

NEZILP

# NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODELIO-540-K1G5	L-29451-48A SERIAL NO:
DATE 4/22/04	Bonita Chrley
DATE	(AUTHORIZED REPRESENTATIVE)

LYCOMING

A Textron Company

LYCOMING ENGINES

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

		ENGINE DESCRIPT	ION	
		LYCOMING - WILLIAMSPORT, PENNA.	Serial No. <u>L</u> -2944	51-48A
			Horsepower: <u>300</u>	× 14
		Model: 10-540-KIG5	FAA T. C. No. <u>1</u> E4	
		20 M		
NOTICE		Engine Accessories	Serial No.	Weight
Making false entries in this book is a violation of gov-		th		
ernment regulations and is punishable by civil penalty.				
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		т.		
	* 15 58			
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	Engir	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
Date: 8 Hobbs: Eng. T ACTT  Accom with 1  MAINT repaired return to manuals	1/16/2004 1: 45.8 T: 45.8 1: 45.8 1	Model: PA32.  ilter change, cut 5x50, installed o  E: This aircraft, airfra ordance with current r s performed in according to the current respective to the current respectiv	Engine Model Engine SN: L- open and inspect il filter PN: CH45 ame, aircraft engine, pregulations of the Feder lance with applicable a ile at the repair station	Aircraft SN: 3232026 : IO-540-KIG5 -29451-48A  ted filter removed. Serviced engine 8110-1.  ropeller or appliance identified above was ral Aviation Administration and is approved for aircraft, engine and or appliance maintenance office, WO# 19158.
		1	-	

and Remarks	Signature	Certificate No
ENGINE MODEL: 10-540-K1G5 ENGINE S/N: L-29451-48A REG. NO: 621LP WORK ORDER: 203-09-2004  Executive Aircraft Maintens 1735 N.W. 51St. Place Fort Lauderdale, FI 33309 Phone: 9543515000	ance, Corp.	DATE: 9/17/2004 A/C TSN: 101,4 ENG TT: 101,4 HOBBS: 101,4
Engine Entries		
no contamination found. Installed new filter and added 12 Quarts Aeroshell 100W CH48110-1 (8) Complied with compression check. #1-75 #2-75 #3-75 #4-76 fuel injection line inspection, no discrepancies found (12) Adjusted mixture in removed saftey wire. Tightened sump plug and resaftied (15) Replaced 2 tie w	#5-73 #6-76 (9) Complied with A eference to Lycoming service manua	D 2002-26-01
All work has been performed in accordance with applicable manufacturer's maintenance instrutor proper operation. I certify this aircraft/engine was inspected in accordance with a annual instruction.  DATE: 9/17/2004 SIGNED:	spection and was determined to be in airw	orthy condition.
Ronald A. Anders, IA: 562633335	Printed by EBis 3	(datcomedia.com)
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Al .		_
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	Engin	e Time	Recorder		Maintenance
Date	This Date	Since Major	Reading		
	Brought -				
ENGINE MI IO-540-K10 ENGINE S/ REG. NO: 0 WORK OR 231-10-200	95 N: L-29451-48A 921LP DER:	Executiv 1735 N.W. 5 Fort Lauderd Phone: 9543	1St. Place ale, Fl 33309	ntenance, Corp.	DATE: 10/8/2004 A/C TSN: 159.4 ENG TT: 159.4 HOBBS: 159.4
	Entrior				IV EXECUTE AN
Engine (1) Draine CH48110 fluxuation Removed probes. A #2 - #6 w probe. A	ed oil, cut open filter, no 1-1. Serviced engine with when moving # 5 cylind protective wrapping fro Also found all six cylinder rorking correctly. Cylinder bund loese connection. I II CHT indications workin	ler CHT probe. This column both probes and tight of CHT probe bases located the chtmler of the c	ndition was caused itend connections, use in engine. Tigh illed. SEE ITEM # 6 ective wrapperound	tend all CHT probe bases. 0 3 (6) Removed engine cov wire terminals and reinstalle	oth # 3 and # 5 CHT probes.  ap and reinstalled CHT  Fround run check. Cylinders  Ving. Removed # 1 CHT  ed CHT probe. Ground run
Engine (1) Draine CH48110 fluxuation Removed probes. F #2 - #6 w probe. Fc check. A All work ha The item in	ed oil, cut open filter, no I-1. Serviced engine with when moving # 5 cylind I protective wrapping fro I so found all six cylinder working correctly. Cylinde bund losse connection. I II CHT indications working	112 quarts Adesheli (etc. CHT probe. This coil on both probes and tight of the collection of the colle	ndition was caused itend connections, use in engine. Tigh illed. SEE ITEM # 6 ective wrapparound	I by loose connections on be installed new protective wratend all CHT probe bases. Common terminals and reinstalled terminals and reinstalled terminals and reinstalled terminals and functional regulations and is approved for the state of	oth # 3 and # 5 CHT probes.  sp and reinstalled CHT  Fround run check. Cylinders  vling. Removed # 1 CHT  ed CHT probe. Ground run  lity checked for proper operation.

Total To Carry Forward

and Remarks			Signature	Certificate No
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	es.	₩ FO	R UPS SHIPPING ONLY	
SUN AVIATIOI	N, INC., Vero Beach, F	L VRB		
Date: 11/08/04 Hobbs: 202.7 Eng. TT:	Engine Log Model: TIO-540-AH1A SN:	N621LP Aircraft SN: 3 ACTT: 202.7	232026	
Changed engine oil a	and filter, inspected oil filter elem	ent for contamin	ation & none found, s	erviced with 12 qua
A/S 15W/50 and (1) e MAINTENANCE RELI accordance with curre was performed in accor Pertinent details are o	ach # CH48110-1 filter.  EASE: This aircraft, airframe, aircraint regulations of the Federal Aviation ordance with applicable aircraft, end in file at the repair station office, Weith a control of the	aft engine, propelle on Administration a gine and or appliar D # 19437.	er or appliance was rep and is approved for retu nce maintenance manu	aired and inspected ir irn to service. All worl
A/S 15W/50 and (1) e MAINTENANCE RELI accordance with curre was performed in accor Pertinent details are o	ach # CH48110-1 filter.  EASE: This aircraft, airframe, aircrant regulations of the Federal Aviation and the with applicable aircraft, engin file at the repair station office, Wo	aft engine, propelle on Administration a gine and or appliar D # 19437.	er or appliance was rep and is approved for retu nce maintenance manu	aired and inspected ir irn to service. All worl

	Engine	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
ENGINE MODEL: IO-540-K1G5 ENGINE S/N: L-2945' REG, NO: 621LP WORK ORDER: 308-12-2004	1-48A <b>EAM</b>	Executive Airc 1735 N.W. 51St. Place Fort Lauderdale, F133 Phone: 9543515000	9	DATE: 12/6/2004 A/C TSN: 264.3 ENG TT: 264.3 HOBBS: 264.3
D/M CH/9110 1 A	ADED 12 OTS TUDPLU	J //		l oil. Ran engine no leaks noted. Filter
The item identified ab	SIGNED: Henry Roe, A&P	10	urrent FAA regerations	untions and functionally checked for proper operation. and is approved for return to service.  Work Order: 308-12-2004  Printed by EBis 3 (datcomedia.com)
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and Remarks	Signature	Certificate No.
ENGINE MODEL: 10-540-K165 ENGINE S/N: L-29451-48A REG. NO: 621LP WORK ORDER: 374-01-2005  Executive Aircraft Maintenanc 1735 N.W. 51St. Place Fort Lauderdale, Fl 33309 Phone: 9543515000	e, Corp.	DATE: 1/14/2005 A/C TSN: 322.1 ENG TT: 322.1 HOBBS: 322.1
Engine Entries  (2) Performed oil and filter change, Installed new CH48110-1 oil filter and 12 quarts As inspected no defects found at this time . O.P.S. check good no leaks (8) Removed plugs ,O.P.S. check good .	·	
All work has been performed in accordance with the applicable manufacturer's maintenance instruction. The item identified above was repaired and inspected in accordance with current FAA regulations a	ctions and functionally checked for pro and is approved for return to service.	per operation.
DATE: 1/14/2005 SIGNED	Work Ord	er: 374-01-2005
Henry Roe, A&P: 262042276	Printed by EBis 3 (o	latcomedia.com)

ENGINE MODEL: IO-540-K1G5 ENGINE S/N: L-29451-48A REG, NO: 621LP WORK ORDER: 417-02-2005



Executive Aircraft Maintenance, Corp.

1735 N.W. 51St. Place Fort Lauderdale, FI 33309 Phone: 9543515000 DATE: 2/11/2005 A/C TSN: 372.5 ENG TT: 372.5 HOBBS: 372.5

Work Order: 417-02-2005

#### **Engine Entries**

(1) Drained oil, cut open filter, no contamination found. Installed new filter and added 12 Quarts of Aeroshell 15VV-50 oil. Ran engine no leaks noted. Filter P/N-CH48110-1

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service.

DATE: 2/11/2005	SIGNED:		VVOIK OIDEL 417-02-2000
Ditte. 2 Theore	Henry Roe, A&P: 262042276	1	Printed by EBis 3 (datcomedia.com)
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Total To Carry Forward			

and Remarks			Signature	Certificate N
	M.		1	
ENGINE MODEL: IO-540-K1G5 ENGINE S/N: L-29451-48 REG. NO: 621LP WORK ORDER: 495-03-2005	1735 N. Fort Lau	utive Aircraft Maintenar .W. 51St. Place uderdale, Fl 33309 9543515000	ace, Corp.	DATE: 3/23/2005 A/C TSN: 422.7 ENG TT: 422.7 HOBBS: 422.7
Engine Entries	10 10			
			4 - 9 - 5	J [7]4
P/N-CH48110-1. Servi	iced engine with 12 quarts Aer	nie manufacturer's maintenance instr	uctions and functionally checked for	proper eperation
P/N-CH48110-1. Servi	iced engine with 12 quarts Aer	nd. Installed new filter and adder roShell oil 15W50.  Die manufacturer's maintenance instrondance with current FAA regulations	uctions and functionally checked for	proper eperation
P/N-CH48110-1. Servi	iced engine with 12 quarts Aer	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service	proper eperation
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e.
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance SIGNED:	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e. Order: 495-03-2005
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance SIGNED:	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e. Order: 495-03-2005
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance SIGNED:	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e. Order: 495-03-2005
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance SIGNED:	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e. Order: 495-03-2005
All work has been perform The item identified above	iced engine with 12 quarts Aer ed in accordance with the applicab was repaired and inspected in accordance SIGNED:	roShell oil 15W50.	uctions and functionally checked for and is approved for return to service Work (	proper operation. e. Order: 495-03-2005

Engir		e Time	Recorder	Maintenanc
Date	This Date	Since Major	Reading	
	Brought Forward			X
NGINE MODEL: -540-K1G5 NGINE S/N: L-2945 EG. NO: 621LP YORK ORDER:	11-48A <b>EAM</b>	Executive Airo 1735 N.W. 51St. Pla Fort Lauderdale, FI 3 Phone: 9543515000	3309	DATE: 4/15/2005 A/C TSN: 429.7 ENG TT: 429.7 HOBBS: 429.7
04-03-2005 Engine Entries 1) Removed mag	netos for 500 hr. inspe	ection on 3/25, left P/N s ck good.	6351 S/N 04031008, right	t P/N 6350 S/N 03120924. Reinstalled
Ingine Entries  1) Removed mag				t P/N 6350 S/N 03120924. Reinstalled  as and functionally checked for proper operation. is approved for return to service.  Work Order: 504-03-2005
Ingine Entries  1) Removed mag	erformed in accordance wi above was repaired and in			
Engine Entries  1) Removed mageame magnetos  All work has been per the item identified a	erformed in accordance wi above was repaired and in	th the applicable manufact spected in accordance with		ns and functionally checked for proper operations is approved for return to service.  Work Order: 504-03-2005

and Rema	.е	Certificate N
SUPPLEMENTAL LOG BOOK ENTRY		
Reg: N621LP Model: IO-540-K1G5 S/N: L-2 Date: 06-01-2005 Tach: 485.7	9451-48A	
Drained oil, refilled with 11 quarts of Exxon Elite 20W50 Replaced oil filter with new P/N#CH48110-1. Split open no foreign material found. Ground run, no oil leaks found.	old filter,	
ime END -		
Robert A. Kindig III 338586935 A&P		
T T	-	

	Engit	ne Time	Recorder		Maintenance
Date	This Date	Since Major	Reading		
		CURRIEME	NTAL LOG BOOK	FNTRY	
		SUPPLEME	INTAL LOG BOOK		
	Reg: N621L Date: 07-14	-2005 Hobbs: 541.4		S/N: <b>L-29451-48A</b>	
	Dustrad of	L rofilled with 12	quarts of Aeros	nell W100 oil.	
		- I file an invite motel		I Som oben old mich	
1	no foreign	material found. A found found for the found at this ting	Added 2 cans of ne - FND -	Avblend. Ground run,	
	no on lear	i Culid at tinotin			
	+ _X	D 01-11-7-5045	22404 A&P		
	Kristophe	r D. Stadler 59450	J2494 AQI	1/2	
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				1.25	
	<del>-  -</del>			400	
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otal To					
arry Forwar	.q	<b>***</b>			

NOITAIVA NUE	I, INC., Vero Beach, F	FL VRB			0.
Date: 9/19/05 Hobbs: 610.6 Eng. TT: 610.6 ACTT: 610.6	Engine Log Model: IO-540-K1G5 SN: L-29451-48A	N621LP Aircraft SN: 323202	26		
	stion IAM EAD 42 Ann "D" usin	og the Biner BA22 201E	T Inchestion		
Report, as a guide.	ction IAW FAR 43, App "D" usin	ig tile Piper PA32-30 IP	i inspection		
	pressions: (1) 78 (2) 78 (3) 77 (4			10 1 1/0	
	filter, inspected oil filter element CH48110-1 filter. C/W AD 2002				
	emoving Left Magneto PN 6351,				
	ASE: This aircraft, airframe, aircra	aft engine, propeller or a	ppliance was repaire	d and inspected in	
	t regulations of the Federal Aviati				
	dance with applicable aircraft, en file at the repair station office, W				
T etiment details are				30.10	
Signature /		CRS # ECWR470D			
Sun Aviation, Inc. Mu	nicipal Airport, Vero Beach, FL 32	2901 (112) 362-9231			

	Engin	e Time	Recorder		Maintenance	and Rem		(45)	ture .	Certificate No.
Date	This Date	Since Major	Reading			dild keli	X X			
	Brought					W W	SUPPLEMENTAL LOG BOOK ENTRY			
	Forv	SUPPLEM	MENTAL LOG BO	OOK ENTRY			Reg: N621LP Model: IO-540-K1G5 S/N: L Date: 03-30-2006 Hobbs: 804.3	29451-48A	7 ( <del></del>	
	Reg: <b>N621</b> I	P Model: IO-5	40-K1G5	S/N: L-29451-48A			Drained oil, refilled with 11 quarts Exxon Elite 20W50 Removed and Replaced oil filter with new P/N#CH481	engine oil. 10-1 Split		
			Hobbs:	768.1 ACCT: 768.1			filter open to inspect for foreign matter. Removed and	replaced		
	Drained o	il, refilled with 1	1 quarts Exxor oil filter with ne	n Elite 20W50 engine oil. W P/N#CH48110-1. Split Ground run engine to	3		(6) top spark plugs with (6) new P/N REM38E. Perform compression check 1>75/80, 2>75/80, 3>76/80, 4>76/	ned 80, 5>76		
		to inspect for for leaks, none not					/80, 6>75/80. Ground run engine to check for leaks, r at this time END -	one noted		
	- CHECKTON	and OG	Ri			N	RATIL			
	David A	Johnson 3448	929 A&P				Robert A. Kindig III 338580935 A&P			
	David A.	OOTHIOOTI STREET					· · · · · · · · · · · · · · · · · · ·			
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otal To Carry Forward	,									

	Engir	e Time	Recorder		Maintenance
Date	This Date	Since Major	Reading		
		SUPPLEMENTA	AL LOG BOOK EN		
	Reg: N621LP Date: 06-11-200	Model: IO-540-K1		S/N: <b>L-29451-48A</b> ACCT: <b>873.3</b>	**
	Orained oil, re	filled with 11 qua Replaced oil filte	matter. Grouf	20W50 engine oil. N#CH48110-1. Split ad run engine to	
	check for leak	s, none noted at	this time EN	D -	
	<b>T</b>				
		Oron		1	
	David A. John	son 34480929A&P			*
otal To		*			

and Remarks		Signature	Certificate No
ENGINE MODEL: 0-540-K1G5 ENGINE S/N: L-29451-48A REG. NO: 621LP WORK ORDER: 596-06-2006	Premier Aircraft Service,. Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	A/C EN	TE: 7/5/2006 : TSN: 899.2 IG TT: 899.2 DBBS: 899.2
Engine Entries			
	IE FROM N621LP PIPER PA 32 301 S/N 3232026 AIRCR	AFT FOR WARRANTY REPAIR BY TE	EXTRON
	on made at this time SIGNED:	Work Order: 68	96-06-2006
	C11. 121. X	Work Order: 69 Printed by EBis 3 (datcon	
	SIGNED: Ellis Pala	4	
	SIGNED: Substantial Signature State	4	
	SIGNED: Substantial Signature State	4	
	SIGNED: Substantial Signature State	4	
	SIGNED: Substantial Signature State	4	
no airworthiness determinati	SIGNED: Substantial Signature State	4	

**Engine Time** Recorder Maintenance Reading Date Since Major This Date

LYCOMING

652 Oliver Street Williamsport, PA 17701

A Textron Company

8/9/06 Engine S/N L-29451-48A was returned to Lycoming with 899.2 TT for inspection/repair due to cam & tappet wear. Engine was disassembled, cleaned, and inspected. Cylinders # 1, 2, 3, 4 & 6 honed. Engine was reassembled replacing cylinder # 5 including valves, springs & spring seats, camshaft, oil pump body, sump baffle, all pistons including rings, pins & pin plugs, tappets, bearings, hardware necessary for the repair, and all perishable items. Engine was tested in accordance with Lycoming specifications and is determined to be in an airworthy and safe operating condition. Additional service bulletins and instructions complied with 240T, 342E (2002-26-01), 475C (91-14-22), \_\_\_ 532, 554, 548A, 565 and SI 1267C, 1424, and 1487. All pertinent data relating to this work is on file at Lycoming \_\_\_ under work-order CR06042.

\*Note: Engine found to have metal contamination, all airframe oil hoses and oil system components Kenned & Rate

must be flushed before installation.

processors and the second of t

K. L. Raker Repairman #2857724 Repair Station EJ1R115K

END

DATE: 8/25/2006 ENGINE MODEL Premier Aircraft Service,. Inc. A/C TSN: 899.2 IO-540-K1G5 Tremuer 5540 NW 23rd Avenue Hanger 14 ENG TT: 899.2 ENGINE S/N: L-29451-48A Fort Lauderdale, FL 33309 Aircraft Service HOBBS: 899.2 REG. NO: 621LP Phone: (954) 334-2393 WORK ORDER: 696-06-2006 **Engine Entries** C/W ANNUAL/100HR. INSPECTION ON THIS ENGINE IAW FAR 43 APPENDIX D AND PIPER PA 32 M/M ANNUAL INSPECTION GUIDE.REPLACED 6 EACH NEW CHAMPION SPARK PLUGS P/N REM38E. ENGINE WAS GROUND RUN AND LEAK CHECKED GOOD.>>>>REINSTALLED ENGINE MODEL IO-540KIG5. S/N L-29451-48A USING NEW LORD MOUNTS, SERVICED WITH AEROSHELL 100 MINERAL OIL. OPS AND LEAK CHECK GOOD,>>>>REMOVED BOTH OIL COOLERS. REINSTALLED BOTH OIL COOLERS AFTER OVERHAUL BY PACIFIC OIL COOLER SERVICE INC W/O 54558 & 54559.>>>INSTALLED NEW INDUCTION AIR FILTER P/N PA613>>>>FLUSH OIL COOLERS REINSTALLED OIL COOLERS AFTER O/H>>>> REMOVED AND DISASSEMBLED MUFFLER ASSY. REASSEMBLED AND REINSTALLED MUFFLER AFTER REPAIR BY AEROSPACE WELDING.>>>>CLEANED FUEL INJECTOR NOZZLES.>>>>REPLACED CYL #6 CHT PROBE WITH P/N 481-388. OPS CHECKED GOOD.>>>>REMOVED AND REINSTALLED CONNECTIONS OF #1 CHT PROBE, OPS CHECK GOOD ON DISPLAY, RUN UP ENGINE, OPS CHECK GOOD Maintenance Release certify this engine has been inspected in accoradence with an Annual inspection and found to be in airworthy condition on this date. Aircraft is approved

for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

Jack Wesley Dale, A. 45696708

and Remarks

DATE: 8/25/2006

Certificate No.

Signature

Work Order: 696-06-2006

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	Engin	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
12-12-06	Brought Forward	Charge	ed oilà	tither, chid. screen.
140665:	952.6	Tusta	Ved 129	ots. Acroshell 15 W50 wt.
10000		& Chame	ion CHA	8/10-17: Her. Washed down
		PAJAINE, 2	COWING	g. Performed rue up, op's
		32 L. CKY	J. ok. Z	waive returned to service
			wh to	12/P548046776

North Coast Air Care Inc., 1600 Triplett Blvd Akron, Ohio 44306 (330) 734 0282

February 7, 2007 985.9 Tach

Complied with the following; removed and replaced starter assy with overhauled unit using pn# 149-24PM sn# F4P-240016; replaced starter shunt with new surplus unit using pn# 486-684; replaced starter relay using new pn# 767-391 per piper Service Letter 1093; checked systems for proper operation

Tota Cari

Ken Golke AP 2758310

Certificate No. Signature and Remarks IO-540-K1G5 MAY 17, 2007 OIL CHANGE **HOBBS 1037.0** Changed oil, serviced with 12 qts Aeroshell 100 Plus oil. Installed new CH48110-1 oil filter Cleaned engine, post run-up checked ok and found no leaks. I certify this maintenance was performed I/A/W the FAR's and the Piper Maintenance Manuals and is found to be airworth, as to the work performed. A&P 418647214 IA, Wayne Whisenant, GADSDEN AVIATION, LLC. 256-442-5111. N621LP OIL CHANGE AUGUST 6, 2007 Hobbs: 1086.3 Changed oil and serviced with 12qts Aeroshell 100 Plus Oil. Installed new oil filter, CH48110-1. Cleaned engine compartment, leak check, checked ok. A&P418647214IA Wayne Whisenant. Www.u GADSDEN AVIATION, LLC.

	Engin	e Time	Recorder	Maintenance
This Date  This Date  Since Major  SEPTEMBER 11, 2007  ANNUAL INSPECTION  HOBBS: 1101.4  TSNEW: 1101.4  1. C/W annual inspection requirements as found in the Piper 6X Maintena 2. Compression test results: #1-75/80, #3-72/80, #5-78/80, #2-76/80, 3. Replaced the elbow air intake unit with new part, p/n 559-070.  4. Removed heat exchanger, welded the heat shroud aft ring mount and 5. AD 07-04-19R1, does not apply due to engine model.  6. AD 06-20-09, does not apply since there has been no crankshaft repla 7. AD 99-04-04, no longer applies since magneto model number 6354 is position.  I certify this engine has been inspected I/A/W the Piper 6X Maintenance Manual determined to be in airworthy condition at this time and is returned to service. A&P418647214IA Wayne Whisenant ABP418647214IA Wayne Whisen				
SEPTEMBER 1	1, 2007	ANNUA	L INSPECTION	N621LP
1. C/W a 2. Comp 3. Repla 4. Remo 5. AD 0 6. AD 0 7. AD 9	1.4  annual inspection ression test resced the elbow aived heat exchar 7-04-19R1, does 15-20-09, does no 19-04-04, no long	ilts: #1-75/80, # r intake unit with ager, welded the l not apply due to bt apply since the er applies since r	new part, p/n 559-070 neat shroud aft ring mo engine model.	ount and reinstalled.
I certify this er determined to	gine has been ir be in airworthy o HA Wayne Whise	enant Way	me acid is recurried to	e Manual, the FAR's and has been

and Remarks		Signature	Certificate No.
OCTOBER 26, 2007	OIL CHANGE	****	N621LP
HOBBS: 1136.6		*	
<ol><li>Adjust fuel/air mixtur</li></ol>		Ch48110 oil filter.	
October 29, 2007	SPARK PLUGS		N621LP
1. Checked gap and inst A&P232877807 MIKE JONES GADSDEN AVIATION, LLC. 250	talled 12 new Shampion REM38E Span	k Plugs and ground tes	t, checked ok.
FEBRUARY 28, 2008	OIL AND FILTER CHANGE		N621LP
wasned engine compartr		2	

	Engir	ne Time	Recorder	Mo	aintenance
This Date Since Major Reading  JUNE 25, 2008 HOBBS: 1249.9  1. Changed oil and filter. Serviced with 12 qts AeroShin CH48110-1 oil filter. A&P/IA 1984373 WAYNE WHISENANT GADSDEN AVIATION, LLC. 256-442-5111  OCTOBER 16, 2008  ANNUAL INSPECTION	Reading				
HOBBS:	1249.9			N621LP	
A&P/IA 198 GADSDEN A	4373 WAYNE WH	256-442-5111	INSPECTION		N621LP
CTORED 16		ANNUA	LINSFECTION		
OBBS: 130					
OBBS: 130	4.0				

AD 2008-08-14, does not apply due to date listed in C, 1 under APPLICABLITY.

I certify that I have inspected this engine I/A/W the Piper 6X Maintenance Manual, 100hr/annual

inspection guidelines and have determined this engine to be in airworthy condition at this time and is

Lycoming warranty work has been performed.

GADSDEN AVIATION, LLC. 256-442-5111

returned to service. A&P/IA 1984373 WAYNE WHISENANT LUDA

and Remarks	= 1	Signature	Certificate No.
- × 1 · · · · · · · · · · · · · · · · · ·			
<b>MARCH 18, 2009</b> HOBBS: 1350.6	OIL CHANGE		N621LP
check.	10qrts of Exxon Elite 20W50 oil and new 5/80, #3- 72/80, #5- 74/80, #2- 66/80 ANT		•

JUNE 2, 2009

AIR/OIL SEPERATOR

N621LP

1366.1 HOBBS:

1. Installed the Airwolf Air Oil Separator, kit AFC-W315B, following the instructions provided by the Airwolf Air Filter Corporation's STC no. SA02268CH. Mounted the air oil separator canister on the firewall, Computed new weight and balance, completed 337 and mailed to the FAA, placed a copy of the 337, weight and balance, STC and a copy of the ICA (Instructions for Continued Airworthiness) in the aircraft logs.

I certify that all work was done I/A/W the FAR's and Airwolf Air Filter Corporation's STC no. SA02268CH and has been determined to be in airworthy condition and this algorith is returned to service. A&P/IA 1984373 WAYNE WHISENANT

GADSDEN AVIATION, LLC 256-442-5111



DATE: 6/24/2009

#### **Engine Entries**

Replaced engine driven fuel pump PN AF15473 SN F005245. Ops & leak checks good.

Manythan DATE: 6/24/2009

Work Order: 4309-06-2009

Printed by EBis 3 (datcomedia.com)

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	1 1			
			1	
	***************************************			
Total To Carry Forward		8		
Carry Forwara				

and Remarks

Signature

Certificate No.

AUGUST 24, 2009 HOBBS: 1377.7

100 HR INSPECTION

N621LP

TTAF: 1377.7

TTSN: 1377.7

- 1. Performed 100hr insp.I/A/W the Piper 6X Maintenance Manual.
- 2. Compression test results: #1-71/80, #2-72/80, #3-68/80, #4-69/80, #5-76/80, #6-69/80.
- 3. Changed oil and serviced with 12 qts Aeroshell 100 Plus oil and installed a new CH48110-1 oil filter. Cut open oil filter, no debris found.
- 4. C/W AD 99-04-04, by installing new L/H magneto, P/N 6351, S/N 09011714. Next insp. due @ 1627.7 hrs.
- 5. C/W AD 08-14-07, External fuel inj. lines as per AD, next due @ 1477.7.
- 6. AD 09-02-03 does not apply due to man. date.

I certify that I have inspected this engine I/A/W the Piper 6X M/M, 100hr/ annual inspection guidelines and have determined this engine to be in airworthy condition at this time and is returned to service. DEVEN MUNDY A&P 2848967C. GADSDEN AVIATION LLC. 256-442-5111

I certify this engine has been inspected in accordance with an ANNUAL inspection guide and found to be in an airworthy condition at this time John Rodgers LA3136961A&P

	Engin	e Time	Recorder	Maintenance	•
Date	This Date	Since Major	Reading	20020	u
Histor	Brought Forward	1425		CHArbhor 12 QTS Afros 100 Pus / CH48110-1 Frim MR	PF.
ENGINE MOD IO-540-K1G5 ENGINE S/N: REG. NO: 62' WORK ORDE 4813-04-2011	L-29451-48A DLP ER:	Flightline Grou  3256 Capital Circle SV Tallahassee, Florida 3 Phone: 850-576-3515	N 32310	DATE: 10/27/201 A/C TSN: 1473. ENG TT: 1473. HOBBS: 1473.	5 — 5
5-76, #6-78	Changed oil and line	d se installed fuel nozz	lesReplaced en	compression readings:#1-76, #2-78, #3-76, #4-78, # hispected filter for metalRemoved and replaced all gine spark plugs, REM38EReplaced Fuel servo finger D 2008-14-07 Inspection of fuel injector lines, hoses, itent Inspection,OKC/W Lycoming SI 1492D Piston	
clamps and	support bracketsor	W Lycoming SB 480D (	Oil filter/screen con good.No leaks.	itent Inspection, OKC/W Lyconning 37 11322	
Pin Wear I	engine, propeller or applian n an airworthy condition. T	W Lycoming SB 480D ( and run engine.Ops.ck.	Oil filter/screen con good.No leaks.	rent FAA regulations in accordance with an Annual Inspection an	d –

and Remarks	2	Signature	Certificate No
¥ 6 9			
Nov. 24, 2011 N621LP Piper PA	32-301FT S/N 3232026 F	Johns 1535 ()	
Lycoming IO-540-K1G5 S/N	N L-29451-48A Eng TT 15	535.0	
This engine has been inspected in a	accordance with an Annua	l Inspection per	-
FAR 43 Appendix D. Compression			1
#4 74/80, #5 76/80, #6 74/80. Mag	gs & timing checked. Spar	k plugs cleaned ———	×
& gapped. Exhaust system & heater filter checked. Electrical system w	er mumers checked. Indi	uction system &	
controls checked for travel & opera	ation. Checked mounts. S	Serviced propeller	
& dressed blades. Researched AD'	's - See aircraft paperworl	k for AD	
Compliance Report. Engine washe			
OK. I have inspected this engine & service. END.	k find it Airworthy – OK i	for return to	
allet Thomas Madoo	~		
Albert Thomas Madison	The Plane s	station, Inc.	
A&P 88526718IA	1008 Airpo		
229-226-4753 Inv.#4	4037 Thomasvill	e, GA 31757	
		*	
		Ě	

	Engin	e Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
tal To rry Forward	This en Lycomi Inspect 74/80, gapped checke SA693 filter. compo Checke aircraft operati - OK 1  Albert A&P 8	gine has been inspe ing Service Manual ion. Compression of #6 74/80. Magneton Exhaust system & d, replaced paper fil CE. Changed oil & Checked fuel system nents. Checked con ed & serviced prope t paperwork for AD on & for leaks — Ok	Hobbs & TIS 1572 cted in accordanc & The Plane Stati checked; #1 72/80 s & timing checket heater mufflers of ter with Brackett filter with 12 qts. a & strainer. Chec trols for operation ller & dressed bla Compliance Repo	e with FAR 43 Appendix D, ion checklist for an Annual , #2 73/80, #3 74/80, #4 74/80, #5  ed. Spark plugs cleaned & checked. Induction system BA104 Assembly per STC . W100 Aeroshell & CH48110-1 cked electrical system & n & travel. Checked mounts. ides. AD's researched – See ort. Engine washed, ran, checked ied this engine & find it Airworthy

and Remarks	Signature	Certificate No.
5.9-14 Hobbs 1607.0 Total 1607.0	2	
This engine has been inspected in		FAR 43
Appendix D, Lycoming Service Manu		1
Checklist for Bn Annual Inspection. Co	ompressions cheek	ed;#/73/80
中27%。#37%。#47%。#57%。#6780.	mags and tining	Wecked.
sperk plugs cleaned and gapped. To	replaced cranta	est seel
LW15628 and frop o-ring. Checked i		
Filter element BA-3. Cheeked es	houst system	and muffler
changed oil and F. Her with Rots	W/00 Aerashe//en	d A448110.2
Hor, Chected Tue system and Stra.	ver. Checked es	ectrical
ystem and components. Theelier	dengine contra	ls For
	CONT	<b>→</b>

	Engine	Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
	Brought Forward			
PAT>	operet	so end	travel.	Ohedred orgine mounts.
	Micked ?	nd fervi	ced prop	geller, dressed bledes.
	AD'S TES	eerched-S	see Aircra	off Paparmork Par G
	AD Bomp	lience R	aport a	Engine washed ran checke
	operation	and for	leaks-0	ox. I have inspected this
	engine e	md find	it Airw	orthy. OF For Return to
	service	END.	Ment 7	Lanas Madian A+188506718
				mas Madison
				Station Inc.
Total To Carry Forward				disport RO

and Remarks	Signature	Certificate No.
FAA - PMA		
This tag certifies that Sky-Tec Model No		
Serial No. FN-321357 was manufactured new on 12 Aug 2013 by Sky-Tec under the authority of FAA-PMA No. PQ0852SW		
Supplement No 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.skytecair.com/eligibility.htm		-
Starter Installed on N 624 2 by 11 12017 1017 1017 (Mechanic)		
visionis,		
Starter Installed on N 624 LP by M PUPP OWNER (Aircraft)  T N 57 9 11 60 8/20/13		
Form CC1108-1		
30 15 OIL & FILTER CH 8110-1 PTL	The Mary	<u> </u>
20 30 19 217 3110-11	700	
		-

_	Eng	ine Time	Recorder	Maintenance
Date	This Date	Since Major	Reading	
4/1/15	Brought Forward	1631		12 Qx. AFROSHUC 100 PW) CH 48-110-1 FILTH
	-	his engine has been	Hobbs 1640.5 inspected in acco	Lyc 10-540-K1G5 S/N L-29451-48 TIS 1640.5 ordance with FAR 43 Appendix D, the Station checklist for an Annual
	Insp 72/	ection. Compression 80, #6 73/80. Replace apped spark plugs. Control of the control ter muffler. Checket	ns checked: #1 72 ced rings in #1 cy thecked mags & d induction syste	l/80, #2 72/80, #3 72/80, #4 72/80, #5 limder due to oil fouling. Cleaned & timing. Checked exhaust system & m & replaced Brackett filter element
Otto	cc pro	BA-3. Checked fue imponents. Checked ip. Researched AD's N/A not acrobatic	el system & strain controls for trav - Inspected fuel engine. Engine	er. Checked electrical system & el & operation. Serviced & dressed injector lines per 2011-26-04, 2015- washed, ran, checked operation & for and find it Airworthy – OK for return
	Albe	hul Shraw J ert Thomas Madison 2 88526718 IA	Inv#4437	The Plane Station, Inc. 1008 Airport Rd
Total To Carry Forward	229-	226-4753		Thomasville, GA 31757

and Remarks	Signature	Certificate No.
	MIKE QUPP	OWNER
18-12-2015 1652.2 Replaced alternat	tor belt with	P/N 73965-01
extend prop oring, retorqued and safetyel	prof. Pan engin	98850107K
Topic to to leaks 201 /END amin	191011112111112NAVI 1-1-1	953,0076
×		

	Engin	e Time	Recorder		Maintenance	
Date	This Date	Since Major	Reading			
130/2016	Brought Forward	1670,6		1205	Afire Sueu	100 PLUS
		Lyc This engine has Lycoming set Inspection. Com #5 74/80, #6 73/8 Exhaust system & Brackett filter of Aeroshell & A Engine control Propeller set paperwork for Al	IO-540-K1G5 as been inspect ryice manual & apressions chec 80. Mags & tir & heater muffle element BA-3. A48110-2 filte s checked for o ryiced & dresse D Compliance Airworthy – O	S/N L-29451-4: ed in accordance. The Plane Stat- ked: #1 76/80, ming checked. Inc. Oil & filter char. Electrical sys- peration & pro- ed blades. Res-	, he	ual 77/80, apped. replace Plus ked. cked. raft d find it
Total To Carry Forward		Albert Thomas M A&P 88526718 L 229-226-4753		v.# 4551	The Plane Station, Inc. 1008 Airport Rd. Thomasville, GA 3	

and Remarks	Signature	Certificate No.
they 110-1 Ficth	MILL PUPP	Owner
	(* x)	
	N.	

	Linguis Time		Recorder		Maintenance
Date	This Date	Since Major	Reading		
13/4	Brought Forward	1725.1		12 OT ALMSHAN	no fus
					3
	This engines Lycoming: Inspection. Con 77/80, #6 76	service manual & T impressions checked i/80. Replaced fuel and fuel injectors. Ch	N L-29451-48A in accordance v he Flane Station l; #1 77/80, #2 7 pump with new		
	Spark phugs of Induction system components. Components washed, ran, ch	n checked replaced hecked engine con d blades. Research	filter element. trol for proper t ed AD's - See a for leaks - OK.	& heated muffles checked. Checked electrical system & ravel & operation. Serviced irreraft paperwork. Engine I have inspected this engine	

THE REST IN

and Remarks		Signature	Certificate No.
CH 48 110-1 FTCF	~		
*			
Removed, cleaned &	18 N621LP Piper PA-34-301FT Hobbs 1758. Lyc. IO-540-K1G5 S/N L-29451-48A gapped spark plugs, reinstalled. Operationally END  END	y tested -OK	
	Albert Thomas Madison A&P88526718IA		
	1	5 K E	

	Engin	e Time	Recorder	Mai	ntenance
Date	This Date	Since Major	Reading	Mon	THE HATTER
2.7/18	Brought Forward	1757,5		12 GT BELD SINGLE	100 Pu
	L Inspection 12 c P/N character Com	Lycoming IO-2 nis engine has been in sycoming service man ction. Compressions 0, #6 79/80. Cleaned ing checked. Spark p qts. W100 Aeroshell of SL15628. Exhaust statecked, replaced Brace omponents. Checked iced & dressed blades pliance Report. Enginerate inspected this engineers.	540-K1G5 S/N aspected in according a The Plan checked; #1 78 I fuel injectors, plugs cleaned & AA48110-2 flystem & heater elekett element Bengine controls. Researched fine washed, rangine & find it AENE		
	Alber	Most The t Thomas Madison 88526718IA	mas ///. Inv#4771	The Plane Station, Inc. 1008 Airport Rd.	
Total To Carry Forward	*************	226-4753	222777 77 2	Thomasville, GA 31757	

and Remarks	Signature	Certificate No.
clt 48 110-1 FILTER		
·		
5/28/2020 N621LP Piper PA- Lye IO-540-K1G5 S,N L-2: This engine has been inspected in accordance service manual & The Plane Station checklist is checked; #1 78/80, #2 78/80, #3 79/80, #4 78/8 checked. Spark plugs cleaned & gapped. Indu element BA-3. Exhaust system & heater muffle stack. Changed oil & filter with 12 qts W100 A system & components checked. Fuel system checked. Prop serviced & dressed blades. Engi operation. Researched AD's, inspected fuel inj OK, no further compliances due at this time. En for leaks – OK. I have inspected this engine & service. EN  Albert Thomas Madison A&P88526718IA Inv#4862	9451-48A TIS 1806.5 e with FAR 43 Appendix D, Lycoming for an Annual Inspection. Compressions 80, #5 77/80, #6 79/80. Mags & timing action system checked, replaced Brackett ers checked, welded crack in right center Aeroshell & CH48110-1 filter. Electrical ecked, cleaned injectors. Engine mounts eine controls checked for proper travel & ector lines and hardware per 15-19-07-ngine washed, ran, checked operation & find it Airworlby — OK for return to the form of the control of the con	

Date Engine Time Recorder This Date Since Major Reading	Recorder	Maintenance			
	Brought -				
	This engine has Lycoming servi Inspection. Comp #5 79/80, #6 79/80 Induction system chester of Aeroshell & AA48 system checked. dressed blades. Res	manual & The Bressions checked; and Mags & timing of ecked, replaced Branfflers checked.  10-2 filter. Electric Engine controls checked AD's – checked at this time. I have inspected the return to several properties of the second AD's – checked at this time.	L-29451-48A II ccordance with Plane Station che f1 78/80, #2 78/8 checked, Spark prackett filter elen Changed oil & fi cal system & co ccked for proper ecked fuel inject Engine washed, is engine & find service. END The I 1008	bbs 1820.2 IS 1820.2 FAR 43 Appendix D, cklist for an Annual 30, #3 79/80, #4 78/80, dugs cleaned & gapped. ment P/N BA-3. Exhaust elter with 12 qts. W100 imponents checked. Fuel travel. Prop serviced & tor lines per 15-19-07, no ran checked operation & it Airworthy – OK for  Plane Station, Inc. Airport Rd. masville, GA 31757	
tal To irry Forward					

	narks	Signature	Certificate No	
(ser)	10/01/2022 N621LP Piper PA-32-301FT: Lycoming IO-540-K1G5 S/N I This engine has been inspected in according service manual & The Plant Inspection. Compressions checked; #1 79/78/80, #6 79/80. Mags & timing checker Induction system checked, replaced Brack System & heater mufflers checked. Chank Aeroshell & CH48110-1 filter. Replace cylinders #1 & #3. Electrical system & congine controls checked. Serviced proper AD's; injector lines checked per 15-19-07, time. Engine washed, ran, checked open inspected this engine & find it Airworthy	L-29451-48A TIS 1852.8 rdance with FAR 43 Appendix D, e Station checklist for an Annual /80, #2 78/80, #3 79/80, #4 79/80, #5 ed. Spark plugs cleaned & gapped. ckett filter element BA-3. Exhaust nged oil & filter with 12qts W100 ed rocker shaft cover gaskets on components checked. Fuel system & eller & dressed blades. Researched et, no further compliances due at this ceration & for leaks – OK. I have et – OK for return to service. END.		
	<u> </u>		ľ	

This Date   Since Major   Reading
A01195 (04-18-2024)  MAKE: Piper MODEL: PA32-301FT S/N: 3232026 REG. NO: 621LP ENGINE MAKE: LYCOMING ENGINE MODEL: 10-540-K1G5 ENGINE SN: L-29451-48A  Page 1/1 W/O #: A01195 DATE: 04-18-2024 ENG TT: 1856.4 S256 Capital Circle SW Tallahassee, Florida 32310 Hobbs: 1856.4 A/C Tach:
A01195 (04-18-2024)  MAKE: Piper
MAKE: Piper
<ul> <li>Engine Entries</li> <li>Removed and replaced 12 spark plugs P/N REM38E Champion. Ref. Piper AMM 74-20-00. Cleaned #1 and 4 cylinder fuel nozzle.</li> <li>Ref. Piper AMM 73-10-00. Engine ground ran, operational check good.</li> </ul>
The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration, found to be in an airworthy condition and is approved for return to service. Details are on file at this facility under the Work Order number.  WORK ORDER: A01195
DATE: 04-18-2024 SIGNED: WORK ORDER: A01195  Erin Duebendorfer FAA Cert: 5FVR692B  WORK ORDER: A01195  Printed by EBIS (EBISCloud.com)

and Remarks Signature Certificates Certificates

Tail #: N621LP

Make & Model: Lycoming IO-540-K1G5

Serial #: L-29451-48A

PLANE CENTS
AERO SERVICES
(850) 759-9296

Date: 10/17/2024

Tach Time: 1857.8

Total Time: 1857.8/SMOH: N/A

#### **Engine Entry**

Compression check performed 1) 74 2) 72.3) 76 4) 74 5) 75 6) 76 over 80. No valve leaks heard. Timing checked and adjusted to RH 19.5. Drained oil. Cut and inspected filter, found ok. Serviced with 12 quarts of Aeroshell W100 Plus and a 48110 oil filter. Removed and inspected main suction screen, found ok. Removed, cleaned and inspected fuel inlet screen, found ok. Replaced all valve cover gaskets. Cleaned injectors. Replaced wiring harness. Replaced Adel clamps on fuel injector lines. Replaced #2 intake gasket. Reinstalled LH Slick Magneto after 500 hour inspection IAW MFR's service instructions, by Aircraft Magneto Service. Complied with AD 99-04-04, Slick Magneto, by 500 hour inspection IAW MFR's service instructions. Next due 2107.8 tach time. Effective date 2/25/99. Complied with AD 15-19-07, Fuel Injector Lines and Clamps, by replacing Adel clamps. Next due 1967.8 tach time. Effective date 11/03/15. Operational leak check performed, no leaks found. I CERTIFY this ENGINE has been inspected in accordance with an ANNUAL inspection and was found to be AIRWORTHY.

Date: October 17, 2024

SIGNED

Michael D Gambrill A&P 3691683 IA

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer overhaul limits direct drive overhaul manual 60294-7 & FAA Regulations. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 29511

 MAKE
 LYCOMING
 MODEL
 IO-540-K1G5

 S/N
 L-29451-48A
 TOTAL TIME

 TSMOH
 0.0
 TBO
 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Authorized Signature
3/26/2025

Date

Test Ran Lycoming IO-540-K1G5 Engine Serial Number L-29451-48A for 2 hours 15 minutes, RPM 2700, oil pressure 81 lbs., oil temperature 205 degrees, CHT 321. Magneto check at 2100 RPM, L 80 RPM, R 80 RPM. Compression test cylinder #1 78/80 #2 78/80 #3 77/80 #4 78/80 #5 77/80 #6 78/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 29511

Signed: Whom M. flesher Date: 03/26/2025

Engine Logbook Date: 4/9/2025 **AiMart** 

		AINCHALL SALES & BROKERAGE
Reg No: N621LP	Aircraft type: PA-32-301FT	Aircraft S/N: 3232026
Tach: N/A	Hobbs: 1865.5	Aircraft Total Time: 1865.5
Engine Total Time: 1865.5	Engine SMOH: 0	Engine S/N: L-29451-48A
Propeller Total Time: 1865.5	Propeller SMOH: 7.7	Propeller S/N: HK979B

- Removed engine and sent to Triad Aviation Inc. in Burlington, NC, Repair Station #PP4R448M. Engine OVERHAULED under WO # 29511, see engine entry from Triad for details.
- Installed engine on airframe with existing shock mounts which were in good condition, and with new mount hardware. Engine hoses were duplicated by AERO hose shop under sales order reference H55466-1, new starter P/N: 149-24PM, overhauled alternator P/N: ES4011-1, S/N: H072132 by Aerotech of Louisville under WO# 162990. Engine pre-oiled per EMM with Aeroshell 100 Mineral oil for break-in purposes. Installed existing propeller and governor recently overhauled by Air Prop Specialists under work order 24-2455, lubricated propeller per servicing placard, SMOH for propeller and governor at this time is 7.7 hours Hobbs.
- Installed new engine side control rod ends for throttle, mixture, and prop.
- 4. Complied with AD2015-19-07 at engine installation by visual inspection per Lycoming MSB No. 342G. Re-inspect after any maintenance is done on the engine where any clamp on a fuel injector fuel line was disconnected, moved, or loosened, and within every 110 hours TIS and after engine overhaul. No discrepancies noted, next due at Hobbs: 1975.50 or next maintenance event.
- 5. Ground run performed, ops and leak check performed, no discrepancies noted.
- 6. Installed 6 new Alcor EGT probes P/N: 86255 per STC SA522SW.
- 7. Installed new Brackett induction filter BA-3.
- 8. I certify that this aircraft/engine/propeller has been inspected in accordance with an Annual Inspection and found to be in airworthy condition. Inspection, lubrication, and servicing performed in accordance with FAR 43 appendix D, using the PA-32-301FT Maintenance Manual inspection guide as a reference, and Lycoming IO-540 engine manual. All applicable ADs complied with.

This 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: April 9th, 2025

Signed: Robert Crawford AP/IA 3895252

#### **Engine Logbook**

Date: Sentember 22, 2025



Date: September 22, 2025		AIRONAFT ORLEG & DITOTAL
Reg No: N621LP	Aircraft Type: PA31-301FT	Aircraft S/N: 3232026
Tach Hours: N/A	Hobbs: 1893.3	Aircraft Total Time: 1893.3
I dell nouls. N/A	1102031 200010	

- Performed compressions test M/O 45/80 1:74/80 2:76/80 3:75/80 4:74/80 5:75/80 6:78/80.
- Cut and inspected oil filter found no discrepancies at this time. Installed new Tempest oil filter P/N AA48110-2.

This 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.