

Aircraft Record General Information

(2)

Manufacturer Piper-PA-28-140 Model Cherokee (150HP)

Serial 28-26226 Registration Number N5514U

Date of Manufacture 1968

Engine(s) currently installed:

Manufacturer LYCOMING Model O320-E2A Serial L-24123-27A

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH Model 74DM6-0-60

HUB Model _____ Serial K29849 Serial _____

Current Weight and Balance Information

YEAR:	TOTAL TIME IN SERVICE	Empty Weight	Empty C.G.	Useful Load	Remarks
2012					
DATE					
STELLAR Avionics Services, LLC Chester Airport Chester, CT 06412 FAA CRS YZSR344Y LOG ID# 2364 06-July-2012 REF# A12508 N5514U S/N 28-26226 PIPER PA28-140					Pg 1/1

Installed and Tested Customer-Supplies King KN-64 DME System S/N 6610 per Manufacturer's Installation Instructions. Refer to Airplane W&B eport this date for Further Information.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repairs are on file at this repair station under the work Order listed above.

-----END-----
Moore 7/6/12
 YZSR344Y Date

N5514U Airframe Log
 February 20, 2012. Tach 4038.3 hours. Replaced rod end p/n 452-334 on shimmy damper. Adjusted nose gear steering stops. Replaced bolt p/n AN4-24A on nose gear steering horn. Adjusted landing gear strut heights with nitrogen.
 Paul Wesoja AP51606917
 Total Aircraft, Hartford, CT

Paul

VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114
 LOG ID# 559 15-March-2012 WO# 18267/1 TH5R2231 HOBBS 4039.2
 N5514U S/N 28-26226 PIPER PA-28-140

Pg 1 / 1

- 1-Static system leaks- Troubleshoot problem to broken in-line T fitting behind copilot panel. Replaced defective fitting and system ramp checks good. All work done IAW AC43.13 1B/2B.
- 2-Removed Narco ADF 141 receiver s/n 53676 from right side radio stack. Lowered existing King Transponder to bottom position in right stack. Fabricated and installed new close-out plate for right hand radio stack. Transponder system ramp checks good. Weight and balance updated. All work done IAW AC43.13 1B/2B.
- 3-Troubleshoot charging system problem to defective alternator and loose wire terminal on over-voltage relay. Tightened loose terminal and see VIP Aircraft Maintenance log sticker, WO# 175, for alternator repair details.
- 4-FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D. This altimeter has been tested to 20,000 feet. Pertinent details are on file at this facility.
 Make: Kollsman Model: 671BK-00 Serial #: 68716
 Automatic pressure altitude reporting system tested to 20,000 feet as required by FAR 91.411 IAW FAR 43, app E, para. C.
 Make: Narco Model: AR-850 Serial #: 85860
 ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.
 Make: King Model: KT-76A Serial #: 69156

I certify that this aircraft has been inspected in accordance with FAR 91.411 and 91.413 inspections and was determined to be in airworthy condition.

David Kocak 3/15/12
 CRS# TH5R223N David Kocak Date

VIP Aircraft Maintenance 58 Lindbergh Drive Brainard Airport 860-525-5713/www.vipavionics.com Hartford, CT 06114
 LOG ID# 222 15-March-2012 WO# 175/1
 N5514U S/N 28-26226 PIPER PA-28-140 TACH 4039.2

Pg 1 / 1

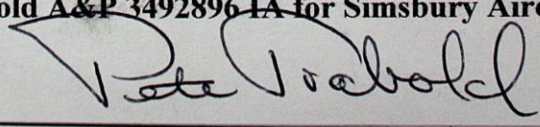
Removed alternator, p/n: 3656624, s/n: A608017. Installed overhauled alternator, p/n: 3656624, s/n: A112135. See Aerotech of Louisville 8130 dated 12/12/2011. Alternator was customer supplied. Performed normal ground run-up and OPS check of alternator. OPS check and output check of alternator satisfactory.
 -----END-----

Eric Santerre A+P 2777906
 A&P 2777906 Eric Santerre

10-15-2012	Replaces	landing light with Whelen LED 12V lamp-01-0771424
	A 7512-12	<i>[Signature]</i> \$3287722

YEAR 2013 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.)
----------------------	---------------------------	-------------------	-----------------------------	--

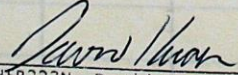
03/05/2013 N5514U PA28-140 S/N 28-26226 Total time 4072.2 Tach 4072.2
 Annual inspection completed this date IAW FAR 43 App D and Piper PA28-140
 Service Manual as a reference. AD's researched to this date, see listing. CW AD
 #76-07-12 Ignition switch manual test – OK Due again 4172.2 or 12 months.
 Replaced ELT batteries with (8) Duracell D size. Batteries due every 12 months.
 Performed operational check IAW FAR 91-207. Serviced battery and charged.
 Cleaned and greased wheel bearings. Inspected brakes and pads. Serviced tires.
 Tested all interior and exterior lighting. Lubed all hinges and controls. Replaced
 induction filter element with Brackett BA-3. Inspected spinner and backing plates.
 Torqued propeller bolts and safety wired. I certify that this airframe has been
 inspected in accordance with an annual inspection and determined to be in
 airworthy condition. Pete Trabold A&P 3492896 IA for Simsbury Aircraft
 Maintenance, LLC. – END --



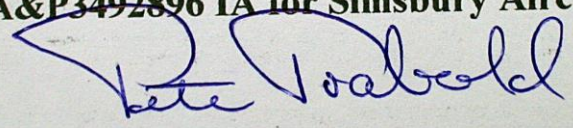
VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114
 LOG ID# 1234 31-May-2013 WO# 19354/1
 N5514U S/N 28-26226 PIPER PA-28-140

Pg 1 / 1

- 1-CABIN OVERHEAD LIGHTS INOP-Troubleshoot inoperative cabin overhead light to miswired light switch. corrected wiring and light OPS checks good. All work done IAW AC43.13 1B/2B.
- 2-PILOT JACKS INTERMITTENT-Troubleshoot problem to defective pilot phone jack. Replaced defective jack with new phone jack p/n SWCC11. System OPS checks good. All work done IAW AC43.13 1B/2B.
- 3-A/P PITCH PORPOISE-Ramp tested Century III a/p and found system to ground check properly. Inspected pilot and copilot control yokes and found friction when moving the yokes forward and aft to be excessive. cleaned and lubricated yoke shafts to eliminate problem.
- 4-LOAD METER FLUCTUATES-Removed Electrodelta VR200A voltage regulator s/n 405175 and WICO overvoltage control s/n X16799. Installed new Zeftronics R15V0L voltage regulator s/n 20N062 IAW Zeftronics drawing NO 200100, rev C, dated 11-15-07. Unit OPS checks satisfactory. Negligible change to weight and balance.


 CRS# THSR223N David Kocak 5/31/13
 Date

11/1/2013 N5514U PA28-140 Tach 4127.1 Removed nose strut
 assembly due to leakage. Cleaned and inspected all parts. Installed new
 seal kit P/N TPNS-1. Filled with fluid and charged with nitrogen.
 Pete Trabold A&P 3492896 IA for Simsbury Aircraft Maintenance,
 LLC.



VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114
LOG ID# 1568 11-February-2014 WO# 19977/1 TH5R223N
N5514U S/N 28-26226 PIPER PA-28-140 TACH 4132.7

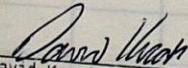
Pg 1 / 1

FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D.
This altimeter has been tested to 20,000 feet. Pertinent details are on file at this facility.
Make: Kollsman Model: 671BK-010 Serial #: 68716

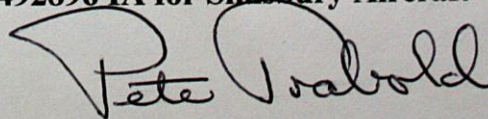
Automatic pressure altitude reporting system tested to 20,000 feet
as required by FAR 91.411 IAW FAR 43, app E, para. C.
Make: Narco Model: AR-850 Serial #: 85860

ATC transponder tests and inspections required by FAR 91.413 were
performed and found to comply with FAR part 43 app F.
Make: Bendix/King Model: KT76A Serial #: 69156

I certify that this aircraft has been inspected in accordance with FAR 91.411 and 91.413
inspections and was determined to be in airworthy condition.


David Kocak
Date 2/11/14

AT 4/3/2014 N5514U Piper PA28-140 S/N 28-26226. Tach 4134.4 A/CTT 4134.4.
ANNUAL Inspection completed this date IAW FAR 43(d) and Piper PA28-140
Service Manual as a reference. AD's researched and complied with to this date, see
listing. Inspected and tested ELT IAW FAR 91.207(d). Batteries due 2015.
Cleaned and greased wheel bearings. Inspected brakes and pads. Inspected and
greased landing gear. Inspected and lubed all cables, hinges and controls. Tested
interior and exterior lighting. Replaced beacon bulb with GE-1940. Replaced
Brackett air filter element with BA-3. Inspected propeller, spinner and backing
plate. Dressed propeller as needed. C/W AD 2013-02-13, Inspected stabilator
control cables, no defects found. R&R windshields with Great Lakes Aero P/N W-
2039-RH and W-2039-LH. I certify that this aircraft has been inspected in
accordance with an annual inspection and was determined to be in airworthy
condition. Pete Trabold A&P 3492896 IA for Simsbury Aircraft
Maintenance, LLC. --- END ---



6/3/2015 N5514U Piper PA28-140 S/N 28-26226. Tach 4160.0 A/CTT 4160.0
ANNUAL Inspection completed this date IAW FAR 43(d) and Piper PA28-140
Service Manual as a reference. AD's researched and complied with to this date, see
listing. Inspected and tested ELT IAW FAR 91.207(d). Replaced (8) D-size
Duracell batteries. Batteries due 2016. Cleaned and greased wheel bearings.
Inspected brakes and pads. Inspected and greased landing gear. Inspected and
lubed all cables, hinges and controls. Tested interior and exterior lighting.
Replaced Brackett air filter element with BA-3. Inspected propeller, spinner and
backing plate. Dressed propeller as needed. C/W AD 2013-02-13, Inspected
stabilator control cables, no defects found. Installed shoulder harness kit by Aero
Fabricators P/N 13-00916-4. I certify that this aircraft has been inspected in
accordance with an annual inspection and at this date was determined to be in
airworthy condition. Pete Trabold A&P 3492896 IA for Simsbury Aircraft
Maintenance, LLC. --- END ---

Pete Trabold

Pete Trabold A&P 3492896 IA

11/16/2015 N5514U Piper PA28-140 S/N 28-26226. Tach 4170.0
Removed R&L navigation lights and replaced with Whelen strobe/nav light
assembly P/N A650PG1 and P/N A650PR1. Installed power supply P/N HDACF in
tail compartment. Installed R&L wire harness through grommets in existing holes
in wing ribs, and secured behind fuel tanks with clamps. Replaced single beacon
switch with split beacon/strobe strobe switch. Replaced all ground wires with new.
Tested for proper operation. All OK Pete Trabold A&P 3492896 IA for Simsbury
Aircraft Maintenance, LLC. --- END ---

Pete Trabold

DATE	TACH TIME	SERVICE	Facility. (See back pages for other specific entries.)
11-17-2015	4170.9		Installed New Battery - CONCORDE - RG 35AXC P/N 11-203 882 Sealed.

YEAR:

7/14/2016 N5514U Piper PA28-140 S/N 28-26226. Tach 4184.0 A/CTT 4184.0

DATE

ANNUAL Inspection completed this date IAW FAR 43(d) and Piper PA28-140 Service Manual as a reference. AD's researched and complied with to this date, see listing. Inspected and tested ELT IAW FAR 91.207(d). Replaced (8) D-size Duracell batteries. Batteries due 2017. Replaced both main tires with Air Hawk 6.00x6x6. Cleaned and greased wheel bearings. Inspected brakes and pads. (4) new 66-105 brake pads. Inspected and greased landing gear. Inspected and lubed all cables, hinges and controls. Tested interior and exterior lighting. Replaced Brackett air filter element with BA-3. Inspected propeller, spinner and backing plate. Dressed propeller as needed. C/W AD 2013-02-13, Inspected stabilator control cables, no defects found. Installed shoulder harness kit by Aero Fabricators P/N 13-00916-4. I certify that this aircraft has been inspected in accordance with an annual inspection and at this date was determined to be in airworthy condition. Pete Trabold A&P 3492896 IA for Simsbury Aircraft Maintenance, LLC. ----- END -----

VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114
 LOG ID# 3003 27-July-2016 WO# 22198 TH5R223N
 N5514U S/N 28-26226 PIPER PA-28-140

Pg 1

-MODE C IS INOP: Confirmed the problem in the aircraft. Removed the Narco Avionics AR850 blind encoder s/n: 85860 and tested it on the bench. Confirmed the unit is defective. Replaced the defective encoder with a new Trans Cal SSD120-30N encoder s/n: N22752. Tested the transponder to encoder integration per FAR 43 Appendix E Paragraph C. Tested the transponder system per FAR 91.413 and found it to comply with FAR 43 Appendix F. Transponder system OPS tests good.

CRS # TH5R223N Steve T. Mis

7-27-2016
Date

3/21/2017 N5514U Piper PA28-140 S/N 28-26226 Tach 4187.0 Replaced engine mounts with (2) P/N 94011-02 and (2) P/N 94011-20. Installed with new bolts and nuts. Rewired P-leads form mags to switch, Alternator field and landing light. Stripped engine mount, primed and painted. Repaired engine baffles. Installed new Brackett BA-3 air filter. Pete Trabold A&P 3492896 for Simsbury Aircraft Maintenance, LLC.

----- END -----

YEAR:	VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114 CRS# TH5R223N
DATE:	LOG ID# 3555 14-July-2017 WO# 23043/5 TH5R223N
	N5514U S/N 28-26226 PIPER PA-28-140 TACH 4206.2

- 1- STATIC SYSTEM FAILS LEAK TEST: Troubleshoot static system leak to defective altimeter fittings. Replaced the fittings. Static system leak tested good. Work done IAW AC43.13-1B/2B.
- 2- COM XMIT INTERMITTENT: Troubleshoot COM systems transmit problem to defective transmit select switch. Removed defective COM select switch. Installed new COM select switch p/n: MTA-206N in aircraft. System ramp tested good.
- 3- MARKER BEACON ANTENNA LOOSE: Removed marker beacon antenna forward mounting bolt and cleaned threads. Added two large area washers with front mounting bolt to Sandwich aircraft skin and reinstalled antenna IAW AC43.13-2B Chapter 3. System OPS tested good.
- 4- REPLACE XPDR ANTENNA: Removed defective transponder antenna Bendix/King KA60 p/n: 071-1074-00, s/n: unknown and found corrosion under antenna. Removed and cleaned all corrosion in transponder antenna area and painted. Installed new Comant CI-105 antenna s/n: 81740 using existing transponder antenna provisions. Work done IAW AC43.13-1B Chapter 6 and 2B Chapter 3. System OPS tested good.
- 5- FAR 91.411 has been accomplished IAW Part 43 app E para A,B,D. This altimeter has been tested to 20,000 feet. Pertinent details are on file at this facility.
 Make: Kollsman Model: 671BK-010 Serial #: 68716
- Automatic pressure altitude reporting system tested to 20,000 feet as required by FAR 91.411 IAW FAR 43, app E. para. C.
 Make: Narco Model: AR-850 Serial #: 85860
- ATC transponder tests and inspections required by FAR 91.413 were performed and found to comply with FAR part 43 app F.
 Make: Bendix/King Model: KT76A Serial #: 69156

YEAR:	RE TA TI	VIP Aero Instruments and Avionics BRAINARD AIRPORT HARTFORD, CT 06114 CRS# TH5R223N
DATE:		LOG ID# 3555 14-July-2017 WO# 23043/5 TH5R223N
		N5514U S/N 28-26226 PIPER PA-28-140 TACH 4206.2

I certify that this aircraft has been inspected in accordance with FAR 91.411 and 91.413 inspections and was determined to be in airworthy condition.

David Kocak 7/14/17
 David Kocak Date

N5514U 28-26226 September 1, 2017 Tach: 4208.8
 SMOH: 24.8

Inspect aircraft in accordance with Annual inspection checklist outlined in Piper Cherokee Maintenance Manual section 5 and FAR 43 Appendix D. Compressions 76/80, 65/80, 76/80, 76/80. Install new RA-3-5-1 regulator filter and new RA D9-18-1 vacuum filter. Test ELT operation in accordance with 91.207 (c). Battery replacement due 09/2018. Comply with SB 1242 Rudder Pedal Assembly Inspection, no defects found. Comply with AD2017-14-04 by routing oil cooler hoses 2 inches from exhaust [REDACTED]. All AD's complied with at this time. Run up and leak check performed, all operational checks satisfactory. This aircraft has been inspected in accordance with an Annual Inspection and has been found to be in airworthy condition.

Christopher S Carman AP2858236IA *Chris Carman*

N5514U

28-26226

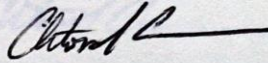
November 19, 2018

Tach: 4223.4

SMOH: 39.4

Inspect aircraft in accordance with Annual inspection checklist outlined in Piper Cherokee Maintenance Manual and FAR 43 Appendix D. Compressions 75/80, 76/80, 76/80, 76/80. Test ELT operation in accordance with 91.207 (c). Battery replacement due 12/2020. Repair right wheel pant bracket. Comply with AD2017-14-04 by routing oil cooler hoses 2 inches from exhaust. All AD's complied with at this time. Run up and leak check performed, all operational checks satisfactory. This aircraft has been inspected in accordance with an Annual Inspection and has been found to be in airworthy condition.

Christopher S Carman AP28582361A



N5514U

28-26226

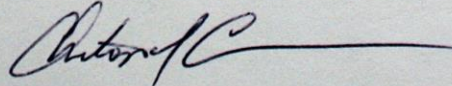
December 5, 2018

Tach: 4238.2

SMOH: 54.2

Inspect aircraft in accordance with Annual inspection checklist outlined in Piper Cherokee Maintenance Manual and FAR 43 Appendix D. Drain engine oil, replace filter with new 48-110 and fill with 7 quarts Phillips 20W50XC oil. Service nose strut with nitrogen. Test ELT operation in accordance with 91.207 (c). Battery replacement due 12/2020. Comply with AD2017-14-04 by inspection of the oil cooler hoses around exhaust and electrical, next due 4338.2 or annual inspection. All AD's complied with at this time. Run up and leak check performed, all operational checks satisfactory. This aircraft has been inspected in accordance with an Annual Inspection and has been found to be in airworthy condition.

Christopher S Carman AP28582361A



Airframe Log

Date

Reg#

Tach

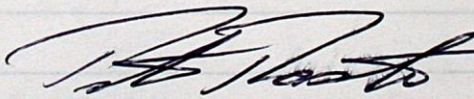
2/17/20

N5514U

4239.0

IAW Piper PA28 Service Manual, removed tail position white light, replaced with uAvionix tailBeacon TSO assembly p/n UAV-1002183-001 s/n 2002059. Installed IAW tailBeacon TSO Installation Guide, Document # UAV-1002185-001 Rev C. Used existing position light circuit. Placard installed next to position light switch. FMS Document # UAV-1002512-001 Rev A. Weight change negligible. Rudder balance check, ok. This ADS-B OUT system was shown to meet the equipment performance requirements of 14CFR section 91.227. See 337 Form.

Peter Rasten A&P 3373314



Total Aircraft ~ Brainard Airport ~ Hartford, CT

is must be endorsed with name, rating and certificate number.
by. (

LOGBOOK ENTRY

Date: Dec 27, 2020

Tail Number: N5514U

Type: Piper PA-28-140 S/N: 28-26226 Tach: 4246.73


Certified the altimeter system per 91.411, in accordance with FAR part 43, appendix E, paragraph B, to 20,000 feet. Make: Kollsman Model: 671BK-010 S/N: 68716

Certified the Mode C system per 91.411, in accordance with FAR part 43, appendix E, paragraph C to 20,000 feet. Make: Narco Model: AR-850 S/N 85860

Certified the Transponder system per 91.413, in accordance with FAR part 43, appendix F. Make: Bendix/King Model: KT-76A S/N: 69156

Certified the Pitot/Static system per 91.411, in accordance with FAR Part 43, appendix E, paragraph A.

Exxel Avionics, LLC. Certifies that this aircraft, or component thereof, was repaired or altered in accordance with current FAA airworthiness regulations and in respect to that work the aircraft is approved for return to service. Pertinent details are on file at this Repair Station under work order # 8863

INSPECTOR 

Exxel Avionics, LLC., 301 W. Washington Street,
Bristol, CT 06010 FAA CRS # XL6R743J

ALTIMETER CORRECTION CARD

ALT model: **Kollsman 671BK-010** TAIL #: **N5514U**

ALT S/N: **68716** DATE: **Dec 27, 2020** INSP: **SC**

TRUE	ERROR	TRUE	ERROR	ALT	FRICTION
-1000	0	14000	-20	1000	20
0	0	16000	-30	2000	20
500	-10	18000	-40	3000	20
1000	0	20000	-40	5000	20
1500	0	22000		10000	20
2000	0	25000		15000	30
3000	+10	30000		20000	30
4000	+10	35000		25000	
6000	+20	HYSTERISIS		30000	
8000	+20			35000	
10000	+10	50%	20	CASE LEAK	30'@18K
12000	0	40%	20		

EXXEL AVIONICS
FAA REPAIR STATION #XL6R743J

N5514U

28-26226

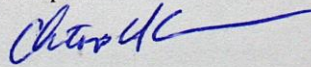
December 20, 2020

Tach: 4246.4

SMOH: 62.4

Inspect aircraft in accordance with Annual inspection checklist outlined in Piper Cherokee Maintenance Manual and FAR 43 Appendix D. Drain engine oil, replace filter with new 48-110 and fill with 7 quarts Phillips 20W50XC oil. Service left and right main gear and nose struts with nitrogen. Replace ELT battery with new, test ELT operation in accordance with 91.207 (c). Battery replacement due 12/2022. Comply with AD 2020-24-05 by inspection of the wing spar, next due 12/2027. Comply with AD 2017-14-04 by inspection of the oil cooler hoses around exhaust and electrical, next due 4346.4 or annual inspection. Comply with AD 2013-02-13 by inspection of the stabilator turnbuckles and cables, next due 12/2027. All AD's complied with at this time. Run up and leak check performed, all operational checks satisfactory. This aircraft has been inspected in accordance with an Annual Inspection and has been found to be in airworthy condition.

Christopher S Carman AP2858236IA



05/11/2022 N5514U S/N 28-26226 Tach: 4261.7 SMOH 77.7

Airframe inspected per FAR 43 appendix D. Washed airframe. Inspected and tested ELT per FAR 91.207(d). Replaced (8) D size Duracell batteries. Next due March 2031. Replaced vacuum filters (P/N RA-D9-18-1 and RA-B3-5-1). Installed (2) new cabin rudder steering boots (Piper P/N 453-158). Re-installed repaired airspeed indicator (Keystone instruments WO 22-0184). Replaced Brackett air filter element (P/N BA-3). Replaced all main landing gear attach hardware per Piper SB #1375. Installed (2) new wing root seals (Brown's P/N WR-693-B). Disassembled, cleaned, and greased stabilator trim jackscrew. Installed (2) new trim barrel bushings (P/N 452-413). Verified control cable tensions were correct per Piper Service manual. Cleaned gascolator, installed with new gasket (P/N 462-049) and screen (P/N 10543-2). Removed fuel tanks for spar inspection per AD 2020-24-05. Replaced leaking left fuel sender gasket (P/N MC462-021). Fabricated and replaced section of hard brake line in right wing due to cracked flare. Reinstalled tanks using new stainless hardware and new tank flex hoses (P/N 63901-15). Fogged airframe with ACF-50. Cleaned and greased all wheel bearings and landing gear scissors. Brake system was found to be contaminated with automotive fluid. Flushed brake system and replaced all brake flex hoses. Installed new caliper o-rings and new brake linings (P/N RA 66-105) Bled and serviced system with 5606. Serviced (3) oleo struts with 5606 and nitrogen. Replaced cracked spinner and backplates with new (P/N 14422-00, 66630-00, 62352-00). Modified battery box per Bogert Aviation STC# SA4008NM and installed copper battery cables per STC# SA3531NM as required by Piper SB # 836A. Updated AD listing. AD 76-07-12 ignition switch tested, next due 4361.7/12 months. **END**

Donald C Snyder A+P21207511A

A/C REG. # N5514U

DATE 05/11/2022

TOTAL A/C TIME 4261.7 HRS.

TACH TIME 4261.7

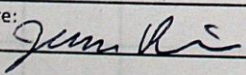
I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN CIRCLE ONE ANNUAL 100 HR INSPECTION AS PER FAR 43 APP D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

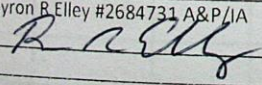
Donald C Snyder A+P21207511A

SIGNATURE

CERTIFICATE NO / TYPE

Aircraft Systems Inc. 2252 Beechcraft Rd Chickasha OK 73018 (580) 736-0531		
Airframe: N5514U	M/M/S: PA-28-140 S/N: 28-26226	Date: 06/26/2022
Hobbs: N/A	Tach: 4284.20	AFTT: 4284.2
Description of Work Performed: Installation of Garmin G5 attitude indicator -Removed existing (inoperative) ADF indicator (Narco ADF 101, SN 19087) -Relocated existing attitude indicator to prior ADF location -Installed G5 attitude indicator in pilot's instrument panel (PN 011-03809-00, SN 4JQ060456) with reference to STC #SA01818WI. W&B negligible. See Form 337 this date for details. **END**		
No defects noted for work performed. Aircraft returned to service this date.		
Signature: <i>Jason Bivens</i>		Credentials: Jason Bivens #3707043 A&P

Airframe Log: N5514U	M/M/S: PA-28-140 Ser# 28-26226	Date: 08/19/2022
	Tach: 4291.94	
Description of Work Performed: Installed supplemental JPI 830 engine monitoring system IAW STC SA2586NM and STC SA00432SE and with reference to manufacturer installation manuals. Installed sensors for EGT, CHT, Oil pressure, Oil Temperature, RPM, OAT, Carb Temperature, Fuel flow, and fuel pressure. See FORM 337 this date. Installed magnetic compass PN:PAI-700 SN:100076 with reference to the aircraft and manufacturers service and installation manuals. Installed, configured, and tested per JPI installation and STC instructions. Aircraft Weight and balance updated. **END**		
No defects noted for work performed. Aircraft returned to service this date.		
Signature: 		Credentials: Jason Bivens #3707043 A&P

N5514U - Airframe Log	Piper PA-28-140	Serial# 28-26226
Owner:	Lycoming O-320-E2A	Tach Time: 4299.19
Date: 6/1/2023	Aircraft Total Time: 4299.19	
<ol style="list-style-type: none"> 1. Serviced Nose Strut per Piper Maintenance manual, and serviced nose wheel tire per Piper service manual. 2. Resealed R/H wing fuel sump-leak/operational checked good. 3. ELT inspected in accordance with FAR 91.207(d), battery due next March 2031, checked ELT operation. 4. Inspected and lubed all pulleys, hinges, pivot points and rod ends. 5. Inspected, cleaned and reinstalled fuel screen and checked for leaks. 6. Installed new Tail beacon bulb-operational checked good. Reoriented co-pilot outboard lap belt. 7. Bled and service brakes and brake reservoir-operational checked good. 8. Cleaned Main strut exposed chrome of contaminants with clean MIL-H-5606 fluid. 9. Lubricated Main strut torque links. <p>Completed Annual inspection this date in accordance to with FAR 43, Appendix D and approved maintenance/service manual check list. Checked operation of all systems, all ok. Checked AD's current through 6/1/2023.</p> <p>I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p>		
Byron B. Elley #2684731 A&P/IA		
		

YEAR: 2024	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				
01/22/24	TACH	4309.54		INSPECTED WING & TAIL ATTACHMENT POINTS VERTICAL FIN FOR CRACKS NONE FOUND, SEAT TRACKS OK, ADS THROUGH 24-12 INSPECTED ELT IAW FAR 91.207 (G) OK ELT BATTERY DUE <u>MAX 31</u> SERVICED MAIN GEAR WITH 5606, INSTALLED NOSE GEAR STRUT SEAL KIT AND SERVICED WITH 5606, LUBED WHEEL BEARINGS, REPAIRED NOSE BOWL AT TOP INSPECTED FUEL STRAINER OK, CW AD 20-24-05 WING SPAR INSPECTION CW AD 13-02-13 STABILATOR CABLE TURNBUCKLES OK, CW AD 69-22-02 CONTROL WHEEL INSPECTION, CW AD 20-16-05 MUFFLER INSPECTION OK CW AD 72-08-06 MAIN LANDING GEAR TORQUE LINK INSPECTION OK CW AD 76-07-12 MAG SWITCH OPS CHECK OK, AD 17-14-04 OIL COOLER HOSES N/A TYPE D HOSES INSTALLED I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE

YEAR: 2024	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
				WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION <i>David Trilling</i> AFI 284231IA

A&M Aviation CRS # 8G8R177D 405-627-2331 Stroud Municipal Airport, Stroud, OK
Piper Cherokee PA-28-140 N5514U S/N 28-26226 Hobbs: WO# A-141124-1

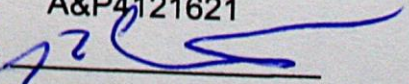
Removed the following, King KT-76A transponder, Sigtronics SAS-440 intercom Icom A200 Nav/Com. Installed the following Garmin G5, P/N 011-03809-00, S/N 4JQ077404. GAD29D, P/N 011-03236-21, S/N 6V9506252. Garmin GMU-11, P/N 011-04349-01, S/N 56J120569. Garmin GNS-530W, P/N 011-01064-00, S/N 23801592. Garmin GMA-340, P/N 011-00401-10, S/N 96288691. Garmin GTX-327, P/N 011-00490-00, S/N 83747812. RAMI GPS Antenna, P/N AV-801, S/N 240376. The following was previously installed. Garmin G5, P/N 011-03809-00. S/N 4JQ060456. Trans-Cal Encoder P/N SSD-120-30X, S/N N22752. United stand by alt, P/N 5934P-3, S/N 493811. Narco MK-12D S/N B8328, King KN-64 P/N 066-1088-00, S/N 6610. G5 STC # SA01818WI. GMA-340 STC # SA00710WI. GTX 327 STC # SA00870WI. Replaced pitot & static lines inside the cabin with new tubing. Performed 91.411 / 413. No leaks noted. CRS WO # A-a41124-1. Removed 6.3 lbs and Installed 15.7 lbs for + 9.4 lbs at + 68.8. Updated W&B dated 01/20/25. All work completed IAW Garmin Install manuals and or AC 43.13-1 or AC 43.13-2.
 Marvin Pitman CRS# 8G8R177D 01-20-25 *Marvin Pitman*

YEAR:	TACH TIME	FLIGHT	TIME IN SERVICE	Description of inspections, Tests, Repairs and Alt
24				Entries must be endorsed with Name, Rating and Certificate N Facility. (See back pages for other specific entries.)
12-12	4330.80			<p>A&M Aviation, LLC CRS# 8G8R177D N# <u>N5514U</u></p> <p>W/O# <u>A141124-1</u> IFR/VFR tested to <u>20</u> K ft</p> <p>This Altimeter / Transponder system has been tested as required by FAR 91.411 & or 91.413 and complies with FAR 43 Appendix E & F</p> <p>Altimeter S/N's <u>G5-S/N 4JQ060456/STBY 5934P3</u></p> <p>Transponder S/N's <u>GT8-327 S/N 837 47812/4N49811</u></p> <p>Encoder S/N's <u>JCI-55D-120-30N S/N N22752</u></p> <p>Tach/Hobbs <u>4330.80</u> Date <u>Dec 12, 2024</u></p> <p>Signature <u>Stuart Thimer</u></p>

ECOR
TACH
TIME

Date: 01/04/2025 Hours: Tach: 4335.38
 Tail#: N5514U
 Make: Piper Model: PA28-140 S/N: PA28-140
 Removed the top aft engine baffle seal. cleaned the baffle and treated primed and painted and installed new baffle seal material trimmed as needed for fitment and applied high temp silicone as needed.

Name: JON E CONANT
 Co: Clear Skies Aviation

Cert: A&P4121621
 Sign: 

YEAR MO DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2025	RESTART	4363.46		INSPECTED WING & TAIL ATTACHMENT POINTS, VERTICAL FIN FOR CRACKS OK, SEAT TRACKS OK, INSPECTED ELT IAW FAR 91.207(d) OK
				ELT BATTERY DUE MAR 31 FUEL STRAINER OK CW AD 69-22-02 CONTROL WHEEL FOR CRACKS OK, CW AD 20-16-05 MUFFLER & EXHAUST SYSTEM OK
				CW AD 72-08-06 MAIN LANDING GEAR TORQUE LINKS OK, CW AD 76-07-12 MAG SWITCH OK ADS THROUGH 25-13, INSTALLED HOUR METER AND
				PRESSURE SWITCH LEAK CHECK OK, REPLACED FUEL SELECTOR O'RING
				REPAIRED LEFT & RIGHT COWL PROP ROD BRACKETS, RETORQUED RIGHT WHEEL FAIRING BRACKET
				I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				<i>Louis Trilling</i> A1284231JA