

N52862
IO-360-A186P

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE SERIAL NUMBER RL-7770-51A

IN SERVICE DATE 052600 ENG. T.T. 0.0

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING IO-360-A1B6D RL-7770-51A
 MAKE MODEL SERIAL

FROM 05/26/2000 19 TO _____ 19 _____

DETAILING TIME FROM _____ 0.0 TO _____
 HOURS HOURS

SSP 1872-1

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October 1994

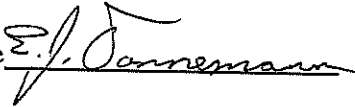
TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.

TLRED-489
(Rev. 10-96)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All applicable Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: IO-360-A1B6D
Serial #: RL-7770-51A
Total Time: 0.0
Work Order #: PL0131004
Date Completed: 3/15/00

Authorized Signature 
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

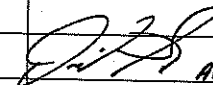
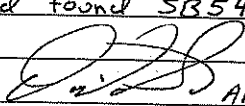
Crankshaft Serial No. I 13195

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date	
Type	Model IO-360-A1B6D	Serial No. RL-7770-51A	
Rated H.P.	Max. H.P.	Weight (Dry)	
Rated R.P.M.	Max. R.P.M.	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio		
Reduction Gear Ratio			
Propeller	Hub Design	Hub Serial No.	
Blade Design	Blade Serial No.	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.		
Pitch	Diameter	Length	
Name			
Address			


ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
09/27/2000	Tach		2538 HRS. c/w A.P. 2000-18-53 pars: (b) (i), no leakage, no extruding gasket, pars (c) due next tach 2584 HRS. A.P. 98-18-12 N/A, LW-15473 installed.		AP558808083
04/23/01	Tach		2580 HRS. Inspected engine and found SB549 N/A by engine S/N.		AP558808083
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

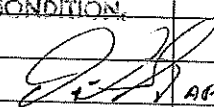
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number				
	Hrs	Min							
04/24/01	Tach		2580 HRS. Changed Oil & Filter, 7qts Aeroshell 100W-50 plus		AP558808083JA				
	Total T. =		46 HRS. added. Checked magneto timing & Syc. Inspected induction, exhaust systems, c/w A.P. 93-02-05 pars: (c), next due 4/02. c/w A.P. PL2000-18-53 pars: (d), Lycoming P/N 06B23072 gasket installed I.A.W. Lgc. SB 543A & S.I. 1453 no further action required. per A.M.O.C. Run-up and						
4/24/01			leak checked. 46 HRS.	I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.					
	CYL 1	79/80	CYL 2	79/80	CYL 3	79/80	CYL 4	79/80	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.					
			Brought Forward						
			Total to Date						

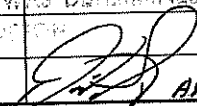
ENGINE LOG

Serial No. _____

Date 2002	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5/16/02	Tach	2618	Changed Oil & filter, 8 qts Aeroshell 15W-50 added, Serviced & Total Ti = 84 Hrs, rotated all spark plugs. Checked magneto timing & 3%. Inspected intake & exhaust systems. C/W A.P. 93-02-05 parts (e) next due 5/03. Washed down engine & cowling, run-up and tested checked.		
		5/16/02	84 Hrs		
		70/80	66/80		
		68/80	70/80		
			CERTIFY THAT THIS Engine INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
			 AP558808083		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
06/02/2003	Tach	2675	Changed Oil & filter, 7 qts Aeroshell 15W-50 added. Serviced and rotated spark plugs. Checked magneto timing. Inspected induction and exhaust systems. Repaired cooling bottle by patch. C/W A.P. 2002-26-01, 01/31/2003, parts (a)(c) next due 06/2004. New air filter element installed. Washed down engine - cowling, run-up and tested checked.		
	Total Time	141 Hrs.			
		6/2/2003	141 Hrs		
		76/80	78/80		
		76/80	77/80		
			CERTIFY THAT THIS Engine INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
			 AP558808083		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Ti Hrs	Description	Signature	License Number
		05-14-2004 Tach = 2702 hrs. TT = 168 hrs. Changed oil and filter, 7 quarts Aeroshell 15w-50 added. Serviced and rotated all spark plugs. Checked magneto timing and synchronization. Inspected induction and exhaust systems. New air filter element installed BA-5705. Compression as follows: 1) 78/80, 2) 76/80, 3) 78/80, 4) 78/80. Complied with AD 2002-26-01, 01/31/2003, para: (a,c) next due 05-2005. AD 2002-12-07 previously complied with, 06B23072 installed. AD 2003-14-03 N/A by pump type. I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition this date.	<i>[Signature]</i>	
		05-14-2004 ^{6-15-2005 P.S.} Tach = 2723 hrs. TT = 189 hrs. Changed oil and filter, 7 quarts Aeroshell 15w-50 added. Serviced and rotated all spark plugs. Checked magneto timing and synchronization. Inspected induction and exhaust systems. New air filter element installed BA-5705. Compression as follows: 1) 78/80, 2) 79/80, 3) 79/80, 4) 79/80. Complied with AD 2002-26-01, 01/31/2003, para: (a,c) next due 05-2005. AD 2004-10-14, 06/25/2004, N/A at this time, will be due upon propeller strike, sudden stoppage, etc. I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition this date.	<i>[Signature]</i>	
		Page Total		
		Brought Forward		
		Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

08-24-2006 Tach = 2730 hrs. TT = 196 hrs. Changed oil and filter, 7 quarts Aeroshell 15w-50 added. Serviced and rotated all spark plugs. Checked magneto timing and synchronization. Inspected induction and exhaust systems. Compression as follows: 1) 78/80, 2) 78/80, 3) 79/80, 4) 79/80. Complied with AD 2002-26-01, 01/31/2003, para: (a,c) next due 05-2005. AD 2005-19-11, 10/21/2005, N/A by Engine and Crankshaft Serial Nos. AD 2005-26-10, 01/31/2006, N/A has original Lycoming cylinders installed. AD 2006-06-16, 04/27/2006, N/A by Engine and Crankshaft Serial Nos. I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition this date.

[Signature] AP558808083

04-04-2007 Tach 2757 hrs. Changed oil and filter, 7 quarts Aeroshell 15w-50 added. Ran up and leaked checked, no defects observed.

[Signature] AP558808083

Date	Ti Hrs	Description	Signature	License Number

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

		Page Total		
		Brought Forward		
		Total to Date		

11-30-2009 Tach = 2997 hrs. Total Time = 463 hrs. Changed oil and filter, 7 quarts Aeroshell 15w-50 added. Serviced and rotated all spark plugs. Checked magneto timing and synchronization. Inspected induction and exhaust systems. Compression as follows: 1) 76/80, 2) 76/80, 3) 76/80, 4) 76/80. Complied with AD 2008-14-07, 08/14/2008, para: (h,j,k,o) fuel line injector inspection I.A.W. Lycoming MSB 342E, next due 3097 hrs. Total Time. AD 2008-26-10, 01/05/2009, N/A by alternate static port configuration / P/N installed. AD 2009-02-03, 02/09/2009, N/A by Remanufacture date of 03/15/2000 from Lycoming. I certify that this Engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition this date.

IG

Serial No. _____

MARKS	Signature	License Number

J.P.S. AP 558808083

9/13/2010 Takit 30337 TOTAL TIME 499. INSTALLED TWO NEW CHAMPION RHM38E SPARK PLUGS IN CYLINDER #1 - *Edouard 35A236 over Takit*

	Page Total
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	Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

1-5-2011 N52862 Total Time: 523.3 hrs S/N: RL-7770-51A

- Chanced oil & filter, cut open filter & inspected, OK, serviced engine with 8 quarts Aeroshell 15W50.
- Replaced oil drain valve with new valve.
- Replaced induction air filter element.

Rexford Perry
A&P 2811537 *Rexford Perry* Airtronics
3600 Carol Kennedy Drive Hgr. B
San Andreas, Ca. 95249

Signature	License Number

PLUGS

	Page Total
	Brought Forward
	Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.



Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.

RECORD of ACCESSORIES AND MAJOR PARTS SHIPPED with ENGINE

M No: IO-360-A1B6D

Serial No: RL - 7770-51A

Enpl: RENPL-5655

Order No: PL0131004

TC No: 1E10

Date: 3/15/00

Part Name	Part Number	Manufacturer	Serial	Setting
CARBURETOR		PAM		
INJECTOR	73937-85	PAM	62203	2524054-11
LT ALTERNATOR		ESI		
RT ALTERNATOR		ESI		
MAGNETO LEFT				
MAGNETO RIGHT				
MAGNETO DUAL	66E21563	TCM	B02000G	
LASER IGN CONT		ESI		
STARTER	LW-15572	ESI	A018374	
FUEL PUMP	LW-15473	LYC		
IGN HARNESS L				
IGN HARNESS R				
LASER IGN HARNESS		SLICK		
SPARK PLUG	1182 F7	CHAMPION		
LT TURBOCHARGER				
RT TURBOCHARGER				
BYPASS VALVE				
DENSITY CONTR.				
PRESS. CONTR.				
AB PRESS REL.				
#1 INTERCOOLER		NIAGRA DEV.		
#2 INTERCOOLER		NIAGRA DEV.		

*PART → 10-682-555-11
D4LW-3000*

B-3000

All accessories listed are 0 (zero) time since New or 0 (zero) time since Overhaul.

All accessories are new unless part number is succeeded by -85.

Cylinders: Plain Steel _____
Nitrided Barrels (Blue) _____

C of A Issued _____
Date _____

DOMESTIC

23

NOTE: Form to be used on all New, Overhauled, Remanufactured Engine Models.

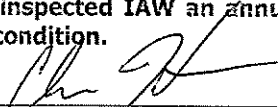

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Released: Inspector _____

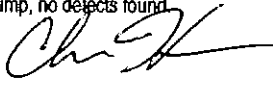
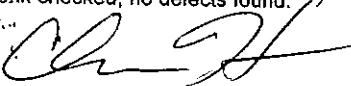
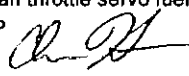
Date: 3/15/00




Engine Log - N52862

Date	Recording Tach Time	Today's Flight	Total Time in Service	Description of Inspections, Test, Repairs and Alterations
2011				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.
5-16-2011	3102.3			Remand "D" mag 57603000 replaced impulse spring re installed operational check OK to return to service St Rediff 2735886 ACP IFA
6-8-2011	3116.0			Changed oil & filter, cut open filter. no defects found. re-filled with 7 quarts 100W + ACROSHELL OIL. RUN UP LEAK CHECKED OK. ADJUSTED IDLE MIXTURE IDLE LEVER TO 60% RPM - ROBERT HANVELSON OWNER 3519380
<p>Maintenance Express, Inc. 333 W Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 January 12, 2012 Tach: 3152.18 SMOH: 618.18 N52862</p> <p>Inspected this Engine IAW an annual inspection as per FAR 43 "D" Compression check #1 79/80 #2 79/80 #3 79/80 #4 79/80. Changed oil 8 qts 100Wplus and filter CH48103-1. Cleaned, gapped, and rotated all spark plugs. Checked Mag. Timing and reset. R/R exhaust to have it repaired. Clean fuel nozzles. Replaced induction filter BA-5705. CW AD 2011-26-04 Fuel nozzle line inspection IAW MSB 342F. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Authorized Signature  Chris Hamilton 2799543 APIA</p>				
<p>February 22, 2012 Tach: 3153.55 R. Haaverson R/R magneto for testing, replaced capacitors p/n 120-400574 D Chris Hamilton 2799543 AP</p> <p></p>				
6-4	3160.9			Replace wiring harness Ignition Replaced both condensers on mag. timed mag to engine Operational check OK cleaned & gapped spark plugs, cleaned fuel injector nozzle Operational check OK to return to service St Rediff 2735886 ACP IFA

Engine Log - N52862

Date	Recording Tach Time	Today's Flight	Total Time In Service	Description of Inspections, Test, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.
				<p>June 6, 2012 Tach: 3161.93 N52862 Cleaned water out of left fuel tank and fuel system. R/R electric boost pump p/n 4140-00-15. Tested and leak check pump, no defects found. Chris Hamilton 2799543AP</p> 
				<p>_____ _____ _____ _____</p>
6-20-12	3187.2			<p>Replace fuel injector nozzles with Gamm G-10-y kit. Operational STCSB09-14SSC check OK to return to service. Chris Hamilton 2799543AP</p>
8-18-12	3217.7			<p>Changed oil & filter test run no leaks Operational check OK to return to service Chris Hamilton 2799543AP</p>
				<p>November 23, 2012 Tach: 3269.7 N52862 R. Haaverson Changed oil and filter with 8 qts of Aeroshell 100 plus and Ch48103-1. Test run and leak checked, no defects found. 2799543AP</p> 
				<p>October 19, 2012 Tach: 3244.9 N52862 R. Haaverson Clean fuel nozzles and clean throttle servo fuel screen. Chris Hamilton 2799543AP</p> 
				<p>This Engine Is Equipped With</p> <h2>GAMIjectors®</h2> <p>Performance Fuel Injection</p> <p>NOTE: Fuel Injector Nozzle Location Is Specific To Each Cylinder. Refer To Individual Cylinder/Injector Identification When Removing/Installing Nozzles.</p> <p>General Aviation Modifications, Inc. 2800 Airport Rd. - Ada, OK 74820 - (580)436-4833</p>

Engine Log - N52862

Date	Recording Tach Time	Today's Flight	Total Time in Service	Description of Inspections, Test, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.
				 Tri-Valley Aviation <small>Aircraft Services & Repair</small> 333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 February 15, 2013 Tach: 3295.55 SMOH: 761.55 N52862 Inspected this Engine IAW an annual inspection as per FAR 43 "D" Compression check #1 75/80 #2 76/80 #3 76/80 #4 77/80. R/R flow divider p/n 2524232-2 s/n 0116424 after O/H by Western Skyways. Replaced #2,3 intake gaskets 71973. Retimed magneto and replaced gasket 649954. Replace air/oil separator scat-7 tubing. Replaced alternator belt 37A19773-376 and propeller seal. Cleaned, gapped, and rotated all spark plugs. CW AD 2011-26-04 Fuel nozzle line inspection IAW MSB 342F, Next due 3395.55. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition. Authorized Signature <u><i>Chris Hamilton</i></u> Chris Hamilton 2799543 APTA
2-1-2014	3429.6 896.6 SMOH			cylinder leak down check performed as following: #1 77 #2 78 #3 78 #4 76 over 80 psi. Bare scraped cylinders all show signs of normal. Checked mag timed for engine within mfr specs. Spark plug check OK. All applicable ADs CW owner provided AD compliance report dated 1-30-2014. Operational check OK. to return to service. <u><i>St Radcliffe</i></u> 2735886 A+P IA
				A/C REG. # <u>N52862</u> DATE <u>2-1-2014</u> TOTAL A/C TIME _____ HRS. TACH TIME <u>3429.6</u> I CERTIFY THAT THIS IS ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH ARTICLE ONE ANNUAL 100 HR INSPECTION AS PER FAR 43 and ^{per} "D" AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. <u><i>St Radcliffe</i></u> 2735886 A+P IA SIGNATURE CERTIFICATE NO./TYPE

ANALYSIS RESULTS

ROBERT HAAVERSON
Attn: ROBERT HAAVERSON
511 REGULUS RD

Aircraft: C 177
S/N:
Tail No.: N52862-S

Date: 12/23/2013
Engine S/N: RL777051A
Engine Model: LYC. 360

LIVERMORE CA 94551
United States

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE		SAMPLE APPEARS NORMAL. Send next sample at normal interval.										Elevated	
Sample Date: 12/2/2013 Analysis Date: 12/18/2013 Sample Number: P09 Cylinder Type: steel TSN/TSO: 894.06 Oil Hours: 42.5 Filter Hours: Oil Added: Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***											
		Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
		8.1 (20.8)	0.5 (5.5)	0.3 (1.4)	0.2 (3.0)	N/A	N/A	2.5 (3.7)	2611 (3855)	1.8 (4.0)	N/A	< 0.1 (0.1)	N/A
		*** FILTER ANALYSIS RESULTS ***											
		Material:		Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
		Amount:											
		Type:											
		Form:											
Comments:													

PREVIOUS SAMPLE 1		WE WILL MONITOR WEAR METAL TREND.										Elevated	
Sample Date: 1/13/2012 Analysis Date: 3/14/2012 Sample Number: P140 Cylinder Type: unknown TSN/TSO: 618.18 Oil Hours: 36.18 Filter Hours: Oil Added: Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***											
		Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
		19.0 (N/A)	5.0 (N/A)	1.1 (N/A)	2.1 (N/A)	N/A	N/A	5.9 (N/A)	4197 (N/A)	4.0 (N/A)	N/A	< 0.1 (N/A)	N/A
		*** FILTER ANALYSIS RESULTS ***											
		Material:		Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
		Amount:											
		Type:											
		Form:											
Comments: NOTE FIRST SAMPLE SEEN. WE WILL MONITOR YOUR NEXT SAMPLE TO ESTABLISH A BASELINE FOR WEAR METAL TREND FOR THIS ENGINE.													

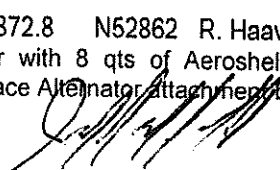
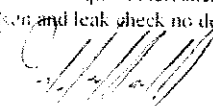
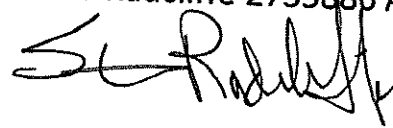
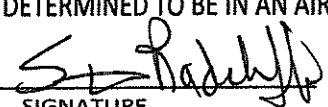
A/C SER # <u>N52862</u>		DATE <u>1/11/2017</u>
TOTAL A/C TIME _____		PER _____
ENCLOSURE		
I CERTIFY THAT THIS AC ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER FAR 13.501 D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
SIGNATURE <u>[Signature]</u>		CERTIFICATE NO./TYPE <u>27358861P IA</u>
Page Total		All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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Total to Date		

ENGINE LOG


Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-17-2017	3	47.85	Changed oil & filter. Cleaned, gapped, tested & rebed spark plugs installed. Timed mag to engine per mkr specs. Perform cylinder leak down test as follows: #1 75, #2 76, #3 75, #4 74/80 psi. Borescoped cylinder all showed normal signs for engine hours. Operational checks ok to return to service.	<u>[Signature]</u>	<u>27358861P IA</u>
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

Engine Log - N52862

Date	Recording Tach Time	Today's Flight	Total Time in Service	Description of Inspections, Test, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.
				<p>June 12, 2013 Tach: 3372.8 N52862 R. Haaverson Changed oil and filter with 8 qts of Aeroshell 100 Plus and CH48103-1 filter. Replace Alternator attachment bolt's lock nut. Jeff Ruffell 3041123AP</p> 
				<p>December 2, 2013 Tach: 3428.06 N52862 Changed oil and filter with 8 qts of Aeroshell 100 plus and CH48103-1 filter. Oil sample taken. Test for and leak check no defects found. 3041123AP</p> 
				<p>Date: 10/3/2018 #N52862 Tach: 3533.54 Performed cylinder leak down check as follows: #1,772 #2,72 #3, 74 #4, 76/80psi. Bore scoped cylinders all showed normal signs. Mags timing to engine Okay. Replaced mechanical fuel pump with new Lycoming P/N LW-15473. Changed oil and filter, cleaned sparkplugs and tested ok, cleaned fuel injection nozzles. Operational checks performed no leaks Okay to return to service. Steve Radcliffe 2735886 A&P IA</p> 
				<p>ENGINE REG.# N52862 DATE 10/4/18 TOTAL ENGINE TIME _____ HRS TACH TIME 3533.54 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS PER FAR 43 APP. "D" AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p> 2735886 A/P IA SIGNATURE CERTIFICATE NO./TYPE</p>

Engine Log - N52862

Date	Recording Tach Time	Today's Flight	Total Time in Service	Description of Inspections, Test, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility.
				<p>January 15, 2019 Tach: 3535.0 N52682 Change oil with 8 qts of Aeroshell 100W Plus and took oil sample. Compressions 1) 72/80, 2) 76/80, 3) 72/80, 4) 72/80. Repair pitot bracket. Chris Hamilton 2799543 AP <i>Chris Hamilton</i></p>
				<p>ENGINE MODEL ENGINE S/N REG. NO. TRIVALLEY WORK ORDER: 20216-04-2019</p> <p style="text-align: center;">West Air Aircraft Inc. 311 West Jack London Blvd #5 Livermore, CA 94551 Phone (925)245-0544</p> <p style="text-align: right;">DATE: 5/2/2019 A/C TSN ENG TT TSMOH TACH</p> <p>Engine Entries</p> <p>Overhauled 2 each Lycoming IO-360- Cylinders S/N 16859 & 16859-1 Replaced exhaust valve guides. Machined seats, lapped and installed valves. Hone cylinders to ring finish and fit new piston rings. Cylinders leak checked good. Work described above was performed per Lycoming direct drive overhaul manual.</p> <p>The component(s) and/or discrepancy (ies) identified on the work order were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.</p> <p>DATE: 5/2/2019 SIGNED: <i>Abdi Anvari</i> Abdi Anvari, A&P 2356366JA Work Order: 20216-04-2019 Printed by EBIS 3 (datcomedia.com)</p>
				<p>May 8, 2019 Tach: 3537.33 N52862 Engine R/R cylinder 2 and 3 after O/H by West Aircr4aft engines, all work was IAW Lycoming O/H manual. Replaced all exhaust gasket 77611, Replaced fuel pump gasket p/n LW- 15473 and oil filter adapter gaskets p/n 06B23072 Chris Hamilton 2799543 AP <i>Chris Hamilton</i></p>
				<p>May 16, 2019 Tach: N52862 Engine R/R alternator for O/H. Replaced fuel pressure transducer p/n PT-30GA. Performed test run, no defects found. Chris Hamilton 2799543AP <i>Chris Hamilton</i></p>
				<p style="text-align: center;"> Tri-Valley Aviation Aircraft Services & Repair</p> <p>333 W. Jack London Blvd #144 Livermore, CA 94551 office 925-455-5802, fax 925-455-5813 November 18, 2019 Tach: 3592.21 SMOH: 1058.00 N52862 Inspected this Engine IAW an annual inspection as per FAR 43 "D" Compression check #1 75/80 #2 76/80 #3 76/80 #4 77/80. Change oil with 8 Qts of Aeroshell 100 Plus, Filter AA48103-2, and took oil sample. Cleaned, gapped, and rotated all spark plugs. R/R #4 cylinder to replaced the bas gasket 71481, intake seals 71973, 77569, push tube seal LW-18661 and all exhaust gaskets 77611. Replaced Oil separator drain hose. Apply sealant to top case bolts. R/R magneto for 500-hour inspection BY Aero Accessories and CW AD2005-12-06 Impulse coupling inspection, no defects found, Next due: 4092.21. Replaced RT/Lt magneto capacitors p/n 120-400574D. CW AD 2015-19-17 Fuel nozzle line inspection IAW MSB 342G, Next due 3692.21. Test Run and Leak Checked no defects found all temps and pressures normal. I certify that this engine has been inspected IAW an annual inspection and determined to be in an airworthy condition.</p> <p>Chris Hamilton 2799543 APIA <i>Chris Hamilton</i></p>

