# AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG



# ENGINE DATA

1.	Make	LYCOVIVI C
2.	Model	0-360-AAM
3.	Specification	
4.	Manufacturer's Serial Number	L-41697-36E
5.	Date of Manufacture	2010

### Section 3A: En D&J Aviation Maintenance LLC DATE TIME RUN 1321 Apopka Airport Road hangar 81, Apopka, FL. 32712 RFORME 1 HOURS N514C Eng SN: L-41697-36E TSN: 695.3 TMOH: 695.3 tach: 695.3 ENT) BROUGHT July 27, 2023 Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None found. Installed new oil filter PN AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:73 2:71 3:76 4:73 engine temp was between 150 to 170 deg during cks. Performed engine run, leak and operational check .All maintenance was performed IAW Piper, Lycoming service manuals. I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time. Certificate Type & Number Donovan Wood, Technician Jaryd Sanchez A&P 4750822 J Roy Hrytzay A&P/IA 3285708 D&J Aviation Maintenance LLC 1321 Apopka Airport Road hangar 81, Apopka, FL. 32712 N514C Eng SN: L-41697-36E TSN: 742.7 TMOH: 742.7 tach: 742.7 Aug 21, 2023 Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals drained and refilled oil with 6 quarts AW 20W-50. All maintenance was performed IAW Piper, Lycoming service manuals. I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time. Certificate Type & Number Jaryd Sanchez A&P 4750822 D&J Aviation Maintenance LLC 1321 Apopka Airport Road hangar 81, Apopka, FL. 32712 N514C Eng SN: L-41697-36E TSN: 789.1 TMOH: 789.1 tach: 789.1 Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None found. Installed new oil filter PN AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:77 2:77 3:78 4:74 engine temp was between 150 to 170 deg during cks. Performed engine run, leak and operational check .All maintenance was performed IAW Piper, Lycoming service manuals. I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time. Certificate Type & Number Jaryd Sanchez A&P 4750822 THIS PAGE J Roy Hrytzay A&P/IA 3285708 TOTALS. **PREVIOUS** TOTALS CARRY FORWARD to Top of Next Page

SINCE NEW

J Aviation Maintenance LLC		
1 Apopka Airport Road hangar 81, Apopka, FL. 32712		
14C Eng SN: L-41697-36E TSN: 837.6 TMOH: 837.6 tach: 837.6  1. 18, 2023 formed 50-hour inspection in accordance with Piper's Service Maintenance mulls drained oil and removed oil. Filled with 6 quarts of Phillips AW 20w50  Performed engine run, leak and operational check. All maintenance was formed IAW Piper, Lycoming service manuals.  Triffy this aircraft engine was inspected in accordance with FAR part 43	NAME/ SIGNATURE	LICENCE: AMEOR AMO/ACA
endix D,43.15 c and found air worthly at this time.		
Michael Nave Technician/Commercial Pilot 4355334		
D&J Aviation Maintenance LLC  1321 Apopka Airport Road hangar 81, Apopka, FL. 32712  N514C Eng SN: L-41697-36E TSN: 870.9 TMOH: 870.9 Tach: 870.9  Oct 4, 2023  Performed 100-hour inspection in accordance with Piper's Service  Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None found. Installed new oil filter PN  AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:79 2:78 3:78 4:78 engine temp was between 150 to 170 deg during cks. Performed engine run, leak and operational check. All maintenance was performed IAW Piper, Lycoming service manuals.  I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.  Certificate Type & Number  E. Michael Nave Technician/Commercial Pilot 4355334  Jaryd Sanchez A&P 4750822  J. Roy Hrytzay A&P – IA3285708		
D&J Aviation Maintenance LLC  1321 Apopka Airport Road hangar 81, Apopka, FL. 32712  N514C Eng SN: L-41697-36E hobs: 1046.1 TTIS: 922.4 tach: 922.4  OCT 19, 2023  Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil. Filled with 6 quarts of Phillips AW 20w50 oil. Performed engine run, leak and operational check .All maintenance was performed IAW Piper, Lycoming service manuals.  I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.3  I certificate Type & Number  Certificate Type & Number  Mike Oakleaf A&P 2695907  J Roy Hrytzay A&P/IA 3285708	15	
	N514C Eng SN: L-41697-36E TSN: 870.9 TMOH: 870.9 Tach: 870.9  Oct 4, 2023  Performed 100-hour inspection in accordance with Piper's Service  Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None found. Installed new oil filter PN  AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:79 2:78 3:78 4:78 engine temp was between 150 to 170 deg during cks. Performed engine run, leak and operational check. All maintenance was performed IAW Piper, Lycoming service manuals. I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.  Certificate Type & Number  E. Michael Nave Technician/Commercial Pilot 4355334  Jaryd Sanchez A&P 4750822  J. Roy Hrytzay A&P – IA3285708  D&J Aviation Maintenance LLC 1321Apopka Airport Road hangar 81, Apopka, FL. 32712  N514C Eng SN: L-41697-36E hobs: 1046.1 TTIS: 922.4 tach: 922.4  OCT 19, 2023  Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals operational check. All maintenance was performed IAW Piper, Lycoming service manuals operational check. All maintenance was performed IAW Piper, Lycoming service manuals cand found air worthy at this time.  Certificate Type & Number  Licertify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.:  1 certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.:  1 certificate Type & Number  Allo Ockleaf A&P 2695907	I Apopka Airport Road hangur 81, Apopka, FL. 32712  I4C Eng SN: L-41697-36E TSN: 837.6 TMOH: 837.6 tach: 837.6  18, 2023  formed 50-hour inspection in accordance with Piper's Service Maintenance formed 50-hour inspection in accordance with Piper's Service Maintenance was formed 1AW Piper, Lycoming service manuals. rifty this aircraft engine was inspected in accordance with FAR part 43 endix D.43.15 c and found air worthy at this time.  ifficate Type & Number (ichael Nave Technician/Commercial Pilot 4355334

		D&J AVIATION IVIAINITE LLC.	
Section 3	3 <b>A</b>	1321 Apopka Airport Road Hangar 81. Apopka FL, 32746.	
		Engine 100 Hour N514C SN 28-43684; Eng SN 1-41697-36E; Eng TTIS 959.1; Eng TSOH 959.1;	
DATE	T	Tach 959.1; November 3, 2023	
DATE		to a linear to a coordance with Piner/Lycoming Service	
1 1	Н	Maintenance Manuals and checklists. Drained oil and removed oil filter; cut, PLACEMENT)	
BROUGHT _		inspected, no contaminants found. Installed oil filter AA48110-2, torqued	_
FORWARD	_	and safety wired. Filled with 7 quarts Phillips AW 20W50 Oil. Removed,	
		cleaned, inspected, gapped, tested, and reinstalled all spark plugs. Timed	
		mags 25 deg BFTD. Performed compression checks: 1: 76, 2: 78, 3: 78, 4: 72.	
	-	Performed engine run; leak and operational check good.	-
		I certify this aircraft engine has been inspected in accordance with FAR part	
		43 appendix D, 43.15 c and found to be airworthy at this time.	
		43 appendix D, 43.13 c and round to be an inverse,	
	+	Certificate type & number	
		Jaryd Sanchez A&P 4750822 (1 F. Michael Nave Technician / Commercial Pilot 4355334 M	
		F. Michael Nave Technician / Camina to a	
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		[사용] [18] 18] 18] 18] 18] 18] 18] 18] 18] 18]	
	+	D&J Aviation Maintenance LLC	
		1321 Apopka Airport Road hangar 81, Apopka, FL. 32712	
		2007 005 h. h. 1122 7 TTIS: 1001 4 tach: 1001 4	
		N514C Eng SN: L-41697-36E hobs: 1133.7 TTIS: 1001.4 tach: 1001.4	
		Nov. 21, 2023 Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals	_
	1 - 40		
	- 69	operational check .All maintenance was performed IAW Piper, Lycoming service manuals.	
		I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15	
		c and found air worthy at this time.	-
		Certificate Type & Number	1
		Donovon Wood /Tech	
		J Roy Hrytzay A&P/IA 3285708	
			- 5
		D&J Aviation Maintenance LLC.	
		1321 Apopka Airport Road Hangar 81. Apopka FL, 32712.	-
		Engine Annual N514C SN 28-43684; Eng SN L-41697-36E; Tach 1006.4; Eng TTIS 1006.4; Eng TSOH	
	A. L.	1006 A: December 1, 2023	
		Performed ANNUAL inspection in accordance with current Piper/Lycoming Service	
		Maintenance Manuals and checklists. Drained oil and removed oil hiter; cut,	- 1
	-4,23	inspected, no contaminants found, Installed oil filter AA48110-2, torqued and safety	
		wired Remove and flush oil cooler. Filled with 7 quarts Phillips AW 20W50 Oil.	
		Pemoved, cleaned, inspected, gapped, tested, and reinstalled all spark plugs. Timed	
	1 1 2 a	mags 25 deg BFTD. Performed compression checks: 1: 74, 2: 78, 3: 77, 4: 76.	
	100	Performed engine run; leak and operational check good.	
		I certify this aircraft engine has been inspected in accordance with FAR part 43 appendix D, 43.15 c and found to be airworthy at this time.	
	-	appendix D, 43.15 c and round to be an wording at this date.	No.
		Certificate type & number	
		Jaryd Sanchez A&P 4750822	
	1	July Julian Compagnial Dilat 4255334	1
		E Michael Nove Technician / Commercial Flot 40000	11
		E. Michael Nave Technician / Commercial Pilot 4355334	1
THIS PAGE TOTALS		J. Roy Hrytzay A&P/IA 3285708	9
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	D&J Aviation Maintenance LLC. 1321 Apopka Airport Road Hangar 81. Apopka FL, 32712. N514C Eng SN L-41697-36E Tach 1043.1 Eng TTIS 1043.1 Eng TSOH 1043.1 Jan 8, 2024	enigo E	A2
	Performed 50 Hour Inspection in accordance with Piper Service Maintenance Manual. Drained oil, filled with 6 qts Phillips Victory AW SAE 20w50 oil. Performed engine run, leak, and operational check good.  I certify this aircraft engine has been inspected in accordance with FAR part 43 appendix D, 43.15 c and found to be airworthy at this time.  Certificate type & number	NAME/ SIGNATURE	LICENCE: AMEOR AMO/ACA
	Jaryd Sanchez A&P 4750822		
	-		
•			
	D&J Aviation Maintenance LLC 1321 Apopka Airport Road hangar 81, Apopka, FL. 32712		
	1021 Apopka Air port Roda Harigar 81, Apopka, FL. 32/12		
	N514C Eng SN: L-41697-36E TSN: 1094.5 TMOH: 789.1 tach: 1094.5		
	Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals		
	grained oil and removed oil filter. Cut and inspect oil filter medium for conteminant at		
	Tourid, histalied new oil filter PN AA48110-2. Torqued and safety wired Filled with 7 avents		
	of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression		
	Checks. 1:78 2:73 3:76 4:72 engine temp was between 150 to 170 deg during cks. Porformed		
	engine run, leak and operational check. All maintenance was performed IAW Piper,  Lycoming service manuals.		
	I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.		
	Certificate Type & Number		
	Tech: Donovon Wood  J Roy Hrytzay A&P/IA 3285708		15
	Dambon Week		
	D&J Aviation Maintenance LLC.		
	1321 Apopka Airport Road Hangar 81. Apopka FL, 32712.		
	N514C Eng SN L-41697-36E Tach 1143.6 TTIS 1143.6 TSOH 1143.6		
	March 6, 2024 Performed 50 Hour Inspection in accordance with Piper Service Maintenance		
	Manual. Drained oil, filled with 6 qts Phillips Victory AW SAE 20w50 oil.		
	Performed engine run, leak, and operational check good.	aut 12	
	I certify this aircraft engine has been inspected in accordance with FAR p appendix D, 43.15 c and found to be airworthy at this time.	att 45	
•	Certificate type & number		
	Jaryd Sanchez A&P 4750822 (		
* * *			
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## Section 3A: Engine Service and Maintenance Log

DATE	TIME RUN	TIME SINCE OVERH	AUL	CY	CLES	
3/3/	HOURS min	HOURS	min	S u b Total	TOTAL	DESCRIPTION OF WORK PERFORME (INSPECTION, REPAIRS, REPLACEMENT)
BROUGHT						
	1321 A Engine N514C 1183.9 Perfore Mainte inspec wired. gappe compre operar ! certif apper Certifi	; March 18, 2 med 100-hou enance Manu ted, no conta Filled with 7 d, tested, and ession check tional check §	t Road  t; Eng  2024  Ir insplicate animal quart direins s: 1: 7 good.  ft enging c and number & P 26	SN L-41 Dection in the check of	n accordance lists. Drained d. Installed of s AW 20W50 Il spark plugs , 3: 74, 4: 75.	with Piper/Lycoming Service oil and removed oil filter; cut, iil filter AA48110-2, torqued and safety Oil. Removed, cleaned, inspected, i. Timed mags 25 deg BFTD. Performed Performed engine run; leak and ed in accordance with FAR part 43 hy at this time.
	1160 Engi N51 1224 Perfo Man	1.5; April 08, ormed 50 Ho	Sanfor 584; Er 2024 ur Insp oil, fill	ng SN L-4 pection i	773 41697-36E; 1 in accordance 6 qts Phillips	224.5; Eng TTIS 1224.5; Eng TSOH  with Piper Service Maintenance Victory AW SAE 20w50 oil. Performed
	l cerr appe retui Certi Josh	tify this aircra	aft endo	gine has d Aircra	s been inspect ft Airworthy	in reference to work performed and
					/	
THIS PAGE TOTALS PREVIOUS TOTALS						

	NAME/ SIGNATURE	AMEOR AMO/ACA
D&J Aviation Maintenance LLC 1164 Spinner Lane, Sanford, Florida 32773		
N514C Eng SN: L-41697-36E TSN: 1276.7 TMOH: 1276.7 tach: 1276.7  May 13,2024  Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants.  None found. Installed new oil filter PN AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:74 2:72 3:72 4:75 engine temp was between 150 to 170 deg during cks. Installed new air filter PN AA617058. Performed engine run, leak and operational check .All maintenance was performed IAW Piper, Lycoming service manuals.  I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.  Certificate Type & Number		
Michael D Oakleaf A&P 2695907		
D&J Aviation Maintenance LLC 1164 Spinner Lane, Sanford Florida 32773  N514C Eng SN: L-41697-36E hobbs: 1541.2TTIS: 1336.9 tach: 1336.9  June 01.2024 Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil. Filled with 7 quarts of Phillips AW 20w50 oil. Performed engine run, leak and operational check good.	Ett Wir	AP4191133I
I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.	June 1, 20	) <sup>4</sup>
Certificate Type & Number Ethan Nicole A&P 4191133IA		
D&J Aviation Maintenance LLC 1321 Apopka Airport Road hangar 81, Apopka, FL. 32712		
N514C Eng SN: L-41697-36E TSN: 1370.3 TMOH: 1370.3 tach: 1370.3  12 June 2024 Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None found. Installed new oil filter PN AA48110-2. Torqued and safety wired. Filled with 7 quarts of Phillips AW 20w50 oil. Removed all spark plugs. Installed 8ea new Spark plugs PN UREM38E, gapped and installed all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression checks. 1:68 2:70 3:76 4:70 engine temp was between 150 to 170 deg during cks. Performed engine run, leak and operational check .All maintenance was performed IAW Piper, Lycoming service manuals.		
I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.  Certificate Type & Number		

Michael Oakleaf A&P #2695907

## Section 3A: Engine Service and Maintenance Log

DATE	TIME RUN	TIME SINCE OVERHAUL	C.	YCLES	
1 1	HOURS min	HOURS min	Sub Total	TOTAL	DESCRIPTION OF WORK PERFORME (INSPECTION, REPAIRS, REPLACEMENT)
BROUGHT —	N514C EN 21 June 2 Removed P/N off A work per checked g Aircraft of	d and Replaced C V10-6102 S/N of formed I.A.W Pip	nce LLC ford, Flo 6E tach: 1 arbureto f: AV112: per's Serv	383.0 Hobbs: r with service 7441. P/N on rice Maintena	1588.4  able overhauled unit. MA-4-5 S/N on MS1B6512. All nce Manual. Operational and leak
S	1321 Apopka N514C Eng S August 22, 20 Performed 1 drained oil a found. Instal of Phillips AV reinstalled a checks. 1:76 engine run, I Lycoming se I certify this c and found Certificate	024 00-hour inspection nd removed oil filt led new oil filter P N 20w50 oil. Remo Il plugs to torque s 2:76 3:76 4:77 eng leak and operation ervice manuals.	N:1466.5 in in according Cut an N AA4811 oved all specs. Time temp all check. It is inspected time.	TMOH:1466.51  dance with Pipe d inspect oil fil  0-2. Torqued a park plugs. Clea ed mags to 25 was between 1  All maintenance	ach:1466.5 hobs:1688.1  r's Service Maintenance Manuals ter medium for contaminants. None and safety wired. Filled with 7 quarts aned, inspected, gapped and deg BFTD. Performed Compression 50 to 170 deg during cks. Performed e was performed IAW Piper,  e with FAR part 43 appendix D,43.15
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TOTALS			7 - 5-		CARRY FORWARD to Top of Next Page

	NAME/	
N514C Eng SN: L-41697-36E Hobbs: 1747.6.2 TTIS: 1525.5 tach: 1525.5 23 SEP.2024 Performed 50-hour inspection in accordance with Piper's Service Maintenance Manuals drained oil. Filled with 7 quarts of Phillips AW 20w50 oil. Performed engine run, leak and operational check good.  certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time.  Certificate Type & Number FAA P # 4947407 Clayton Keebler	SIGNATURE	AMO/ACA
Removed and replaced new O/H carburetor, And Carb Heat/Airbox Gasket In reference to		
<del> </del>		
- //a Hm/uul		
	being like in	
	January Con	
— D&J Aviation Maintenance LLC		
		NATURE AMEOR
		REPORT
N514C Eng SN: L-41697-36E Hobbs: <b>1747.6.2</b> TTIS: <b>1525.5</b> tach: <b>1525.5</b>		
23 SEP.2024		
Performed 50-hour inspection in accordance with Piper's Service		
Maintenance Manuals drained oil. Filled with 7 quarts of Phillips AW 20w50		
oil. Performed engine run, leak and operational check good.		
I certify this aircraft engine was inspected in accordance with FAR part 43		
appendix D,43.15 c and found air worthy at this time.		
_		
Certificate Type & Number		
FAA P # 4947407 Clayton Keebler		
— A/P-IA #325708 J Roy Hrytzay		
D&J Aviation Maintenance LLC		
— 1164 Spinner Lane ,Sanford FL.32773		
N514C Eng SN: L-41697-36E TSN: 1552.5 TMOH: 1552.5 tach: 1552.5		
— 16 OCT 2024  Parformed 100 hour inspection in accordance with Piner's Service Maintenance Manuals		
Performed 100-hour inspection in accordance with Piper's Service Maintenance Manuals  drained oil and removed oil filter. Cut and inspect oil filter medium for contaminants. None		
was found. Installed new oil filter PN AA48110-2. Torqued and safety wired. Filled with 7		
quarts of Phillips AW 20w50 oil. Removed all spark plugs. Cleaned, inspected, gapped and		
reinstalled all plugs to torque specs. Timed mags to 25 deg BFTD. Performed Compression		
checks. 1:73 2:73 3:72 4:70 engine temp was between 150 to 170 deg during checks.  Performed engine run, leak and operational check. All maintenance was performed IAW		
Piper & Lycoming service manuals. All AD's complied with at this time.		
I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15		d was see
c and found air worthy at this time.		
Certificate Type & Number		

A&P/IA #3285708

Claton Keebler P #4947407 J Roy Hrytzay A&P/IA 3285708

### Section 3A: Engi **D&J Aviation Maintenance LLC** DATE 1164 Spinner Lane, Sanford Florida 32773 TIME RUN ORME HOURS | min | N514C Eng SN: L-41697-36E Hobbs: 1822.1 TTIS: 1578.5 tech: 1578.4 BROUGHT 25 Oct 2024 Performed 50-hour Oil Change in accordance with Piper's Service Maintenance Manuals drained oil. Filled with 7 quarts of Phillips AW 20w50 oil. Performed engine run, leak and operational check good. I certify this aircraft engine was inspected in accordance with FAR part 43 appendix D,43.15 c and found air worthy at this time. Certificate Type & Number FAA P # 4947407 Clayton Keebler Clayton Kreden D&J Aviation Maintenance LLC 1164 Spinner Lane, Sanford, Florida 32773 N514C ENG SN: L-41697-36E tach: 1595.7 Hobbs: 1844.3 08 NOV 2024 Removed and Replaced Marvel-Schebler Carburetor with serviceable overhauled unit. P/N off 10-5193 S/N off: MS1B6512 P/N on 10-5193 on MS1CY207. All work performed. I.A.W Piper's Service Maintenance Manual. The operational and leak checked good. Aircraft return to service Certificate Type & Number A&P/IA # 328708 J.Roy Hrytzay D&J Aviation Maintenance LLC 1164 Spinner Lane, Sanford Florida 32773 N514C SN.28-43684 Hobbs: 1875.3 TTIS: 1621.2 tach: 1621.2 Nov 26 2024 Performed 50-hour Oil Change per Piper maintenance manual. Drained oil and Added 6 quarts victory AW 20w50 . Performed engine run/leak and operational check Satisfactory. I certify this aircraft engine has been inspected in accordance with FAR part 43 appendix D, 43.15 c and found to be airworthy at this time. Certificate type & number Clayton Keebler FAA P# 4947407 Capton Keekler

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SINCE NEW

N514C Eng SN L-41697-36E Tach 1634.2 TTIS 1634.2 TSOH 1634.2  January 6, 2025  Performed Annual/100-hour inspection in reference to Piper/Lycoming Maintenance Manuals and checklists. Drained oil and removed oil filter; cut, inspected, no contaminants found. Installed oil filter AA48110-2, torqued, and safety wired. Filled with 7 quarts Phillips AW 20W50 Oil. Removed, cleaned, inspected, gapped, tested, and reinstalled all spark plugs. Replaced faulty plug on cylinder 4 top with new Tempest UREM38E plug. Timed mags 25 deg BFTD. Performed compression checks: 1: 79 2: 74 3: 77 4: 76. Performed engine run; leak and operational check	NAME/ SIGNATURE	LICENCE: AMEOR AMO/ACA	
good.  I certify this aircraft engine has been inspected in accordance with FAR appendix D, 43.15 c and found to be airworthy at this time.  Certificate type & number Ethan Nicol A&P4191133IA Jaryd Sanchez A&P 4750822  Das Aviation Maintenance LLC.  1321 Apopka Airport Road Hangar 81. Apopka FL, 32712.  N514C Eng SN L-41697-36E Tach 1728.7 Eng TTIS 1728.7 Eng TSOH 1728.7  04/04/2025	3 1 4	ed as neces as tested in proved for ggle Magnet Bendir	MAINTENANCE REAL
Performed 100-hour inspection in accordance with Piper/Lycoming Maintenan Manuals and checklists. Drained oil and removed oil filter; cut, inspected, no contaminants found. Installed oil filter AA48110-2, torqued and safety wired. Fi with 7 quarts Phillips AW 20W50 Oil. Removed, cleaned, inspected, gapped, test and reinstalled all spark plugs. Performed compression checks: 1: 70, 2: 72, 3: 776. Replaced left and right magnetos with repaired units provided by Eagle Magnetos Inc: Left Mag P/N: 4371 S/N: 98091247; Right Mag P/N: 4370 S/N: 10050287. Timed mags 25 deg BFTD. Performed engine run; leak and operations check good. AD research showed no AD's due at this time.  I certify this engine has been inspected in accordance with a 100 Hour Inspectic and was found to be in airworthy condition.  Certificate type & number  Jason Clark A&P 3655234  Andreas Pringle A&P 4127985  Kyle Adderley A 5072406	E C S E S	n to se	Armain Mr. Manual
D&J Aviation Maintenance LLC.  1321 Apopka Airport Road Hangar 81. Apopka FL, 32712.  N514C Eng SN L-41697-36E Tach 1775.4 TTIS 1775.4 TSOH 1775.4  May 5th, 2025  Drained engine oil and removed oil filter. Examined filter for debris, none found Installed new oil filter, P/N A48110-2 and serviced engine with 7 QTS of Phillip 20W50 Victory Oil. Operational and leak check satisfactory at this time.  Work was performed in reference to Lycoming Direct Drive MX Manual, PPA28-181 MX Manual, and AC 43.13(b).  Forrest Benson A&P 3733746			

## Section 3A: Engine Service and Maintenance Log

DATE	TIME RUN	TIME SINCE OVERHAUL	CY	CLES	
1 1	HOURS min	HOURS min	S u b Total	TOTAL	DESCRIPTION OF WORK PERFORME (INSPECTION, REPAIRS, REPLACEMENT)
BROUGHT -					
	1321 / N5140 June 1 Perfor Maint inspect wired. gappe compropera I certi appen	to, 2025  med 100-hour in enance Manuals  ted, no contamile Filled with 7 qua d, tested, and re ression checks: 1 tional check good fy this aircraft er	aspection and chech arts Philli installed : 76, 2: 78 d. agine has ad found ber	in accordancklists. Drain and Installed ps AW 20W! all spark plu 8, 3: 78, 4: 7	ce with Piper/Lycoming Service ed oil and removed oil filter; cut, di oil filter AA48110-2, torqued and safety 50 Oil. Removed, cleaned, inspected, gs. Timed mags 25 deg BFTD. Performed 2. Performed engine run; leak and cted in accordance with FAR part 43 rthy at this time.
)	1321 Ap N514C E June 11 Pilot rep inspecte with new reference defects Aircraft Certifica Jason Cl	, <b>2025</b> ported engine RP ed, gapped, teste w P/N: UREM38E ce with Piper/Lyc	Ms dropp d, and re . Timed r oming M	1824.9 TTIS bed when sta installed all mags 25 deg	arting to taxi. Removed, cleaned, spark plugs. Replaced 3ea spark plugs. BFTD. All maintenance performed in Manual. Operational check good, no
				37	
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TABLE OF THE PROPERTY OF THE P	NAME/ SIGNATURE	AME or AMO/ACA
D&J AVIATION LLC.		
1321 Apopka Airport Road Hangar 81. Apopka FL, 32712.		
Engine 100 Hour		
N514C Eng SN L-41697-36E; Tach 1920.1 Prop TTIS 1920.1; Eng TSOH 1920.1 July		
30, 2025	*	
Performed 100-hour inspection in accordance with Piper/Lycoming Service		
Maintenance Manuals and checklists. Drained oil and removed oil filter; cut,		
inspected, no contaminants found. Installed oil filter AA48110-2, torqued and safety wired. Filled with 7 quarts Phillips AW 20W50 Oil. Inspected/Serviced spark plugs.		
Timed mags 25 deg BFTDC. Performed compression checks: 1: 79/80, 2: 72/80, 3:		
79/80, 4: 72/80. Performed engine run; leak and operational check good.		
I certify this aircraft engine has been inspected in accordance with FAR part 43		
appendix D, 43.15 c and found to be airworthy at this time.		
Certificate type & number		-
Robert Rojo A&P 3375716IA		
Kyle Adderley A 5072406		
D&J Aviation LLC.		
1164 Spinner Ln, Sanford, FL. 32773.		
N514C Eng SN L-41697-36E Tach 2014.7 TTIS 2014.7 TSOH 2014.7		
October 6 2025 Performed 100-hour inspection in reference to Piper/Lycoming Maintenance Manuals		
and checklist, Drained oil and removed oil filter; cut, inspected, no contaminants		
found Installed oil filter AA48110-2, torqued, and safety wired. Filled with 7 qualis		
phillips AW 20W50 (ii) Removed cleaned inspected, gapped, tested, and		
rejectabled all snark plugs Replaced Lea Tempest UREM38E spark plug. Hincu		
mags 25 deg BFTD. Performed compression checks: 1: 76/80 2: 74/80 3. 70/80 4.		
71/80. Performed engine run; leak and operational check good.  I certify this aircraft engine has been inspected in accordance with FAR part 43		
appendix D, 43.15 c and found to be airworthy at this time.		
Certificate type & number		
Jarya Sanchez A&P 4750822 A		
_ Blake Burgett Technician		
D&J Aviation LLC.		
1164 Spinner Ln, Sanford FL. 32773		
N514C SN L-41697-36E Tach 2076.2 TTIS 2076.2 TSOH 2076.2		
November 14 <sup>th</sup> , 2025		
Performed 50 Hour Inspection in reference with Piper and Lycoming Maintenance Manuals. Drained oil, filled with 6 qts Phillips Victory AW SAE 20w50 oil.		
Performed engine run; leak and operational check good.		
<ul> <li>I certify this aircraft engine has been inspected in accordance with FAR part 43</li> </ul>		
appendix D, 43.15 c and found to be airworthy at this time.		
Certificate type & number		
Stuart Lankester A&P 4506540		
Scott Rine A&P 593320353 South his		