

MENA AIRCRAFT ENGINES, INC.

FAA Certified Repair Station #\$90R340N 103 Aviation Lane Mena, Arkansas 71953 (479) 394-7688 Fax (918) 272-6501

# MENA AIRCRAFT ENGINES, INC. -- FAA CRS#S9QR340N

Date: December 11, 2012 Engine Total Time: 1633.70 hrs Time Since Major Overhaul: 00.00 Engine Data: Teledyne-Continental engine model TSIO-520-P Serial Number: 278725-R Aircraft Data: Cessna Aircraft Model P210L Serial Number: P21000174 Registration #174SF 1978

**WORK PERFORMED:** inspected and major overhauled in accordance with Teledyne-Continental overhaul manual #X30575A and Teledyne-Continental parts catalog #X30579A.

### **COMPONENTS**

<u>crankshaft/counterweight assembly(TCM s/n H249516N):</u> magnafluxed, inspected, rods STD, ground mains M010 and re-nitrided, polished journals, cadmium plated and baked flange, rebushed damper blades, rebushed counterweights and installed with new pins, plates, and snap rings, ultra-sonic inspected i/a/w TCM mandatory service bulletin #MSB96-10A, crank complies with AD#97-26-17 as VAR, dynamically balanced per procedure #989-002, and certified by Aircraft Specialties of Tulsa,OK w/o 214512 FAA CRS#DD2R764K.,

connecting rods(6): magnafluxed, inspected, resized, rebushed, balanced, and certified by Aircraft Specialties of Tulsa, OK w/o 214512 FAA CRS#DD2R764K.

internal steel(34): cleaned, magnafluxed, inspected, and certified by Aircraft Specialties of Tulsa, OK w/o 214512 FAA CRS#DD2R764K.

camshaft: p/n 535661 – reconditioned and repaired i/a/w FAA approved data and procedures, and certified by Aircraft Specialties of Tulsa, OK w/o 215589 FAA CRS#DD2R764K.

hydraulic valve lifters(12): part numbers 6 each SA628488 and SA646277 – inspected, repaired i/a/w procedure #2002-01, flow matched, and certified by Aircraft Specialties of Tulsa, OK w/o 214512 FAA CRS#DD2R764K.

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#### **COMPONENTS CONTINUED**

- <u>crankcase:</u> casting #6490431, match #L139416R cleaned, zygloed, inspected, repaired, surfaced, thru-bolt dowels installed, align-bored, stress relieved, and certified by DivCo of Tulsa, OK w/o WDC#108002 FAA CRS#DB2R762K.
- cylinders(6): replaced with new SAP Millennium steel cylinder assemblies p/n SA52006-A22P purchased from J & J Air Parts of Pleasanton, TX invoice #105601 dated Oct 12, 2012. serial numbers as follows: 526-H12-10715, 10718, 10717, 10719, 10716, and 10714.
- <u>valve rocker arms(12):</u> magnafluxed, inspected, refaced, rebushed, and certified by Aircraft Specialties of Tulsa, OK w/o 214512 FAA CRS#DD2R764K.
- assembling hardware: bright cadmium plated i/a/w UPW SP-01 Rev B class3 type II, actual thickness .00025-.00035, hydrogen embrittlement relieve baked @375 +/- 25 degrees F for 3 hours min/no max, i/a/w UPW SP-17 Rev G & UPW SP-01 Rev B, time in: 8/3/10 1200, time out: 8/3/10 1600, and certified by United Plating Works of Tulsa, OK w/o 441341 FAA CRS#FA2R813K.

#### **ACCESSORIES**

- magneto(LH): p/n 10-349350-4, s/n I089520F, mfg. TCM -inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1960A FAA CRS#S9QR340N.
- magneto(RH): p/n 10-349350-5, s/n H299506F, mfg. TCM --inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1960B FAA CRS#S9QR340N.
- starter: p/n 646275-1, s/n A08289507, mfg. TCM inspected, overhauled, tested, and certified by Aerotech of Louisville, KY w/o 106319 FAA CRS#PU4R453M.
- alternator: p/n E3FF10300AA, s/n 1209764, mfg. Ford inspected, overhauled, tested, and certified by Aerotech of Louisville, KY w/o 106320 FAA CRS#PU4R453M.

#### **ACCESSORIES CONTINUED**

- <u>fuel injection system:</u> p/n 649054A16-R, mfg. TCM fuel pump p/n 646768-1, s/n H259514BR; flow divider p/n 634326-4A22, s/n H259512CR; control valve p/n 629703-11, s/n H259524AR—inspected, overhauled, bench tested, and certified by Mike's A/C Fuel Metering Service of Tulsa, OK w/o 25185 FAA CRS#HK2R875K.
- starter adapter assembly: p/n 643259A18R, s/n, mfg. TCM inspected, overhauled, and certified by Aircraft Specialties of Tulsa, OK w/o 214512 FAA CRS#DC2R763K.
- oil cooler: p/n 20444A, s/n E96-1989-904, mfg. TCM inspected, overhauled, tested, and certified by American Cooler Service of Arlington, TX w/o 48256 FAA CRS#OC8R986J.

## ACCESSORIES SUPPLIED, NOT INSTALLED

- **propeller governor**: replaced with new PCU5000 governor, p/n AT210937, serial number 12303692, purchased from South Coast Propeller Governor of Bessemer, AL invoice #SS-3541 11/8/2012.
- turbocharger: p/n 465680-9004, s/n VD-L0101 inspected, overhauled, and certified by Main Turbo of Visalia, CA w/o 44943 FAA CRS#MAMR190K.
- controller: p/n 470688-8, s/n HH0258- inspected, overhauled, tested, and certified by Main Turbo of Visalia, CA w/o 44950 FAA CRS#MAMR190K.
- waste gate: p/n 470908-12, s/n JEO612, inspected, overhauled, tested, and certified by Main Turbo of Visalia, CA w/o 44951 FAA CRS#MAMR190K.
- pressure relief valve: p/n 470944-3, s/n HIO157 inspected, overhauled, tested, and certified by Main Turbo of Visalia, CA w/o 44949 FAA CRS#MAMR190K.

NEW

#### **NEW PARTS INSTALLED**

Major overhaul gasket and seal set, crankshaft oil seal p/n 641250, crankshaft damper bushings, counterweight bushings, counterweight pins, plates, and snap rings, connecting rod bushings, connecting rod nuts, connecting rod bearings STD, main bearing set/thrust washers M010, crankshaft attaching screws, camshaft gear attaching screws, cam gear woodruff key, crankcase thru-bolt dowels and o rings, starter adapter pilot needle bearing, piston pins, Superior steel cylinder assemblies with valves, springs, retainers, keepers, roto-coils, valve rocker shafts, rocker shaft bolts and washers, pistons, and piston rings, valve rocker arm bushings, silicone valve cover gaskets, Real Gasket push rod seal kit, 12-point cylinder base nuts, spark plugs p/n RHB32E, ignition harness, fuel pump drive coupling p/ 631683, magneto drive cushions, oil pressure kit, oil pressure relief valve plunger, nose seal retaining plates, induction tube hoses and clamps, internal crankcase nuts, dipstick housing hose and clamps, crankcase thrubolts, magneto attaching nuts, oil filter p/n CH48108-1, upper deck tube seals, fuel nozzle rubber and steel washers, oil filter cap assembly, oil temperature vernatherm valve, alternator drive belt, throttle support bushings. supplied exhaust nuts and gaskets.

Engine Test Run and Sign-Off: this engine overhauled and test run in accordance with current and applicable FAA data and procedures and is approved for return to service. pertinent details of the overhaul are on file at this repair station #S9QR340N under work order #12H1960 by Mena Aircraft Engines, Inc. of Mena, AR foliate half #2549814 December 11, 2012

Description of Inspections, Tests, Repairs and Alterations RECORDING TODAY'S TOTAL YEAR TACH FLIGHT TIME IN Entries must be endorsed with Name, Rating and Certificate Number of 20 TIME SERVICE Technician or Repair Facility. (See back pages for other specific entries.) DATE N174SF SN:P21000174 TACH:4130.3 TSMOH:0.0 12/03/2012 INSTALLED ENGINE SN: SN: 278725-R IN AIRCRAFT N174SF SN: P21000174 FOLLOWING OVERHAUL BY MENA AIRCRAFT ENGINES CRS#S9QR340N W.O. 12H-1960. RE-INSTALLED PROPELLER D3A34C402 SN: 785606 AFTER OVERHAUL BY FOSTERS PROPELLER SERVICE 8130-3 NUMBER 7349. SERVICED ENGINE WITH AEROSHELL 100 MINERAL OIL. ENGINE INSTALLED WITH NEW ATTACH HARDWARE AND NEW LORD MOUNTS. INSTALLED ENGINE HOSE KIT PN: CE P210-1 FROM PRECISION HOSE TECHNOLOGY, INC W.O. 580678. INSTALLED OVERHAULED TURBO PN: 465680-9004 SN: VD-L0101, CONTROLLER PN: 470688-8 SN: HH0258, WASTE GATE PN: 470908-12 SN: JE0612 AND PRV PN: 470944-3 SN: HI0157. INSTALLED NEW PROP GOVERNOR PN: AT210937 SN: 12303692 AND VACUUM PUMP PN: RAP442CW-8. INSTALLED NEW DE-ICE BRUSHES. REPLACED ALL ENGINE BAFFLE SEAL WITH NEW. RIGGED FUEL SYSTEM IN ACCORDANCE WITH SID97-3E. ALL WORK PERFORMED IN ACCORDANCE WITH CESSNA P210 AMM AND TELEDYNE CONTINTAL TSIO-520 OVERHAUL MANUAL. PERFORMED GROUND RUN. ALL SYSTEMS OPERATED NORMALLY. NO EVIDENCE OF LEAKS. John Gearhart A&P3138384

YEAR

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YEAR 20 Date		RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endors	pections, Tests, Reposed with Name, Rating and acility. (See back pages for	airs and Alterations, d Certificate Number of or other specific entries.)
	Т	welve Stone	Aviation	802 A	irport Ave. Hanger 5	Springdale, AR 72764	479-799-8065
-	N1′	74SF	•	ГАСН: 4130.	3 TSM	4OH: 0.0	12/12/2012
	OII CH EV BE BE TO	PERFORM ECKED GOO IDENCE OF	MED COM OD. GRO LEAKS. FED IN A RTHY CO	PRESSION O UND RUNS I NO DISCREI CCORDANC	CHECK, ALL CYLINDI PERFORMED. ALL SY PANCIES NOTED. I CE	ENGINE WITH AEROS ERS 76/80 OR ABOVE. I STEMS OPERATED NO ERTIFY THAT THIS ENG INSPECTION AND WA	MAGNETO TIMING PRMALLY. NO GINE / PROP HAVE

Description of Inspections, Tests, Repairs and Alterations TODAY'S TOTAL RECORDING YEAR Entries must be endorsed with Name, Rating and Certificate Number of FLIGHT TIME IN TACH 20 Technician or Repair Facility. (See back pages for other specific entries.) SERVICE TIME DATE DATE: 04/19/2013 **TSOH: 17.2** TACH: 4147.5 N174SF COMPLIED WITH MENA AIRCRAFT ENGINES, INC SERVICE INSTRUCTION #1 IAW FORM NO: M10. CHANGED OIL AND FILTER. EXAMINED OLD FILTER FOR CONTAMINATION AND FOUND NONE. INSTALLED NEW CH48108-1 OIL FILTER AND SERVICED ENGINE WITH AEROSHELL 100 OIL. PERFORMED GROUND RUN. ENGINE OPERATED NORMALLY. NO John Gearhart EVIDENCE OF LEAKS. A&P3138384 479-799-8065 802 Airport Ave. Hanger 5 Springdale, AR 72764 **Twelve Stone Aviation** DATE: 07/11/2013 HOBBS: 4156.0 **N174SF** DRAINED ENGINE OIL. REMOVED OIL FILTER. EXAMINED FOR CONTAMINATION AND FOUND NONE. INSTALLED NEW CH48108-1 FILTER. SERVICED ENGINE WITH AEROSHELL 100W PLUS OIL. GROUND RUNS PERFORMED. NO EVIDENCE OF LEAKS. John Gearhart A&P3138384

YEAR 15 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
04/10	4247.3		1750,7	TSMOH117.0 Compression checked
	YAYYA.			1-78/80, 2-74/80, 3-68/80, 4-69/90
				5-74/90, 6-79/90. May timing checked.
				Spark plugs cleaned and rotated.
			_	Oil changed, serviced with 10gt
				Aeroshell W100 Plust CH 48108-1.
				Inspectabold filter media - noabnormalities
				found. Runop and leak checked. A.D.s
				C/W to date, see separate listings. I certify that this engine has been inspected IAW
				an annual inspection and was determined to
				be in airworthy condition.
				be in airworthy condition. JAO-12 IA 2788694 A4P
4				

EAR D Ate	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed w	ions, Tests, Repairs and Alterations ith Name, Rating and Certificate Number of the See back pages for other specific entries.)
		JA 200 Holli	avilan VIATION, INC. D Skylane Dr. ster, Ca 95023 31)637-9100	H <sub>e</sub>	
Reg	. #: 174SF	Tach:	4273.1	Airframe Log	
Date	e: 10-1-15	W/O 7	#: 011		
perfo Scott	cify that this Al rmed. Rudy A&P325		airworthy wi	ith respect to the work	
perfo Scott	rmed. Rudy A&P325		airworthy wi	ith respect to the work	
perfo Scott	rmed. Rudy A&P325		airworthy wi	ith respect to the work	
perfo Scott	rmed. Rudy A&P325		airworthy wi	ith respect to the work	
perfo Scott	rmed. Rudy A&P325		airworthy wi	ith respect to the work	

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4-27-16 TACH SMOH Yeour

YEAR 20 16 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-27-16				completed Annual inspection this
TACH	4299.8			date, compression. 1,76, 2,74, 3,74,
SMOH	169.5			4,76. 5,75. 6,73 over 80. Changed
Year	52.5			oil and Filter. Besuited engine with
				8 ars AesoShell whent and ch48108-1
				Filter. Sampled oil cut 3 inspected
				Filter Media No metal Found.
				Removed, cleaned, gaped and tested
				Spork plugs, cheeked may to engine
				timing. Run up 3 opps check good.
				I certify that this Engine has been
				inspected I/A/w an Annual inspection
				and was determined to be in Airworthy
				condition. Scott Rudy I.A. 3255009.
				Hollister Set center.

Date 5/6/2016  Cessna P-210N  Ser# 21000174  Tach 43303.8  Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator  A/P 3503093
Cessna P-210N  Ser# 21000174  Tach 43303.8  Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator
Ser# 21000174  Tach 43303.8  Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator
Tach 43303.8  Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator
Tach 43303.8  Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator
Removed air pump ser# D5325 P/N RAP442CW-8 and replace with overhauled air pump ser# 164769 P/N 442cw-8 per work order 164769. Op check ok.  Minh venator
v (b 3503003
A/P 3505053
Mrz
ENO —

200 Skyl Reg. #: 17451 Date: 5-24-1 TUSTAILE VOLCUUM SN OAF Good.	lane Dr. Hol F Tach: 16 W/O: PUMP	llister, Ca 4308 #: Stom PN	er su 4A321	6cw
SNOAF	PUMP	PN	4A321	6cw
cartify that this A	VIDCDATT is at			
5				the work performed.

EAR 0	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteral Entries must be endorsed with Name, Rating and Certificate Number Technician or Renair Facility. (See back pages for other specific entries)	er of
	Hol	lister J	et Center	r	
200	Skylane Dr.	Hollister. (	Ca 95023 (8	831)637-9100	
Reg. #:	T T	ach: 4326		Engine Log	
Date: 9-16-1	6 V	V/O #:	l		
Aeroshel	ed oil change I w100 and . no metal fo	ch48108-	1 oil filter.	r. Cut & inspected Run up & leak	
check go		Julia, Juli			
	this ENGINE is	airworthy w	vith respect to	o the work performed.	
		airworthy w	ith respect to	o the work performed.	
		airworthy w	rith respect to	o the work performed.	
		airworthy w	ith respect to	o the work performed.	
		airworthy w	ith respect to	o the work performed.	
		airworthy w	ith respect to	o the work performed.	
		airworthy w	rith respect to	o the work performed.	
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		airworthy w	ith respect to	o the work performed.	
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		airworthy w	ith respect to	o the work performed.	
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		airworthy w	ith respect to	o the work performed.	
		airworthy w	with respect to	o the work performed.	
		airworthy w	with respect to	o the work performed.	

YEAR 20 DATE

Complete 4.75, 5.74 Serviced oil. Chedi Made a di up and le

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)
	Holl	ister Je	t Center	
200 S			a 95023 (831	
Reg. #: 174SF		ch: 4344.8 O #: 173		ine TT: 214.5
Date: 5-1-17	VV/	U #: 1/3	Eng	me 11: 214.5
Made a detai up and leak o	ed visual inspe heck good. Is ENGINE has y in respect to	been inspective work pe	cted IAW an AN	INUAL inspection

YEAR	RECORDING	TODAY'S	TOTAL	Description of	Inspect	tions	, Test	s, Repai	i <b>rs a</b> Certif	nd Alter	rations nber of
		lister J	et Center	Technician or Pu	Facility	y. (See	e back	pages for	other	r specific	entries.)
Reg. #: N Date: 9-1  Chang Aerosh old filt leak ch	o Skylane Dr. 1174SF 1-17  ed oil this dell w100 oil er no metal neck good.	Hollister, Fach: 4369 N/O #: ate, serv and CH found. S	viced engir 48108-1 f Sampled o	ne with 8qts ilter. Inspected il. Run up and		200 Skylane Drive - nomber, Carlo 37-9117 CO Phone: (831) 637-9100 - Fax: (831) 637-9117	6/25/19 TACH 44553 NINSF	d #3 eyluber EGT	With Net cart blade and	Ron up and aps aback good.	TD1000- AP 2932628

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.)
Engine: ( Installed TACH: 4	Continental TSIO- on: Cessna P210 395.2 hours 164.9 hours	520-P S/N S/N P210	278725-R 00174 – N174SF	Mohizier der Cevier
2. G(3. S) 4. O (0. 5. M)	ompression che park plugs: servi il change: draine :H48108-1) and fi agnetos: timed a	cks: 1: 70/80 ced sparkplu d existing oil lled engine v nd synchron	), 2: <b>72</b> /80, 3: <b>78</b> , gs and reinstalle, removed and covith 9 qts of freshized magnetos to	ne in accordance with TCDS E8CE and AC 43.13-1B/2B //80, 4: <b>74</b> /80, 5: <b>78</b> /80, 6: <b>78</b> /80.  Indicate the distribution of the content of the
Jan Well	M	1 5/18/2	2018	

# Hollister Jet Center

200 Skylane Drive - Hollister, California 95023 Phone: (831) 637-9100 • Fax: (831) 637-9117

9/12/18

TACH 4421.5

NITUSF

this date sample Oil changes taken. cut open filter, no metal with 9 gts found. Serviced Aeroshell w100 & 1 pint Comgowrd; new chilsos-1 filter leak check good. Returned to service. Bled right brake

Hollister Jet Center

spections, Tests, Repairs and Alterations

rsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)

200 Skylane Dr. Hollister, Ca 95023 (831)637-9100 **Engine Log** Tach: 4446.3 Smoh:316.0

Date: 05-09-19 Reg.N174SF

gapped and rotated spark plugs. Changed oil w/9qts noted. Cw'd AD81-23-03r2 exh insp. 88-25-04 mag sys with new Acorn Welding parts. (See EASA form insp'd w/no abnormals noted. Replaced entire exh one's.) Pressure ck'd exh installation w/no leaks Aeroshell w100 and filter w/new CH48108. Filter 1)72, 2)72, 3)75, 4)76, 5)78, 6)75. Cleaned,

I certify that this ENGINE has been inspected IAW an ANNUAL inspection and is AIRWORTHY and ok for return to service.

check.

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. ( <i>See</i> back pages for other specific entries.)							
NITUSE NITUSE NITUSE NIOU & Found I	00 Skylane Driv hone: (831) 637	e = Holliste 7-9100 = Fa PACH	ix: (831) 637-9 4474 [	117/0/7/19	Hollister Jet Center	200 Skylane Dr. Hollister, Ca 95023 (831)637-9100 Reg.N174SF Tach:4501.8 <b>Engine Log</b> Date:06-01-20 Smoh:371.5	1)72, 2)70, 3)78, 4)72, 5)78, 6)71. Cleaned, gapped and tested spark plugs ok. Pressure ck'd exh for leaks. Changed oil with 8 qts Aeroshell W100 and new CH48108 filter. Installed M-20 Air/Oil separator (see 337) STC SA02033AT.	I certify that this <b>ENGINE</b> has been inspected IAW an <b>ANNUAL</b> inspection and is <b>airworthy</b> in respect to the work performed. TBlow $A932628$			

YEAR 20 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	TEAR 20 DATE
-	Hollister Jet	Center • 2	00 Skylane [	Drive • Hollister, CA 95023 • Tel: (831) 637-9100 • Fax: (831) 637-9117	- 2
Installed of TACH: 45	ontinental TSIO-5 n: Cessna P210 - 561.8 hours 431.5 hours	20-P - S/N	278725-R		
1. Perf 2. Con 3. Spa 4. Oil Aerc 5. Mag 6. I cel	formed inspection inpression check rk plugs: service change: drained behell 100W enging pretos: verified mortify that this engination.	s: 1: <b>70</b> /80 d sparkplug existing of ne oil into e agnetos sy	, 2: <b>60</b> /80, 3: <sup>1</sup> gs and reinsta il and remove ngine. rnchronized to	ENGINE LOGBOOK gine in accordance with TCDS E8CE and AC 43.13-1B/2B 72/80, 4: 74/80, 5: 70/80, 6: 76/80. Illed on engine with new gaskets (11x M674) ed filter from engine. Installed new filter (1x CH48108-1) and added 9 qts of fresh engine at 22 degrees BTC. in accordance with a 100 hours inspection and was determined to be in an airworthy	G/1/22 Oil o old filt Surviced will a of leak
Jan Wells,	\A&P 3143386				

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Hol	<b>lister</b>	Jet Cent	ler
	Phone: (831	1) 637-9100	ollister, Califor e Fax: (831)	627_0117
6/1/22	NIT	145F	TACH	4604.0
ON old f.H Service wloo ,	changed Ter of UNITH OH48 Check	this no w	date.  vetal for filter.  this fact	Cut open ound. eroshell
	4			

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)	YEAR 20 DATE		1 1
Location: 1978 TACH: 461- SMOH: 48  1. Perform 2. Differe 3. Ignition	SIO-520-P – S/N 3 Cessna P210N 4.5 hours 4.2 hours ned inspection an ntial compression system:	278725 – T – S/N P2100 d maintenan	CDS E8CE 00174 TCDS 3A ace on engine in a ders: 1: 66/80, 2:	ENGINE LOGBOOK accordance with TCDS E8CE and AC 43.13-1B/2B. 60/80, 3: 68/80, 4: 74/80, 5: 70/80, 6: 74/80.  2S), rotated and reinstalled on engine with new gaskets (12x M674)	(831)637-9100	ENGINE LOG	
4. Fuel sy hardwa 5. I certify	agnetos: verified /stem: removed, re (6x 640612, 6x that this engine h	magnetos s cleaned and 628556, 6x nas been ins	synchronized to e d inspected inject s, 633958-3, 12x	Ingine at 22 degrees BTC.  tor nozzles – no discrepancies noted. Reinstalled same nozzles on same locations with new	Hollister Jet Center 200 Divisine Drive Hollister, CA 95023 (831)637-9100	Tach: 4663.5	SMOH: 533.2
Jan Walls, A&	P 3143386		2		200 Skylane	Z	Date: 09/01/23

Prolister Jet Center  Reg: N174SF Tach: 4683.5 ENGINE LOG  Date: 09/01/23 SMOH: 533.2  1) 68 2) 68 3) 78 4) 62 5) 75 6) 76  Oleaned, gapped, tested and rotated all spark plugs. Checked magneto to engine thring. Changed oil and cut open filter, no meat found. Sample taken. Serviced with 9 42 Accordable Willow and Challond. Sample taken. Serviced with 9 42 Accordable with the serviced with 9 Value and inspected for mag bearings DNA by SN. 23-02-12 Intake valve failure DNA by date, 23-05. 16 accordable with the service with service with the service with the service with the service with service with the service with service with the service with service	EAR D ATE	T	RECORDIN TACH TIME	G TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Reg: N174SF  Tach: 4663.5  Date: 09/01/23  SMOH: 533.2  1) 68 2) 68 3) 78 4) 62 5) 75 6) 76  Cleaned, gapped, tested and rotated all spark plugs engine timing. Changed oil and cut open filter, no more serviced with 9 qts Aeroshell w100+ and CH48109-cleaned injectors. Pressure tested exhaust to check Torqued all HW firewall forward. Solvent washed elleaks. Replaced Vac reg filters with new. Run up as satisfactory. All regular maintenance performed. Ow mag bearings DNA by SIN, 23-02-12 Intake valve fail fits crawshaft counterweight retaining rings DNA by by SIN, 24-02-12 intake valve fail for carrify that this ENGINE has been inspected IAM and is Airworthy in respect to the work performed and is Airworthy in respect to the work performed.	(831)637-9100	ENGINE LOG		Checked magneto to retal found. Sample taken. I filter. Removed and	not reaks, note noted.  Ogine and inspected for deak operations check vid AD's 22-16-03 S-1200 llure DNA by date, 23-05-date, \$\$\mathcal{Z}_{\mathcal{L}_{\mathca	an ANNUAL inspection To an any and an
Reg: N174SF  Date. 09/01/23  1) 68 2) 68 3) 78  Cleaned gapped, testecengine timing. Changed Serviced with 94s Aero cleaned injectors. Press Tonqued all HW firewall leaks. Replaced Vac reg satisfactory. All regular mag bearings DNA by S. 16 crankshaft counterwee by extensive this that this ENGINE and is Airworthy in respective to the counterwee by extensive the co	Hollister Jet Center Drive Hollister, CA 95023	SMOH: 533.2	4) 62 5) 75	I and rotated all spark plugs. Oil and cut open filter, no m shell w100+ and CH48109.	forward. Solvent washed en forward. Solvent washed en fillers with new. Run up ar maintenance performed. Ov N, 23-02-12 Intake valve fail ight retaining rings DNA by o	has been inspected IAW performed
	200 Skylane E	-	8 2) 68	Cleaned, gapped, tested engine timing. Changed engine timing. Changed Serviced with 9 qts Aero cleaned injectors. Press	Torqued all HW firewall leaks. Replaced Vac reg satisfactory. All regular mag bearings DNA by S/16 crankshaft counterwe	ocatify that this ENGINE and is Airworthy in responsible.