60
87500	+10	366000	-60
88000	+10	368000	-60
88500	+10	370000	-60
89000	+10	372000	-60
89500	+10	374000	-60
90000	+10	376000	-60
90500	+10	378000	-60
91000	+10	380000	-60
91500	+10	382000	-60
92000	+10	384000	-60
92500	+10	386000	-60
93000	+10	388000	-60
93500	+10	390000	-60
94000	+10	392000	-60
94500	+10	394000	-60
95000	+10	396000	-60
95500	+10	398000	-60
96000	+10	400000	-60
96500	+10	402000	-60
97000	+10	404000	-60
97500	+10	406000	-60
98000	+10	408000	-60
98500	+10	410000	-60
99000	+10	412000	-60
99500	+10	414000	-60
100000	+10	416000	-60
100500	+10	418000	-60
101000	+10	420000	-60
101500	+10	422000	-60
102000	+10	424000	-60
102500	+10	426000	-60
103000	+10	428000	-60
103500	+10	430000	-60
104000	+10	432000	-60
104500	+10	434000	-60
105000	+10	436000	-60
105500	+10	438000	-60
106000	+10	440000	-60
106500	+10	442000	-60
107000	+10	444000	-60
107500	+10	446000	-60
108000	+10	448000	-60
108500	+10	450000	-60
109000	+10	452000	-60
109500	+10	454000	-60
110000	+10	456000	-60
110500	+10	458000	-60
111000	+10	460000	-60
111500	+10	462000	-60
112000	+10	464000	-60
112500	+10	466000	-60
113000	+10	468000	-60
113500	+10	470000	-60
114000	+10	472000	-60
114500	+10	474000	-60
115000	+10	476000	-60
115500	+10	478000	-60
116000	+10	480000	-60
116500	+10	482000	-60
117000	+10	484000	-60
117500	+10	486000	-60
118000	+10	488000	-60
118500	+10	490000	-60
119000	+10	492000	-60
119500	+10	494000	-60
120000	+10	496000	-60
120500	+10	498000	-60
121000	+10	500000	-60
121500	+10	502000	-60
122000	+10	504000	-60
122500	+10	506000	-60
123000	+10	508000	-60
123500	+10	510000	-60
124000	+10	512000	-60
124500	+10	514000	-60
125000	+10	516000	-60
125500	+10	518000	-60
126000	+10	520000	-60
126500	+10	522000	-60
127000	+10	524000	-60
127500	+10	526000	-60
128000	+10	528000	-60
128500	+10	530000	-60
129000	+10	532000	-60
129500	+10	534000	-60
130000	+10	536000	-60
130500	+10	538000	-60
131000	+10	540000	-60
131500	+10	542000	-60
132000	+10	544000	-60
132500	+10	546000	-60
133000	+10	548000	-60
133500	+10	550000	-60
134000	+10	552000	-60
134500	+10	554000	-60
135000	+10	556000	-60
135500	+10	558000	-60
136000	+10	560000	-60
136500	+10	562000	-60
137000	+10	564000	-60
137500	+10	566000	-60
138000	+10	568000	-60
138500	+10	570000	-60
139000	+10	572000	-60
139500	+10	574000	-60
140000	+10	576000	-60
140500	+10	578000	-60
141000	+10	580000	-60
141500	+10	582000	-60
142000	+10	584000	-60
142500	+10	586000	-60
143000	+10	588000	-60
143500	+10	590000	-60
144000	+10	592000	-60
144500	+10	594000	-60
145000	+10	596000	-60
145500	+10	598000	-60
146000	+10	600000	-60
146500	+10	602000	-60
147000	+10	604000	-60
147500	+10	606000	-60
148000	+10	608000	-60
148500	+10	610000	-60
149000	+10	612000	-60
149500	+10	614000	-60
150000	+10	616000	-60
150500	+10	618000	-60
151000	+10	620000	-60
1			

# Altitude Scale Correction



ABBOTT AVIATION TECHNOLOGIES

Avionics \* Maintenance \* Management

510 Airport Rd Jefferson City MO-65101

CRS: SATR073B

Model: Piper PA28-161 Date: 5-15-2014  
S/N: 28-7916162 A/C Time: 5188.5  
Reg NO: N2107E W/O: 1232

The Altitude Reporting System & Static System test Required by 14 CFR 91.411 have performed. The Altitude was tested to 18,700 Feet  
The Transponder has been tested and inspected in accordance with the requirements of 14 CFR 91.413

Altimeter: 5934P-1 S/N: M9244  
Encoder: AR-850 S/N: J6450  
Transponder: KI-76A S/N: 10905

This aircraft/article defined above was repaired and inspected and is

approved for return to service Details on file at this Repair Station under assigned Work Order # 1232

Signature: *[Signature]*

Date: 5-15-2014



ABBOTT AVIATION TECHNOLOGIES

Avionics \* Maintenance \* Management

Work Order #: 1232  
Technician: Jonathan Abbott  
Date: 5-15-2014

## 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.)

YEAR:

RECORDING  
TACH  
TIME

TODAYS  
FLIGHT

TOTAL  
TIME IN  
SERVICE

DATE

Jefferson City  
FLYING SERVICE  
501 Airport Road

Model: Piper PA-28-161  
S/N: 28-7916162  
Reg. No.: N2107E  
Jefferson City, MO 65101

Date: June 2, 2014  
Tach: 524.9  
W/O #: AV-101587  
FAA CRS# J4YR693J

Replaced magnetic compass with new P/N C2200L4. Found accuracy improved but not in tolerance. Troubleshoot system. Replaced compensator with high power compensator P/N C21-400HP. Replaced magnetized #2 Nav/Com mounting tray with used serviceable tray. Moved compass mount higher on windshield post. Taxied aircraft and performed compass swing using a calibrated sight compass. Found magnetic compass within tolerance. Made new correction card and installed in aircraft.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature: *[Signature]*

1. Approving Civil Aviation Authority/Country:	
2.	4. Organization Name and Address:  Jefferson 501 A
6.	



**ABBOTT AVIATION TECHNOLOGIES**  
AVIONICS MAINTENANCE MANAGEMENT  
573-761-3331

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



Date: 9/17/2016      Make: Piper      Reg: N2107E  
 Tach: 723.7      Model: PA-28-161      Airframe Log  
 Total: 5407.0      S/N: 28-7916162


On this date completed a annual inspection with piper inspection Form PA 28-161 and Scope and Detail of FAR 43 Appendix D. Checked all interior & exterior lighting, all flight control surfaces and Rod ends, Checked aircraft exterior, serviced aircraft battery, installed new vacuum regulator filter, central filter, installed new induction air filter. C/W AD 93-05-06 Ignition Switch. (R-100/ Annual C/W FAR 91:207d on ELT annual inspection, replaced battery, next due 9/2018, Replaced Right Main and Left Main tire and tube. Replaced fuel gascolator, replaced forward spinner bulkhead. Repacked all wheel bearings, checked wheels, tires, brake linings and discs. Ground ran aircraft checked for leaks. I certify that this aircraft has been inspected in accordance with an annual inspection and is approved for return to service.

 A&P 2739131 IA

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

Altimeter Scale Correction			
Alt. Reads	Add Algebraically	Alt. Reads	Add Algebraically
1000	0	14000	20
0	0	16000	40
500	-10	18000	40
1000	-10	20000	
1500	-10	22000	
2000	-10	25000	
3000	-10	30000	
4000	-10	35000	
6000	-10	40000	
8000	-10	45000	
10000	-10	50000	
12000	-10		

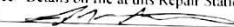
 ABBOTT AVIATION TECHNOLOGIES Avionics * Maintenance * Management	Work Order #	1316
	Technician:	Jonathan Abbott
	Date:	9-17-2016

  
 ABBOTT AVIATION TECHNOLOGIES  
 Avionics \* Maintenance \* Management  
 510 Airport Rd-Jefferson City MO-65101  
 CRS: SATR073B

Model: Piper PA28-161      Date: 9-17-2016  
 S/N: 28-7916162      A/C Time: 723.7  
 Reg NO: N2107E      W/O: 1316

The Altimeter, Altitude Reporting System & Static System test Required by 14 CFR 91.411 have performed. The Altimeter was tested to 18,000 Feet.  
 The Transponder has been tested and inspected in accordance with the requirements of 14 CFR 91.413.

Altimeter: 5934P-1      S/N: M9244  
 Encoder: AR 850      S/N: 36450  
 Transponder: KT-76A      S/N: 10004

approved for return to service. Details on file at this Repair Station under assigned Work Order # 1316  
 Signature:  Date: 9-17-2016

DATE \_\_\_\_\_



Model	Piper PA28-161	Date	Sep 01, 2017
S/N	28-7916162	Hr. Mtr.	793.7
Reg. No.	N2107E	W/O #	1708
		FAA CRS#	J4YR693J

ACTT 5477.0. I certify that this Aircraft has been inspected in accordance with an Annual Inspection and is approved for return to service. Inspection completed in accordance with FAR43 Appendix D referencing the Jefferson City Flying Service Single Engine Aircraft 100 Hour/Annual Inspection Checklist. Complied with AD 17-14-04 on oil cooler hoses by installing new Type D hoses, no further action required. Complied with FAR 91.207(d) on annual ELT inspection. Installed new ELT batteries, batteries next due 9/2018. Installed new ELT remote head battery, battery next due 7/2025. Complied with Precise Flight standby vacuum system annual and biennial inspections. Removed inline fuse from electric fuel pump per fuel pump wiring diagram. Installed new orings in both main landing gear brake calipers. Installed new right rear wing attach fitting per Piper S.B. 977. Installed new carburetor heat cable attach swivel fitting. Welded carburetor air box induction air inlet flange as needed and reinstalled. Installed new alternator belt and tensioned. Installed new forward propeller spinner bulkhead. Treated minor corrosion on aircraft belly and painted. Removed right wing from aircraft and installed both new doubler pans on right wing wingwalk panels. Reinstalled right wing with new attach hardware. Installed new gaskets on both fuel caps. Adjusted stop bolts on aileron tee bar as required and verified travel of ailerons. Installed new cabin step internal reinforcement plate. Treated stabilator attach fittings and floor in aircraft tail with corrosion prevention compound as needed. Installed new copilot seat backrest release knob. Removed and reinstalled copilot seat bottom frame after repair by Mike Rohlman ref. FAA form 337 dated 8-1-17. Installed new copilot seat backrest outboard stop bolt.

This aircraft/article identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Details on file at this Repair Station under the above W/O #.

Signature

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DATE \_\_\_\_\_



<b>Model</b>	Piper PA28-161	<b>Date</b>	Sep 03, 2017
<b>S/N</b>	28-7916162	<b>Hr. Mtr.</b>	7953
<b>Reg. No.</b>	N2107E	<b>W/O #</b>	1708

501 Airport Road, Jefferson City, MO 65101

Completed a calibration check flight per Precise Flight, Inc. SVS V Installation Manual 08072 section 3.1 for Jefferson City Flying Service CRS# J4YR693J

Signature 

Cert # 3358537

ADFRAME LOG BOOK ENTRY

Bernard D. Lemp

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
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### AIRFRAME LOG BOOK ENTRY

7/30/19 Tach: 841.8 Piper PA-28-161 s/n 28-7916162 N2107E

Checked landing light found wires hooked up wrong, re-attached wires correctly, checks good. Replaced one screw in fuel selector valve cover. Service left main strut w/ nitrogen.

Kenneth D. Terry for Lake Aviation Center  
Kenneth D. Terry A&P453909832 20 Airport Dr., Camdenton, MO 65020

### AIRFRAME LOG BOOK ENTRY

11/21/19 Tach: 848.8 TT: 5532.1 Piper PA-28-161 s/n 28-7916162 N2107E  
C/w ANNUAL inspection using Piper Warrior Inspection Report 230-802. Checked ELT unit per FAR 91.207(d), ops check good, batteries expiration date Jan/2023. Checked & charged aircraft battery. Checked lights & placards. Replaced air filter p/n BA16. Replaced vacuum regulator air filter p/n ARB3-5-1. Cleaned fuel screens. Checked flight controls & cables. Checked tires, wheels & brakes. Cleaned & repacked wheel bearings. Serviced brake reservoir. Lubed aircraft. AD 2013-02-13 stabilizer control system due 3/2020 or 7182 hours aircraft total time whichever occurs first. Replaced left aileron p/n 35640-00. Replaced forward exhaust pipe p/n A66894-03. Replaced nose wheel fairing p/n GF35838-10. AD's checked through bi-weekly 2019-23. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

Kenneth D. Terry for Lake Aviation Center  
Kenneth D. Terry A&P453909832IA 20 Airport Dr., Camdenton, MO 65020

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
2020 6/24	951.5		5634.8	Removed directional gyro part #52DS4 and replaced same part #, serial #75891F REF. AMM revision 2/28/95 paragraph 10-71. RTS pending function check and A:P approval. Changed oil and oil filter part # CH 48110-1. Added 7 qts of 20w-50 Aviation motor oil. RTS pending leak check by owner and owner signature. Nothing follows  <u>James Reader</u> Pending A:P A&P 3757148

YEAR:	RECORDING TACH TIME	TODAYS 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				

September 9, 2020 PA28-161 N2107E serial 28-7016162 Tach 1185.8 TTAF 5869.1

Performed a one hundred hour inspection in accordance with part 43 appendix D using the aircrafts maintenance manual as a reference. Replaced the left brake caliper with a serviceable unit. Replaced two brake pad backing plates with serviceable units. Installed new brake pads and new brake discs on both sides. Fixed leaking handbrake master cylinder. Cleaned, inspected and repacked wheel bearings. Replaced inoperative ELT with a serviceable one. ELT inspection done in accordance with FAR 91.207 D paragraphs 1 through 4 and found to be working properly. ELT batteries due January 2023. Installed a new landing light bulb. Replaced broken cabin entry step with a serviceable step. Inspected propeller for track, cracks and chipping, and security. Complied with A.D. 2013-02-13 by visually inspecting for corrosion, cracks, and fraying cables per Piper service bulletin 1245A 1 through 10. Next due March 2027 or 3185.8 tach(7869.1)TTAF. No other Airworthiness directives found due at this time. I certify I have inspected this airframe in accordance with a one hundred hour inspection and find it airworthy on this date. James Reeder J. Reeder A/P I/A 3757148 September 9, 2020.

YEAR:	RECORDING TACH TIME	TODAYS 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				

Sept 22, 20 PA-28-161 N2107E tach 1186.5  
Replace copilot left brake master cylinder with a new unit. Replace handbrake master cylinder with an overhauled unit. Bleed brakes  
James Reeder J. Reeder A/P 3757148  
Sept 22, 20

Registration # N2107E

I certify that the following transponder and altitude reporting system was tested as required by FAR 91.413 as per the instructions in FAR 43 Appendix F.

Transponder Model# Appareo Stratus S/N 071480

Signature J. Reeder Date: 10/16/2020  
Repairman No. 4391946 for Butler Avionics, Inc.  
FAA Repair Station TF2R185L











YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)

April 22, 2021 PA28-161 Warrior serial #28-7916162 N2107E tach 1595.6 TTAF 6278.9

Performed an annual inspection on this aircraft in accordance with FAR Part 43 appendix D, referencing the aircrafts maintenance manual. Performed ELT inspection in accordance with FAR 91.207 para D 1-4 and found to be operating correctly. ELT battery next due February 2023. Cleaned, inspected and repacked wheel bearings. Installed a new engine air filter element. Replaced broken hobbs meter with a serviceable unit. Complied with A.D. 76-07-12 by operational inspection, next due 1695.6 hours tach or 12 months. 13-02-13 previously complied with, next due 3185.8 hours tach(7869.1 TTAF) or March 2027.

I certify I have inspected this airframe in accordance with an annual inspection and find it airworthy on this date. James Reeder J. Reeder /A 3757148  
April 22, 2021.

YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)



KILO CHARLIE AVIATION, LLC

280 GARDNER DR NEW CENTURY, KS 66031

(913) 370-7006

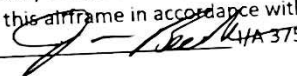
DATE: 05/10/2021 REG: N-2107E S/N: 28-7916162

Removed and replaced brake linings p/n 65-105. Serviced left main strut with nitrogen. Performed taxi test on brakes with no issue detected. All work done IAW FAR 43, Piper Warrior II MM, and AC 43.13-1B. Nothing follows.-----


Justin Pate  
J. Reeder  
James Reeder, 3757148 A&P

YEAR:	RECORDING TACH TIME	TODAYS 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				

May 25, 2021 PA28-161 Warrior serial #28-7916162 N2107E tach 1687.7TTAF 6371

Performed an <sup>100 hour</sup> annual inspection on this aircraft in accordance with FAR Part 43 appendix D, referencing the aircrafts maintenance manual. Cleaned, inspected and repacked wheel bearings. Installed a new engine air filter element. Replaced cracked rear propeller bulkhead with a new one from McFarland Aviation PMA 369-062320. Checked propeller track and inspected for nicks, scratches, and security. Complied with A.D. 76-07-12 by operational inspection, next due 1695.6 hours tach or 12 months. 13-02-13 previously complied with, next due 3185.8 hours tach(7869.1 TTAF) or March 2027. I certify I have inspected this airframe in accordance with an annual inspection and find it airworthy on this date. James Reeder  1/A 3757148  
May 25, 2021.

YEAR:	RECORDING TACH	TODAYS 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 Facility. (See back pages for other specific entries.)


May 25, 2021 Propeller Sensenich model 74DM-0-60 tach 1687.7 PTT 2790.8 currently installed on Piper PA-28-161 N2107E. Performed a 100 hour inspection on this propeller in accordance with FAR Part 43 appendix D. Inspected for nicks, scratches, torque and security. Dressed the propeller and checked prop track. I certify I have inspected this propeller in accordance with a 100 hour inspection and determine it to be airworthy on this date. James Reeder  1/A 3757148 May 25, 2021.



**KILO CHARLIE AVIATION, LLC**  
280 GARDNER DR NEW CENTURY, KS 66031  
(913) 346-2746

DATE: 06/08/2021 REG: N-2107E S/N: 28-7916162

Removed pilot and copilot seats. Replaced with serviceable seats from a PA-28-161 s/n 28-8216130 . All work done IAW Piper Warrior II AMM. Nothing Follows.

  
Justin Pate 4391662 A&P

YEAR:

R/  
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DATE

**WEST** West Aircraft Maintenance  
280 Gardner Dr.  
New Century, KS 66031  
19137024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Iterations  
Number of  
Centuries.)

YEAR:

DATE

Hours: Tach 1768.9 Hobbs 332.6

Removed strut, cleaned. Removed and replaced wiper pin AN6231-18. Reinstalled strut and serviced with 5606 and Nitrogen. All work IAW Piper Warrior II AMM.

Signed:   
Name: Justin Pate

Cert: 4391662 A&P  
Date: 06/16/2021

**WEST** West Aircraft Maintenance  
280 Gardner Dr.  
New Century, KS 66031  
19137024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: AC 6474.5 Tach 1791.2

June 23, 2021 PA28-161 Warrior serial #28-7916162 N2107E tach 1791.2 TTAF 6474.5

Performed a 100 hour inspection on this aircraft in accordance with FAR Part 43 appendix D, referencing the aircraft's maintenance manual. Cleaned, inspected and repacked wheel bearings. Installed a new engine air filter element. Replaced cracked forward propeller bulkhead with a new one from McFarland Aviation PMA W35323-012. Checked propeller track and inspected for nicks, scratches, and security. Complied with AD 2017-02-12 by operational inspection, next due 11891.2 hours tach or 12 months. 13-02-13 previously complied with, next due 3765.8 hours tach (7829.1 TTAF) or March 2027. I certify I have inspected this airframe in accordance with a 100 hour inspection and find it airworthy on this date.

Signed:   
Name: Jim Reeder

Cert: 3757148  
Date: 06/23/2021


*No other AD's found due at this time*  
*6-25-21*

**WEST** West Aircraft Maintenance  
280 Gardner Dr.  
New Century, KS 66031  
19137024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: TTAF 6573.4 Tach 1890.1

Completed a 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as a reference. Cleaned, inspected, and repacked wheel bearings. Installed new engine air filter element pin BA-16. Removed and replaced copilot inside seat track pin MC62557-004. Replaced directional gyro pin 1U262-000-14 pin 16648E. Replaced left main tire with Airhawk pin 600-6. ELT battery due 01/2023. C/W AD 76-07-12 Magneto switch by visual and operational inspection. No further AD's due, AD report generated and placed in a/c permanent records. All work done IAW PA-28-161 AMM and AC 43.13-1B. I certify this airframe has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Signed:   
Name: Justin Pate

Cert: Mechanic 4391662  
A&P  
Date: 06/06/2021

**WEST** West Aircraft Maintenance  
280 Gardner Dr.  
New Century, KS 66031  
19137024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: Tach 1898.8

Removed nose gear wheel. Disassembled and removed tube. Replaced with new tube P/N 06-00755. Reassembled and reinstalled wheel.

Landon J Reeder

Signed:   
Name: Jim Reeder

Cert: Mechanic 3757148 IA  
Date: 06/09/2021

YEAR:

DATE

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
1913/024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: TTAF 6663 / TACH 1980.4

Completed a 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM for reference. Replaced LH lower cowl p/n 35415-05. Replaced altitude indicator p/n 52D65M s/n 22750G, paperwork placed in a/c records. Replaced nose line p/n 5 00-5. Replaced R main line p/n 6 00-6. Replaced missing screw top rear battle. Repaired broken brake fluid res. vent. Resealed Hobbs meter lead/firewall pass thru. Installed new engine air filter element p/n BA-16. ELT Battery due 01/2023. C/W AD 76-07-12 by visual and operational check. Next due 2080.4 Tach or 9/2022, whichever occurs first. No further AD's found due, AD report generated and placed in a/c records. All work done IAW PA-28-161 AMM. I certify this aircraft has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Signed:

Name: Justin Pate

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
1913/024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: TTAF 6741.5 Tach 2068.2

Completed a 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM 100 hour inspection report. Removed and installed serviceable engine O-320-D3G s/n L-22162-27A, 6165.9 TTE, 418.3 SMOH. Replaced vac. pump w/ serviceable p/n 215cc s/n 285719. Installed serviceable engine driven fuel pump p/n 6441271. Installed serviceable alternator p/n 4111810 s/n A167565. Replaced engine intake air filter element p/n BA-16. ELT battery due 01/2023. C/W AD 76-07-12 by visual and operational check. Next due 2158.2 or 10/2022, whichever occurs first. No further AD's found due, report generated and placed in a/c records. Replaced R main brake linings p/n 66-105. All work done IAW PA-28-161 AMM. I certify this airframe has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Signed:

Name: Justin Pate



Cert: Mechanic: 4391662  
A&P  
Date: 10/12/2021

At 3465513

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YEAR:	RECORDING TACH TIME	TODAYS 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				

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
1913/024570

Make: Piper  
Model: PA-28-161  
Tail: N2107E  
S/N: 28-7916162

Hours: Tach 2081.4

Removed and replaced bad alternator with new Chrysler alternator P/N 4111810 S/N H-V031406. Performed ops. check. All work done in accordance to Piper PA-28-161 AMM.

Landon Reeder

Signed:

Name: Justin Pate

Cert: Mechanic: 4391662 AP  
Date: 10/22/2021

YE

DA

Hours: TTAF: 6712.9 Tach: 2089.6

Completed 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM 100 hour inspection report. CW AD 26-07-12 mag switch by visual and operational inspection, next due 12/2022 or 2189.6 Tach, whichever occurs first. No further AD's found due, report generated and placed with air records. Installed new alternator belt p/n MC/3966-015. Replaced engine intake filter element p/n BA-16. ELT inspected IAW FAR 91.207(d), battery due 01/2023. Installed new door windlace, material burn certs on file @ WEST Aircraft Maintenance, LLC. Spliced 2' repair to mag end of R-H mag P-lead. Replaced alternator ground wire. All work done IAW PA-28-161 AMM and AC 43.13-1b. I certify this airframe has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Signed:

Name: Justin Pate

Cert: Mechanic: 4391662 AP

Date: 12/27/2021

I certify this airframe has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Signed:

Name: Adam Piepke

Cert: Mechanic: 3965513 AP  
IA

Date: 12/27/2021

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
19137024570

Make: Piper

Model: PA-28-161

Tail: N2107L

S/N: 28-7916162

Hours: Tach: 2167.1

Replaced alternator with serviceable unit P/N 4111810 S/N 0180582. Performed ops check. All work done in accordance with Piper PA-28-161 AMM.

Landon Rendon

Signed:

Name: Adam Piepke

Cert: Mechanic: 3965513 AP  
IA

Date: 12/30/2021

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3S.)

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
19137024570

Make: Piper

Model: PA-28-161

Tail: N2107L

S/N: 28-7916162

Hours: AC: 7126.5 TT: 2443.2 EngTT: 6550.9 PropTT: 3548.3 Hobbs: Misc

Complete 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as reference. No AD's found due at this time. CW 91.207(d) bail; due 1/23 repaired exhaust shroud by welding replaced 2 belts on LH main landing gear lower mount. I certify that this airframe has been inspected IAW a 100 hour inspection and determined to be in airworthy condition.

Signed:

Name: Nathaniel Grubb

Cert: Mechanic: 4457210 A

Date: 06APR2022

WEST

West Aircraft Maintenance  
280 Gardner Dr  
New Century KS 66031  
19137024570

Make: Piper

Model: PA-28-161

Tail: N2107E

S/N: 28-7916162

Hours: AC: TT: 2484.0 EngTT: PropTT: Hobbs: Misc



Replaced engine driven fuel pump with overhauled P/N LW11472 S/N 0WV916

Signed:

Name: Adam Piepke

Cert: Mechanic: 3965513 AP  
IA

Date: 06/17/2022

YEAR:	RECORDING TACH TIME	TODAYS 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				
				<p><b>WEST</b> West Aircraft Maintenance 280 Gardner Dr New Century KS 64031 9137021570</p> <p>Make Piper Model: PA-28-161 Tail N21071 S/N 28-7916162</p> <p>Hours AC 7287.4 TT 2604.0 EngTT PropTT Hobbs Misc</p> <p>Completed 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as reference. No AD's found due at this time. Replaced RH brake linings P/N RA66-141 CW 91207 (a) FUE battery due 1/21. I certify that this airplane has been inspected IAW a 100 hour inspection and determined to be in a worthy condition.</p> <p>Signed:  Cert. Mechanic 3985513 AP 1A Name: Adam Pieper Date: 08/12/2022</p>
				<p><b>WEST</b> West Aircraft Maintenance 280 Gardner Dr New Century KS 64031 9137021570</p> <p>Make Piper Model: PA-28-161 Tail N21071 S/N 28-7916162</p> <p>Hours TT 2610.9</p> <p>Replaced R/R fuel quantity indicator with new unit P/N MC69101-02 and basket P/N MC491001. All work done using Piper PA-28-161 AMM as reference.</p> <p>Clay Thomas A&amp;P #641803  DATE: 10/21/2022</p>

[illegible]

YEAR:	RECORDING TACH TIME	TODAYS 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				

**WEST** West Aircraft Maintenance  
290 Gardner Dr  
New Century KS 66031  
9137024570

Make Piper  
Model PA-28-161  
Tail N21071  
S/N 28-7916162

Hours AG TT 2877.0 Eng TT Prop TT Hobbs Misc

Replaced pilots RH master brake cylinder with Cleveland master brake cylinder P/N 10-30 following Piper PA-28-161  
WMM as reference

Signed   
Name Joshua Kennedy


Cert. Mechanic 3653415 A/P  
Date 11/28/2022

**WEST** West Aircraft Maintenance  
290 Gardner Dr  
New Century KS 66031  
9137024570

Make Piper  
Model PA-28-161  
Tail N21071  
S/N 28-7916162

Hours AG TT 2877.0 Eng TT Prop TT Hobbs Misc

Filled RH strut with nitrogen

Signed   
Name Joshua Kennedy

Cert. Mechanic 3653415 A/P  
Date 11/28/2022

2578.0 11/30/22

Removed & Replaced R6-35 AXC Battery  
with serviceable part from N15CH  
Adam M. A/P 3965513

**WEST** West Aircraft Maintenance  
290 Gardner Dr  
New Century KS 66031  
9137024570

Make Piper  
Model PA-28-161  
Tail N21071  
S/N 28-7916162

Hours AG TT 2878.7 Eng TT Prop TT Hobbs Misc

Replaced leaking RH wing fuel pump with new P/N CCA-1550

Signed 


Cert. Mechanic 3965513 AP  
IA

Name Adam Piepke

Date 11/30/2022

Created 12/12/2022 N2107E Piper Warrior Engine 2889.50 TTIS 7096.65

Replaced directional gyro with overhauled directional gyro P/N J8C00-05 S/N 421MR0209. Marked autopilot  
as INOP and autopilot circuit breaker as unused. Capped and stowed power wires from autopilot circuit  
breaker.


Adam Piepke #3965513 AP Date 12/12/22 Signature 

Iterations  
Number of  
entries.)




YEAR: DATE	RECORDING TACH TIME	TODAYS 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.)
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Created 12/29/2022 N2107E Piper Warrior S/N . Engine 1 2901.20 TTIS 7108.35  
Fabricated patch on bottom door hinge with ~~1/8~~ aluminum sheet in accordance with CH 4 AC  
13.13. Removed and Replaced cabin door weather stripping P/N ADS1200-301-23 following  
manufactures instructions.

Josh Kennedy # 4653415 Date 12/29/22 Signature: 

Created 01/11/2023 N2107E Piper Warrior Tach 2942.0

Replaced both main fuel pump hoses A331.1 and 100 inch 20 foot hoses replaced L100 fuel hose with new 150  
62000

Adam Piepke A&P 100/511 Date 1/11/23 Signature: 

2/23/20

Created 07/12/2023 N2107E Piper Warrior

11/28/29/16162 TTIS 2359.63

Completed 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as reference. Researched AD's through a 15 month  
report 2023-19. Removed and replaced garter filter P/N A193-5-1. Removed power supply and SN T3-14-10452 P/N A113 T3-  
DF-14 replaced with serviceable used power supply and SN 37294 P/N 01-0770078-05 per PA-28-161 AMM CH 11. Removed  
substitute trim cable forward and aft. Trim cable forward P/N MC62701-104 Trim cable aft P/N MC62701-047 per PA-28-161 AMM  
CH 5-33. Serviced RH sub and replaced quad ring P/N 484-769 per PA-28-161 CH 7. Complied with AD T3-02-13 and due 2 000  
hrs or 7 years. I certify that this aircraft has been inspected in accordance with 100 HR inspection and was determined to be  
in a ready condition.

Gregory Warion # 3007766 A&P IA Date 7/12/23 Signature: 

Created 02/05/2023 N2107E Piper Warrior S/N 28-7916162


Engine 3016.10 TTIS 7189.40

Replaced L100 alternator and installed serviceable used alternator P/N 15640-00 from  
N2107E per PA-28-161 CH 11. See 4. UPS check good.

Gregory Warion A&P # 3807766 Date 9/5/23 Signature: 

Created 09/19/2023 N2107E Piper Warrior S/N 28-7916162 Engine 1 3046.50 TTIS 7819.80

Complete 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as reference. Researched AD's through a 15 month  
report 2023-19. Removed and replaced garter filter P/N A193-5-1. Removed power supply and SN T3-14-10452 P/N A113 T3-  
DF-14 replaced with serviceable used power supply and SN 37294 P/N 01-0770078-05 per PA-28-161 AMM CH 11. Removed  
substitute trim cable forward and aft. Trim cable forward P/N MC62701-104 Trim cable aft P/N MC62701-047 per PA-28-161 AMM  
CH 5-33. Serviced RH sub and replaced quad ring P/N 484-769 per PA-28-161 CH 7. Complied with AD T3-02-13 and due 2 000  
hrs or 7 years. I certify that this aircraft has been inspected in accordance with 100 HR inspection and was determined to be  
in a ready condition.

Josh Kennedy A&P 4653415 Date 9/19/23 Signature: 


d Alterations  
ate Number of  
pecific entries)

K2

3130.20      Created 10/18/2023      N2107E Piper Warrior      S/N 28-7916162      Engine 1  
TTIS 7903 50

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28-181 AMM. Researched AD's through bi-weekly report 2023-21. No applicable AD's due at this time. Replaced RH brake pads P/N 66-106. Replaced garter filter P/N RAB3-5-1.

I certify that this aircraft has been inspected in accordance with 100 HR inspection and was determined to be in airworthy condition.

Josh Kennedy A&P#4653415 Date 10/18/23 Signature 

23

Created: 11/30/2023 N2107E Piper Warrior S/N 28-7916162 Engine 3198.90 TTIS 7972.20  
R/R ACS ignition switches P/N A-7640-21A W/ACS SB#2-01 and complied with AD 93-07-06, GPS check good. Next  
Due 0972.2011HS

Owen Fortney #A&P4429081 Date 11/30/23 Signature *Owen Fortney*

**Repairs and Alterations**  
(Indicate Certificate Number of  
for other specific entries.)

YEAR:	RECORDING TACH TIME	TODAYS 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				

22

Created 12/14/2023 N2107E Piper Warrior S/N 28-7916162, Engine 1  
3207.80 TTIS 7981.10

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper PA-28 161 AMM. Researched AD's through bi-weekly report 2023-25. No applicable AD's due at this time. Replaced garter filter P/N RAB3-5-1. Rebuilt pilots LH toe brake master cylinder P/N 155-914. Removed and replaced air filter P/N BA-16. Replaced torque link spacer and washer P/N 63312-000 P/N 63312-002. Removed and replaced fuel sump P/N CCA-1350. **I certify that this aircraft has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.**

Josh Kennedy A&P#4653415 Date 12/14/23 Signature

K

Date: 10/07/2024    N2107E Piper Warrior    Page: 1/3238.40    TTS: 0011.70  
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Indon Reeder #A&amp;P Pending Vol. 27-24 2/19/97

YEAR:	RECORDING TACH TIME	TODAYS 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.)
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8033.00 Created 02/15/2024 N2107E Piper Warrior S/N Engine 1 3259.70 TTIS

Removed and replaced LH bottom engine shock mount P/N 94011-02 per Piper Warrior AMM Section VIII Ch. 8-12. Removed and replaced electric fuel pump P/N CA35328-800E Per Piper Warrior AMM section IX Ch. 9-26.

Josh Kennedy A&P#4653415 Date 2/15/24 Signature

Complete 100 hour inspection IAW FAR 43 Appendix D using PA-28-161 AMM as reference. Researched AITs through a Hi-wire report 2024-04-02 12 2024-02/25/2024. Removed and replaced carter filter P/N ARB3-5-1. R/R vertical fin tail strafe P/N 01-077-044-02 by unplugging the old light and plugging in the new light and putting the cover back on. Serviced R/R main landing gear assembly P/N CA484-03 IAW section 47-00 in the AMM. R/R LH main brake caliper using P/N 222 IAW section 07-27. Cleaned and lubed all lube points and lubed the brakes IAW AMM.

I certify that this aircraft has been inspected in accordance with 100hr inspection and was determined to be in airworthy condition.

Owen Fortney #A&P 4429081 Date 3/4/24 Signature

Created 04/10/2024 N2107E Piper Warrior S/N Engine 1 3359.90 TTIS 8133.20  
Removed and replaced fuel selector P/N 6S122 IAW Piper 151-161 AMM Section 9-19. Ops check and leak check good.  
Owen Fortney # PPL A&P 4429081 Date 4/10/24 Signature

Created 04/16/2024 N2107E Piper Warrior S/N 28-7916162 Engine 1 3360.30 TTIS 8133.60

Removed faulty fuel quantity transmitter with new transmitter kit P/N EQTP-KT-2 using PA-28-161 AMM section IX FUEL SYSTEMS as guide. Performed ops check. No defects noted.

Landon Reeder A&P 4369883 Date 4/16/24 Signature

Created 05/06/2024 N2107E Piper Warrior S/N Tach 3384.40

TTIS 8157.70

Removed faulty starter solenoid and replaced with new solenoid P/N STS-S12-PMA S/N 81021343 using AMM as guide. Performed ops check, no defects noted.

Landon Reeder A&P 4369883 Date 5/6/24 Signature

Repairs and Alterations  
Certificate Number of  
other specific entries.)


YEAR:

KC

DATE

Created 05/08/2024 N2107E Piper Warrior S/N. <sup>28-7916162</sup> Engine 1  
3388.30 TTIS 8161.60


Removed and replaced RH MLG strut quad ring seal P/N 484 769 using PA-28-161 AMM section 7-13 as guide. Serviced strut with 5606 and nitrogen. Performed ops check. No defects noted.

Landon Reeder A&P 4369883 Date: 5/8/24 Signature: 

KC

Created 05/14/2024 N2107E Piper Warrior S/N 28-7916162 Engine 1  
3395.10 TTIS 8168.40

Complete 100 hour inspection IAW FAR 43 Appendix D using PA 28-161 AMM as reference. Researched AD's through a Bi-weekly report 2024 09. Removed and replaced garter filter P/N RAB3-5-1. Removed and replaced LH brake pads P/N APS66-10500. Removed and replaced Induction air filter P/N BA-16. I certify that this aircraft has been inspected in accordance with 100 Hr inspection and was determined to be in airworthy condition.

Josh Kennedy A&P#4653415 Date: 5/14/24 Signature: 

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YEAR:

RECORDING  
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FLIGHTTOTAL  
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

KC

Created 05/29/2024 N2107E Piper Warrior S/N. Engine 1 3404.40  
TTIS 8177.70


Removed starter and replaced with new starter P/N 149-12LS. S/N H-Y022161 per Piper PA-28-161 AMM Ch.11-70

Josh Kennedy A&P#4653415 Date: 5/29/24 Signature: 

KC

Created 06/08/2024 N2107E Piper Warrior S/N 28-7916162 Engine 1 3445.8 TTIS  
8219.1

Removed and replaced RH MLG tube P/N 60006 and replaced tire P/N 60006 per Piper PA-28-161 AMM Ch. 12-4

Josh Kennedy A&P#4653415 Date: 6/8/24 Signature: 

Created 06/22/2024 N2107E Piper Warrior S/N 28-7916162 Engine 1 3485.8 TTIS

Complete 100 hour inspection IAW FAR 43 Appendix D using PA 28-161 AMM as reference. Researched AD's through a Bi-weekly report 2024 09. Removed and replaced garter filter P/N RAB3-5-1. Adjusted stage 1 and 2 throttle cables IAW Piper AMM Ch 16-10. I certify that this aircraft has been inspected in accordance with 100 Hr inspection and was determined to be in airworthy condition.

Josh Kennedy A&P#4653415 Date: 06/22/24 Signature: 


YEAR:	RECORDING TACH TIME	TODAYS 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.)
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DATE

Created: Mon 07/29/24 N2107E Piper Warrior S/N 28-7916162

TACH 3580.4 TTIS 8353.7

Completed 100 HR inspection IAW FAR 43 app D referencing PA-28-151/161 AMM section 3. Researched AD's through bi-weekly report 2024-18. None applicable. Removed and replaced garter filter RAB3-5-1. Removed and replaced Pneumatic filter P/N AA09-14-1. Removed and replaced LH main tire P/N 600-6. Removed and replaced RH brake pads P/N 66-105. I certify that this aircraft has been inspected in accordance with a 100 Hr inspection and was determined to be in airworthy condition.

Josh Kennedy A&P #4653415 Date Mon 07/29/24 Signature 


07/29/2024, N2107E, Piper PA-28-151, SN: 28-7916162, TAF: 8353.7, Tach: 3580.4, Hobbs: 2428.8. This airframe has been inspected for an Annual Inspection IAW Part 43 Appendix D and Piper Aircraft Inspection Report 230-802 as a guide. ELT has been inspected IAW FAR 91.207(d) all functions normal. All AD's are current up through FAA Biweekly 2024-15, 07/15/2024-07/28/2024. I certify that this airframe has been inspected for an Annual Inspection and has been determined to be in airworthy condition and is approved for return to service. -----END----- William A. Latham, Jr. AP3557002IA



Created: Fri 08/09/24 N2107E Piper Warrior S/N 28-7916162

TACH 3600.5 TTIS 8373.6

Replaced tach drive cable with serviceable cable P/N 486-570. Replaced tach indicator with new tach P/N 599-282. All work done using PA 28-161 AMM as guide. Performed ops check and test flight. no defects noted.

Landon Reeder A&P #4369683 Date: Fri 08/09/24 Signature 


New H 0.0 Hrs

THE 08/09/24 N2107E Piper Warrior SN 28-7916162 TACH 3600.5 TTIS 8373.6  
Revised and replaced LH main tire P/N 600-6. Replaced and replaced Pneumatic filter P/N AA09-14-1. Replaced and replaced RH brake pads P/N 66-105. I certify that this aircraft has been inspected in accordance with a 100 Hr inspection and was determined to be in airworthy condition.

Created: Sat 08/17/24 N2107E Piper Warrior S/N 28-7916162

TACH 3729 TTIS 8386.7

Removed and replaced Nose tube P/N C1-50678 and tire P/N 500-5. Per PA 28-161 AMM Sec 7-21

Josh Kennedy A&P #4653415 Date Sat 08/17/24 Signature 

Created: Wed 08/21/24 N2107E Piper Warrior S/N 28-7916162

TACH 3822 TTIS 8402.0

Replaced RH MLG quad ring with new quad ring P/N 484-769 using PA 28-161 AMM as guide.

Landon Reeder A&P #4369683 Date: Wed 08/21/24 Signature 

Created: Mon 09/16/24 N2107E Piper Warrior S/N 28-7916162 TACH 3763 TTIS 8450.1

Completed 100 HR inspection IAW FAR 43 app D referencing PA 28-151/161 AMM section 3. Researched AD's through bi-weekly report 2024-18. None applicable. Removed and replaced garter filter P/N RAB3-5-1. Replaced rod ends on LH aileron P/N 412-345 per Piper FA2/8 151 AMM 5-10. Replaced nose landing gear rubber bumper P/N 79072-000. Replaced RH main landing gear quad o ring P/N 484-769 7-14. I certify that this aircraft has been inspected in accordance with a 100 Hr inspection and was determined to be in airworthy condition.

Josh Kennedy A&P #4653415 Date: Mon 09/16/24 Signature 

**of Inspections, Tests, Repairs and Alterations**  
be endorsed with Name, Rating and Certificate Number of  
Repair Facility. (See back pages for other specific entries.)

YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
Created: Wed, 09/18/24	N2107E Piper Warrior S/N 28-7916162 TACH 777 TTIS 84513	
Anticollision lights are not working properly. INOPED the anticollision lights and approved it for VFR DAY flights only according to FAR 91.205. Will fix next 100 HOUR.		
Owen Fortney	A&P #4129081	Date: Wed, 09/18/24 Signature: <i>Owen Fortney</i>
Created: Tue, 10/01/24	N2107E Piper Warrior S/N 28-7916162 TACH 967 TTIS 84723	
Replaced RH Strut axle and piston P/N 78738-005 per Piper PA-28-161 AMM 7-13		
Josh Kennedy	A&P #4653415	Date: Tue, 10/01/24 Signature: <i>Josh Kennedy</i>
Created: Wed, 10/09/24	N2107E Piper Warrior S/N 28-7916162 TACH 1089 TTIS 84825	
Removed COMM 2 KX 165 P/N 069-1025-21 S/N 6259 and installed a cross compatible Over haul KX 155 P/N 069-1024-42 S/N 25497. Weight change negligible. Ops check good. Comm 1 was labeled Inop and deactivated IAW 91.205 91.213.		
Owen Fortney	A&P #4429081	Date: Wed, 10/09/24 Signature: <i>Owen Fortney</i>
Created: Thu, 10/10/24	N2107E Piper Warrior S/N 28-7916162 TACH 1183 TTIS 84917	
Removed leaking nose tire tube and replaced nose tire tube with P/N GL-50676. Work done with reference to Piper PA-28-161 AMM Section VI. Operational check satisfactory.		
Logan Baker	A&P #4638550	Date: Thu, 10/10/24 Signature: <i>Logan Baker</i>

YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
Created: Fri, 10/25/24	N2107E Piper Warrior S/N 28-7916162 TACH 1351 TTIS 85085	
Removed comm 1 antenna P/N 596-332 and coax cable and installed new antenna P/N C1-121 and coax cable IAW Warrior 161 AMM Chapter 11. COMM 2 KX 165 P/N 069-1025-21 S/N 6259 was over hauled and reinstalled. Comm 1 Over haul KX 155 P/N 069-1024-42 S/N 25497 was reinstalled. OPS check good and weight change negligible. VOR 1 and 2 are label INOP and deactivated. Bendix/King KLN 908 TSO was INOPED and deactivated. Deactivated and INOPED King KN 62. Deactivated and INOPED GPS Annunciation Model MD41-324 S/N 3576 All IAW 91.213.		
Owen Fortney	A&P #4429081	Date: Fri, 10/25/24 Signature: <i>Owen Fortney</i>
Wed, 01/08/25	N2107E Piper Warrior S/N 28-7916162 TACH 1716 TTIS 85450	
Completed 100 HR inspection IAW FAR 43 App D referencing PA 28-151/161 AMM section 3. Researched AUs through bi weekly report 2024-26. None applicable. Replaced primer plunger O rings IAW section 8. Replaced gas tank cap gaskets P/N 10-20984 installed big spacer P/N 64111-108 and small spacer P/N 494-108 on LH main landing gear torque link IAW Section 4.		
I certify that this aircraft has been inspected in accordance with 100 Hour Inspection and was determined to be in airworthy condition.		
Owen Fortney	A&P #4429081	Date: Wed, 01/08/25 Signature: <i>Owen Fortney</i>
N2107E Butler Avionics, Inc.		Date - 02/07/2025 Station #TF2R185L
The aircraft and/or component identified were repaired in accordance with current Federal air regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency.		
Aircraft certified IAW FAR 91.413 and Part 43 Appendix F. Stratus ESG Transponder P/N: 153510-000017 S/N: 071480		
Signature: <i>Dave Hayden</i> WO#MS27220/85131		Repairman #2537976 Dave Hayden

YEAR:

TOTAL  
TIME IN  
SERVICE

## Reference of Major Repairs and Major Alterations To

FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency

DATE

KC

Created: 03/11/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 175.60 TTIS: 2614.30

Pilot reported alternator annunciator light illuminated and alternator not charging. After inspection determined the alternator was bad/ not working. Removed inoperative alternator and replaced alternator P/N 4111810 S/N H-2012128. Work done with reference to Piper PA-28-151/161 amm. FAA form 8130-3 airworthiness approval tag put with aircraft permanent records. Performed ground operational check. Test run satisfactory, no defects noted.

Logan Baker A&P 4638550 Date: 3/11/25 Signature: 

KC

Created: 03/20/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 176.80 TTIS: 2615.90

Replaced bad battery P/N RG35AXC with new battery P/N RG35AXC using PA-28-161 AMM as guide.

Landon Reeder A&P 4369883 Date: 3/20/25 Signature: 

KC

Created: 03/25/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 176.90 TTIS: 2616.20

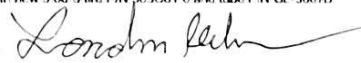
Removed and replaced #1 cylinder, exhaust riser P/N A62230-00 in reference to Piper PA-28-151/161 AMM. Performed ground operation run no defects noted, test run satisfactory.

Kodie Smith A&P 4788841 Date: 3/25/25 Signature: 

KC

Created: 03/31/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 181.90


Removed bad nose gear 5.00-5 tire and tube and replaced with new 5.00-5 tire P/N 505C61-8 and tube P/N GL-506/B using PA-28-161 AMM as guide.

Landon Reeder A&P 4369883 Date: 3/31/25 Signature: 

KC

Created: 04/16/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 192.90 TTIS: 2635.60

Pilot reported LH strobe and RH/tail Nav lights inoperative. After inspection Nav lights have been inop'd IAW 14 CFR 91.205 and 14 CFR 91.213. Maintenance/ corrective action has been deferred to the the next inspection. Nav light switch has been placard INOP and deactivate. This aircraft is approved for VFR Day only. Replaced LH strobe bulb P/N 02-0250274-05. Ground operational check on strobes satisfactory.

Logan Baker A&P 4638550 Date: 4/16/25 Signature: 

pliance

YEAR:	A.D. NUMBER	TOTAL TIME IN SERVICE	<b>Airworthiness Directives</b> Chronological Listing of Compliance and Method of Compliance
DATE			


KC

Created: 05/12/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 210.20 TTIS: 2656.80

Pilot reported seats sliding back on pilot side. During visual inspection found co-pilot side outboard track to be worn as well. Removed and replaced both pilot side and outboard co-pilot side seat tracks P/N MC62557-004 with reference to Piper PA-28-151/161 AMM and AC 43.13.1B. Operational check satisfactory. Pilot reported intermittent communication radio. Removed COM 1 Radio M/N KX155 S/N 25497 and replaced with overhauled radio M/N KX155 S/N 36392. Removed Com 2 radio M/N KX155 S/N 6259 and replaced with serviceable used Radio M/N KX155 S/N 1138. Ground operational check satisfactory.

Logan Baker A&P 4638550 Date: 5/12/25 Signature: 

Created: 05/16/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior  
S/N: 28-7916162 Tach: 211.00 TTIS: 2657.70

Removed the following inoperative instrument panel equipment. Removed Piper AutoControl III autopilot system radio coupler P/N 1C388 S/N P-16695G, autopilot unit P/N 751.283, and OBS linked to autopilot system P/N 622-4477-001 S/N 3667. Removed KING KI N90B ISO GPS System P/N 066-04031-21 S/N 80584, GPS annunciation control unit P/N MD41-324 S/N 3576, and tray. Removed King KN62 DME unit P/N 066-1064-00 S/N 4321 and rack. Fabricated instrument panel blank plates. Total weight removed 12.35Lbs at station 62.88. Calculated weight and balance revision new moment 130343.17 see attached revision form for additional details. Performed ops check and test flight, no defects noted. All work done IAW 43.13B. 

Landon Reeder A&P 4369883 Date: 5/16/25 Signature: 

YEAR:	A.D. NUMBER
DATE	

Aircraft Weight and Balance Revision Form

~~Revised~~ 5-16-2025

<b>Aircraft</b> Tail No: N2107E Make: Piper Model: PA-28-161 Serial: 287916162 Type: TCDA	<b>Registered Owner</b> Name: Kite Chaffin Aviation LLC Address: 280 GARDNER DRIVE NEW CENTURY KS 660311104
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<b>Weight</b> Maximum Allowable Weight: 2325	<b>CG Range</b> AYO: 83 APT: 43
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<b>As Received</b>			
Previous Weight: 564.18	Date: 12/24/2016 12:00:00 AM	Empty Weight: 1504.82	Load: 800.12
Empty Weight: 1504.82	Load: 800.12	Weight CG: 87.91	Moment: 132238.04

Item	Weight	Arm	Moment
Empty Weight	-3.0	80.0	-117.00
Main gear wheel pants	-6.0	125.0	-1052.50
Procedural weight	-12.35	82.44	-176.57

<b>Now</b>			
Empty Weight: 1479.07	Load: 845.63	Empty Weight CG: 88.13	Moment: 130343.17

Created: 06/02/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior S/N: 28-7916162 Tach: 220.40

R/H main strut low. Service both struts with nitrogen IAW chapter 2 of servicing and handling using Piper PA-28-151 AMM as guide. OP's check good.

Owen Fortney A&P # 4429081 Date: 6/2/25 Signature: 

YEAR:

TOTAL

KC

## Manufacturers' Mandatory Service Bulletins

Created 08/07/2025 Aircraft Registration Number: N2107E Make: Piper Model: Warrior S/N: 28-7916162 Tach: 236.60 TTIS: 8745.1

Completed 100 HR inspection IAW FAR 43 app D using Piper PA-28-161 AMM as guide. Researched AD's through bi-weekly report 2025-15. None found due at this time. Lubricated per Piper lubrication charts. Performed engine run up and ops check, no defects noted. Replaced both MLG tire P/N 6.00-6. Replaced L/H brake pads P/N RA066-10500. L/H brake caliper was leaking replaced o-ring P/N MS2875-222. Replaced Garter filter P/N RAB3-5-1. Replaced pneumatic filter P/N AAD9-18-1. Replaced tail cone assembly P/N RD-0099-00. Nav lights inop. Found bad wire from breaker to junction under rear seat. Replaced wire. Removed inop sticker Nav ops check good. I certify that this airframe has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Josh Kennedy

A&amp;P 4653415

Date: 8/7/25

Signature: 