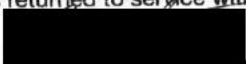


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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12 Jan 2022		N9026P	Tach 5718.8	TSMO unknown
Customer complained of inability to start aircraft. Confirmed condition and troubleshoot issue using Piper PA-24 MM and Surefly technical support. Confirmed faulty Surefly ignition SIM. Removed faulty existing Sim6L SN. 6L-1020002. Installed supplied replacement Sim6L unit SN. 6L-2520028 as per the Surefly installation instructions connecting it to the existing wiring, harness and MP line. Test run aircraft on ground. Ops check good. No leaks noted. Aircraft is returned to service with regard to work done above. -end-----  Zachary J Grant A&P 				
N9026P Piper PA24-260 S/N: 24-4488 ACFT TT: 5,768.2 TACH: 5,768.2 3AUG22 Lycoming IO-540-D4A5 S/N: RL-5869-48E TACH: 5,768.2 TSMOH: 776.2 ENGINE  Aircraft inspected IAW CFR14 part 43 appx "d" for annual inspection using inspection checklist from Piper PA24 service manual. - Checked hot compression as follows. #1-74, #2-80, #3-77, #4-77, #5-76, #6-80. - Drained oil, collect sample and remove oil filter. Cut oil filter, no metal found in filter. Installed new Tempest oil filter PN: AA48110-2 and service engine with 10Qts. Aeroshell 15w50. - Cleaned, inspected, gap, and reinstall sparkplugs. Cleaned, inspected and reinstalled injectors. - Airworthiness directives checked through issue 2022-15. See AD summaries dated 7/27/22 and 8/1/21 for full AD compliance. I certify that this Engine S/N: RL-5869-48E has been inspected in accordance with the provisions of CFR14 part 43 appx "d" for compliance with an annual inspection and found to be in an airworthy condition and approved for return to service. AirCraftsmen of GA LLC. WO# 71522  AirCraftsmen WO# 71522 Bobby Swink  A&P/IA				
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

DATE	TOTAL TIME IN SERVICE			
		Registration #:	N9026P	Date: October 2, 2020
		Tach Time:	5632.33	Hobbs: NA TTAF: 5632.33
		ENGINE		
		Drained oil, retained sample of oil, and removed filter. Cut open old filter for inspection; no discrepancies noted. Installed new AA48110-2 oil filter. Serviced engine with 10qts of Aeroshell 15W50 oil. Performed ground run. Leak & ops check OK. Sent oil sample for Blackstone analysis.		

		*****END*****		
		Signature [Redacted] David Asman (Owner) Commercial [Redacted]		

JUL 21 2021

679.0	679.0
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5668,0

21 july 2021

N9026P..., Tach reads: 5668.0..., ACFT TT: 5668.0 Hrs

Engine Log: LYC IO-540-D4A5..., sn# RL-5869-48E..., Eng TSREMAN; 679.0

1. Engine compression check, hot differential.
#1=80/76, #2=80/76, #3=80/80, #4=80/78, #5=80/76, #6=80/76
NO valve leakage.
2. Magneto timing check..25 Deg BTDC , ck OK , no shift.(surefly and slick)
3. Removed, cleaned, gapped, tested and rotated spark plugs.
4. Removed fuel inj nozzles, MEK soaked 10 hrs then U/S cleaned, inspected, re-installed and torqued
5. Drained and changed engine oil and filter, cut open old filter and metal particle inspected OK (none), took and sent sample.
6. serviced engine with 10 qts aeroshell 15W-50 oil and new CH48110-1 filter.
7. installed new primary engine instruments monitor (JPI, EDM-930), with fuel flow and fuel quantity STC's.. see 337 dated 21 Jul '21 (N9026P) for details
8. Installed 6 ea NEW EGT probes JPI pn# M-111 as follows: (serial # s)
#1, 288223, #2, 290281, #3, 290163, #4, 290146, #5, 290276,
#6, 290162.
9. Installed 6 ea NEW CHT probes JPI pn# 5050 as follows: (serial # s)
#1, 116164, #2, 116173, #3, 116193, #4, 116190, #5, 128847,
#6, 116030.
10. Installed following NEW JPI probes and senders;
(a) manifold press xmtr, JPI pn# 159934A, sn# 401071
(b) oil temp probe JPI pn# 400509, sn# 11055
(c) fuel press xmtr, JPI pn# 159935A, sn# 100563
(d) fuel flow xmtr (flo scan) pn# 700900-1, sn#225676
(e) RPM sensor (slick mag) JPI pn# 420815-1, sn# 105560
(f) Ammeter shunt JPI pn# 159920, sn# 08997
(g) oil pressure xmtr, JPI pn# 159936A, sn# 701088
11. Installed new TSO C53 type D firesleeved hoses where necessary in engine compartment to facilitate installations..

JUL 21 2021

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EL2-6 N9026P

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
601.37	601.37	5593.48		TOTALS brought forward from previous page
1 2020				JUN 11 2020 N9026P...PA24-260...Sn# 24-4488... acft Tach reads: 5593.48 hrs - Acft modified I/A/W the provisions of STC# SE04378CH, SureFly partners Ltd. (Feb 15, 2019), as authorized by AML (same date) page 13, item 80. - Removed L/H slick magneto PN#6393, sn# 14030791 (L/H rot, 37 deg lag, Rev "E"), and installed "SureFly" pn# SIM6L, sn# 6L-1020002 (New) . Installed per SureFly Doc# SF2001, rev IR (dtd 10/19/2018) "airframe installation instructions" Note: installed engine timing value (mags) is 25 deg BTDC, installation conforms to option for "variable" timing mode.. L/H rotation, Dip switch settings are 1=off, 2=off, 3=on, 4=off.. LED code is: " _ _ _ _ _" - power wired per "normal installation" +14V power connected directly to battery + terminal.. 10a in line fuse, located just forward of oil spin on oil filter element. "MAP" absolute pressure connected to SIM6L @ man press port, "T" connection provided in man press line aft of baffling on # 6 cyl. - See 337 (N9026P)(airframe) dated 11 Jun 2020, for additional details. - disconnected and capped wires to/from ignition vibrator at L/H magneto position (shower of sparks/ retard wire) removed wires from back of gnition switch to vibrator. - Note: for airframe use "Instructions for continued airworthiness:, surefly doc # SF2005, Rev "A", dtd 8/27/19 (or later rev) - Performed ground tests and TO pwr verification.. Engine tested per CFR-14 part 43 (C)(2)(i)(ii)(iii)(iv) and approver for return to service. Lycoming Engine model# IO-540-D4A5, sn# RL-5869-48E.. N9026P tach reads: 5593.48 <i>TS REMAN: 601.37 hrs</i> - For Lycomong Engine (IO-540-D4A5, sn# RL-5869-48E) see STC# SE04349CH, (SureFly partners Ltd) DTD 31 Oct, 2018 and "AML"(same date), page 6, item 29. - Installed pn# SIM6L, sn# 6L-1020002 , per SureFly Doc# SF1004, Rev "C" (dtd 3/20/20), in L/H Mag position.. see "Instructions for continued airworthiness" surefly doc # SF1005, Rev "A" (or later) dated 3/20/2020. - See 337 (engine, IO-540-D4A5, sn# RL 5869-48E) dated June 11 2020. - Removed R/H magneto, slick pn#6350, sn# 14030138, L/H rot, 0 deg lag, Rev "E" - Installed TSN: unk, TSO: 0.0 ,R/H magneto pn#6350 (kelly aerospace) sn# 93110017/I-02673, L/H rot, 0 deg lag, Rev"G" timed to 25 deg BTDC (+-.5)

ftsman of Ga

AirCraftsmen
WO# 61020
Bobby Swink
A&P/IA

1 2020	601.37	601.37	5593.48	SUB-TOTALS this page
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