

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.)

Tanner Aviation Services, Inc.

559 Airport Road Erwin, NC 28339

Make: Piper

Registration: N515DH

Model: PA-28-140

Serial Number: 28-25331

TT: 6773.0

Current Time: 5607.7

1. Opened aircraft for 100-hour inspection.
2. Complied with Piper Cherokee 140, 100-hour checklist.
3. Removed and replaced the spinner assembly due to cracking. P/N 65805-00.
4. Complied with FAR part 39 through bi-weekly 2023-04. See separate listing for compliance times.
5. Lubricated aircraft in accordance with Piper 140 lubrication schedule.
6. Sent alternator out for testing and evaluation, suspected grounding issue.
7. Installed new defroster control cables, P/N 554-144.
8. Repaired dents in cowling doors.
9. Removed and replaced right aileron rod end at the aileron connection.
10. Complied with FAR 91.207, check of ELT.
11. I certify that I have inspected this aircraft in accordance with an annual inspection, and find it to be in airworthy condition as of this date.

Winfield Scott Tanner A&P, IA

Date: March 28, 2023

rations
ber of
entries.)

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
DATE			

Description of Inspections, Tests, Repairs and Alterations

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.)

Tanner Aviation Services, Inc.

559 Airport Road Erwin, NC 28339

Make: Piper

Registration: N515DH

Model: PA-28-140

Serial Number: 28-25331

TT: 6870.6

Current Time: 5705.3

1. Opened aircraft for 100-hour inspection.
2. Complied with Piper Cherokee 140, 100-hour checklist.
3. Complied with FAR part 39 through bi-weekly 2023-12. See separate listing for compliance times.
4. Lubricated aircraft in accordance with Piper 140 lubrication schedule.
5. Complied with FAR 91.207, check of ELT. Replaced ELT antenna with a serviceable antenna. 121.5 Mhz.
6. Re-installed Door after window was replaced by Ryan Evans, [REDACTED] A&P.
7. Serviced nose strut with MIL-H-5606A. Installed a new nose strut pressure fitting.
8. I certify that I have inspected this aircraft in accordance with 100-Hour inspection, and find it to be in airworthy condition as of this date.

Winfield Scott Tanner A&P, IA

Date: June 15, 2023

ations
ber of
tries.)

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.)
				Tanner Aviation Services, Inc. 559 Airport Road Erwin, NC 28339 [REDACTED] Make: Piper Registration: N515DH Model: PA-28-140 Serial Number: 28-25331 TT: 6963.3 Current Time: 5808.0 1. Opened aircraft for annual inspection. 2. Complied with Piper Cherokee 140, 100-hour checklist. 3. Complied with FAR part 39 through bi-weekly 2023-26. See separate listing for compliance times. 4. Lubricated aircraft in accordance with Piper 140 lubrication schedule. 5. Complied with FAR 91.207, check of ELT. Replaced ELT battery. 6. Engine removed and replaced with overhauled engine. O-320-E2A S/N L-24924-27A. Overhauled by Triad Aviation, Inc. 7. Serviced all landing gear struts with MIL-H-5606A. Installed a new nose strut pressure fitting. 8. I certify that I have inspected this aircraft in accordance with an annual inspection, and find it to be in airworthy condition as of this date. Winfield Scott Tanner A&P [REDACTED] Date: February 1, 2024 [REDACTED]

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.)

wo: WO_153

Total Aircraft [REDACTED]
Airframe

page 1 of 1

N515DH

TACH: 5851.2

PIPER, PA-28-140, S/N: 28-25331

March 21, 2024

1. Installed propeller, nose bowl, and replaced alternator. Installed P/N 10-1051 - Alternator S/N: H-X090298.
2. Alternator Ops check good.
3. Repaired landing light wiring on nose bowl.
4. Replaced RH main landing gear tire, reused serviceable tube. Installed P/N 072-315-0 - Condor 6.00-6.
5. Repaired crack in cowlng nose bowl.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Total Aircraft under work order: WO_153.

Ryan Evans AP/IA [REDACTED] [REDACTED]

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				

wo: WO_177

Total Aircraft - [REDACTED]
Airframe

page 1 of 1

N515DH

PIPER, PA-28-140, S/N: 28-25331

April 17, 2024

TACH: 5882.6

1. Measured, parasitic draw, battery voltage, voltage during cranking, and charge voltage. The field coil voltage was too low and the charge voltage was only 13.2V. 13.8 to 14.2 is required. Opened and adjusted the voltage regulator to bring the charge voltage up to 14.1V.
2. Installed new hardware on the LH landing gear that was found to be loose.
3. Replaced O-ring on brake caliper piston. Installed (2) P/N RA066-10500 - Brake Lining, Installed P/N MS28775-222 - O-ring.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Total Aircraft under work order: WO_177.

Ryan Evans AP/IA [REDACTED] [REDACTED]

Alterations
Number of
specific entries.)

wo: WO_194

Airframe · page 1 of 1

YEAF



TOTAL AIRCRAFT

Total Aircraft · 4016 Cataldo Way · Fuquay Varina, NC 27526 · [REDACTED]

Alterations
Number of
specific entries.)

DAT

N515DH

TACH: 5882.6

PIPER, PA-28-140, S/N: 28-25331

June 06, 2024

1. Inspection complied with using FAR 43 App D and manufacturer's maintenance manual. All applicable AD complied with see AD sheet for details. I certify that this aircraft has been inspected in accordance with an 100Hr inspection and was determined to be in airworthy condition. Installed P/N BA-3 - Bracket Air Filter Element.
2. ELT inspected IAW 91.207 (d) ELT battery replaced.
3. Depaneled plane and lubed control surfaces.
4. Check right strut bolts. Replaced one bolt and two nuts. Tightened lower nuts.
5. Reinstall interior, repanel, recowl.
6. Cleaned and packed main/nose landing gear bearings.
7. Checked cable tensions and travels and found to be within manufacturer specifications.
8. Removed prop. Trimmed baffling. Reinstalled prop and torqued according to service manual.
9. Replaced trim screw with new PN:CA65246-100. Operated trim through full range, no defects noted.
10. Replaced ELT battery with new BP-1010 battery pack. Tested IAW FAR 91.207(D) no defects noted.
11. Applied high temp RTV to firewall.
12. Right aileron only travels 25 degrees up and tcds says 30. Adjusted left aileron forward and aft stops to get proper travel ranges on both ailerons.
13. Tightened stabilator tension per service manual.
14. Replaced middle and outer flap hinge bearings with new PN:452-387 Bearings, AN3 bolts and fiber lock nuts.
15. Removed inboard flap bracket and installed serviceable flap bracket using AN3 bolts and metal locking nuts. Installed (3) P/N 452-387 - Rudder Bearing.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Total Aircraft under work order: WO_194.

Ryan Evans AP/IA [REDACTED]



TRIAD AVIATION, INC.

FAA CRS# PP4R448M

BURLINGTON - ALAMANCE

REGIONAL AIRPORT (KBUY)

3439 S. AVIATION DR.

BURLINGTON, NC 27215

PH

Engine Manufacturer:

LYCOMING

Engine Model Number:

O-320-E2A

Engine Serial Number:

L24924-27A

Total Time on Engine:

6580.0

hours

Time Since Major Overhaul:

0.0

hours

Date:

1/15/2024

Mfr Recommended TBO:

2000

hours

This Engine is Currently Installed in Aircraft:

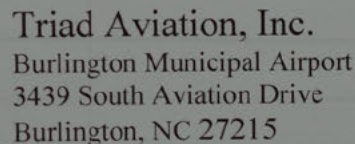
NS15DH PA-28-140 S/N 28-25331

DATE 04/10/2023

MODEL O-320-E2D

ENGINE TOTAL TIME

TBO 2000



04/10/2023

Test Ran Lycoming O-320-E2D Engine Serial Number L-24924-27A for 2 hours 15 minutes, RPM 2700, oil pressure 83 lbs., oil temperature 184 degrees, CHT 333. Magneto check at 2100 RPM, L 80 RPM, R 80 RPM. Compression test cylinder #1 80/80 #2 80/80 #3 80/80 #4 80/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 27720
Signed: _____ Date: 04/10/2023

Date	Tach Time	Total Time	TSMOH
------	-----------	------------	-------

Description of Maintenance Performed Inspections, AD's, SB's, Installations, Modifications, etc.

QUANTITY	PART NUMBER	DESCRIPTION	SALE AMOUNT
8	18M25104	BEARING	
2	18A26093	BEARING	
4	18D26096	BEARING	
8	15B26588	LIFTERS	
8	78027	BOLT	
8	LW-12186	NUT	
1	STD-1211	PLUG	
8	LW-12892	BUTTON	
4	69603	HOSE	
4	STD-1211	PLUG	
8	LW-12892	BUTTON	
4	69603	HOSE	
4	STD-2180	HOSE	
1	61884	SPRING	
2	72369	BAFFLES	
1	69391-1	GASKET SET	
1	STD-2246	BOLT	
8	74437	BUSHINGS	
4	LW-14078	PISTON PINS	
8	72198	PLUGS	
4	383-B	NUTS	
1	68761	TUBE ASSY	
1	68759	TUBE ASSY	
1	LW-25-094	BOLT	
3	15F38835-13	PUSH RODS	
TOTAL			

MISCELLANEOUS PARTS			
1	72566	RING GEAR	

Triad Aviation, Inc.
FAA Repair Station #PP4R448M
3439 South Aviation Drive
Burlington, NC 27215
Telephone [REDACTED]

NAME TANNER AVIATION
ADDRESS 559 Airport Rd.
Erwin, NC 28339

919-604-4307	WORK ORDER NO. 27720
EMAIL [REDACTED]	DATE 11/12/2022
MAKE LYCOMING	WRITTEN BY B.M.B.
MODEL O-320-E2A	P.O. NO.
REGISTRATION NO.	TACHOMETER
SERIAL NO. L-24924-27A	

INSTRUCTIONS/WORK DESCRIPTION

Overhaul Lycoming O-320-E2A Engine Serial Number L-24924-27A.
Overhauled and test ran
Crankcase - Cast# 72082 Mch# 3288 - Repaired by Divco (Inv# 137665)
Camshaft - P/N LW-18840 - New by Lycoming (Tr# MS-578793)
Cylinders - P/N SL32006W-A21P S/N 326W000007753, 326W000007757, 326W000007778, 326W000007782 - New by Superior (Inv# SO-00010965)
Ignition Kit - K4517-38 Magnetos P/N 4370 S/N 21090118 & 4373 S/N 21110127 - New by Champion (Inv# 21366)
Fuel Pump - P/N AF-15472 S/N 0WL820 - New by AA (Tr# 051571)
Carburetor - P/N 10-5135 S/N MS0YYY19 - Overhauled by Marvel (Tr# 061332)
CW 96-09-10 C dated 07/15/1996 To prevent oil pump failure due to impeller failure CW per SB 524 installed gears P/N LW-18109 & LW-18110 CW 98-02-08 dated 03/30/1998 To prevent crankshaft failure CW per SB 505B & 530B CW 2004-10-14 C dated 06/25/2004 To prevent loosening or failure of the crankshaft gear retaining bolt CW per SB 475C CW 2017-16-11 dated 08/15/2017 To prevent connecting rod failure which could result in uncontained engine failure CW per SB 632B

This engine and/or component is approved for return to service. All pertinent details on file this repair station. TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M
Signed: [REDACTED] Date: [REDACTED]

I hereby authorize the following work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above aircraft to secure the amount of repairs thereto.
You will not be held responsible for loss or damage to the aircraft or articles left in the aircraft in case of fire, theft, or any other cause beyond your control.

X

ENGINE OVERHAUL	
TOTAL PARTS	
MISCELLANEOUS PARTS	
ENGINE TRANSPORTATION PICK UP	
TAX	
TOTAL	EXEMPT

Date

Tanner Aviation Services, Inc.
559 Airport Road Erwin, NC 28339

Work Performed
Repairs, Modifications, etc.

Make: Lycoming

Tach: 5808.0

Model: O-320-E2A

Serial Number: L24924-27A

TT: 6580.0

SMOH: 0.0

1. Removed old engine O-320-E2D Serial Number L-21059-27A, and installed newly overhauled engine Lycoming O-320-E2A, serial number L24924-27A, by Triad Aviation, Inc.
2. Checked cylinder differential compressions as follows: #1 80/80, #2 80/80, #3 80/80, #4 80/80. Master Orifice 46.
3. Complied with FAR part 39, AD research through Bi-weekly 2023-26, see separate listing for AD compliance, and times. No AD's due at this time.
4. Filled engine with 8 quarts of Phillips XC 20W50, and installed new oil filter Tempest AA48110-2.
5. Installed serviceable carburetor heat cable.
6. Installed new engine mount isolators, from Barry Mounts
7. Installed new engine baffling, from Airforms, LLC.
8. Installed new engine hoses
9. Installed two new primer lines. Cleaned primer nozzles. Replaced clamps.
10. Replaced muffler baffle for cabin heat with new baffle from Acorn Welding.
11. Repaired spinner bulkhead, by addition of spinner support brackets from McFarlane Aviation, Inc
12. I certify that I have inspected this engine in accordance with a 100-hour inspection, and find it to be in airworthy condition as of this date.

Winfield Scott Tanner A&P, IA [REDACTED]

Date: February 1, 2024

wo: WO_194

Engine · page 1 of 1

Dat



TOTAL AIRCRAFT

Total Aircraft · 4016 Cataldo Way · Fuquay Varina, NC 27526 · [REDACTED]

N515DH
TACH: 5882.6

LYCOMING, O-320-E2A, S/N: ENGINE SN TBD

June 06, 2024

1. Inspection complied with using FAR 43 App D and manufacturer's maintenance manual. Compressions 1/79__ 2/78__ 3/79__ 4/76__ all over 80psi. All applicable AD complied with see AD sheet for details. I certify that this engine has been inspected in accordance with an 100Hr inspection and was determined to be in airworthy condition.
2. Replaced oil filter and inspected, NDN. Cleaned and inspected oil sump screen, NDN. Service engine with oil.
3. Ran engine for leak check and found no leaks.
4. Cleaned and gapped all spark plugs.
5. Replaced missing lock washer and nut on #2 exhaust
6. Tightened fitting on mechanical fuel pump, leak check due during engine run.
7. Adjusted throttle cable rod end to make full range of travel.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Total Aircraft under work order: WO_194.

Ryan Evans AP/IA [REDACTED]

ied

ations, etc.

Date

wo: WO_194

Propeller - page 1 of 1



Total Aircraft - 4016 Cataldo Way - Fuquay Varina, NC 27526 - [REDACTED]

N515DH
TACH: 5882.6

June 06, 2024

Inspection complied with using FAR 43 App D and manufacturer's maintenance manual. All applicable AD complied with see AD sheet for details. I certify that this propeller has been inspected in accordance with an 100Hr inspection and was determined to be in airworthy condition.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Total Aircraft under work order: WO_194.

Ryan Evans AP/IA [REDACTED] [REDACTED]

is, etc.