

 The Standard
ENGINE LOG

ASA-SF-2

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations	her of tries.)
	Log	book	412		
DATE	REG NO	N54BG	CHANDLER AVIATION INC	DATE	10/06/10
	MODEL	PA32RT	CHANDLER MUNICIPAL	WO#	47558
	S/N	7887079	CHANDLER, AZ	HOBBS	N/A
	ENG MOD	TIO-540-SIAD	(480) 732-9118	TACH	2229.6
	ENG S/N	L-2689-61A		TOTAL SMOH	533.9
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY. SIGNATURE <i>[Signature]</i> AUTH. NO. 3345693 A&P Drained engine oil & serviced with 10qts A/S W100 oil. Installed new oil filter. Cleaned, gapped, and tested all spark plugs. Install with new gaskets. Tighten oil return lines. Stop drill cracks on baffle forward of #2 cylinder. Clean oil radiator and straighten fins. Install 2 missing rivets on engine data plate. Replace hoses on fuel injector lines. Clean fuel injectors. Remove old intake filter bracket and install new paper filter bracket. P/N P106590. Next replacement due in 500 hours. Performed satisfactory compression test: #1-76/80, #2-74/80, #3-76/80, #4-76/80, #5-75/80, #6-74/80. C/W AD 2009-02-03. Prevent lean running engine. Replace servo plug gasket with P/N 2577258 and torque to 90-100 and stamp "G" on plug. C/W AD 91-21-01. Engine exhaust system. Perform exhaust pressure test and found satisfactory. C/W AD 2008-14-07. Fuel injection lines. Found satisfactory. C/W AD 2005-12-06. Magneto impulse coupling by inspection. See Aircraft engines Specialists form 8130 form dated 10-15-10. Next inspection due in 500 hours. Washed engine, ground ran. Leak checked satisfactory. I certify this engine has been inspected in accordance with a 100 hour inspection and is in airworthy condition at this time.					

END

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations	her of tries.)
	Log	book	412		
DATE	REG NO	N54BG	CHANDLER AVIATION INC	DATE	11/2/11
	MODEL	PA32RT	CHANDLER MUNICIPAL	WO#	48564
	S/N	7887079	CHANDLER, AZ	HOBBS	N/A
	ENG MOD	TIO-540-SIAD	(480) 732-9118	TACH	2262.61
	ENG S/N	L-2689-61A		TOTAL SMOH	566.91
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY. SIGNATURE <i>[Signature]</i> AUTH. NO. 2307335 A&P Drained engine oil & serviced with 10qts A/S W100 oil. Installed new oil filter. Cut open and visually inspect oil filter. No contaminants found. Cleaned, gapped, and tested all spark plugs. Clean fuel screens. Performed satisfactory compression test: #1-72/80, #2-74/80, #3-72/80, #4-7580, #5-75/80, #6-76/80. C/W AD 2008-14-07, eff. date 08/14/08. Fuel injector lines, found satisfactory. I certify this engine has been inspected in accordance with a 100 hour inspection and is in airworthy condition at this time.					

END

YEAR:	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations
DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	REG NO	N54BG	CHANDLER AVIATION INC	DATE
	MODEL	PA32RT	CHANDLER MUNICIPAL	WO#
	S/N	7887079	CHANDLER, AZ	HOBBS
	ENG MOD	TIO-540-SIAD	(480) 732-9118	TACH
	ENG S/N	L-2689-61A		TOTAL SMOH
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY. SIGNATURE <i>[Signature]</i> AUTH. NO. 2307335 A&P Drained engine oil & serviced with 10qts A/S W100 oil. Installed new oil filter. Cut open and visually inspect oil filter. No contaminants found. Clean oil suction screen. Cleaned, gapped, and tested all spark plugs. Install with new gaskets. Clean fuel screens. Performed satisfactory compression test: #1-74/80, #2-74/80, #3-75/80, #4-72/80, #5-72/80, #6-70/80. AD 2011-26-04 Fuel injection lines. Amendment 01-25-12 complied with by inspection. Remove starter and install starter M/N MZ-6222 S/N 6120381. Replace two exhaust heat shields with new. Replace exhaust nut found missing on cylinder #2. I certify this engine has been inspected in accordance with a 100 hour inspection and is in airworthy condition at this time.				

END

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				
				 5600 North Hwy 95 #11 Lake Havasu City, AZ 86404 (928) 764-1883
				January 6, 2015 N54BG Tach: 2327.6 W/O 15-4670 Drained oil and removed filter. Installed new CH48103-1 oil filter and serviced engine with 10 quarts of Aeroshell 15-50 oil. Installed engine pre-heater. Ran engine, leak and operational check normal. Mark Naumer A&P/IA 2781002 <i>Mark Naumer</i>

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				
				 5600 N Hwy 95 #11 Lake Havasu City, AZ 86404 (928) 764-1883
				January 27, 2015 N54BG Tach: 2329.3 W/O 15-4688 Installed overhauled magneto P/N 10682560-13 S/N 20131. AD 2005-12-06 500 Hr Impulse coupling was complied with at overhaul. New gasket P/N LW12681. Installed overhauled magneto harness P/N A51-10BS with new capacitors P/N 10-400576 all overhauled by Quality Aircraft Accessories. Ran engine magneto drops were 60 Rpm on each magneto, no leaks noted. Compression check #1 75 #2 72 #3 76 #4 65 #5 70 #6 71/80 Mark Naumer A&P/IA 2781002 <i>Mark Naumer</i>

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2015 DATE				
5-18	2355.17		2355.15	SHOH 659.47 Performed 100 hrs Inspection I/c/w FAR 91.409, 43.15, 43. Appender "D" as applicable to this Engine. Changed oil & filter, added 11 qts of aeroshell w/100 and Tempot oil filter P/N AA-48103-1 Comp. checked good C/P ① 72/80 ② 74/90 ③ 78/80 ④ 68/80 ⑤ 74/80 ⑥ 72/80 Checked, rotated spark plugs, checked mag timing Checked engine and inspected for condition and security Visual Inspection Exhaust System, no discrepancy noted Review to note for compliance. AD 2011-26-04 Fuel Injection Lines, Clamps C/P Visual Insp. due at 2455.47 AD 71-21-01 R1 Engine Exhaust Syst. C/P Visual no cracks noted due at 2455.47 AD 95-26-13 Oil cooler hoses C/P Visual, pressure no leaks noted due 8/9/15 or 1000 hrs 2015 AD 78-23-01 Fuel drain assembly C/P Visual & Chaining due at 2455.17 AD 2004-10-14 Fuel Line Crankshaft gear retaining bolts due at OH or prop strike AD 2005-12-06 Impulse coupling Inspection I/c/w at 2329.3 Tach due at 2829.3

2013
DATE
5-18 2355.17 2355.17 5110H 659.47
I certify that this Engine has been inspected in accordance with 100 HRS inspection and was determined to be in airworthy condition.
Alberto Marin AP 3670711 IA

7-21-15 2377.89
Remove 504 (6) Learning Fuel Nozzles P/N LW1885314 and Install General Aviation Modifications IN Turbo Compressor Kit No CLT20-6 S/N 24586 under STC A SE0944550 PMA No P & 821 SW, Installation process done No IR-98-002 REV D dated 11 Aug 1998. no Change in Weight and Balance.
ground run up Engine no leaks or discrepancy noted return engine to service.
Alberto Marin AP 3670711

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
1-8-16	2441.1			Changed oil and filter. added 11 qts of acrosheed w/100 plus and AA 48103-2 filter Checked engine, ground run up no oil leaks noted return engine to service Alberto Marin AP 3670711 IA
6-7-16				Tach Time 2442.54 total time Eng. 2442.54, 5110H 746.84 Changed oil & filter, added 11 qts of acrosheed w/100 plus and AA 48103-2 Tempest oil filter. Comp. checked OK ex. H ① 7/80 ② 7/80 ③ 7/80 ④ 7/80 ⑤ 7/80 ⑥ 7/80, Checked spark plugs, Check magneto timing Checked engine. Return AD note for compliance. AD 15-19-07 Fuel Injector Lines and Clamp. C/w Visual no discrepancy noted due inspection at 2542 AD 91-2401R1 Eng. Exhaust System C/w Visual no cracks or deposits noted due at 2542.

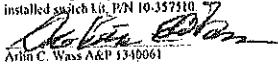
YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
6-7-16	2442.54		2442.54 5110H 746.84	
AD 95-26-13				oil cooler hoses C/w Visual no leaks noted due at 1500 Hrs or 2018
AD 2004-10-14				Failure crankshaft gear retaining bolts due at 04 or prop strike.
AD 2005-12-06				Impulse Coupling Insp. C/w Visual due at 2829.3
				I certify that this Engine has been inspected in accordance with a 100 HRS inspection and was determined to be in airworthy condition. Alberto Marin AP3670711 IA Alberto Marin

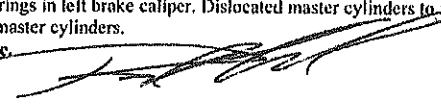
YEAR: 2017 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-19-	2533.41		2533.41	540H. P37.71 Changed oil & filter, added 11 qts of Aeroshell W100 plus and AA 48103-1 Tempstat filter. Inspected and changed spark plugs. Checked magneto timing comp. check OK. Cyl. #1 77/80 (3) 74/80 (4) 72/80 (5) 73/80 (6) 79/80, Cleaned engine Review AOs for compliance. AD-15-19-07 Fuel Injector lines, clamps c/w Visual Insp. due at 2633.41 AD-91-21-01 R1 Exhaust system c/w Visual Insp. no cracks or defects noted due Insp. at 2633.41 AD-95-26-13 Oil Cooler Hoses c/w Visual Insp. due at 1900 or at 2018 AD-2004-10-14 Failure Crankshaft gear belts due at OH or prop strike AD-2005-12-06 Impulse Coupling A/c/w due at 2029.3 tach.
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 Hrs</u> inspection and was determined to be in airworthy condition.

YEAR: 2018 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.)
2-27-18	2585.			Changed oil and filter, added 10 qts of Aeroshell W100 plus and AA 48103-2 Tempstat filter, Visual Inspection engine Installation, condition and security. Alberto Marin AP 3670711
6-14-18	2598.85		903.15	Changed oil and filter, added 10 qts of Aeroshell W100 plus and AA 48103-2 Tempstat filter. Comp. check cyl. #1 74/80 (2) 74/80 (3) 74/80 (4) 74/80 (5) 74/80 (6) 74/80 Review AOs for compliance. AD-15-19-07 Fuel Injector lines c/w Visual, no descrip. noted due at 2698.85 AD-91-21-01 R1 Exhaust Syst. c/w Visual, no cracks or defects noted due Insp. at 2698.85 AD-95-26-13 Oil cooler Hoses c/w Visual Insp. no leaks noted AD-2004-10-14 Failure Crankshaft gear belts due at OH or prop strike AD-2005-12-06 Impulse Coupling A/c/w due at 2029.3 tach. next page →

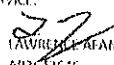
YEAR: 2018 DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-14	2598.85		903.5	I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 Hrs</u> inspection and was determined to be in airworthy condition. Alberto Marin AP 3670711 Alberto Marin
2-20-19	2637.7			Changed oil and filter, added 10 qts of Aeroshell W100 plus and AA 48103-2 Tempstat oil filter, Visual Insp. eng. Installation cleaned eng. no discrepancy noted

YEAR: 2019 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.)
	2654		2654	5 HON. 958.3 Changed oil + filter added 11 qts of Aeroshell W100 plus Comp. check OK cyl. #1 74/80 #2 74/80 #3 82/80 #4 72/80 #5 78/80 #6 78/80, cleaned spark plugs, check mag timing Replaced push rod tube seals cyl. #1-4-6 AD 18-19-07 Fuel Injection lines c/w Visual Insp due at 2754 AD 91-21-01 Exhaust Syst. Insp c/w Visual, no cracks noted due at 2754 AD 95-26-13 Oil cooler hoses Insp c/w Visual, no leaks noted AD 2004-10-14 Failure Crankshaft gear bolts due at OH on prop strike AD 2005-12-06 Mag Impulse Coupling A/c/w due at 2829.3 certify that this Eng. prop. has been: inspected in accordance with a <u>100-HR</u> inspection and was determined to be in airworthy condition Alberto Marin AP 3670711 Alberto Marin

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DATE				
				 ARLIN'S AIRCRAFT SERVICE, INC. NATIONAL AIRCRAFT SERVICE, INC. (NACSI) (800) 368-1000, 1-800-368-7000, 7000 E. Highway 100, Suite 100, Aurora, CO 80017 DATE: 25 JULY 2018 REGISTRATION: N54BG SERIAL #: 32R-7887079 TAC: 2613.3 Removed magneto. Replaced the drive end bearing. Assembled magneto with new distributor gear brushes. Adjusted points. Installed and timed magneto to the engine. Removed ignition switch and installed switch kit, P/N 10-357310.  Arlin C. Wass A&P 1340061

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DATE				
	N54BG	3/3/2020		Tach- 2702.86 1. Replaced ignition switch with new. 2. Replaced O rings in left brake caliper. Dislocated master cylinders to facilitate bleeding brake system. Reinstalled master cylinders. Smiling Aviation, Inc. 870 15.75 Road Delta Co 81416  Ronald G. Widner A&P41228771A 970-874-5181
	N54BG	3/3/2020		Tach- 2702.86 1. Replaced mag with overhauled unit. Part# 10-682560-13 Ser # D109111G. Replaced both condensers. 2. Cleaned and gapped spark plugs. Smiling Aviation, Inc. 870 15.75 Road Delta Co 81416  Ronald G. Widner A&P41228771A 970-874-5181

YEAR: 2021 DATE	RECORDING YACH 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.)
8-5	676.26		2736.26	SMOH 1077 Installed OH part LW 16858 transition Installed NEW TIT probe, Installed NEW Rod End waist gate cable end, Installed NEW seal waist gate clamp, Installed NEW skytec starter Changed oil and filter, added 11 qts of Aeroshell W100 plus and AA 48103-2 Rework, Bench test Fuel servo, Adjust to Eng. Specs, ground run OK. no leaks, no discrepancy noted. Reluctant main APP 3670711

YEAR:	RECORDING YACH TIME	TODAYS	TOTAL	Ins and Alterations Certificate Number of or other specific entries.)
DATE				
		CENTERLINE AIRCRAFT, LLC 602-300-3791 N546G PA32RC400 S/N: 32-7887079 TACH: 2726.7 AFTT: 2726.7 10/14/2020 PERFORMED THE FOLLOWING ITEM(S): 1. 100 HOUR INSPECTION. 2. CHANGED OIL & FILTER, AS OIL W 100PLUS & CH8110-1. 3. R&R CYL 4 AND 6 FOR REPAIR 4. R&R TURBO FOR OVERHAUL. 5. AD'S CHECKED THROUGH 2020-20 6. C/W AD 2015-19-07 DATED 11/03/2015 BY VISUAL INSPECTION OR FUEL INJECTOR LINES. NEXT DUE: 2826.7 OR 10/21. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED AND OR REPAIRED IN ACCORDANCE WITH THE FAA REGULATIONS AND FOR THE WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE.  LAWRENCE AHAHA APP 3670711		