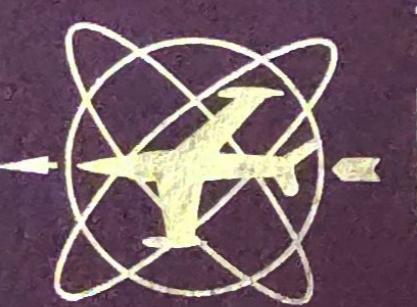


ONE STOP AVIATION, INC.

REPAIR STATION XR3R981L
OCEANSIDE, CA 92058
Phone: (760) 721-1389



The Standard
ENGINE LOG

ASA-SE-2

Engine Record General Information

The Standard Engine Log
SE-2

© 1991-2015 Aviation Supplies & Academics, Inc.

ASA-SE-2
ISBN 1-56027-326-7
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P N R A S A - S E - 2



ISBN 978-1-56027-326-4



5 1 2 9 5

9 7 8 1 5 6 0 2 7 3 2 6 4

Manufacturer Continental

Model T5i0 360 F8

Serial 281097-R

Type Certificate

This engine is currently installed in aircraft:

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

Registered Owner Record

Notes

WARRANTY

All engines warranted against defect in material and workmanship to 240 hours or 12 months whichever occurs first, to include parts and labor. An additional pro-rated warranty to TBO will be based on a minimum of 40 hours per month usage. All parts and labor to be approved by One Stop Aviation prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.

ONE STOP AVIATION, INC.
FAA Repair Station #XR3R981L
3245 Production Ave., Ste D
Oceanside, CA 92058-1340
(760) 721-1389

YEAR 20 _____ 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.)
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Ex Time: 2658.7

ENGINE CERTIFICATE

FAA Repair Station XR3R981L

11 08/25/17

Major overhaul engine in accordance with manufacturers specification and current federal aviation regulations. All current airworthiness directives complied with at overhaul. Magnaflux and Zyglo inspection of appropriate parts. Work Order No. 29985 on file at One Stop Aviation, Oceanside; engine reassembled, test run, and OK to return to service.

Model T510-360-F1

Serial No 281097-R

Authorized representative

"O" SMCN

H. 1799.2 REMARKS

YEAR 20 _____	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.)
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Type:	Continental TSIO-360-FB		WO:	29985	
QTY	PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION
4	SA 639580	c/w bushing	2	633609-18	mag brg
8	SA 639198	c/w bushing	2	531178	retainer
6	SA 538684	rod bushing	2	636931	nut
24	SA 627693	r/a bushing	4	36025	washer
2	643626-110	c/w pin	1	631687	o/p plunger
2	643626-111	c/w pin	1	627458	o/p spring
8	SA 629004	c/w circlip	24	SA 646605	nut
8	653143	c/w plate	12	RHM38E	spark plug
1	SA 530917	nose seal	1	630393P030	push rod
1	SA 631348-A3	gasket kit	1	629588	prop gov drive gear u/s
12	655959	rod bolt	1	630057	cyl head baffle u/s
12	654487	rod nut	1	641322	baffle s/s 654932 u/s
12	SA 642338 M10	rod brg	1	642202	tube primer u/s
1	646597-A1 M10	main bearing	1	10639B	oil cooler ovh
4	SA 630692	crankscrew	1	653061	camshaft regrnd
4	SA 630742	cam bolt	6	658189A2	Continental cylinder complete assy
6	SA 629690	piston pin assy	1	649051A2-5	fuel system
12	SA 633106	lifters	2	6324	magneton new Slick
24	SA 501867	locktab	1	M2778	ignition harness
4	SA 638172	mag cushions			

ACTT 3107.4

YEAR 20 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.)

SkyView Aviation →

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy, CA 95377
(209)830-7666

N Number: N38636 Tach: 2658.7 SMOH: 0

Eng. TT: 1799.2 on Factory reman

Complied with Annual inspection in accordance with FAR 43 appendix D. Removed engine for overhaul, re-installed engine Continental TSIO-360-FB Ser# 281099-R after overhaul by One Stop Aviation Inc. Installed (8) quarts Phillips 20W50 "M" break in oil. Installed magneto pressure lines and filter as per Slick manual using the following parts: Disc 63915-008, hose 628555-29, -26, -25, filter 653386, rducer 653385, clamp 640187, tee 646258, clamp loop MS21333-81, brackett 643984, tee 6602-3-3 and expander 2407-3-4D. Engine test run and no leaks at this time. All work done using applicable service manuals. See AD compliance record dated 09/30/2017 and old aircraft records for AD information. I certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Richard Ortenheim A&P 2517877 IA
Date: 10/04/2017 X

YEAR 20 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.)
10-10-2017	2675.28		TSNOT 16-16	DRAINED OIL + REMOVED AND INSPECTED OIL FILTER. REPLENISHED OIL WITH A SEVEN QUARTS OF PHILLIPS 20W50 TYPE M OIL AND INSTALLED A NEW AA48108 FILTER. ADJUSTED MIXTURE CONTROL ROD END TO HIT FULL RICH STOP. ADJUSTED PROP CABLE ROD END TO HIT STOP. ADJUSTED METERED FUEL PRESSURE TO 25 gal/hr. IAW 51097-3G. ADJUSTED HIGH RPM TO 2560 ON GROUND-RUN.

Hobbs, Tach Inop
4/21/18 2954.5 Hobbs

MATTHEW EVJEN AP 31630411 IA ✓

Drained oil, removed & inspected filter.
Very Clean. Replaced filter w/ Tempest
AA 48108-2 Filter. Added 7 Quarts
Aeroshell 15W-50. Ran engine.
No Leaks observed.

Ralf Lh. 4/21/2018

CPL 3455349 Owner.

YEAR	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.)				

N38636 Continental TSION-360-FB SN: 281097-R
 5-23-2018 Tach: 2716.7 Total: 1857.2 TSMOH: 58.0

Removed fuel injectors. Installed General Aviation Modification Inc Fuel injectors Kit GT360-12E. Installation was done in accordance with STC SE09401SC. See FAA Form 337 this date.

Eric Nelson AP3455954IA 

Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

N38636 Continental TSION-360-FB SN: 281097-R
 12-1-2018 Tach: 2747.5 Total: 1888.0 TSMOH: 88.8

Compression as follows: 1-71/80, 2-62/80, 3-74/80, 4-74/80, 5-67/80, 6-70/80.

Serviced and rotated spark plugs. Checked magneto to engine timing. Changed oil and oil filter. Serviced with Aeroshell 15W-50 and AA48108 filter.

See Beaver Aviation Inc. "Aircraft Inspection Report" for details of this inspection.

I certify this engine has been inspected in accordance with and aerial inspection and was determined to be in airworthy condition.

Eric Nelson AP3455954IA 

Beaver Aviation Inc. N6469 Hwy 26, Juneau WI 53039, 920-386-2636

YEAR
 20
 DATE

Date: 9/04/2019; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Hobbs: 3077.4; Tach: 2811.3
 Engine
 Changed oil and filter p/n AA48108-2, took sample, cut filter, no metal noted. Serviced engine with 8 qts 15W50 Aeroshell oil (BZ). Ground run for ops and leaks check normal.
 All work performed in accordance with approved/current technical data.

Steve Piraino
 AP3400310



Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date: 11/19/2019; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Tach: 2827.6

Airframe
 Installed Reiff engine preheat system in accordance with Reiff Installation Manual. No change in weigh and balance (TC). Functional check normal.
 All work performed in accordance with approved/current technical data.

Tom Cutshall
 AP3239901



Wisconsin Aviation - Madison
 3606 Corben Court
 Madison, WI 53704
 608-268-5003



Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

ations
 per of
 ntries.)

Date: 3/03/2020; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Tach: 2829.7; Total Time: 3273.4; Engine - Type: TSIO-360-FB, S/N: 281097-R, Time: 1970.2; Prop - Type: BHC-C2YF-1BF, S/N: AM1564, Time: 3273.4
ETSO 171.0
Engine

Completed an Annual inspection in accordance with FAR 43, Appendix D. Removed and cut oil filter, no metal noted. Installed new filter p/n CH48108-1. Serviced engine with 1 qt 15W50 Aeroshell oil. Compression test as follows: #1 70/80, #2 52/80, #3 65/80, #4 70/80, #5 65/80, #6 63/80. #2 cylinder compression test was 42/80 (tw). Master Orifice: 43/80. Performed borescope inspection on #2 cylinder, no defects noted. Staked #2 cylinder exhaust valve, no change in reading. Ground run engine for 20 minutes, compression test as follows: #2 cylinder 53/80 (tw). Cleaned, gapped and tested spark plugs. Checked mag to engine timing. Replaced engine throttle rod-end bolt p/n AN3-7, nut p/n AN310-3 and cotter pin with new (tw). Replaced Reiff Engine oil sump heat pad p/n 14 with new (tw). Checked engine control travels and lubricated. Ground run for ops and leak ck normal. All work performed in accordance with approved/current technical data.

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

Timothy Wopds
AP364555, IA

 Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 7/06/2020; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Tach: 2852.7; Total Time: 3296.4
Engine
Changed oil and filter p/n CH48108-1, took sample, cut filter, no metal noted. Serviced engine with 7 qts 15W50 Aeroshell oil. Ground run for ops and leak ck normal.
All work performed in accordance with approved/current technical data.

Tom Cutshall
AP3239901

 Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

1 Alterations
List Number of
specific entries.)

YEAR 2021 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
7/14/21				Removed vacuum system, see airframe log N38636, 7/14/21, Precision Avionics.
				RPL 3453349, owner, operator
				Hill Aircraft & Leasing Corp Atlanta, Georgia 30336 Phone: 404-691-3330 FAA Repair Station ESER686D
				
				Date: 3/05/2021; Aircraft: N38636; Type: PA28R-201T; S/N: 7703253; Hobbs: 3167.90; Total Time: Engine - Type: . S/N: , Time: , Prop - Type: , S/N: Shop Order #: MAI-21-04562
				Discrepancy: 1 C/W OIL CHANGE. DRAINED OIL, INSPECTED OIL FILTER. GATHERED SOAP SAMPLE. ADDED 7 QTS AEROSHELL 15W50 AND A NEW FILTER P/N: CH48108-1. LEAK CHECK GOOD. WORK DONE IAW TS10 360 M.M., 8-3.8.2
				Discrepancy: 999 999***** I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.
				SIGNED:  FOR CRS# ESER686D

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

ENGINE LOG ENTRY FOR N38636 (ANNUAL)

DATE: 04-19-2021 **TACH:** 2,921.7 **TTSN:** 3,365.4 **SMOH:** 263.0

Annual inspection of engine completed this date. Compressions as follows #1 68 #2 52 #3 62 #4 62 #5 70 #6 69. Clean, gap and test all spark plugs. Clean fuel injector nozzles IAW Gami instructions. Check timing. Lubricate engine controls. Ground run for ops check satisfactory.

I certify this **ENGINE** has been inspected IAW an **ANNUAL** Inspection as per **FAR PART 43 APP D** and was determined to be in Airworthy condition.

Signed: 

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
20 DATE				Entries must be endorsed with Name, Rating and Certificate Number of specific entries.)

Hill Aircraft & Leasing Corp
Atlanta, Georgia 30336
Phone: 404-691-3330
FAA Repair Station ESER686D



Date: 5/20/2021; Aircraft: N38636; Type: PA28R-201T; S/N: 7703253; Hobbs: 1061.20; Tach.: Total Time.; Engine - Type: ; S/N: ; Time: ; Prop - Type: ; S/N: ;
Shop Order #: MAI-21-04658; Closed: 5/24/2021

Discrepancy: 1

REMOVED WORN TIRE P/N: 606C6181, SN: 60285865 FROM R/H MAIN. CLEANED, INSPECTED, AND REPACKED BEARINGS. INSTALLED NEW TIRE P/N: 30844, S/N: B3E41821 ON R/H MAIN AND SERVICED TO 30 PSI IN REFERENCE TO PIPER PA28 SERVICE MANUAL, CHAPTER 2-45, 7-48 THUR 7-50

Discrepancy: 2

CW OIL CHANGE. REMOVED AND INSPECTED OIL FILTER. NO DISCREPANCIES NOTED. INSTALLED NEW OIL FILTER P/N: A48108-2 AND PROVIDED OIL SAMPLE AS REQUESTED. SERVICED WITH 7 QTS OF AEROSHELL 15W50. OPS AND LEAK CHECK GOOD. WORK DONE IN REF PIPER PA28C M.M., 2C1 PARA 8-51

Discrepancy: 3

SERVICED OXYGEN IAW AEROX AVIATION OXYGEN SYSTEMS INC. LABEL ON THE BOTTLE

Discrepancy: 999

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

SIGNED:  FOR CRS# ESER686D

YEAR	RECORDING	TODAY'S	TOTAL	TIME IN	Description of Inspections, Tests, Repairs and Alterations
20	TACH	FLIGHT	2011	service	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	Date: 9/14/2021; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Tach: 3003.2; Total Time: 3446.9 ***Engine*** Changed oil and filter p/n AA48108-2, took sample, cut filter, no metal noted. Serviced engine with 7 qts Aeroshell 15W50 oil. Ground run for ops and leaks check normal (SK). All work performed in accordance with approved/current technical data.				

Steve Kluess
AP2696306

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Alternator Changed 10/1/2021
See Airframe Log N38636

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2	wo: PS22127			Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800
				<p>PLANE SAFE Aircraft Maintenance Inc.</p> <p>May 13, 2022</p> <p>N38636 TTAF: 3499.1 Tach: 3055.4</p> <ol style="list-style-type: none"> Completed 100Hr/ Annual Inspection IAW FAR 43 appendix D, using Piper PA-28R-201T inspection forms as a guide. Checked compressions: #1 66, #2 55, #3 58, #4 51, #5 65, #6 61/80. Cleaned, inspected and lubricated all engine controls. Changed oil and filter. Drained oil and took oil sample. Removed, cut open, and inspected oil filter. No contaminants found. Installed new filter, P/N: AA48108-2. Serviced oil tank with 7 QTS. of 20W50 X/C. Performed run-up, leak check. No leaks found at this time. Owner supplied filter and oil analysis kit. Cleaned, inspected, gapped, tested, and rotated spark plugs. Installed with new M674 gaskets. Removed magnetos and sent out for 250hr inspection. Received magnetos back from inspection. Re-installed left and right magnetos with supplied gaskets, timed to engine, and made necessary electrical and hose connections. Operational checks are satisfactory. 250hr inspection next due: 3305.4 Adjusted idle mixture to obtain proper RPM rise. Removed and replaced all intake and exhaust rocker cover gaskets with new, P/N: RG-632310. Installed (12) P/N RG-632310 - Gasket, Rocker Cover. Adjusted loose oil cooler shoe bracket for proper security. Removed and replaced leaking oil pressure regulator crush washer with new, P/N: MS35769-18, and safetied as required. Removed leaking oil pressure fitting from left side of engine between cylinders #2 and #4. Cleaned fitting, and reinstalled with thread sealant. Performed run-up, leak check. All checks are satisfactory. Inspected cylinder #4 exhaust valve for source of coking, and play at rocker arm. Removed exhaust valve spring, found excessive play in exhaust valve guide. Removed left side engine baffling, wiring, exhaust, hoses, and tubes as necessary to remove #4 cylinder. Installed customer supplied overhauled cylinder with supplied

YEAR	RECORDING	TODAY'S	TOTAL
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wo: PS22127

Description of Inspections, Tests, Repairs and Alterations

Engine - page 2 of 2



Plane Safe Aircraft Maintenance, Inc. • 503 West Bluemound Rd • Waukesha, WI 53188 • 262-547-1800

gaskets and torqued as required. Installed new, P/N's: 630393(pushrod), 658106(lifter), 639648(rocker arm), and 656703(rocker arm shaft) on exhaust side, and P/N: 630393(pushrod) on intake side. Re-installed all removed components, and secured hoses and wiring. Performed run-up, operational and leak check. all checks are satisfactory.

13. C/W AD 2022-04-04. N/A by not installed. No further action required.
14. All AD's Checked current thru 2022-10.

I certify that this engine has been inspected IAW an Annual Inspection, is found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS22127.

Samuel Cryer Airframe & Powerplant A&P95526492

ENGINE LOG ENTRY FOR N38636**DATE: 07-01-2022 TACH: 3,085.5**

Drain oil and service with 7 quarts of Aeroshell 15W50. Take oil sample for Blackstone Labs. Remove oil filter and inspect for metal, none noted. Install new oil filter P/N AA48108-2.

Signed:

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

ENGINE LOG ENTRY FOR N38636 (ANNUAL)**DATE: 06-08-2023 TACH: 3,143.3 TTSN: 3,587.0 SMOH: 484.6**

Annual inspection of engine completed this date. Compressions as follows #1 69 #2 53 #3 63 #4 64 #5 67 #6 69. drain oil and take sample, service with 7 quarts of Phillips 20w50. Install new Champion 48108-1 filter. Inspection of removed filter satisfactory. Install 12 new Champion RHM38E spark plugs. Clean fuel injector nozzles IAW Gami instructions. Lubricate engine controls. Ground run for ops check satisfactory.

I certify this ENGINE has been inspected IAW an ANNUAL Inspection as per FAR PART 43 APP D and was determined to be in Airworthy condition.

Signed:

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

ENGINE LOG ENTRY FOR N38636**DATE: 09-12-2023 TACH: 3,179.0**

Drain oil and service with 7 quarts of Phillips 20W50. Take oil sample for Blackstone Labs. Remove oil filter and inspect for metal, none noted. Install new oil filter P/N AA48108-2.

Signed:

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

ENGINE LOG ENTRY FOR N38636**DATE: 04/25/24 TACH: 3,232.5**

Drain oil and take sample, service with 7 quarts of Phillips 20w50. Install new Champion 48108-1 filter. Inspection of removed oil filter satisfactory. Clean, gap and test bottom spark plugs. Run up for ops check satisfactory.

Signed:

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

YEAR	REC	TAC	Model: Piper Aircraft Model: PA-28R-201T (Arrow III) Registration No: N38636 Airframe S/N: 28R-7703253 Engine Make & Model: TCM TSIO-360-FB (1) Engine S/N: 281097-R Work Order No: 548181
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AFTT / Tach Time: 3,234.5
Hobbs: 3,454.7
Engine TSMOH: 454.7

d Alterations
ate Number of
pecific entries.)

AIRFRAME LOGBOOK ENTRY

Discrepancy: PILOT REPORTS LOW/ERRATIC OIL PRESSURE ON BOTH ANALOG AND DIGITAL GAUGES. CREW O2 LOW AT 850 PSI, NEEDS SERVICE.

Corrective Action: PERFORMED GVI OF ENGINE COMPARTMENT, AND ADJACENT AREAS. FOUND OIL PRESSURE RELIEF VALVE SLIGHTLY OPEN. REMOVED, CLEANED DEBRIS AND INSPECTED OIL PRESSURE RELIEF VALVE. NO DAMAGE NOTED. RE-INSTALLED OIL PRESSURE RELIEF VALVE. OPS CHECK GOOD. SERVICE CREW O2 SYSTEM WITH AVIATOR'S BREATHING OXYGEN TO 1,850 PSI(g), NO LEAKS NOTED. ALL WORK PERFORMED IAW PIPER AIRCRAFT PA-28R-201-SER SERVICE MANUAL (SM) TCM TSIO-360-SER OVERHAUL MANUAL. PERFORMED ENGINE GROUND RUN-UP. ALL ENGINE PARAMETERS FOUND TO BE NORMAL, NO LEAKS, ABNORMAL PERFORMANCE, OR OTHER DEFECTS NOTED AT THIS TIME. A/C OK TO CONTINUE SERVICE.

PERFORMED IN SERVICE POSITION: THE WORK PERFORMED ABOVE WAS COMPLETED WITH UNDER THE REQUIREMENTS OF FAR 14 CFR 91.408 AND THE INSTRUCTIONS CONTAINED IN THE MANUFACTURER'S PROGRAM. THE AIRCRAFT, ENGINE OR ARTICLE WAS FOUND TO BE IN **SAFE** CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE.

DATE OF COMPLETION: 05/14/2024

SIGNED: 

Miguel Angel del Rosario Ramirez
FAA A&P 3943526 IA

WORK ORDER: 548181
Printed In: Grand Rapids, MI

PISTON FLY AVIATION | AIRCRAFT MAINTENANCE - SALES - MANAGEMENT | Now Available On ForeFlight
KGRR Grand Rapids International Airport | P: 1 (616) 422 PFLY (7359) | maintenance@pistonfly.com | For Service: www.pistonfly.com/service

AIRCRAFT LOG ENTRY FOR N38636

DATE: 07/03/24

Replace baffle seal for both side baffles. Seals fabricated from new seal material the same dimensions as original.

Signed: 

AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

YEAR 20 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.)
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ENGINE LOG ENTRY FOR N38636 (ANNUAL)

DATE: 08/16/24 TACH: 3,278.1 TTSN: 3,712.8SMOH: 619.4

Annual inspection of engine completed this date. Compressions as follows #1 64/80 #2 20/80 #3 60/80 #4 65/80 #5 60/80 #6 67/80. Drain oil and take sample (Blackstone), service with 7 quarts of Phillips 20w50. Install new Champion 48108-I filter. Inspection of removed filter satisfactory. Clean, gap and test spark plugs, install 6 serviceable spark plugs P/N URHM38S, supplied by owner. Remove #2 cylinder and install reconditioned cylinder (Ref 8130-3 by CRS# AV2R704K, W/O# 115212) and piston supplied by owner. Cylinder installed with new ring set P/N 3610-SC P005, supplied with recondition cylinder by CRS# AV2R704K and new base nuts P/N 652422 and 652421. Remove exhaust system, disassemble, clean slip joints and reinstall exhaust with 12 new gaskets P/N RA630365. Replace intake coupling at turbo with new coupling P/N 654439-15. Remove LH magneto, verify/set internal timing, reinstall and time to engine. Lubricate engine controls. Ground run for ops check satisfactory.

AD 23-09-09 Turbo charger V-band Coupling: C/W by inspection IAW section (i) para (2) and section (k) paras (1-7). Next due 6 Months or 100 hours.

I certify this ENGINE has been inspected IAW FAR PART 43 APP D and was determined to be in Airworthy condition.

Signed: 
AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

ASE CERTIFICATE

3 Form Tracking Number:

HINNESS APPROVAL TAG

P143970

9SW)

Quantity: 10 Serial Number: 11 Status: Work

250 EA N/A NEW

ENT"

Alterations
 (Number of specific entries.)



YEAR
20
DATE

RECO
TACH
TIME

Date: 6/18/2024; Aircraft: N38636; Type: PA28R-201T; S/N: 28R-7703253; Tach: 3256.9; Total Time: 3700.6; Engine - Type: TSO-360-FB, S/N: 281097-R

***Engine

Completed 300 hr fuel nozzle cleaning and re-installed fuel nozzles. Replaced upper deck pressure reference manifold o-rings (12ea) p/n 630979-9 and washer (6ea) p/n 640612 with new (DTB). Set up the fuel flow test box. Completed operational check of the fuel flows in accordance with TCM Standard Practice Maintenance Manual. Ground run for operational and leak check normal (tw).

All work performed in accordance with approved/current technical data.

Timothy Woods
AP3645554 1A

ENGINE LOG ENTRY FOR N38636

DATE: 01/09/25 TACH: 3.322.1

Drain oil and take sample (Blackstone), service with 7 quarts of Phillips 20w50. Install new Champion 48108-1 filter. Inspection of removed filter satisfactory. Replace both V-band clamps for exhaust system with new clamps P/N 2177-300, ref 8130-3 by PQ0399SW, under W/O# P143970.

AD 23-09-09 Turbo charger V-band Coupling: C/W by installation of new clamps IAW section (i) para (ii). Next action due due 3822.1 Tach.

Signed:
AP31232761A

Johnson Bros. Flying Service E2525 Co Hwy JJ, Spring Green, WI 53588 Tri-County Regional Airport (LNR) (608)341-8030

YEAR 20 DATE	YEAR 20 DATE
5. Work Order / Contract / Invoice Number: P143970	
14 CFR 43.9 Return to service <input type="checkbox"/> Other regulation specified in Block 12 <small>Certifies that unless otherwise specified in block 12, the work described in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</small>	
14b. Authorized Signature:	
14d. Name (Typed or Printed): <i>Timothy Woods</i>	14e. Date (dd/mm/yyyy): 09/05/2025
14f. Approval / Certificate No.: NSN:0052-00-012-99005	
14g. Responsibilities: Use authority to install the aircraft engine propeller article(s) authority different than the airworthiness authority of the country specified in Block 1. (s) propeller(s) article(s) from the airworthiness authority of the country specified in	
14h. Remarks: Maintenance records must contain an installation certification issued in accordance with the part.	