

MENA AIRCRAFT ENGINES, INC. HIGH PERFORMANCE ENGINES, LLC.

FAA Certified Repair Station #S9QR340N 103 Aviation Lane Mena, Arkansas 71953 (479) 394-7688 or 8084

Engine Record General Informa	ation			
Manufacturer TEXTEON - LYCON	MING-	_ Model	0-320-E2D	
Serial 2-21812-274		Type Cer	tificate	
This engine is currently installed	in aircraft:			
Minimum Octane Fuel	Oil Grade	e Summer	Winter	
Magneto Time	Point Se	tting	Firing Order	

Spark Plug Gap

Manufacturer's Recommended Overhaul at 2000 hours &

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

Date: January 9, 2006 Engine Total Time/Tach Time: 2262.43 Time Since Overhaul: 00.00 hrs. Engine Data: Textron-Lycoming model 0-320-E2D Serial Number: L-21812-27A

WORK PERFORMED: inspected and major overhauled in accordance with Textron-Lycoming overhaul manual #60294-7 and Textron-Lycoming parts catalog #PC-203-1.

COMPONENTS

<u>crankshaft</u> – replaced with new p/n AEL32103-1 by Engine Components of San Antonio, TX purchased from J & J AirParts of Pleasanton, TX invoice #56823 dated 12/16/2005.

<u>crankshaft drive gear</u> - p/n 61155 - repaired per Lycoming SB#475, inspected per RAIP-1, and certified by Rock Aviation of Boerne, TX w/o 10332 FAA CRS#RA7R115J.

<u>connecting rods(4)</u> - p/n 78030 - magnafluxed, resized, rebushed, balanced, and certified by Aircraft Specialties of Tulsa, OK w/o 150217 FAA CRS#DD2R764K.

internal steel magnetic particle inspected per RAIP-1 and certified by Rock Aviation of Boeme, TX w/o 10877 FAA CRS#RA7R115J.

<u>camshaft</u> - p/n 76097 - repaired per RAPS-1, inspected per RAIP-1, and certified by Rock Aviation of Boerne, TX w/o 10977-1 FAA CRS#RA7R115J.

hvdraulic lifter bodies(8) - p/n 72877 repaired per RAPS-3, inspected per RAIP-1, and certified by Rock Aviation of Boerne, TX w/o 10877-2 FAA CRS#RA7R115J.

hydraulic plungers(8) - p/ 78290 - repaired and flow matched per RAPS-10, and certified by Rock Aviation of Boerne, TX w/o 10700.12 FAA CRS#RA7R115J.

COMPONENTS CONTINUED

- <u>crankcase</u> casting #72082, match #2070- zygloed, inspected, repaired, surfaced, align-bored, and certified by DIVCO of Tulsa, OK w/o#WDC89773 FAA CRS#DB2R762K.
- cylinders(4) cleaned, inspected, repaired, cerminickeled barrels to new STD bores, overhauled and certified by J & J Air Parts of Pleasanton, TX w/o 56932-01 FAA CRS#JE2R921K. flow matched per procedure #MPCD10CL12 by Mena Aircraft Engines, Inc. of Mena, AR w/o 1545CYL FAA CRS#S9QR340N.
- valve rocker arms(8) -p/n 69444, p/n 74636 repaired and rebushed per RAPs-7, inspected per RAIP-1, and certified by Rock Aviation of Boerne, TX /wo 10877 FAA CRS#RA7R1153
- attaching hardware —bright cadmium plated per UPW SP-01 Rev "B" to .00035-.0005 thickness baked at 375 degrees for 3 hours from UPW SP-17 Rev "E" chromate treated type II per UPW SP-01 Rev "B" by United Plating Works of Tulsa, OK w/o 7734 CRS#FA2R813K.

ACCESSORIES

- L magneto p/n 4371, s/n 01113310, mfg. Slick inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1545A FAA CRS#S9QR340N.
- R magneto p/n 4250, s/n 88030247, mfg. Slick inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1545B FAA CRS#S9QR340N.
 - starter exchanged p/n MZ-4222, s/n F122484, mfg. Prestolite inspected, overhauled, tested, and certified by Kelly Aerospace of Ft. Deposit, AL w/oM059060 FAA CRS#UT2R226L

ACCESSORIES CONTINUED

- alternator p/n DOFF10300J, s/n A157929, mfg. Ford inspected, overhauled, tested, and certified by Aerotech of Louisville, KY w/o 80295 FAA CRS#PU4R453M.
- <u>fuel pump</u> exchange p/n 40295, s/n AA19853, mfg. A/C/Lycoming inspected, overhauled, tested, and certified by Aero Accessories of Gibsonville, NC w/o Y9648 FAA CRS# YV4R688M.
- <u>carburetor</u> exchange p/n 10-5009N, s/n BL 53573, mfg. Precision inspected, overhauled, bench tested, and certified by Kelly Aerospace of Fort Deposit, AL w/o M994310 FAA CRS#FUXR511K.

NEW PARTS INSTALLED

Major overhaul gasket and seal set, crankshaft oil seal, crankcase o rings, crank gear screw p/n STD2246 and lockplate, crankshaft, main bearings STD, connecting rod bushings, connecting rod bearings STD, connecting rod bolts and nuts, tach shaft snap ring, internal crankcase slotted nuts, oil pump gear kit p/n AEL18109-S, oil temperature vernatherm valve, oil filter p/n CH48110-1, piston pins p/n AEL14077-1, exhaust valve guides, intake valve guides, intake valve seats, exhaust valve seats, valve keepers, exhaust studs, valve springs, intake valves, exhaust valves, pistons, piston rings for nickel barrels, silicone valve cover gaskets, valve rocker arm bushings, rocker arm shafts and thrust buttons, spark plugs, ignition harness, induction tube hoses and clamps, cylinder oil drain tubes.

NOTE: installed piston p/n 75089 per RAM STC#SE36925SW, see copy of FAA form 337.

Engine Test Run and Sign-Off – this engine overhauled and test run in accordance with current and applicable FAA data and procedures. pertinent details of the overhaul are on file at this repair station #S9QR340N under work order #05K-1545 by Mena Aircraft Engines, Inc. of Mena, AR Roled — #2549814 January 9, 2006

See listing of A.D.'s complied in back of this engine log book.

ATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries
			Pr	iority Aviation, Inc.
			133	3 Polk 52 Mena, AR 71953
			v	www.priorityaviation.com
Ce	essna 177	N302E	DB S/I	N 17701132 Tach 2287.82 Hobbs 1720.7
				1.64
CI	it open and	inspecte	ed. Replaced mineral oil	ngines Service Bulletin #1.Drained oil, removed filter, d filter with new CH48110-1 and serviced with 7 qts. 1. Engine run up and leak checked. No defects noted at
A th	at open and eroshell 80 his time	inspecte straight	ed. Replaced mineral oil	l. Engine run up and leak checked. No defects noted at
A th	at open and eroshell 80 his time	inspecte straight	mineral oil	l. Engine run up and leak checked. No defects noted at
A th	at open and eroshell 80 his time	inspecte straight	mineral oil	l. Engine run up and leak checked. No defects noted at

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must	be endorsed with Name, F	Rating and Certificate Number of c pages for other specific entries.)
ATE					. T.	
			Prio	rity Avia	tion, Inc.	
			133 F	Polk 52 Mena	, AR /1953	
			ww	ww.priorityavi	ation.com	
Cana	na 177 N	302DB	S/N	17701132	Tach 2295.73	Hobbs 1731.2
Perfo	rmed annu	al inspec	tion to en	gine in accord	lance with Cessna serv	vice manual. Work
perfo	ormed is as	follows.				
1. (Compression	n check	#1 76/80,	#2 75/80, #3	76/80, #4 76/80	
				ith P/N 17500)44-1,1750043-4.	
	Replaced ris					
	Replaced er	-				
	Replaced ai					
	Verified Al)'s with	IA approa	ich. See AD lo	g.	
			/			
6.	han Cline	//	lost 1	/.	A&P 2960786	IA 2-09-2006

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE SMOH	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	2396,3 Tested		0/33,9	Cessna 177 N302 DB 5/n 17701132 TACH. 2396, 3 Hobbs 1861.6 I certify that this Engine HAS been inspected In Accordance
ELT pate	BATTERY = MACC	Due 20	0	the scope and Detail of FAT 43 Appendix "D" + was found to be in Airworthy Condition, Compression show = #1 = 75/80 #2 = 75/80, 3 = 74/80
from A/s 10	minera minera now or e. fim	1 pil	10	#4= 75/80. Drain oil - Remove oil filter + cut open and inspect, NO metal found, install New CH48110-1 oil filter + fill with 8 gts A/s 100W Run Engine for LEAK check, NONE found, A+P 2771253 fim Edward End.

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YEAR 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-21-06	2464.2		0201.8	Cessna 177 N 302DB 5/n 17701132 Change oil + fitter, Test Run for oil Change. DRAIN oil + Remove oil Filter. Cut open fitter + inspect, No metal or Debri found. Install New CH48110-1 oil fitter + fill with 8 gts. Pls 100W oil. Test Run for Leak check, None found at this time, Remove + Replace Left main Tire with michella 600-6 6 PR. 5/n 1036W00049 R+P # 2771253 Jim Edwardo End

7- 18 5

OO 6 DATE	TACH TIME	FLIGHT	TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
verify complian D. Also	2497.4 All A.D. ce, Rec checke CW B)	s for urrir	235.0	Cessna 177 N302 DB In 17701132 Test Run Ingine till operating temp. for Compression test and is as follows - # 1 = 77/80 2 = 78/80 3 = 78/80 4 = 77/80 Check over Engine - No Leaks or Defects Noted at this time, check all Electrical + wiring, fuel Lines, Hydraulic Lines + Hoses, oil Hoses + fittings. Change oil + filter, cut open oil filter + inspect, No metal or debri found at this time. fill with 8 gts, of Is 100 w oil. Test Run for Leak check + Ops check Engine, No Leaks Noted. Engine Ops check Good. I certify that this Engine Has been Inspected In Accordance with a 100 HR. Inspection and was found to Be in Aisworthy Condition. A & P 277/253 Jim Edwards

YEAR 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-03	2548.6		SMOH 02.86,2	Test Run Engine for oil change, DRAin oil, Remove oil filter, cut open oil filter + inspect; No metal or Debri found at this time, in stall New CH48110- oil filter + fill with 8 gts. Aeroshell 100 w Test Run for Leak check, No Leaks Noted, Cowl Engine. At P #2771253 fin Idwards End-
8-15-06	255/.3			Remove old oil Temp Bulb. + install New oil Temp Prop + GRuge. Test Run Emine for ops check + LERK check, ops check Good + NO LERKS Noted, A+ P 2771253 frim lidwards End

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YEAR 2006 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE Smo H	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
_ check	2595,9).5 fo.	recK	Test Run Engine for Compression test, Perform compression test - "1=76/80, "2=7/80, 3=77/80, "4=76/80 check over Engine, No Leaks or defects Noted At this time. Deain oil, Remove oil filter; cut open oil filter + inspect, No metal or pebri found, install New ch48110-11 oil filter + fill with 8 of sof Reroshell 100w. Test Run Engine for Leak check, No Leaks Noted. I certify that this Engine Has Been Inspected In Accordance with A 100 HR. Inspection Andwas found to be in Airworthy Condition. A + P. * 2771253 Jum Edwards. End-
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YEAR RECO TACH TIME	DING TODAY'	 Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
/13/06 26	5.9	Test Run Engine till operating temp, for oil change. DRAIN oil + Remove oil filter, cut open + inspect oil filter, No metal or Debri found, install New CHIBIN oil filter + fill with 8 ats Aero shell 1004 test Run Engine for Leak check, No Leaks found, Recoul Engine. AbP 2771253 IA Jum Edwards

Description of Inspections, Tests, Repairs and Alterations TOTAL TODAY'S RECORDING YEAR TIME IN Entries must be endorsed with Name, Rating and Certificate Number of FLIGHT TACH 2006 SERVICE Technician or Repair Facility. (See back pages for other specific entries.) TIME DATE Test Run Engine for oil change + 0433,4 2695.8 1-01-06 compression test, DRAin oil + Remove oil filter, cut open oil filter + inspect, check Engine AD. NO metal or pebrifound, install + Resurring A.D. For NEW CH48110-1 oil filter + fill with compliance, All AD. empression test - # 1: 75/20, #2: 7/80 P.C.W H-01-06 N302DB 3 = 1/80, 4 = 76/80 . check over Test Run Engine for Engine, All Electrical, fuel, oil, Hydr-LEAK Check NO KEAKS ualic, systems OK NO Defects Noted found, Engine Performance service Battery + charge. All Engine SAtisfactory, AVP 2771253 controls ops check Good. I Jum Solwards And certify that this Engine HAS Been Inspected In Accordance with A 100, HR. inspection with the scope + Detail of FAT 43 Appendix D" And WA Determined to Be in Airworthy condition
10 P 2771253 IA fim Edwards End.

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must b	e endorsed with N	ame. Hating and	airs and Alterations d Certificate Number of or other specific entries.)
			JU	ST PLANE N	MAINTENANC	E	
	DATE:	REC	3.#	MAKE:	SERIAL#:	TACH.	T.T.
	11/13/06	N302	2DB	LYC. 0320-E2D	L-21812-27A	2739.6	0477.2 SMOH
100	1110	LEARS	OILD . WAG	I G NEGOTIE EIT	0.	81.	TURN TO SERVICE.
		LEARS	OTEO: WAS		Jus	n Kdwa	P 2771253
		LEARS			Jus	n Kdwa	rds
		LEARS			Jes	n Kdwa	rds
		LEARS			Jes	n Kdwa	rds

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE			JUST PLA	ANE MAINTENANCE

DATE: REG.# MAKE: SERIAL#: TACH. SMOH T.T. 02/02/07 N302DB LYC. 0-320-E2D L-21812-27A 2795.3 0532.9 2795.3

TEST RUN ENGINE FOR OIL CHANGE UNTIL NORMAL OPERATING TEMP. DRAIN OIL, REMOVE OIL FILTER, CUT OPEN AND INSPECT, NO DEBRI OR METAL FOUND. INSTALL NEW CH48110-1 OIL FILTER & FILL WITH 8 QTS. AEROSHELL 80 W OIL. TEST RUN ENGINE FOR LEAK CHECK. NO LEAKS NOTED. PERFORM COMPRESSION TEST: # 1=76/80 # 2=74/80 # 3=75/80 # 4=77/80. CHECK & CLEAN FUEL SCREEN. CHECK ALL FUEL HOSES, OIL HOSES AND ELETRICAL WIRING. CLEAN GAP & TEST ALL SPARK PLUGS, ALL TEST O.K. INSPECT ENGINE MOUNT, NO DEFECTS NOTED. INSPECT PROP, DRESS PROP NICKS. INSPECT EXHAUST SYSTEM & PRESSURE TEST, NO DEFECTS NOTED. SERVICE STARTING BATTERY, LOAD TEST BATTERY, OPS CHECK GOOD. REINSTALL BATTERY. CLEAN BATTERY TERMINALS & CABLES.

ALL A.D. S CHECKED FOR COMPLIANCE USING TDATA IAPPROACH PRO. SEE A.D. LIST IN ENGINE LOG BOOK. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Jim Edwards
A&P 2771253 IA

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries m	ust be endorsed un or Repair Facili	with Name, F	Rating and Cert	tificate Number of
			JU		NE MAINTEN		Hanna	CMO!!
	DATE: 05/01/07		G. # 02DB	MAKE :	SERIAL L-21812-27A			SMOH 0633.2
	FILL WITH #1=74/80 LEAKS, N ENGINE M FUEL SCI TEST ALL COMPLIA I CERT	AEROSH #2=75/80 IONE FOL IOUNT, C REEN, CH SPARK I ANCE USI IFY THAT	HELL 100W #3=73/80 #4 JND. CHECK HECK EXHA HECK ALL F PLUGS. CHE	=76/80 . TI ENGINE CONTROL OUST, PRESUEL & OIL HECK IGNITION Approach PASS BEIL E AND DET.	NSTALL NEW CHORM COMPRESS EST RUN ENGINE ONTROLS FOR F SURE TEST, NO HOSES. CHECK E IN TIMING, NO DI PRO. SEE LIST IN EN INSPECTED II ALL OF FAR 43 A	E, CHECK FOR OPER OPER OPER OPER OPER OPER OPER OP	OR OIL ERATION, CH OTED. CHECK WIRING, CLI TED. CHECK S. NCE WITH A " AND WAS D	AD's FOR
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EAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN				Repairs and Alterations and Certificate Number of
DATE	TIME		SERVICE				ges for other specific entrie
				IUST PLAN	IE MAINTENA	NCE	
	DATE: 06/31/07		EG. # 302DB	MAKE:		: TACH: 2945.5	HOBBS SMOH
	FILL WITH LEAKS, N	H AEROS	HELL 100W UND. WAS	BRI FOUND. IN	ISTALL NEW CHA RUN ENGINE , CHI OWLING THEN RI	8110-1 OIL	L
						Ilm	Edwards A&P 2771253 IA
			- 3			0	A&P 2771253 IA
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	military interest and arrange of
			JU	JUST PLANE MAINTENANCE
	DATE:	REG		MAKE: SERIAL #: TACH: HOBBS SMOH
	04/23/07	N302	DB	LYC. 0320-£20 2911.4 2486.3
	REMOVE OF	D VACUU	IM PLIMP	P P/N 211CC S/N 114598. CLEAN ALL VACUUM LINES
				ACUUM P/N 211CC S/N 127112. TEST RUN ENGINE FOR
	FUNCTIONA	L TEST, C		ECK GOOD. ENGINE FOUND TO BE IN AIRWORTHY
	CONDITION	•		
				2 0, 1
				Jim Edwards — — — — — — — — — — — — — — — — — — —
				A&P 2771253 IA
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TE: REG 30/07 N30 ST RUN ENGINE TI PECT, NO METAL L WITH AEROSHE	3. # ILL OPERAT L OR DEBRI	Technicia ST PLANI MAKE : LYC.	E MAINTEN SERIAL:	ANCE #: TACH:	c pages for oth	her specific en
T RUN ENGINE TI PECT, NO METAL	3. # ILL OPERAT L OR DEBRI	MAKE: LYC.	SERIAL	#: TACH:		
T RUN ENGINE TI PECT, NO METAL	3. # ILL OPERAT L OR DEBRI	MAKE: LYC.	SERIAL	#: TACH:		
T RUN ENGINE TI PECT, NO METAL	3. # ILL OPERAT L OR DEBRI	MAKE: LYC.	SERIAL	#: TACH:		
T RUN ENGINE TI PECT, NO METAL	ILL OPERAT L OR DEBRI	LYC.				
T RUN ENGINE TI	ILL OPERAT L OR DEBRI		L-21812-27/	A 2995.6	N/A	
PECI, NO MEIAL	T OK DERKI	ING TEMP				00733.2
AKS, NONE FOUN SINE MOUNT, CHE EL SCREEN, CHE TALL SPARK PLE MPLIANCE USING CERTIFY THAT TO SPECTION WITH T	3=76/80 #4=7 ID. CHECK E ECK EXHAUS CK ALL FUE UGS. CHECK TDATA IAPP THIS ENGINE THE SCOPE A	76/80. TEST ENGINE CON ST, PRESSU EL & OIL HOS K IGNITION Proach PRO HAS BEEN AND DETAIL	T RUN ENGINE, NTROLS FOR PE JRE TEST, NO D SES. CHECK EL TIMING, NO DEI D. SEE LIST IN LE INSPECTED IN	CHECK FOR ROPER OPER DEFECTS NO LECTRICAL V FECTS NOTE OG BOOKS. ACCORDANG PENDIX "D"	R OIL RATION, CHE TED. CHECK VIRING, CLEA ED. CHECK A CE WITH A 10 AND WAS DE	& CLEAN AN, GAP & AD's FOR 00 HR. ETERMINED
				Ilm	Edward	la
				0	A&P 27712	253 IA
	AKS, NONE FOUN SINE MOUNT, CHE EL SCREEN, CHE ET ALL SPARK PL MPLIANCE USING CERTIFY THAT T SPECTION WITH T	AKS, NONE FOUND. CHECK E SINE MOUNT, CHECK EXHAU EL SCREEN, CHECK ALL FUE ST ALL SPARK PLUGS. CHEC MPLIANCE USING TDATA IAP CERTIFY THAT THIS ENGINE SPECTION WITH THE SCOPE	AKS, NONE FOUND. CHECK ENGINE CON SINE MOUNT, CHECK EXHAUST, PRESSU EL SCREEN, CHECK ALL FUEL & OIL HO ST ALL SPARK PLUGS. CHECK IGNITION MPLIANCE USING TDATA IApproach PRO CERTIFY THAT THIS ENGINE HAS BEEN	AKS, NONE FOUND. CHECK ENGINE CONTROLS FOR PROBINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEL SCREEN, CHECK ALL FUEL & OIL HOSES. CHECK ELST ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEMPLIANCE USING TDATA IApproach PRO. SEE LIST IN LOCERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROACH PRO. SEE LIST IN LOCERTIES THAT THE SCOPE AND DETAIL OF FAR 43 APPROACH PROVIDED THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPROXIMATION TO THE PROBINE HAS BEEN INSPECTED IN SPECTED IN SPECT	AKS, NONE FOUND. CHECK ENGINE CONTROLS FOR PROPER OPER GINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS NOT EL SCREEN, CHECK ALL FUEL & OIL HOSES. CHECK ELECTRICAL WITH ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTE MPLIANCE USING TDATA IApproach PRO. SEE LIST IN LOG BOOKS. CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANG SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" A BE IN AIRWORTHY CONDITION.	CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 18 SPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DE

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JUST PLANE MAINTENANCE

DATE: REG. # 10/28/07 N302DB MAKE:

SERIAL #: TACH: LYC.O-320E2D L-21812-27A 3096.0

HOBBS SMOH N/A

0781.1

TEST RUN ENGINE TILL OPERATING TEMP. DRAIN OIL REMOVE OIL FILTER, CUT OPEN & INSPECT, NO METAL OR DEBRI FOUND. INSTALL NEW CH48110-1 OIL FILTER & FILL WITH AEROSHELL 100W OIL. PERFORM COMPRESSION TEST HOT.

#1=78/80 #2=78/80 #3=79/80 #4=79/80 . TEST RUN ENGINE , CHECK FOR OIL LEAKS, NONE FOUND. CHECK ENGINE CONTROLS FOR PROPER OPERATION, CHECK ENGINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS NOTED. CHECK & CLEAN FUEL SCREEN, CHECK ALL FUEL & OIL HOSES. CHECK ELECTRICAL WIRING, CLEAN, GAP & TEST ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. CHECK AD'S FOR COMPLIANCE USING TDATA IApproach PRO. SEE LIST IN LOG BOOKS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AND INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED

TO BE IN AIRWORTHY CONDITION.

	RECORDING TACH TIME	TODAY'S TOTA	EIN Entries mu	tion of Inspections ast be endorsed with Na	ame, Rating and C	ertificate Number
DATE	TIME	SERV	VICE Technician	or Repair Facility. (Se	e back pages for o	ther specific entri
	37.7					
			JUST PLANE!	MAINTENANCE		
	DATE: 01/08/08	REG. # N302DB	MAKE: LYC.O-320E2	SERIAL #: TAC L-21812-27A 309	H: HOBBS	9881.5 16 0795. 1
	REMOVE & IN RIGHT MAG P	SPECT MAG, F P/N # 08-04370 .	S/N # 07071738 &	MAG. FOUND RIGHT OR MAGNET. REMOVE RETIME TO ENGINE. E TDC. TEST RUN EN	CHECK TIMING	ATING
	ON BOTH MA	NOM MAG CHE	CK UPS CHECK O	000.110	IND.	_
1	ENGINE FOU	ND TO BE IN AI		1.	. 11	1
100	ENGINE FOU	ND TO BE IN AI		Jun	Edward ASP 2771	ds -

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

JUST PLANE MAINTENANCE

DATE: 2-15-08 REG.# N302DB

MAKE: LYC. 0-320E2D

SERIAL #: TACH: L-21812-27A

3146.5

HOBBS SMOH

0881.1

TEST RUN ENGINE TILL OPERATING TEMP. DRAIN OIL REMOVE OIL FILTER, CUT OPEN & INSPECT. NO METAL OR DEBRI FOUND. INSTALL NEW CH48110-1 OIL FILTER & FILL WITH AEROSHELL 100W OIL. 8 QTS. TEST RUN ENGINE FOR LEAK CHECK, NONE FOUND. PERFORM COMPRESSION TEST HOT. #1=78/80 #2=78/80 #3=78/80 #4=78/80 . CHECK ENGINE CONTROLS FOR PROPER OPERATION, CHECK ENGINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS NOTED. CHECK & CLEAN FUEL SCREEN, CHECK ALL FUEL & OIL HOSES, CHECK ELECTRICAL WIRING, CLEAN, GAP & TEST ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. CHECK AD's FOR COMPLIANCE USING TDATA IApproach PRO. & FAA. GOV. SEE LIST IN LOG BOOKS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED

TO BE IN AIRWORTHY CONDITION.

EAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			JUST P	LANE MAINTENANCE
	ATE:	REG. # N302DB	MAP LYC. 0-3	0004 4
F	AEROSHELL 10 COMPRESSION PROPER OPER NOTED. CHEC WIRING, CLEAI CHECK AD'S F	OOW OIL. 8 I TEST HO' ATION, CH K & CLEAN N, GAP & T OOR COMP HAT THIS I	QTS. TEST T. #1=77/80 IECK ENGIN I FUEL SCR TEST ALL SP LIANCE USII ENGINE HAS SCOPE AND	ND. INSTALL NEW CH48110-1 OIL FILTER & FILL WITH RUN ENGINE FOR LEAK CHECK, NONE FOUND. PERFORM 1 #2=76/80 #3=77/80 #4=77/80. CHECK ENGINE CONTROLS FOR NE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS EEN, CHECK ALL FUEL & OIL HOSES. CHECK ELECTRICAL PARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. NG TDATA IApproach PRO. & FAA. GOV. SEE LIST IN LOG BOOKS. S BEEN INSPECTED IN ACCORDANCE WITH AM ANNUAL / 100 HR. DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED
_				Jim Edwards
				7

IR E	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterate Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
				JUST PLANE MAINTENANCE
	DATE: 07-10-08			MAKE SERIAL# TACH HOBBS SMOH C. 0-320E2D L-21812-27A 3246.5 1029.5
	100 W OIL.	TEST RUN	IS FOUND, IN ENGINE, CH	TING TEMP. DRAIN OIL, REMOVE, CUT OPEN & INSPECT OIL FILTER INSTALL NEW CH48110-1 OIL FILTER & FILL WITH 8 QTS OF AEROSHELL HECK FOR OIL LEAKS, NONE FOUND. ENGINE CLEANED, RECOWLED IN AIRWORTHY CONDITION.
				Jim Edwards
				JIM EDWARDS A&P 2771253 IA

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
NO METAL 100 W OIL COMPRES FOR PROF EXHAUST FUEL AND CHECK A 1 CERTIF	ENGINE LOR DEB TEST RUSSION TESPER OPER PER OPER PRESSUIT DOIL HOS ALL AD'S I	DILL OPERATION ENGINE, CHATION. OPS CORE TEST, NO DESCRIPTION COMPLIA	JUST PLANE MAINTENANCE AKE SERIAL # TACH HOBBS SMOH 1029.5 ING TEMP. DRAIN OIL, REMOVE, CUT OPEN & INSPECT OIL FILTER ING TEMP. DRAIN OIL, REMOVE, CUT OPEN & INSPECT OIL FILTER INSTALL NEW CH48110-1 OIL FILTER & FILL WITH 8 QTS OF AEROSHELL IECK FOR OIL LEAKS, NONE FOUND. PERFORM 1/80, # 2= 79/80, # 3= 79/80, # 4= 78/80. CHECK ENGINE CONTROLS HECK GOOD. CHECK ENGINE MOUNT, CHECK DEFECTS NOTED. CHECK & CLEAN FUEL SCREEN, CHECK ALL LECTRICAL WIRING. CLEAN, GAP, & TEST ALL SPARK PLUGS. INCE. SEE LIST FROM T'DATA-IApproach PRO AND FAA.GOV. IT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. AND DETAIL OF FAR 43 APPENDIX D AND WAS DETERMINED ON. JIM EDWARDS A&P 2771253 IA

YEAR	RECORDING	TODAY'S FLIGHT	TOTAL TIME IN	Description of I	Inspections, dorsed with Nar	Tests, Repa	certificate Number
DATE	TIME	rtioni	SERVICE	Technician or Repa	air Facility. (See	back pages for	r other specific en
			л	UST PLANE MAINTEN	NANCE		
	DATE: 8-09-08	REG. N302I			TACH 3343.4	HOBBS	SMOH 1078.1
	NO METAL O 100 W OIL, T	OR DEBRIS	FOUND, INST ENGINE, CHEC	TEMP. DRAIN OIL, F ALL NEW CH48110-1 O K FOR OIL LEAKS, N IRWORTHY CONDITI	OIL FILTER & F ONE FOUND, EN	ILL WITH 8 QTS	S OF AEROSHELL
					Um Ads	ward	
				7	JIM EDWAR		
					A&P 2771253	3 IA	

AR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN		iption of Inspendent				
	1700			Technic					is.)
-				JUST PL	ANE MAINTEN	ANCE			
	DATE: 10-20-08	REG. # N302D		KE 0-320E2D	SERIAL # L-21812-27A	TACH 3390.8	HOBBS 3056.8	SMOH 00.00	
	CHECK OIL LE	HT CASE	S TO CHUC	K NEY IN	TERPRISES FOR	R REPAIR. I	NSPECT AL	L	
	INTERNAL PAR LIFTER BODYS NO DEFECTS N	RTS PER I	LYCOMING ALL GEARS	SERVICE AND OIL	E MANUAL, CRA	ANK SHAFT, LERS, OIL PU	, CAM, LIFT UMP HOUSIN	TERS, NG,	
	AND NUTS P/N	SL12186,	ROD BEARI	INGS, P/N	18M19388, MAIN 641543, REPLAC	N BEARING	CTION SCRE	EEN	
	P/N 70484, PLU	G P/N 693	35, GASKET	P/N 61183	4. MAJOR OVER	DER ASSEM	BLIES PER		
	VALVE JOB AN	ND LAP V	ALVES ON	ALL CYL	ENCINE CLEAD	N. GAP AND	TEST ALL S	SPARK	
	PLUGS. INSTA	ALL NEW	CH48110-1	OIL FILL	ER AND FILL W. YCOMING SER'D RUN ENGINE	VICE MANU	AL. NO LEA	KS	
	NOTED. LET E	NGINE C	COOL DOWN	LEAKS NO	D MOIT PRIORIE				
	LI TOIL IS S				4		wards		
					0	JIM EDWA	RDS 53 IA		

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE		rea musi de	ennun	ioeu wiiii iya	ITHE HOTIPOLO	epairs and Alterations and Certificate Number of s for other specific entries.)
			JU	ST PL	ANE MAIN	TENA	NCE		
- NO MI 100 M COMI FOR P EXHA FUEL CHEC	RUN ENGIN ETAL OR DE IN. OIL. TES PRESSION T ROPER OPE UST, PRESS AND OIL HO CK ALL AD'S	EBRIS FOOT RUN ENTER HOT, ERATION. URE TES' OSES. CHOS FOR COTHIS AIR THE SO	UND. INSTAL NGINE, CHECK # 1= 78/80, # OPS CHECK T, NO DEFEC ECK ELECT MPLIANCE. CCRAFT HAS COPE AND D	TEMP. LL NE CK FO 2= 77/ CGOO CTS NO RICAL SEE L	DRAIN OIL W CH48110 PR OIL LEA 80, # 3= 78/8 D. CHECK DTED. CHE L WIRING. LIST FROM	7A L, RE -1 OI KS, N 00, # 4 ENGI CK & CLEA A.D.	L FILTER & ONE FOUN = 76/80. CH NE MOUNT CLEAN FU N, GAP, & 7 TOOL BOX	E FILL WITH ID. PERFOR ECK ENGIN I, CHECK VEL SCREEN TEST ALL S INCE WITH	N, CHECK ALL PARK PLUGS. A 100 HR.
						J	JIM EDWA	RDS	

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EAR ATE	TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration: Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)					
			RIVER VA	LLEY	AVIATION				
DATE	R	EG.#	MAKE	:	SERIAL#:	TACH	SMOH	T.T.E. 3512.0	
LIMIL		302DB	LYC. 3-320	E2D	L-21812-27A	3512.0	0122.0	3512.0	

NO METAL OR DEBRI FOUND, INSTALL NEW OIL FILTER P/N CH48110-1 & 100W OIL. GROUND RUN ENGINE, CHECK FOR OIL LEAKS, NONE FOUND. PERFORM COMPRESSION TEST HOT, #1=76/80 #2=76/80 #3=77/80 #4=78/80.

CHECK ENGINE CONTROLS FOR PROPER OPERATION, CHECK ENGINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS NOTED. CHECK & CLEAN FUEL SCREEN, CHECK ALL FUEL &

OIL HOSES. CHECK ELECTRICAL WIRING, NO DEFECTS NOTED. CLEAN SPARK PLUGS, GAP & TEST ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. CHECK AD'S FOR COMPLIANCE

USING A.D. TOOL BOX. SEE LIST IN ENGINE LOG BOOKS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED

TO BE IN AIRWORTHY CONDITION.

A&P 2771253 IA

DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)					
			RIVER VA		AVIATION SERIAL #:	TACH	SMOH	T.T.E.	
DATE	; R	EG.#	*****			3595.7	0205.7	3595.7	
12-10-2		302DB	LYC. 3-320		DRAIN OIL, REM				D

GROUND RUN ENGINE TILL OPERATING TEMP. DRAIN OIL, REMOVE, CUT OPEN & INSPECT OIL FILTER, NO METAL OR DEBRI FOUND. INSTALL NEW OIL FILTER P/N CH48110-1 & FILL WITH AEROSHELL 100W OIL. GROUND RUN ENGINE, CHECK FOR OIL LEAKS, NONE FOUND. PERFORM COMPRESSION TEST HOT, #1=75/80 #2=76/80 #3=77/80 #4=74/80.

CHECK ENGINE CONTROLS FOR PROPER OPERATION, CHECK ENGINE MOUNT, CHECK EXHAUST, PRESSURE TEST, NO DEFECTS NOTED. CHECK & CLEAN FUEL SCREEN, CHECK ALL FUEL & OIL HOSES. CHECK ELECTRICAL WIRING, NO DEFECTS NOTED. CLEAN SPARK PLUGS, GAP & TEST ALL SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. CHECK AD'S FOR COMPLIANCE USING A.D. TOOL BOX. SEE LIST IN ENGINE LOG BOOKS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

JIM EDWARDS A&P 2771253 IA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alt Entries must be endorsed with Name, Rating and Certificate Nu Technician or Repair Facility. (See back pages for other specific
-				

RIVER VALLEY AVIATION

DATE: REG. # MAKE: SERIAL #: TACH SMOH T.T.E. 12-05-2011 N302DB LYC. 3-320E2D L-21812-27A 3619.2 0229.2 3619.2

GROUND RUN ENGINE TILL OPERATING TEMP. DRAIN OIL, REMOVE, CUT OPEN & INSPECT OIL F NO METAL OR DEBRI FOUND. INSTALL NEW OIL FILTER P/N CH48110-1 & FILL WITH AEROSHELI 100W OIL. GROUND RUN ENGINE, CHECK FOR OIL LEAKS, NONE FOUND. PERFORM COMPRESS TEST HOT, #1=78/80 #2=77/80 #3=78/80 #4=75/80.

CHECK ENGINE CONTROLS FOR PROPER OPERATION, CHECK ENGINE MOUNT, CHECK EXHAUS'
PRESSURE TEST, FOUND CRACKS IN MUFFLER. CHECK & CLEAN FUEL SCREEN, CHECK ALL FUE
OIL HOSES. CHECK ELECTRICAL WIRING, NO DEFECTS NOTED. CLEAN SPARK PLUGS, GAP & TE
SPARK PLUGS. CHECK IGNITION TIMING, NO DEFECTS NOTED. CHECK AD'S FOR COMPLIANCE

USING A.D. TOOL BOX. SEE LIST IN ENGINE LOG BOOKS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX "D" AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

JIM EDWARDS A&P 2771253 IA

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE		be endorsed with Name, Rating	
DATE	TIME		SERVICE	Technician of	Repair Facility. (See back pag	es for other specific entrie
			P	riority Av	iation, Inc.	
				133 Polk 52 M		
				www.priority		
	Cessna 177		N.	302DB	S/N 17701132	
	Replaced muf	fler with	like new	serviceable.		
		1	al for	/.		
	Nathan Cline	10	00/1		A/P 2960786	1-27-2012
		<	Tu	479-	518-5890	>
	07-07-12 N202700					
	N302DB Tach 334	5.42	Hobbs 2001	25		
	*Installed new W/O# 165482	retread L/F	17 7/111	N 606C61B1 S/N	70437151 see Aero Wheel and Brak	
		retroad D/	H main tire P/ (06, 2011.	AT COCOCO COO		- Carrios Corporation





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08-02-12 N302DB

Tach 3681.62 Hobbs 3379.4

*Installed new Right Rear exhaust riser P/N A1754007-1 S/N 20551 with new flange gasket P/N RA77611.

*Installed new Right Front exhaust riser P/N A1754010-1 S/N 20707 with new flange gasket P/N RA77611.

*Installed new intake pipe P/N 74084 on cylinder #3.

*Installed new intake flange gaskets P/N 71973 on all 4 cylinders.

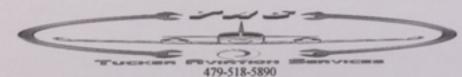
*Installed all new spark plugs P/N REM40E.

*Installed 1 new lower cowling mount P/N J7444-14

*All work IAW Cessna 177 service manual.

B:10_____ AP3066259IA ber

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08-02-12

N302DB Lycoming O-320-E2D S/N L-21812-27A

Tach 3681.62 Hobbs 3379.4

*Changed engine oil and filter.

*Cut open old filter for inspection, no notable contaminants found.

*Sent oil sample out for analysis, see AOA sample number 44150051633 sampled 08-01-12.

*Installed new oil filter P/N AA48110-2

*Serviced with 7 quarts Phillips X/C 20W-50.

*All work IAW Cessna 177 service manual.

B10 Jakes AP3066259IA



rations nber of entries.)

12-07-12

Lycoming O-320-E2D S/N L-21812-27A N302DB

Hobbs 3420.6 Tach 3715.89

- *Installed 4 new intake hose connections P/N STD-1196.
- *Installed 4 new intake pipe to cylinder gaskets P/N 71973.
- *Compressions checked #1-79/80; #2-76/80; #3-79/80; #4-75/80.
- *Dynamically balanced propeller to within .05 IPS.
- *All work IAW Cessna 177 service manual.



02-11-13

N302DB Lycoming O-320-E2D S/N L-21812-27A

TSMOH 331.01 Tach 3721.81 Hobbs 3429.1 ETT 3721.81 (unverified due to missing logs)

- *Inspected Engine and Propeller IAW Cessna 177 100 hour inspection.
- *Compressions checked #1-79/80; #2-77/80; #3-77/80; #4-72/80.
- *Inspected, cleaned, gapped, painted, and reinstalled sparkplugs in rotated positions.
- *Installed new vacuum pump P/N RAP215CC S/N A50078 with new flange gasket P/N 82-50130B and new drive gasket P/N 61183.
- *Changed engine oil, serviced with 6 qts. Phillips X/C 20W-50 and 8oz. of Camguard.
- *Cut open old oil filter for inspection, no notable contaminants found.
- *Installed new oil suction screen P/N 70484 with new AN900-16 gasket.
- *Installed new oil filter P/N AA48110-2.
- *Installed new Left front exhaust riser P/N A1754009-1 S/N 22860.
- *Installed new Right front exhaust riser P/N A1754008-1 S/N 24105.
- *Solvent washed engine.

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ations per of ntries.)

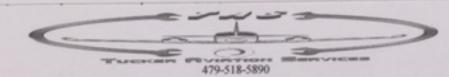
(Continued Engine Annual entry from 02-11-13)

*Test ran engine for ops and leak check, checks okay at this time.

*Checked AD's up through 02-11-13.

*All work IAW Lycoming O320 service manual and Cessna 177 service manual.

*I Certify this Engine and Propeller has been inspected IAW an Annual inspection and has been determined to be in Airworthy condition. AP3066259IA



09-25-13

Lycoming O-320-E2D S/N L-21812-27A N302DB

TSMOH 376.49 ETT 8397.7 Hobbs 3483.5 Tach 3767,29

*Changed engine oil and filter.

*Installed new filter P/N AA48110-2 and cut open old filter, no notable contaminants found.

*Serviced with 6 qts. Phillips X/C 20W-50 and 8 ounces ASL Camguard.

*Solvent washed engine and ran for leak check, checks ok at this time.

*All work IAW Cessna 177 series service manual.



04-01-14

N302DB Lycoming O-320-E2D S/N L-21812-27A

Hobbs 3552.5 ETT 3821.51 (unverified due to missing logs) TSMOH 430.71 Tach 3821.51

*Inspected Engine and Propeller IAW Cessna 177 100 hour inspection.

*Compressions checked #1-79/80; #2-77/80; #3-77/80; #4-72/80.

*Inspected, cleaned, gapped, painted, and reinstalled sparkplugs in rotated positions.

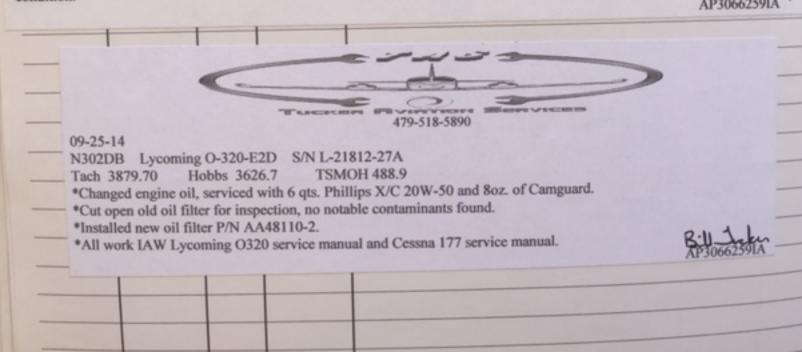
*Installed new engine air filter P/N BA5705.

(Continued on next page)

et P/N

(Continued engine annual log entry from 04-01-14)

- *Changed engine oil, serviced with 6 qts. Phillips X/C 20W-50 and 8oz. of Camguard.
- *Cut open old oil filter for inspection, no notable contaminants found.
- *Installed new oil suction screen P/N 70484 with new AN900-16 gasket.
- *Installed new oil filter P/N AA48110-2.
- *Sent oil sample out for lab analysis, see AOA oil sample #44150087575, results appear normal.
- *Installed serviceable aft spinner bulkhead P/N 1750043-1.
- *Solvent washed engine.
- *Test ran engine for ops and leak check, checks okay at this time.
- *Checked AD's up through 04-01-14.
- *All work IAW Lycoming O320 service manual and Cessna 177 service manual.
- *I Certify this Engine and Propeller has been inspected IAW an Annual inspection and has been determined to be in Airworthy condition.



03-14-15 N302DB

YEAR

DATE

Lycoming O-320-E2D S/N L-21812-27A Tach 3910.27 Hobbs 3664.9 TSMOH 519.47

*Changed engine oil, serviced with 6 qts. Phillips X/C 20W-50 and 8oz. of Camguard.

*Cut open old oil filter for inspection, no notable contaminants found. *Installed new oil filter P/N AA48110-2.

*All work IAW Lycoming O320 service manual and Cessna 177 service manual.



05-15-15 N302DB

Lycoming O-320-E2D S/N L-21812-27A TSMOH 530.76 ETT 3922.27 Hobbs 3686.9 Tach 3922.27 *Inspected Engine and Propeller IAW Cessna 177 100 hour inspection.

- *Compressions checked #1-78/80; #2-78/80; #3-76/80; #4-73/80.
- *Inspected, cleaned, gapped, painted, and reinstalled sparkplugs in rotated positions.
- *Installed new engine air filter P/N BA5705.
- *Solvent washed engine.

Airworthy condition.

- *Test ran engine for ops and leak check, checks okay at this time.
- *Checked AD's up through 05-15-15.
- *All work IAW Lycoming O320 service manual and Cessna 177 service manual.

*I Certify this Engine and Propeller has been inspected IAW an Annual inspection and has been determined to be in

tions er of YEAR ries.) 479-518-5890 DATE 12-04-15 Lycoming O-320-E2D S/N L-21812-27A TSMOH 575.08 Tach 3965.88 Hobbs 3730.4 *Changed engine oil, serviced with 6 qts. Phillips X/C 20W-50 and 8oz. of Camguard. *Cut open old oil filter for inspection, no notable contaminants found. *Installed new oil filter P/N AA48110-2. *All work IAW Lycoming O320 service manual and Cessna 177 service manual. 7ACH 3981,5 Cessna 177 Cardinal N302DB 585.85 MBH Lycoming 0-320 September 23, 2016 I certify this engine has been inspected IAW A Annual Inspection and was found to be in airworthy condition. Type of RHUR XC Zax -50 AND BOX of Comgump Filter 48/10-2

Au used Personnel Ita Mycomy o 520 Square Myune

