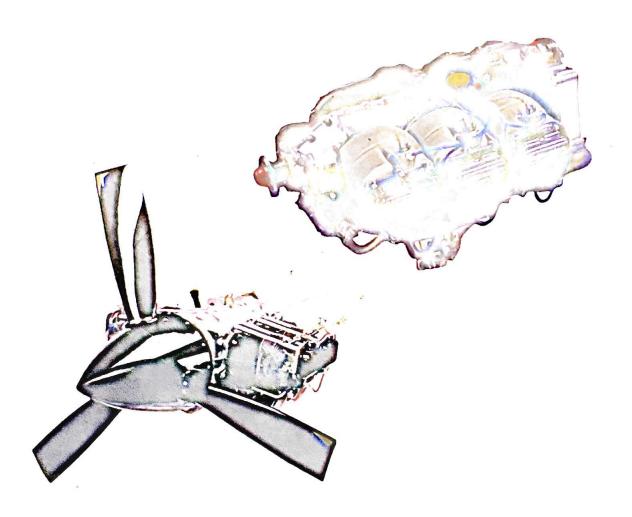
ENGINE MAINTENANCE RECORDS





Shipping Address: 2505 W. Broadway, Collinsville, OK 74021 ■ Mailing Address: P.O. Box 582453, Tulsa, OK 74158-2453

Toll Free 888 371-1371 ■ 918 371-3000 ■ FAX 918 371-3041 ■ Look us up at www.overhaul.com ■ E-Mail: info@overhaul.com

FAA Certified Repair Station IAXR223L

LIMITED WARRANTY

To: Chad Tremie Aircraft: Cessna 172M Model: O-320-E2D Registration: N80286 Serial Number: L-22162-27A Tach or Hobbs:

Work Order: 819110 Date of Overhaul: 10-10-2019

AMERICA'S AIRCRAFT ENGINES, INC. warrants this engine to be free from defects in materials and workmanship by America's Aircraft Engines, Inc. for TWENTY-FOUR (24) months or 1000 hours, whichever occurs first. Accessories will be warranted by respective vendors.

This engine, excluding accessories, is further warranted to be free from defects in materials furnished by America's Aircraft Engine's, Inc. until T.B.O. on a pro-rated basis on parts. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Replacement or repair of engine, component, or parts under this Limited Warranty will not extend the warranty period. Installation or removal costs are excluded under pro-rated portion. Cracked cylinders and cracked crankcases excluded from all warranty unless it can be determined that they are a direct result of improper assembly.

To exercise this Limited Warranty, America's Aircraft Engines, Inc. must be promptly notified of the discovery of any defect or failure by call or letter fully describing such defect or failure to:

America's Aircraft Engines, Inc. PO Box 582453, Tulsa, OK 74158 918-371-3000

All warranty work is to be accomplished in Collinsville, Oklahoma by America's Aircraft Engines, Inc. unless approval is granted in writing by America's Aircraft Engines, Inc. for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. America's Aircraft Engines, Inc. reserves the right to furnish any or all parts thereof.

America's Aircraft Engines, Inc. is not responsible for any consequential loss associated with any failure or defect under this Limited Warranty and no allowance will be made for down time, loss of use, hotel, freight, transportation or any other incidental expense directly or indirectly associated with such defect or failure.

This Limited Warranty is expressly in lieu of all warranties and representations, expressed or implied in fact or by law including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. The work to which this Limited Warranty applies is deemed to have been accomplished in Collinsville, Oklahoma and in the event of a dispute on this Limited Warranty, the laws of the State of Oklahoma shall apply and any litigation shall be maintained only in the State of Oklahoma in a court of Competent Jurisdiction.

This Limited Warranty gives you specific rights and may be transferred only by express permission in writing by America's Aircraft Engines, Inc.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
		MAKE SERIAL TIME SN	# L	ycoming MODEL O-320-E2D -22162-27A DATE 10-10-2019 0 TOTAL TIME 6035.1
		recomme contained	nded procedure I in engine man	ines, Inc. certifies that this engine has been disassembled, overhauled and tested in accordance with es and all clearances and tolerances are within specified limits. Procedures and limits used are as suffacturers overhaul manual number 60294-7.
		current re	egulations of t	ines, Inc. certifies the engine identified above was overhauled and inspected in accordance with — the Federal Aviation Administration and is approved for return to service. Following A.D.'s EE NOTES.
		Pertinent	details of the o	verhaul are on file at America's Aircraft Engines, Inc. work order number 819110.
		Signed	Stephen D. Fo	For America's Aircraft Engines, Inc. PO Box 582453 Tulsa, OK 74158
		FORM A.	AE 101	CERTIFIED REPAIR STATION NO. IAXR223L
		LYCOM	ING C	O-320-E2D S/N: L-22162-27A W/O #: 819110 A.D. NOTES 10-10-2019
		A.D. 59- A.D. 63-2 A.D. 64- A.D. 66-2 A.D. 73-2 A.D. 75-(A.D. 87-)	10-07 N/A AFF 23-02 AMD 39 16-05 AMD 76 20-04 AMD 39 23-01 AMD 39 08-09 AMD 39 10-06 R1 AMD	SERIAL NUMBER. FECTED BAFFLE CLAMPS NOT INSTALLED627 N/A AFFECTED VALVES NOT INSTALLED. 5 N/A AFFECTED FUEL PUMP NOT INSTALLED277 N/A AFFECTED OIL FILTER NOT INSTALLED2804 N/A AFFECTED PISTON PINS NOT INSTALLED3013 N/A AFFECTED IMPELLERS NOT INSTALLED39-6293 N/A AFFECTED ROCKER ARMS NOT INSTALLED.
		A.D. 90-0 A.D. 92-1 A.D. 93-1 A.D. 95-2 A.D. 96-0 A.D. 97-1 A.D. 98-0	04-06 R1 AMD 12-05 AMD 39- 11-11 AMD 39- 26-02 AMD 39- 09-10 AMD 39- 15-11 AMD 39- 02-08 AMD 39-	239-6915 N/A NO PROP GOVERNOR LINE INSTALLED8265 N/A AFFECTED PISTON PINS NOT INSTALLED8584 N/A AFFECTED FUEL PUMP NOT INSTALLED9460 NO SIGN OF LOW OCTANE DAMAGE AT TEARDOWN9586 N/A AFFECTED IMPELLERS NOT INSTALLED10085 N/A AFFECTED PISTON PINS NOT INSTALLED10291 C/W BY AIRCRAFT SPECIALTIES INC10713 N/A AFFECTED CRANKSHAFT NOT INSTALLED.
		A.D. 2004 A.D. 2009 A.D. 2012	4-10-14 AMD 3 6-12-07 AMD 3 9-26-12 AMD 3 2-03-07 AMD 3	39-16151 N/A AFFECTED CRANKSHAFT NOT INSTALLED. 39-14632 N/A AFFECTED CYLINDERS NOT INSTALLED. 39-16151 N/A AFFECTED CYLINDERS NOT INSTALLED. 39-16948 N/A AFFECTED CARBURETOR NOT INSTALLED. 39-18988 N/A AFFECTED ROD BUSHINGS NOT INSTALLED.
		_ Ju	D. Fowler P	Foul- 477629769
ļ				SUB-TOTALS this page
				TOTALS-Carry forward to next page

Beard's Aircraft Services, LLC 9852 Robinson Road Bell City, LA 70630

10/23/19 Reg.# N80286 Cessna 172M
Textron Lycoming Engines
Engine Total Time 6035.1 SMOH: 0.0 O-320-E2D Eng. Serial # L-22162-27A

VORK

The same

Completed 100hr inspection this date in accordance with 14 CFR Part 43 Appendix D, and O-320 inspection checklist. Removed this engine on 8/19/19 and sent out for overhaul/160HP upgrade. Engine was overhauled by America's Aircraft Engines and returned to this facility on 10/14/19. Engine horsepower was increased to 160HP (5 min) IAW STC SE8987SW-D and installed IAW STC SA2375SW-D. Cylinder differential compression (IAW Lycoming Service Instruction No. 1191A) test not performed to this overhauled engine. Serviced the engine with 8 quarts Aeroshell W100 Plus oil. Engine test run shows no leaks and normal operation. All applicable AD's are in compliance. Refer to AD compliance report in aircraft record for current status of applicable AD's.

*I CERTIFY this FNGINE has been inspected in accordance with a 100 HOUR

inspection and was determined to be in AIRWORTHY condition.

Bruce A. Beard - A&P 3247387 10/23/19

Bruce A. Beard, Owner-A&P/IA Phone/Fax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com

CORROSION

SUB-TOTALS this page

				Page No			Page No	
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			DATE	TOTAL TIME IN SERVICE
12-2-19				TOTALS brought forward from previous page	6		aligners, and all the second second	i.
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1611.1			12-2-19 ACTT: 1611.1 Removed and Replaced			Dat	e 04/07/
				both upper engine mounts RHa Elth PIN.			Rer	moved S
				1-9615-49 installed new mounts PN J-9615-49				pected s ne <u>Skv</u>]
				1 ALT CESSIA 172-M Service manual chapter				t functio
			,	11. found servicable a determined arriborth.			mai	intenanc
				hat hote APSSTZOOG			Jad	le Guidry
12-5-19								
	1614.1			12-5-19 ACTT: 1614,1 Removed a Replaced Right				
				hand magneto - Due To INOP FUNCTION check				
				model # 4370 Serial # 39040173. Installed				
				Servicable Right hand magneto part # 4370				
				Serial # 18061271 750- & Timed both the				
				Left a Right magneta. Performed a ground				
		-		MAN function test No defects Noted Leaks				
				Work Done IAU - Lycoming operations manual				
				0-320 Specion 5				1
				A-P 5572006				+
								-
					7			-
		-	-					-
					<i>y</i>	1		
			-	SUB-TOTALS this page				
				TOTALS-Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	1			TOTALS brought forward from previous page
	05-04-2020	N80286	Tac	h1856.7 Hobbs 2339.7
	and installed	d a new ter eaned and oppression a ground stime.	mpest 4811 inspected s #1 78, #2 7 run/leak ch	pection per maintenance manual & FAR 43 D. Changed oil 10 oil filter, no contamination found, refilled with 7 quarts of XC spark plugs, check mag timing no defects noted, check hoses 18, #3 77, #4 78 and lines for torque, check muffler for cracks. The eck, tested all systems, all system operated normal no leaks Signe Signe
-				
	1			
-	05-04-2020)	N80286	Hobbs 2339.7 Tach 1856.7
	UNKNOWN TSO NEW	N due to no , TSI NEW instruction noted airc	ot starting. , CYL 0. Al ns provided raft was for	I work performed IAW Lycoming engine manual and SKYTEC with the starter. Performed an operational check of the starter and to be airworthy. Signed Signed
_				
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

No			•	
	В	eard's Ai	ircraft Services, LLC	NG WORK
A. C.		В	Bell City, LA 70630	
	6/26/	2020	Reg # N90295 Canana 47011	
		Textr	Reg.# N80286 Cessna 172M on Lycoming Engines	
Engine	Total Time 6165.	9 SMOH		
nagneto was v differential comp 79/80. Borescop quarts Aeroshell need to adjust a	vay off. Installed the pression (IAW Lycomin pe inspection revealed W100 Plus oil Engine	magnetos g Service II no appare e test run s	n accordance with 14 CFR Part 43 Appendix D, and O-320 inspection of or cold. Removed both magnetos and checked and re-set E-gap. LH is using new gaskes. Synchronized manetos to 25° BTC. Cylinder instruction No. 1191A) test as follows; #1 78/80; #2 78/80; #3 75/80; #4 ent defects. Installed a new oil filter and serviced the engine with 8 shows no leaks and normal operation. Engine now starts promptly, no e AD's are in compliance. Refer to AD compliance report in aircraft	
I CE	RTIFY this FNG	INF had	hoon increased :	
nspection an	d was determined	to be in	been inspected in accordance with a 100 HOUR AIRWORTHY condition.	
71	7/	to be iii	Anti-Coridition.	
2/4	A+P3	2473	87 6/26/2020	
Bruce A Re			0100/000	
	ard - AXP 30/73	227 6/26	1/2020	
400 A. De	ard - A&P 32473	387 6/26	5/2020	
	A Beard, Owner A& 1/1A			
			2020 [ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com	
			ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com	
			ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com	
Bruce A	A. Beard, Owner-Α&ΥΛΑ	Phone/F.	ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com	
Bruce A	A. Beard, Owner-A&P/IA SI West Aircraft Mainter 280 Gardner Dr	Phone/F	ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com CORROSION Archartad Application County Make: Lycoming	
Bruce A	A. Beard, Owner-A&P/IA S I West Aircraft Mainter 280 Gardner Dr New Century KS 660	Phone/F	ax: 337-598-4773, Mobile: 337-515-5643 Email: bruceabeard@wb4me.com CORROSION Archarted Application County Make: Lycoming Model: O-320-D3G	
Bruce A	A. Beard, Owner-A&P/IA SI West Aircraft Mainter 280 Gardner Dr	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E	
Bruce A	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A	
Bruce A	S J West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/024570	Phone/F . nance 331	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A	
Hours: T Converted p/n 72067 conversion	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nger. slamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW MM 761-39. Represed May need to the property of the p	
Hours: T Converted p/n 72067 conversion with service alternator annual ins	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 this O-320-E2D to an O-3: -s. installed p/n 23d26777 in IAW Lycoming SB 1304J. seable p/n 215cc s/n285719 p/n 4111810 s/n A16/5665.	Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F	Make: Lycoming Model: O-320-D3G Tail: N210/E S/N: L-22162-27A TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nger. stamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW AMM /61-639. Replaced Vac. pump reviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder assembly p/n. performed an	
Hours: T Converted p/n 72067 conversion with service alternator annual ins	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 this O-320-E2D to an O-3: -s. installed p/n 23d26777 in IAW Lycoming SB 1304J. seable p/n 215cc s/n285719 p/n 4111810 s/n A16/5665.	Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F Phone/F	Make: Lycoming Model: O-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nger. stamped letter "C" at suffix of engine s/n to indicate model was installed on N2107E, IAW AMM 761-539. Replaced Vac. pump priceable engine driven fuel pump p/n 6441271. installed serviceable cylinder and installed servicable cylinder assembly p/n. performed an ressions 1; 72/80 2; 74/80 3; 78/80 4; 76/80 I certify this engine has been determined to be in an airworthy condition.	
Hours: T Converted p/n 72067 conversior with service alternator annual inspeen inspection.	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 I this O-320-E2D to an O-3: -s. installed p/n 23d267/77 In IAW Lycoming SB 1304J. ceable p/n 215cc s/n285/715 p/n 4111810 s/n A16/565. ppection IAW FAR 43 apper ected IAW an annual insper	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nager. stamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW AMM 761-539. Replaced Vac. pump riviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder assembly p/n. performed an ressions 1: 72/80 2: 74/80 3: 76/80 4: 76/80 1 certify this engine has been determined to be in an airworthy condition.	
Hours: T Converted p/n 72067 conversion with servic alternator annual inspeed in speed. Name:	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 Ithis O-320-E2D to an O-3: -s. installed p/n 23d26777 for IAW Lycoming SB 1304J. teable p/n 215cc s/n285719 pri A111810 s/n A167565. pection IAW FAR 43 apper ected IAW an annual insper	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nger. stamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW AMM 761-539. Replaced Vac. pump riviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder and installed serviceable cylinder assembly p/n. performed an ressions 1: 72/80 2: 74/80 3: 76/80 4: 76/80 1 certify this engine has been determined to be in an airworthy condition. Cert: 3965513 IA Date: 10/12/2021	
Hours: T Converted p/n 72067 conversior with service alternator annual inspeen inspection.	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 Ithis O-320-E2D to an O-3: -s. installed p/n 23d267/77 In IAW Lycoming SB 1304J. ceable p/n 215cc s/n285/715 p/n 4111810 s/n A16/565. pection IAW FAR 43 apper ected IAW an annual insper Adam Piepke ST West Aircraft Mainte	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nager. slamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW AMM 761-539. Replaced Vac. pump riviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder and installed serviceable cylinder assembly p/n. performed an ressions 1: 72/80 2: 74/80 3: 78/80 1: 76/80 1 certify this engine has been determined to be in an airworthy condition. Cert: 3965513 IA Date: 10/12/2021 Make: Piper	
Hours: T Converted p/n 72067 conversior with servic alternator annual ins been inspe Signed: Name:	SI West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 Ithis O-320-E2D to an O-3; -s. installed p/n 23d267/77 in IAW Lycoming SB 1304.1; 2eable p/n 215cc s/n285/71 g/n 4111810 s/n A167565. pection IAW FAR 43 apperented IAW an annual inspection IAW and annual inspection IAW and annual inspection IAW FAR 43 apperented IAW an annual inspection IAW and annual inspection IAW Adam Piepke	Phone/F	Make: Lycoming Model: O-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nger. slamped letter "C" at suffix of engine s/n to indicate model was installed on N2107E, IAW AMM 761-539, Replaced Vac. pump riviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder and installed serviceable cylinder assembly p/n. performed an ressions 1: 72/80 2: 74/80 3: 78/80 4: 76/80 I certify this engine has been determined to be in an airworthy condition. Cert: 3965513 IA Date: 10/12/2021 Make: Piper Model: PA-28-161	
Hours: T Converted p/n 72067 conversior with servic alternator annual ins been inspe Signed: Name:	ST West Aircraft Mainter 280 Gardner Dr New Century KS 660 1913/0245/0 ach: 2058.2 EngTT: 6165 Ithis O-320-E2D to an O-3: -s. installed p/n 23d26777! on IAW Lycoming SB 1304J. eable p/n 215cc s/n285719 p/n 4111810 s/n A167565. ppection IAW FAR 43 apperented IAW FAR 44 apperented IAW FAR 45 apperented IAW	Phone/F	Make: Lycoming Model: 0-320-D3G Tail: N210/E S/N: L-22162-27A 18.3 TCDS. installed serviceable prop flange bushings 5x p/n 72066-s; 1x nager. slamped letter "C" at suffix of engine s/n to indicate model was installed on N210/E, IAW AMM 761-539. Replaced Vac. pump riviceable engine driven fuel pump p/n 64412/1. installed serviceable cylinder and installed serviceable cylinder assembly p/n. performed an ressions 1: 72/80 2: 74/80 3: 78/80 1: 76/80 1 certify this engine has been determined to be in an airworthy condition. Cert: 3965513 IA Date: 10/12/2021 Make: Piper	

Completed 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM 100 hour inspection report. No AD's found due. Drained engine oil. Removed, cut open, and inspected oil filter element and installed new filter element p/n CH48110-1. Added 7 qts Type M 20W50 mineral oil. Removed and replaced all cylinders with overhauled p/n LW12416 N1 using (4) Superior gasket sets p/n SL12032-SC, placed maintenance release forms in a/c perm records. Differential compression check on new cylinders as follows: 79, 79, 79, 79, 80. All work done IAW PA-28-161 AMM and Lycoming O-320 OH manual. Engine ops/leak check completed. I certify this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition.

Signed: Name: Justin Pate

Cert: Mechanic: 4391662 AP

Date: 12/27/2021

I certify this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Signed: Adom Tull

Name: Adam Piepke

Cert: Mechanic: 3965513 AP

Date: 12/27/2021

SUB-TOTALS this page

West Aircraft Maintenance Make: Lycoming 280 Gardner Dr Model: O-320-D3G New Century KS 66031 19137024570 Tail: N2107E L-22162-27A DATE Hours: Tach: 2138.0 Drained engine oil and added 6 qts X/C20W50 IAW PA-28-161 AMM. Ops/leak check completed. Cert: Mechanic: 4391662 AP Signed Date: 01/18/2022 Name: Justin Pate Make: Lycoming EST. West Aircraft Maintenance 280 Gardner Dr New Century KS 66031 Model: O-320-D3G Tail: N2107E 1913/0245/0 S/N: L-22162-27A Hours: Tach: 2188.4 EngTT: 6296.1 SMOH: 548.5 Completed 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM. 1. No AD's found due Differential compression test as follows: 79, 80, 80, 80/80 Serviced engine w/ / qts X/C20W50 Replaced engine oil filter element p/n CH48110-1 I certify this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition. 4457220 A Nathaniel Griffith I certify this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy Signed: Cert: Mechanic: 3965513 AP Date: 02/10/2022 VEST West Aircraft Maintenance 280 Gardner Dr Make: Piper Model: PA-28-161 New Century KS 66031 19137024570 Tail: N2107E S/N: 28-7916162 Hours: EngTT: 6388.3 Tach: 2280.6 Completed 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM. Differential compression test 1-80/80 2-80/80 3-80/80 4-80/80. Removed/Inspected/Replaced Oil Filter P/N CH48110-1, no metal found. Removed/Inspected/Replaced oil P/N XC 20w-50 w//qts. No AD's found due at this time. Operations check OK, I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy Signed: Cert: Mechanic: 3965513 AP Name: Date: 03/24/2022 EST West Aircraft Maintenance Make: Piper 280 Gardner Dr New Century KS 66031 19137024570 Model: PA-28-161 Tail: N2107F S/N: 28-7916162

Hours: Tach 2358.8 EngineTT: 6,466.5 SMOH 718.9

Completed 100 hour inspection IAW FAR 43 Appendix D referencing PA-28-161 AMM. Differential compression test 1-80/80, 3 - 80/80, 4 - 80/80. Removed/Inspected/Replaced Oil Filter P/N CH48110-1, no metal found No AD's found due at this time. Operations check OK. I certify that this engine has been inspected in accordance with a 100 hour inspection and determined to be in airworthy condition. a 100 hour inspection and determined to be in airworthy condition.

Signed:

Name: Adam Piepke Cert: Mechanic: 3965513 AP

Date: 05/05/2022

SUB-TOTALS this page

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41.40				

West Aircraft Maintenance 280 Gardner Dr New Century KS 66031 19137024570

Make: Piper

Model: PA-28-161 Tail:

N2107F 28-7916162

PRMING WORK

Hours: AC: 7126.5 TT: 2443.2 EngTT: 6550.9 PropTT: 3548.3 Hobbs. Misc

Performed a 100 hour inspection IAW FAR 43 app. D and piper amm as guide, no applicable AD's due. Compressions 1, 79/80 2; 80/80 3; 80/80 4; 80/80, removed oil filter, cut open, no metal found, drained sump, installed new filter p/n ch48110-1, and serviced sump with 7 qts. of x/c 20w50, replaced LH #4 bottom ignition lead using kit p/n M6202-601 certify this engine has been inspected IAW a 100 hour inspection and has been determined to be in an airworthy

Signed: Name.

Cert: Mechanic: 4638550 P

Date: 06/09/2022

V/EST

West Aircraft Maintenance 280 Gardner Dr New Century KS 66031 19137024570

Make. Piper Model: PA-28-161

N2107E 28-7916162

Hours: AC: TT: 2496.4 EngTT: PropTT: Hobbs: Misc

Removed #1 cylinder and piston assyl replaced #1 and #2 connecting rod assy's p/n 78030 ASI 8130-3 # 270500 and 273502 w/ bearing p/ns sl61662a 0.replaced #1 cylinder assy' with repaired o-320 cylinder assy' w/ new piston p/n sl75089a, and 5401-sc rings work done IAW lycoming direct drive manual

Signed

Adam Piepke

Cert: Mechanic: 3965513 AP

Date: 06/30/2022

^/EST

West Aircraft Maintenance 280 Gardner Dr

New Century KS 66031 19137024570

Make: Piper

Model: PA-28-161

N2107E

S/N. 28-7916162

Hours: AC: 7225.4 TT: 25420 EngTT: SMOH 902.1 tt.6649.7 PropTT: 3647.1 Hobbs: Misc:

Performed a 100 hour inspection IAW FAR 43 app. D and piper amm as guide, no applicable AD's due. Compressions: 1: 76/80 2: 79/80 3: 80/80 4: 78/80, removed oil filter, cut open, no metal found, drained sump, installed new filter p/n ch48110-1, and serviced sump with 7 qts. of x/c 20w50. I certify this engine has been inspected IAW a 100 hour inspection and has been determined to be in an airworthy condition

Signed:

Cert: Mechanic: 3965513 AP

Adam Piepke Name:

Date: 07/15/2022

West Aircraft Maintenance 280 Cardner Dr New Century KS 66031

19137024570

Make: Piper

Model: PA-28-161 N2107E Tail

28-7916162

Hours: AC: 7287 4 TT. 2,604.0 EngTT: PropTT: Hobbs: Misc:

Completed a 100 HR inspection IAW FAR 43 app. D with reference to Piper pa-28-161 AMM. No applicable AD's due at this time. Compressions 1, 56/80 2: 80/80 3: 7/780 4: 32/80, Replaced cylinder #1 and #4 with serviceable cylinder IAW Lyconing direct drive manual. After cylinder replacement compressions corrected to 1:80/80 4:77/80. Drained oil sump removed and cut open filter. No metal found. Replaced oil filter with PIN AA48110-2 and serviced sump with 7qts of X/C 20W50. Learlify that this engine has been inspected IAW a 100 HR inspection and has been determined to be in

Signed:

Name: Adam Piepke Cert: Mechanic 3965513 AP

Date: 08/12/2022

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNATU	JRE &	DESCRIPT CERTIFIC	TION OF V	WORK PERFOR OF PERSON PE	MED- ERFORMING V	WORK
				TOTALS broug	ght fo	rward fro	om previo	ous page		
		>√ES1	West Aircraft Mai 280 Gardner Dr New Contury KS 19137024570			Make; Model: Tail: S/N:	Piper PA-28-161 N2107E 23-7916162			
		Replaced igni	tion harness with se	PropTT, Hobbs Misc. rviceable harness after repl i maintenance manual	lacing bo	ntom cylinder	#3 lower lead	P/N M62/5 IAW L-		
		Signed. Log	an Baker					lechanic: 4638550 P · · · 8/29/2022		
	7.00	2'80 Gardne	ry KS 66031		Make: Model: Tail: S/N:	Piper PA-28-161 N2197E 28-7916162				
	Perform 1 80/80 ch48110	ed a 100 hour inspe 2 79/80 3 76/80 4 -1, and serviced su	ction IAW FAR 43 a : 78/80, removed of mp with 7 gts, of x/o	it.6790.8 PropTT, 3788.2 ipp. D and piper amm as git litter, cut open, no metal for 20w50. I certify this engine anworthy condition	und dea	nod cump inc	stallad no u f.H.	a		
	Signed: Name:	Adam Piepke	TO TO THE PROPERTY OF THE PROP			IA	lechanic: 3965 \ 7/15/2022	513 AP		
		TAKE S	West Aircrat 280 Gardne Now Centur 1913702457	y KS 66031			Make: Model: Tail: S/N:	Piper PA-28-161 N2107E 28-7916162		E 5
		Completed 79/80 3:76/ found. Rep cover, Rep	100 HR inspection (80.4: 78/80. No allaced oil filter P/N (laced valve cover)	A.1 EngTT 6791.7 SMoon IAW FAR 43 app.D wapplicable AID's due at the AA48110-2 and service gasket with P/N SI 756 termined to be in an ain.	vith refe his time sed sum 906 I co	rence to Pip Drained oil p with 7qts o ertify that this	er PA-28-16 I sump, remo	1 AMM. Compressioned and cut open o	#1 cvi valve	1
,		Signed: Name:	ogan Baker	>				Cert: Mechai Date: 09/13/2	nic. 4638550 P 2022	
		~~E21	V/est Aircraft M 280 Gardner Di New Century K 19137024570		×		Model: PA	oer A-28-161 21071 -7916162	_	
	_	Completed 100	HR inspection M	EngTT: 6,877.3 SMOH	referen	ce to Piner F	- 2 Λ -28-161 Δ	MM Compressions	1 80/80 2	
		found. Replace	4 76/80 No appli ed oil filter P/N AA	cable AD's due at this to 48110-2. Added Zots o hspection and has been	me. Dra f Phillip	amed engine s Victory 201	oil, remove	d and cut open oil fil oil. I certify that this	lter. No metal engine has	
		Name toga	Baker Baker					Date: 10/05/2022		
				SUB-TOTALS	S this	page				
				TOTALS-Carr	y forv	vard to n	ext page)		

lo		Page No.					16	7 (*
WORK		DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		SCRIPTION OF WORK PERF	A STATE OF THE STA
			2E	est Aircraft Maint 80 Garoner Dr by Century KS 68		TOTALS brought forwar Make. Piper Model: PA-2		
		u.		0137024570			916162	
		Co				OH 1,211.0 PropTT 3,953.3 Hobbs in reference to Piper PA-28-161 AMI		
		3: fou P/r	68/80 4: 72/80 Ind. Replaced o	rtify that this engil		. Drained engine oil removed and cu . of Phillips X.C 20W50 engine oil. R ected IAW a 100 HR. inspection and		
		Sig Na	me: Joshua I	Kennegy			Cert: Mechanic 4653415 A/P Date: 11/10/2022	
		Manual Ly M003, Cor Vacuum Po hauled Lyc (#2). Upor will be cer 05/08/202 with Lycor book entry	coming Dir nnecting Ro ump Gear: coming cyli a completic tified for ro 23, Lycomir ning Overly detailing	rect Drive Er od Bearings: PN. SL7297 nders PN: L' on of Overha eturn to ser ang O-320-E2 naul Manual said proced	ngines PN: 6: PN. SL6166 0, Rocker Al W-12417 in: aul Manual viceEN 2D, SN: L-22 I Direct Driv lures has be	Lycoming Direct Drive Er D William A. Latham 162-27A, ETTSN: 2968.5, e Engines PN: 60294-7, S	ing new parts. Main Beatlts and Nuts: PN's. SL78 A, Thrust Button: PN. AE ne new Superior cylinder ngines: Section 9 Test P n, Jr. AP3557002 6, SMOH: 1328.3. This e Section 9 Test Procedur	arings: PN. SL68763A- 2027 & LW-12186, L12892. Three over- er PN: SLC36005 installed
	1	• 1	Ţ	T	7			
		HS 5643-19 150H1	310.60 on as per FAR pa w/8 ats of herosti	Lycoming O-320-6 TIS appendix D and off mineral 100 N of	ImporPA∠8-161 V.I Land new of filter P	A APATICE Institled		
	<u> </u>	Installed or pinal carourers	r has been inspect	ed in accordance v	vith an annual 100	hour inspection per FAR part		
		Gregory Warton # 3807	766 A&P IA - Dat	e 7/12/23 - Suratu	- Short	1		
		Cr 3174.10 TTIS 5			E 2 J ing O-320- D30	L-72162-27A Engin	ne 1 Tach	
			ure relief valv	e adjusted the	oil pressure ar	nd reinstalled existing oil pressi od	sure relief	
		Josh Kennedy A				10/		
				<u></u>		TOTALS-Carry forward	rd to next page	

					Page No
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMI SIGNATURE & CERTIFICATE NO. OF PERSON PER	ED- FORMING WORK
				TOTALS brought forward from previous page	
2996.30	Created 0			E2D L-22162-27A 0-000 1 Tach	
Inspected a found, Inst. I certify th determine	and cleaned sp alled oil filter P at this engine d to be in airv	oark plugs. Dra /N AA48110-2 has been ins vorthy conditi	ined oil sump, i and serviced oi pected in acco	n reference to Piper PA-28-161 AMM. renroved and cut open oil filter. No metal all sump with 7qts of Acroshell W100. ordance with a 100 HR inspection and was malure.	
	K	Created 09/19 /	2023 Lycomir S 5739.09 IS	= 20	
_ _ _	AMM 5-20-00, due at this time removed and di serviced oil sun and #3 with nex I certify that the and was determined.	Researched AD Compressions of open oil filter, op with /qts of A y gaskets P/N 0 its engine has t mined to be in	's through bi-wei #1 80/80 #2 80/ No metal found, scrosholl W100, 7-14183,	11 1 2/1 +	
K			, , ,	E2D 22162-274 Engine 1 Tach 3130.20 TTIS	
veekly report a ump, remove verosnell W10 certify that the	2023-21. No ap d and cut open 0.	oil filter. No met	e at this time. C	crence to Piper PA-28-161 AMM. Researched AD's through bi- compressions #1 78/80 #2 79/80 #3 66/80 #4 70/80. Drained oil and oil filter P/N AA48110-2 and serviced oil sump with 7qts of the with a 100 HR inspection and was determined to be in	
ominic Blew	ett #P48482	287 Date: 10/1	8/23 Signature	e with a 100 HR inspection and was determined to be in	
				,	
				SUB-TOTALS this page	
				TOTALS-Carry forward to next page	

Page No. ___

N's

3207.80

Completed AMM. Res Compressi and replac loaced will ring set P/I discrepancial sump. Fise viced or and #2 bot and reinsteam that heart manual, Ly I certify th

Logan Ba

determine



3297.20 FITS 59t Completed a 100 HI AD's through bi-wes removed and cut op of Aeroshell W80. I c and was determine

Gregory Warton



Created 05/14/20:

1755.10

Completed a 100 HR inspection I. 04/22/2024-05/05/2024 No applications on a cut open of filer. Via a certify that this engine has be condition.

Owen Fortney #A&P 4429081

Cremed 15/25/2024 - Lycoming 2, 320 120

Pited 18.2 October 1 forming 2 120 cce

Completed a 100 HR increation (AV FAR 4) and 03-05-2024. No applicable AD's dire at this time titlet. No metal found installed oil filter in N. AAin accordance with 100 Hore imspection and war.

losh Lentwidy - 3/ASP 4429081 - Date = 1/25/04

Claudico 25/2024 | Licomog C 320 E20

Semoced and replaces of cyclider due from in NOSE (1917 a. Cylinder P/N (VI)2416 N.N. with an ratifice dies. All werk dene soch entrativation No. 142 %. Test run satisfactery.

cryan Baker P* 4653550 - Date 6/2504 - S

	Page No				
	No.	710100			·
		620 1023 Lycoming O-320-D3G	22142-27A S/N L- 16398-39A	Engine 1 Tach	K PERFORMED- ERSON PERFORMING WORK
	3207.80 TTIS 5900.39 TSG Completed a 100 HR inspection	OH 1567.80 I on this engine IAW FAR 43 a	pp. D with reference to	o Piper PA-28-161	age
	AMM. Researched AD's through Compressions #1 79/80 #2 78/8	30 #3 46/80 #4 79/80. Remove	d #3 Cylinder due to le	ow compression	
	and replaced with overnauled c loaded with piston, piston rings	ylinder P/N LW-12416 S/N 672 and ready to hang from Ace C	28 From Ace Cylinders ylinders, Piston P/N 7	. Cylinder was 5089 and piston	
	ring set P/N CN203. Installed of discrepancy of 46/80 psi compr	dinder with single cylinder gas	ket set P/N SL12032-3	SC, Correcting	
	oil sump. Removed and cut ope serviced oil sump with 7qts of A	n oil filter. No metal found. Ins	talled oil filter P/N AA4	18110-2 and	
	and #2 bottom ignition leads. Ri and reinstalled Oil pressure ser	eplaced #2 and #4 ntake gask	et P/N 71973. Remov	ed thread taped	
	carb heat box, All work done wi manual, Lycoming Service instr	th reference to Piper PA-28-16	1 AMM, Lycoming over	erhaul direct drive	
	I certify that this engine has b	een inspected in accordance	e with a 100 HR insp	ection and was	
	determined to be in airworthy				
	Logan Baker P#4638550	Date: 12/15/23 Signature:	10		
	*	, ,			
	,				
	K			2	
		E2D	22162-274 861	ر	2
	Created 03/05/2024 3297-20 FTIS 5989-79 FSOH 1657-2	Lycoming O-320-D39 S/N	L- 16398-39A Engine	e 1 Tach	
	Completed a 100 HR inspection IAW FAR	43 app. D with reference to Pipi			
	AD's through beweekly report 2024-04 Co removed and cut open oil filter. No metal f				
	of Aeroshell W80, I certify that this engir and was determined to be in airworthy	The state of the s	rdance with a 100 HR i	nspection	
	Gregory Warton # 3807756 A&P IA	Q	8)		
	Gregory Warton # 3807/66 A&P IA	Jale: 3/5/24 Signature:			
K					
N	- And the second	2D 22142-27A	a 1 Took 2205 10 TTIC	6007 CO TSOU	
1755.10	Greated 05/14/2024 Lycoming O-3204		e 1 Tach 3395.10 TTIS		
04/22/2024 removed ar	a 100 HR inspection IAW FAR 43 app. D with F05/05/2024. No applicable AD's due at this time of cut open oil filter. No metal found. Installed	ne. Compressions #1 72/80 #2 76 oil filter P/N AA48110-2 and service	80 #3 76/80 #4 67/80 Dr. ed cil sump with 7qts of A	ained oil sump, eroshell W100.	
	at this engine has been inspected in according the second of the second	0	and was determined to b	e in airworthy	
	24 Lycommod 3 (20 E2D S/N L 22162 2/A Engine later	•			
	HR introction (AM FAR 43 app. D with reference to Piper PA . applicable AD's dire at this time. Compressions #1,72/80 <2.75				
hiter No nietal roc	und Installed oil filter P/N AA48110 2 and serviced oil sumply in 100 Hour inspection and was determined to be unignivority	with lights of Aeroshell W100 I certify that this e			
	ASP 4429081 Date 6/25/24 Signature fesh A				
	924 Economy 3 (20 E20) Subst. To 274 Engine	R in pection Replaced *4 - vlinder with ove	rhauled loaded cylinder assembl	,	
representation of the	and the second s				
	Crylinder P/N CW12416 SSN 6000 Collabor Was installed Corps. All work done with reference to Occaming Control E 1427 C. Fest run satisfactory Correcting the discrepancy from	n the previous 100 HR inspection			

				Page No		Page No		
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		DATE	TOTAL TIME IN SERVICE	TC T SI OVE
				TOTALS brought forward from previous page				
	27A Remov	TACH: 350 ed carbure uled Carb N IM and Lyc noted.	7.0 tor Model: Model: MA- oming 0-32	d, 07/03/24 Model: O-320-E2B S/N: L-22162- TTIS: 6199.6 TSOH: 1867.0 MA-4SPA P/N: 10-5217 S/N: D045104 and installed 4SPA P/N: 10-5217 S/N: MS1CDA10 IAW Piper PA-28- 0-E2D manual as reference. Performed ops check, no	ľ			
15 No applicance of found 1974 St 1973 4271 5784 2 1497 5784 2 1497 5784 2 1497 5784 2 1497 5784 5784 5784 5784 5784 5784 5784 578	101 HR inspection IAV able AD's due at this t histalled oil litter P/N Removed R/H magni (060055 and replace in	N FAR 43 app. D with nete Compression #1 AA45110 Zand serve to P/H 4370 S/HH 2 III with mangreto P/H 4 mal	elerence to Aguer PA. 27/001 #2 14/00 #2 64 rd od sump with Pats indoping, and replaced 271 SQHH VOS1263 R. 28 KH i w 100 Hour are	ACH 15884 THE 627.0 TOOH 15884 TO 161 AMM 5-20.00 Recentled ADS PROUGH Is weekly report 2024 TO 161 AMM 5-20.00 Recentled ADS PROUGH Is weekly report 2024 TO 160 A 17960 Dismed of sump removed and suit open of filter 160 OF ARMSHEW MINE REMOVED AND replaced cylinder 92 intake garket To the Mine Removed And a 170 AMH 170 AF2 Removed UH insequed PM R Lotth RAH and LH magneto gastes PM LW 12681. Everything done Was determined to be in anxiorthy condition. The Mine RAH and LH magneto gastes PM LW 12681. Everything done Was determined to be in anxiorthy condition. The Mine RAH and LH magneto gastes PM LW 12681. Everything done Was determined to be in anxiorthy condition.				
	ompleted a 100 HF weekly report 2024 emoved and cut op certify that this en	TTIS 6369.4 R inspection IAW FA 18 No applicable A sen oil filter. No mei gine has been insp	TSOH 2036.8 R 43 app. D with re D's due at this time al found. Installed in	ference to Piper PA-28 151/161 AMM 5-20 00 Researched AD's through bi- Compressions #1 77/80 #2 72/80 #3 70/80 #4 79/80 Drained oil sump, Il filter P/IN AA48110 2 and serviced oil sump with 7qts of Aeroshell W100 e with a 100 Hr and has been determined to be in an airworthy condition				
_ _ _	S/N: RL-1870 Completed a AMM 5-20-0 at this time. Removed an	69-39E TAI 100 HR insp 00. Researche Compression d cut open o	CH: 171.6 Dection IAW F Ed AD's throu Is #1 79/80 # Il filter. No m	Registration Number: N2107E Model: O-320-D3G ITIS: 6469.7 TSOH: 2137.1 AR 43 app. D with reference to Piper PA-28-151/161 gh bi-weekly report 2024-26. No applicable AD's due 2 78/80 #3 78/80 #4 78/80. Drained oil sump, letal found. Installed oil filter P/N AA48110-2 and ell W100. Cleaned, gapped, inspected and tested	1			
- -	spark plugs. engine has l determined Logan Baker	Re-timed bo been inspect to be in airw	th magnetos ed in accord vorthy condi	with reference to engine data plate. I certify that this	J			is.
_	Completed a 10 Researched AD #4 74/80. Draini with 7qts of Aeri check, no defec	OTTI-T OHR inspection IA 's through breveeld ed oil sump, remove oshell W80. Cleaned ts noted.	W FAR 43 app. D y report 2025-15. I ed and cut open oi ed, inspected, gapp	with reference to Piper PA-28-151/161 AMM 5-20-00 and Lycorning O-320 MM to applicable AD's due at this time. Compressions #1 76/90 #2 72/80 #3 72/80 filler. No metal found. Installed of filter PIN AA48110-2 and serviced oil sump ed, tested, and reinstalled spark plugs. Performed engine run up and leak				
		is engine has bee idion. A&P 4788841 Da		cordance with a 100 hour inspection and has been determined to be in an		l		