

Engine Record General Inforr	mation	
X.		
Manufacturer CESSNA L	JOOMING Model ZO-3	360-A186D
Serial <u>L-7653-5/A</u>	Type Certificat	te
		- 8-76
Minimum Octane Fuel	Oil Grade Summer	Winter
		Winter Firing Order

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	- Tambel Of		
DATE	TIME		SERVICE	reclinician of Repair Facility. (Occ back pages for other specific entries.)		
				Aircraft Services		
			38	300 Zia Blvd, LL		
			4	Aircraft Services, LL 9300 Zia Blvd. C Ge Cruces, NM 8800		
	1			(505) 527-4417		
		Lycomir	o IO-360-A	1B6D, Ser No L-9653-51A, TT: 2897.8 SMOH:0		
		Lycomin	1510 500 11	, , , , , ,		
	4	This eng	gine was ov	erhauled IAW Avco Lycoming Overhaul Manual and all		
		applicab	le Service	Bulletins and Airworthiness Directives. Crankshaft was		
100		inspecte	d, ground to	0.003 on rod and main journals, magnafluxed, renitrided		
		and flan	ge replated.	New cw bushings installed and reconditioned per Lyc SI-		
		1143B.	Camshaft	reground and magnafluxed. All rods checked for		
		alignme	nt, inspected	d per magnetic particle inspection and rebushed, as were		
				ppet bodies checked for condition and certified for return		
				eviously described work performed by Rick Romans and		
		yellow t	to comice h	nkcase inspected, repaired and overhauled by DIVCO and by Yellow tag. Engine was reassembled with reconditioned		
		cylinder	s by Perfor	mance Air Parts which included new nickel barrels, new		
		Pistons	Rings Ro	cker arm shafts and valves. Oil cooler overhauled by		
		Pacific	Oil Cooler.	starter and alternator by Falcon Accessories (sent by		
		owner).	Installed I	Factory OV'd magneto and new ignition harness. Fuel		
	1	controll	er was replac	ced with an overhauled unit by Kelly Aerospace Systems.		
				Continued on next page		

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endo	orsed wi	ions, Tests, Repairs and Alterat ith Name, Rating and Certificate Number c. (See back pages for other specific entri	of
DATE				recommendant of repair	1 acinty	. (Dee Back pages for other specific entity	100.)
		The	following p	arts were installed in th	is engin	e: —	- 1
		1 2	2524054 Fue	el Servo	1	05-19010 Fuel Pump	
8.7				namp Spark Plugs		LW25.150 Bolts	
				Crankshaft Gear	4	73772 Oil Nozzles	
			AND SOURCE CONTRACTOR AND	Oil Press Ball	1	LW18085 Oil Press Spring1	
	1	1 1	AEL13792	Crank Oil Seal	8	13212AM03 Rod Bngs	1
		4 /	AEL11021N	103 Main Bngs	2	AEL13884M03 Frnt Bngs	
		8 2	AEL78290 H	Hyd. Lifters	8	AEL78524 P.R. sockets	
		1 1	AEL10332 I	Lockplate	8	AEL7506 ORod Bolts 7506CL	
		8 2	AEL 12186	Rod Nuts	1	LW18109S Oil Pump Gear kit	
		1 1	LW14040 O	il Pump Drive shaft	1	6116 Thrust Button	
		1 /	AEL61544 (Oil Pump Plunger	24	AEL383B Crankcase Nuts	
		24	AELSTD20	90 Nuts	32	SL-STD1925 Washers	
		1 5	SL12944 OV	/H Gasket Set	25	STD-35 Washers —	
		25	MS35333-4	1 Lock Washers	25	STD-1410 Nuts	
		25	SL-STD141	1 Nuts	1	AN8-14A Crank Gear Bolt	
			77569 O-rin		3	STD-2249 Nuts —	
	in the second	5 5	SL25-1.13 C	Case Bolts	2	SL25-1.75 Case Bolts	
. 3			LW25.1.50			CL 13NIC Cylinder Assys	
		4	AEL 14077	Piston Pins		ncluded pistons, rings,rocker — afts, valves)	7
				(CONTINUED)	_	

Fuel distributor and hoses (firewall forward) to be sent in by owner for overhaul and installation at time of engine installation. June 13, 2006 M.D. Jones AP 585182681 IA BOKADA AERO SERVICES Make: Cessna Model: 177RG Serial # 177RG0303 N#1903Q W/O # B08-000 Date: 1/30/08 Tach Time: 872.1 Eng. Total Time: 2897.9 TSMOH: 0.0 Removed Engine Mount, Inspected, Repainted and Reinstalled with new hardware. Installed Overhauled Engine with new engine mounts. Installed New Exhaust System from Dawley Aircraft Exhaust Systems Installed new hose assemblies from Precision Aircraft Hoses. Replaced all heat ducting (Scat Hose) Installed Overhauled Fuel Distributor and Fuel Servo from Martin Induction. Installed Overhauled Starter and Alternator from Falcon Aircraft Accessories. Repaired Baffeling and Baffle Seals as Needed. William H. Johnson A & P # 263064249 Las Crylices International Airport (KLRU)	YEAR	TACH	FLIGHT	TOTAL TIME IN	otion of Inspections, Tests, Repairs and Alterations oust be endorsed with Name, Rating and Certificate Number of	
Dokada Aero Services June 13, 2006 M.D. Jones AP 585182681 IA	DATE	TIME		SERVICE	Technicia	an or Repair Facility. (See back pages for other specific entries.)
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William II. Johnson C. J.	Removed Engine wit Installed n	Engine Moui h new engine ew hose ass	nt, Inspect e mounts emblies f	cted, Repair Installed Notes of the Installed	nted and R New Exhaution Aircraft	st System from Dawley Aircraft Exhaust Systems Hoses. Replaced all heat ducting (Scat Hose) from Martin Induction. Installed Overhauled Starter
Las Cruces International Airport (KLRU)	Milliam H	Johnson / A	نده در	med 11	1	A & P # 263064249
	v viiiiaiii II.	onnoon <u>ox</u>		Las Criuc	es Internat	tional Airport (KLRU)

YEAR Date	TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			BOKA	ADA AERO SERVICES
Make: C	essna	M	odel: 177B	Serial # 177RG0303
N#19030	2	M	I/O # B08-0	000 2738.9 Date: 1/30/08
Tach Tir	ne: 872.1	I E		me: 2897.9 TSMOH: 0.0
and all a #3 78/80 Installed Fuel ser I certify airworth	pplicable co), #4 79/80. I I new bracke vo to proper this engine h by condition o	ntinued a nstalled it air filter pressure nas been on this da	new filter Clarelement Bases. No Currelement III	late IAW FAR 43 App. D , Cessna Service Manual s data. Cylinder Compression check #1 79/80, #2 78/80 H48101 and serviced with 8 quarts Phillips X/C 20W50 oil. A-5705. Installed new spark plugs RHM40E. Adjusted ent AD's apply at this time. AW 100 Hour Inspection and was determined to be in
William	H. Johnson	hirl		A & P # 263064249
		-	Las C	uces International Airport (KLRU)
2/28/	os 891.0	5		Drained oil & Removed Felter Inspected fitte to aretal Many Journal Instabled Where Inthe MCF-100 Deviced with 7 gts Philosops XC 2000 Children Hollow

EAR <u>00</u> 8 ATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	I Entries must be endorsed wit	ions, Tests, Repairs and Alterations th Name, Rating and Certificate Number of . (See back pages for other specific entries.)	VEA
			BOK	ADA AERO SERVIO	CES	- UAI
Make: 0	^ecena	1		el: 177RG	Serial # 177RG0303	
N#1903		1		# B08-119	Date: 8/04/08	
	ime:917.3			Total Time: 2943.1 2784.	MANAGE BANKS AND STREET	_
		noved filte			Installed new filter P/N CFO-100-1	
and ser	viced with 7	quarts P	hillins XC 2	20W50 Oil. CW AD 2088-14	-07 (Injector Line Inspection)	T —
	ie 100 Hrs. o				. ()	-
) v	3	
Run-up	and Leak c	heck perf	ormea. No	discrepancies found.		-
Run-up	and Leak c	heck perf	ormed. No	discrepancies found.		
			ormed. No	o discrepancies found.	A & P # 460438513	-
	and Leak cl			o discrepancies found. ruces International Airport (K	AS ANY DECEMBER 1904 TRANSCUS SINCE SEGMENT AND ASSESSMENT AS A SECOND S	
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(EAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must b	of Inspections, Tests, Repairs and Alterations e endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)
			Las	Cruces Aer	o Services LLC
					ional Airport (KLRU)
Make:	Lycoming	Y	Model:10-3	360-A1B6D	Serial # L-9653-51A
N# 19			W/O #	(Date: 02-11-09
Tach	Time: 945.0		Eng. Total	Time: 2811.8	TSMOH: 72.9 sna service manual and all applicable airworthiness
secur cvr.ga Next	ity.Inspected asket to cycli due 100hr/a	l and cle inder # 3 nnual.	aned all fuel P/N 08-003	I screens.Inspe 803.C/W AD 20	vel.Inspected all fuel and oil lines for condtion and cted magneto to engine timing.Replaced Rocker 08-14-07 (injector line inspection)
I cert	ify this engin	e has be	en inspecte	d IAW 100 Hou	ır Inspection and was determined to be in
airwo	orthy conditio	n on this	date.		· · · · · · · · · · · · · · · · · · ·
Osca	ar Reyes	hu.		A & P # 46043	88513
		+ 			
* 15 to 1			WB)		

YEAR	RECORDING TACH	TODAY'S FLIGHT	TIME IN	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of
DATE	TIME	F2.	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
			201	
			Las	Cruces Aero Services LLC
			ϵ	685 White Lightning Dr.
				Las Cruces NM.
	Tach:	947.5 E	ETT:2814.3	TSMOH: 75.4 Date:07-01-10
	and al for me servic systen filters reinsta as foll elemen 07 Inje I certif	Il applicated. None et al. None et al. None et al. Inspecte alled spar lows: #76 nt. The for ector line fy this eng	ble airworthing found. Instantial found in the found in the following the following A.D. by visual integrated by the following t	ion IAW with Far 43 app.d Cessna service manual mess data. Drained oil and inspected filter cartridge talled new CFO-100-1 oil filter element and x/c 20w 50 oil. Inspected induction and exhaust e controls. Removed, cleaned and inspected all fuel magneto timing. Removed, cleaned, gapped and new M-674 Gaskets. Engine compressions were 0 #3 79/80 #4 76/80 Installed new BA-5705 Air 0's were complied with at this time: A.D 2008-14- spection. Next due 100 hr/annual. in inspected IAW a 100 hr inspection and was is date. A&P 460438513

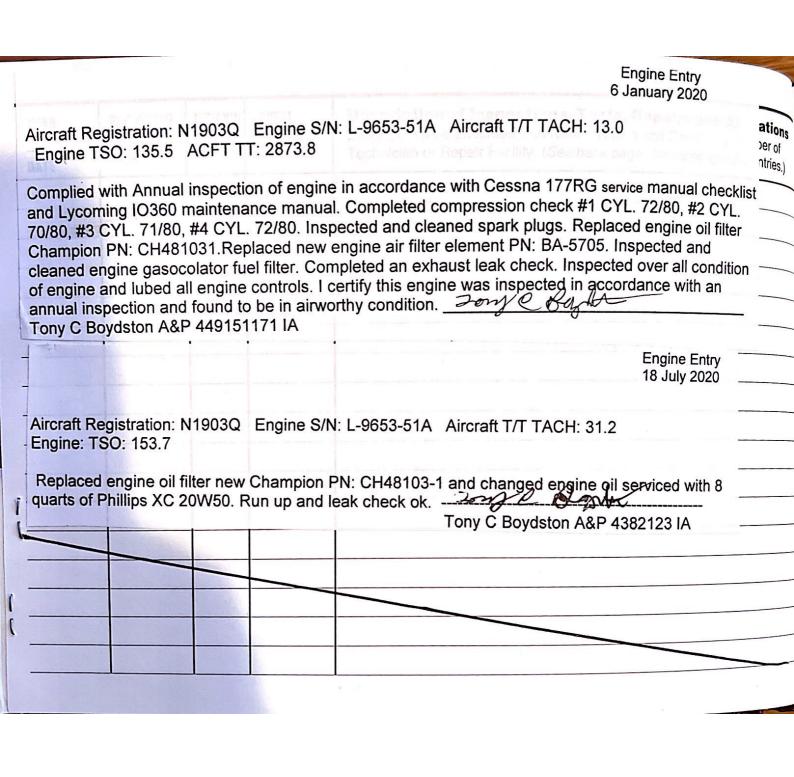
EAR ATE	RECORDING TODAY'S TACH TIME	TIME IN E	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
		M.V	'.A.O. LLC
			nternational Airport (KLRU)
	Make: Lycoming	Model: IO-360	
	N#: 1903 Q	W/O#	Date: 05-18-2016
	Tach Time: 955.3	ENG.T.T: 282	
	plugs. Reinstalled with and gascolator.Inspection following A.D's were distributed inspection. Next I certify this engine has a serior plugs.	n new M-674 gasted engine to me complied with interest due 100hr/Annus been inspected.	ge for inspection. No metal found.Intalled new CFO-100-1 7qts. Phillips X/C 20W50 oil.Removed and serviced spark skets and torqued.Inspected and cleaned all fuel screens nagneto timing.Installed new BA 5705 air element. The this date:A.D. 11-26-04 External fuel injectior lines by hual.
	airworthy on this date Oscar Reyes	hu-1	A&P# 460438513

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of l	idorsed wiin ivame.	. Haiing and C	Artiticata Numb
DATE	TIME		SERVICE	Technician or Repa	air Facility. (See ba	ick pages for c	other specific entries
	N	11903Q		a Teresa ERO SER	V Œfigifie Lo	g amount and and the contractives	DY HOLDS
	And Constitution of		-		Avionica Maintenence Sales		THE TRANSPORT OF THE TR
	. Sample of the state of the st		8075 Alipor	pt Rd. • Santa Teresa NM 88003	Phone Number: 578-674-7775		
	Section de la company						TO SECURE THE PROPERTY OF THE
	See all		Make: LYCOMING	Model: IO-360-A1B6D	S/N: L-9653-51A		No. of Control of Cont
	+ 6	SMOH: 85.9	.9 ENTT: 2824	4.8 TTAF: 2824.8	HOBB:		
	1	certify that this	s engine has been ins	coming M/M. Compressions: spected IAW a 100 Hour Inspe	ection & was determined to		
	in	an Airworthy	Condition at this tim	me & is approved for return to	service.		
	E	38St	ttle	>			-
	A.	&P2232200 I.A	A.				
	V	Vork accomy	plished at STA. A	Aero Services, LLC.			
		Diagram and a second	AS TATAL YOUR AND A STREET OF THE STREET OF	OF CO. COLOR		TO SERVICE MANAGEMENT	

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, To Entries must be endorsed with Name, Technician or Repair Facility. (See ba	Rating and Certificate Number of
		Tai	te: 02/02/20 il#: N1903Q ke: LYCOMI		S/N: L-9653-51A
		CO 2/0/ CO SP/ TSI I CE WIT	MPLIED WIT 2/19. MPRESSION ARK PLUGS MOH: 87.7 ERTIFY THA	TH ANNUAL INSPECTION PER CESSNA I TH AD11-26-04 FUEL INJECTION LINES, I N RESULTS: #1-78, #2-77, #3-74, #4-76. C S. ENTT: 2826.8 IT THIS AIRCRAFT HAS BEEN INSPECTE JAL INSPECTION AND WAS DETERMINE	NEXT DUE1059.8 OR LEANED AND GAPPED D IN ACCORDANCE
				EN STETLER R 14 MAINTENANCE SOLUTION Sign :	Cert: A&P 223220 IA

RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Al Entries must be endorsed with Name, Rating and Certificate N
TIME		SERVICE	Technician or Repair Facility. (See back pages for other specific
6. 8.8			
Date: 1	11/05/2018	B Hours: (989.1
1		Me	lodel: 177 RG S/N: 0303
Inspecte	ed engine	and propeller	r Compression #1 79/80 #2 79/80 #3 79/80 #4 79/80
#5. Clea	an and rota	ate andgap sp	park plug Checked Magneto Timing. I certify that this
engine a	and propel		inspected IAW a 100 hour inspection and was found
to be air	worthy.		
			전 1000년 12 12 12 12 12 12 12 12 12 12 12 12 12
3 2			
Name: F	Robert Nin		Cert: A&P 3616077 IA
_ Co:		Freu	Sign
	Date: Tail#: Nake: Olimpecter #5. Clear engine a to be air	TACH TIME Date: 11/05/2018 Tail#: N1903Q Make: Cessna Inspected engine #5. Clean and rota engine and propel to be airworthy. Name: Robert Nin	TACH TIME Date: 11/05/2018 Hours: Tail#: N1903Q Make: Cessna M Inspected engine and propeller #5. Clean and rotate andgap spengine and propeller has been to be airworthy. Name: Robert Nin

YEAR 2018 Date	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspe Entries must be endorsed Technician or Repair Faci	with Name, Rating ar	
11-0418			19	TACHTIME TOD	py 9891	
				LAST OIL CH	ANGE 755, 3	and the second
				ALL TIME	24 0	
2/14/19	2			Bused on earlie	ndabe and	Vine 297 0
	2				Engine TT	71,0 HRS
						Engine Entry 30 March 2019
Engi	ne: TSO: 12	22.5		ne S/N: L-9653-51A Airc		
(due	replacemen	nt at over	haul). Rep	IE23093 I/A/W Lycoming laced engine oil filter ne luarts of Phillips XC 20V	Executive pub EXECUTIVE IM	lication SSP_885_2
				104	ORDER HUMBER	LOCATION
					159009	026.004.01.B
				The second second second	PART NUMBER	QUANTITY
					54E23093 DESCRIPTION	
						PLATE-OIL F EA
All Carrier					CURE DATE 4015	EXP DATE 4Q10



		TOVAL LAST AT	Constitution of inspections, Vestor 124 May 2021
craft Regingine TS	stration: N190 D: 155.3 ACI)3Q Engine FT TT: 2893.0	S/N: L-9653-51A Aircraft T/T TACH: 32.8 6
d Lycomir	ng IO360 mair	tenance mar	gine in accordance with Cessna 177RG service manual checklist nual. Completed compression check #1 CYL. 70/80, #2 CYL.
er elemen	t PN: BA-570	5. Inspected a	Inspected and cleaned spark plugs. Replaced new engine air and cleaned engine gasocolator fuel filter. Completed an
			condition of engine and lubed all engine controls. I certify this ith an annual inspection and found to be in airworthy condition.
GINE Was		CCOIdance w	Tony C Boydston A&P 4382123 IA
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	v.		
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YEAR	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
DATE	TIME	FLIGHT		

- Posada Aviation LLC (813) 377 3089 posadaaviation@gmail.com

A/C: N1903Q Hobbs: 0.0 Tach: 206.6 TSMOH: 329.3 Date: 06/17/2022

Lycoming IO-360-A1B6D S/N L-9653-51A

Performed engine annual inspection in reference to engine manufacturer's recommendations and Cessna Cardinal RG Series Service Manual P/N D991-3-13, Rev. 3 Dated Sep 1974, inspection criteria; serviced engine oil w/7 quarts of Philips 20W50 + oil filter 48103-2 + 11.2 Oz of camguard, cut and inspected oil filter, no defects found; gathered oil sample sent to Blackstone Labs for records. Removed and replaced Bracket Air Filter element with new BA-5705; cleaned, inspected, gapped, rotated, and reinstalled sparkplugs; removed cracked fuel injector lines from cylinders 1, 2, and 4, replaced with new P/N LW-12098-0-140 and LW-12098-0-210 (2 and 4). C/W AD 2015-19-07, performed installation of new lines, and visual final checks per SB 342-G. Removed LH Exhaust shroud and tig-welded support bracket of shroud to front engine support rod, installed new attaching hardware, verified security of assembly. Finished installation of EDM830 JPI Secondary EMS S/N 45653 by installing the following new engine sensors: MAP P/N 604010 S/N 10792, Fuel Flow P/N 700900-1 S/N 230762, dual Bendix magneto RPM sensor P/N 420808 and oil pressure P/N 3060-18. Installed serviceable secondary oil pressure line from T, to analog gauge fitting Aeroquip 303-3 w/ AE102 fire sleeve. Fabricated bracket to support fuel flow sensor on top of engine by fuel divider; verified security and all hardware of installation. Installed new Aeroquip 303 line with AN fitting between Cylinder 4 and MAP sensor; washed engine with pressurized mineral spirits; ran engine for leak, operation and performance check; checked and complied with applicable recurring airworthiness directives.

Cylinder Compressions: #1: 78/80 #2: 70 /80 #3: 74/80 #4: 78/80

I certify this engine has been inspected this date IAW scope and details of 14 CFR 43 Appendix D guidelines and determined to be in airworthy condition. RTS by

Nicolas Posada IA #3690890

DATE	TIME	Y	SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)	
	A/C: N1903	Q Ho	bbs: 45.8 T	3089 posadaaviation@gmail.com Tach: 244.3 TSMOH: 367.0 Date: 09/08/2022 L-9653-51A	
	Cardinal RG	series 1 P/N: SL6	971 - 1975 0430 and Ga	onents including Pump P/N: 215cc - S/N: 7435. Performed work IA service manual P/N:D991-3-13, dated September 1974. Installed vacuusket P/N: 653487. Ran engine for leak, operation and performance check	
	Posada Aviation LLC (954) 822 0546 posadaaviation@gmail.com A/C: N1903Q Tach: 223.0 Date: 07/21/2022 Lycoming IO-360-A186D S/N L-9653-51A				
	P/I 71 bre eng	N STD14 973; set eather lin gine with eck. RTS	110 and was torque to Ly e with new S n pressurized by	all Exhaust gaskets w/ new P/N 75118 (x8), installed with new nuts hers P/N STD35 and STD475. R/R Intake gaskets with new P/N coming recommended specs. Removed and replaced oil separator Scat tube, routed and secured overboard by RH cowl flap. Washed mineral spirits. Ran engine for leak, operation and performance	
	Ni	colas Po	sada A&P 30	690890	

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of

RECORDING

TACH

YEAR

TODAY'S

FLIGHT

TOTAL

TIME IN

YEAR ————————————————————————————————————	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	
12/16/2012	270.1			at most 270.1	
	POSAV LLC (813) 377 3089 niko@flyposav.com A/C: N1903Q Hobbs: 104.0 Tach: 291.7 Date: 01/17/2023 Lycoming IO-360-A1B6D S/N L-9653-51A Removed, sent to repair, and reinstalled LH muffler and attached perpendicular bracket with new washer spacers, bolt, and nut to engine mount bracket support. Reattached Risers to cylinders 2 and 4 with gaskets and hardware serviceable removed. Ran engine for leak, operation and performance check. RTS by Micolas Posada A&P#3690890				