

PAINT TYPE: DUPONT IMRON 6000
WHITE - LG744
GREEN - L0851
PEARL FAUN MET. - L0548



AIRFRAME MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N199PA

Aircraft Mfg. PIPER Model PA 28-181 Serial No. 2843218
ARCHER III

Engine Mfg. LYCOMING Model O-360-A4M Serial No. L-36480-36A
Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. SENSENICH Model 76EM 8#14-D-62 Serial No. _____
Hub Design No. _____ Hub Serial No. 32727 K
Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

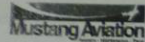
(All applicable information must be filled in)



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Photo 1 – Airframe log



4316 Hanger Drive Lexington, KY 40510 859-255-1902

Date: 10-04-16
Reg. No. N199PA
Hobbs: 1492.7

Airframe Log Book

Aircraft: Piper PA-28-181
Tach: 1511.58

Shop Order: M-16-6077
Serial No. 2843218

1. Removed condenser and sent to Pacific Oil Cooler Services, Inc for overhaul (work order # 116105)
Re-installed repaired pin 84267-002, new o-rings MS28775-011 (X2) and MS29513-013, charged system, leak check OK, ops check good.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 10/4/16 Signed: [Redacted]

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY)
207 Danley Drive
Fort Myers, Florida 33907
239-936-3666

www.switlikaviation.com



Date	Tach	A/CTT					
11/14/2016	1519.0	---	1519.0	---	---	---	---

Inspected complete Aircraft. Checked all controls, cables and pulleys. Cleaned all fuel strainers. Serviced aircraft battery. Inspected ELT per FAR 91.207(d) battery expires May 2017. Replaced fuel cap gaskets. Repacked wheel bearings & inspected brakes. Resealed L&R brake master cylinders. Lubed Gear. Cleaned induction filter & replaced instrument filters. Replaced all rod ends on Aileron push pull rods. EDM 700 rebuilt by J.P. Instruments, Inc. Replaced A/C Compressor with rebuilt York A/C Compressor P/N EF210R-25212 S/N A5565572 from Pifer's Automotive. Replaced Alternator with overhauled unit P/N ALU-8532LSR S/N H-N021099 from Quality Aircraft Accessories Inc. Replaced Alternator belt P/N 73965-020 & Air Conditioner belt P/N 73965-019. Serviced A/C system with Zips of R134a freon. Checked AD compliance thru BW 2016-22. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

Frank Kurts [Redacted] 11/14/2016

1/20/17	Tach	1611.8	Replaced upper door latch cam.
2-10-17	TACH:	1649.8	checked All lights, Lubed Airframe. Replaced LH Main tire, Inspected Airframe and Brakes. Serviced Tires & Brakes, Checked AD Compliance Thru BW 2017-03. I Certify this Airframe air

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			was Inspected IAW 100hr Inspection and found to be in Airworthy Condition.
4/7/2017	1754.3	1754.3	Serviced Tires & battery. Replaced brake linings Left & Right mains, checked lights, Lubed Rod Ends.
5-16-17	1817.7	1817.7	Replaced Aircraft Battery, PN 6-243 SN: 602947792, Ops check Satisfactory

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Reg. No.	Airframe s/n	Date	Engine s/n	Hobbs	T.T.	S.M.OH.	Cycles
N199PA	2843218	5/26/2017		Tach 1830	1830		

Flushed R&L wing fuel tanks. Installed new fuel cap seals. Drained carburetor fuel bowl. Inspected and cleaned fuel filter and flushed fuel lines. Ground run and operational checked. I have inspected these repairs and have found them to be in airworthy condition.

Edward Switlik

SutAir

535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234
AIRFRAME

AIRCRAFT PIPER PA28-181 SERIAL#2843218 N199PA
DATE 05/31/2017 TACH: N/A TOTAL TIME: N/A

Precautionary landing made after low power/ rough engine event.

- Fuel samples blue/clean
- Intake tube unobstructed
- Ground run satisfactory
- Conditions at cruise altitude determined to be conducive for carb ice

The pilot described a rough running engine with a gradual decrease in rpm's (unable to maintain cruise power) over the course of the event. (Until reaching 3000' then the plane started operating normally). The Pilot stated he never applied Carb heat. My evaluation is that the aircraft was at 8000' in moist/Carb ice conducive air. The engine developed Carb ice that got worst during his unprovoked lowered rpm descent, until reaching 3000' when the Carb ice melted on it's own accord. The Pilot stated to me that after the aircraft reached 3000' it started producing normal power and he made a precautionary landing at eagle neck.

Photo 2 – Airframe log

www.switkaviation.com

Edward Switlik

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Photo 3 – Airframe log

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	1353.8	1346.0		TOTALS brought forward from previous page
7/22/14	1407.8	1400.0		Changed oil + filter. Engine serviced with 7 qts of Phillips x20w50 oil + Champion CH48110-1 Filter. Old filter was cut + element inspected. Engine operational check performed + no leaks noted. Aircraft approved for return to service.
N 199PA -- ANNUAL INSPECTION - 11/1/2014 - ENGINE- LYCOMING O-360-A4M S/N - L-36480-36A SMOH 1434.5 HRS. TACH TIME 1426.7 TT 1434.5 C/W ANNUAL INSPECTION ITEMS AS PER THE PIPER & LYCOMING MAINTENANCE MANUAL CHECKLIST. ALSO, REPAIRED AND OR REPLACED THE FOLLOWING ITEMS AS A RESULT OF INSP: 1. COMPLIED WITH ALL APPLICABLE ENGINE AD'S. (SEE AD LOG IN ENGINE LOGBOOK) 2. REMOVED/CLEANED REGAPPED AND INSP ALL SPARK PLUGS 3. COMPRESSION CHECK IS AS FOLLOWS: #1 78/80 #2 78/80 #3 75/80 #4 76/80 4. CHECKED MAGNETOS TO ENGINE TIMING. CHECKS GOOD. 5. INSPECTED, DRESSED BACKSIDE OF PROP. 6. INSPECTED AND CLEANED AIR FILTER ELEMENT. 7. DRAINED OIL. REMOVED, OPENED AND EXAMINED OIL FILTER FOR METAL. NONE FOUND. RESERVICED ENG. WITH 7 QTS A/S PLUS W100. INSTALLED CH48110-2 FILTER. OIL SAMPLE TAKEN. 8. REPLACED LEFT SIDE ENGINE BAFFLE. 9. PERFORMED ENGINE RUN AND LEAK CHECK. LEAK CHECK GOOD. I CERTIFY THAT THE ABOVE ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION				
7/26/15	1486.8	1479.0		Changed oil + filter. Engine serviced with 7 qts of Phillips x20w50 oil + Tempert CH48110-2 filter. Old filter was cut + element inspected. No metal found. Engine operational check performed + no leaks noted. Aft approved for return to service.
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
				TOTALS brought forward from previous page								
11-17-15	1501.8	1493.0		CLW annual inspection requirements								
1	70/80	1493.0		IALW Lycoming and Piper manuals								
2	72/80			Cleaned and sapped spark plugs.								
3	74/80			Checked magneto timing at 25° BTDC								
4	74/80			Compression check -OK.								
Switlik Aviation Maintenance, Inc. Page Field Airport (PMY) 207 Danley Drive Fort Myers, Florida 33907 239-936-3666 www.switlikaviation.com  <table border="1"> <thead> <tr> <th>Date</th> <th>Tach</th> <th>A/CTT</th> <th>EngTT</th> </tr> </thead> <tbody> <tr> <td>11/4/2016</td> <td>1519.0</td> <td>1519.0</td> <td>1519.0</td> </tr> </tbody> </table> Changed oil & filter. Added 8qts Aeroshell W100 & Camguard. C/W 500 hr inspection on mags. Checked timing & ignition harness. Replaced spark plugs Champion REM 36E. Inspected Exhaust system. Cleaned induction air filter. Compression on cylinders #1 78/80 #2 78/80 #3 78/80 #4 78/80. Checked AD compliance thru BW 2016-22. I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.					Date	Tach	A/CTT	EngTT	11/4/2016	1519.0	1519.0	1519.0
Date	Tach	A/CTT	EngTT									
11/4/2016	1519.0	1519.0	1519.0									
12-30-16	1575.90			changed oil + Filter. Added 7qts Aeroshell 100 and 12oz Camguard. Engine Run Up Satisfactory.								
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Photo 4 – Engine log

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TOTALS brought forward from previous page				
2-10-17		1649.8		Compressions: #1 $\frac{28}{80}$ #2 $\frac{28}{80}$ #3 $\frac{28}{80}$ #4 $\frac{28}{80}$ #5 $\frac{28}{80}$ #6 $\frac{28}{80}$, changed Oil + Filter. Added 7qts Aeroshell 100 and 12oz Camguard Additive. cleaned, Gapped, Rotated Sparkplugs. Inspected Exhaust System for cracked pipes or muffler. Tightened Rocker Cover Screws. Checked AD Compliance Thru BW 2017-03. I Certify This Engine was Inspected IAW 100hr Inspection and found to be in Airworthy Condition. [Redacted Signature]
3/16/17	TACH: 1712.0			FAA - PMA This tag certifies that Sky-Tec Model No. <u>148-NL</u> Serial No. <u>FN-3816106</u> was manufactured new on <u>22 Sep 2016</u> by Sky-Tec under the authority of FAA-PMA No. PQ0852SW Supplement No. <u>7</u> in accordance with Sky-Tec's FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be airworthy. For installation eligibility see: www.skytecar.com/eligibility.htm Installed on N <u>M9FA</u> by <u>[Redacted]</u> (Aircraft) Form CCI08-1
	HOURS: 1697.5			
3/16/17	TACH 1712.1			changed oil + Filter. Added 7qts. Aeroshell 100plus. + 12oz camguard Ground Run. NO Leaks found. [Redacted Signature]
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TOTALS brought forward from previous page				
4/7/2017	1754.3	1754.3		Changed oil + Filter. Added 7qts Aeroshell 100 + Camguard. cleaned, gapped + rotated Spark plugs. checked mag timing + ignition harness. Inspected Exhaust system. Compression on cyls #1 $\frac{28}{80}$ #2 $\frac{28}{80}$ #3 $\frac{28}{80}$ #4 $\frac{28}{80}$. Engine has been I certify that this <u>100HR</u> inspected in accordance with <u>100HR</u> inspection and was found to be airworthy condition. <u>[Redacted Signature]</u> Frank A. Kurtz Swift-K Aviation Maintenance, INC.
5-4-17	1796.69			changed Oil + Filter. Added 7qts Aeroshell 100 + 12oz Camguard. Engine Run Up Satisfactory. [Redacted Signature]
6-20-17	1847.1			Compressions: #1 $\frac{28}{80}$ #2 $\frac{28}{80}$ #3 $\frac{28}{80}$ #4 $\frac{28}{80}$ changed Oil + Filter. Added 7qts Aeroshell 100 and 12oz Camguard. Inspected Exhaust system. Cleaned Gapped Rotated Sparkplugs. checked mag to Engine timing. checked AD Compliance Thru BW 2017-11. I Certify This Engine was Inspected IAW 100hr and found to be in Airworthy Condition. [Redacted Signature]
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TOTALS—Carry forward to next page				

Photo 5 – Engine log