

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE SERIAL NUMBER

L	-	1	9	6	2	9	-	4	0	A
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IN SERVICE DATE

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 ENG. TT.

2	0	0	0
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DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING O-540-33CSD L-19629-40A
MAKE MODEL SERIAL
FROM _____ 19 ____ TO _____ 19 ____
DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872-1

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: O-540-J3C5D
Serial #: L -19629-40A
Total Time: 2000.0
Work Order #: 30063
Date Completed: 5/12/99

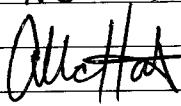
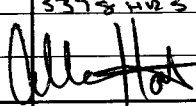
Authorized Signature S.F. [Signature]
Textron Lycoming
652 Oliver Street
Williamsport, PA 17701
Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date	
Type	Model C-540-33CS D	Serial No. L-19629-40A	
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			
DEC. 1, 1999			3378 HRS TACH 2000 HRS TOTAL INSTALLED ENGINE ON LESSON RISE S.V. R18200345. INSTALLED ENGINE WITH NEW 19613-12 MTS, 111-8 OIL HOSE, HARDWARE AS NEEDED AND SERVICED WITH 8 QTS PHILIPS 20W50 TYPE M OIL. TEST RUN 1/A/W S.I. 1427A.	 AIP 399782276	
DEC. 1 1999			3378 HRS TACH. TEST FLOWN 1/A/W S.I. 1427 B		
			ALL O.K.	 Com. 399782276	
			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			
1-18-00	33	95	Hrs Tach. Changed oil & filter, 8 qts Phillips Type M Jow 50, 48193 Filter. Checked oil screen for contaminants, none found. Cleaned and gapped plugs	Robert Gair	ADP 390667161
6-5-00	34	33	Hrs Tach Changed oil & filter, 8 qts Aeroshell 15W50 Champion 48103 filter. Cleaned & gapped plugs. Installed quick drain.	Robert Gair	ADP 390667161
			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.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-8-00	3	45	Changed oil & filter with 7qts Acrosshell 15W50 Champion 48103 Filter. Cleaned & gapped plugs. clw BY REPLACEMENT LW-13355 CAP & BT. 100 @ 50 hrs New Tech Robert Gai. AdP 390667161 0 hrs re asst 103 to new Tech to get engine fire		
1-9-01	3	48	Changed oil & filter with 8qts Acrosshell 15W50 Champion 48103 Filter. Cleaned & gapped plugs. Comp #1-75/80 #2 76/80 #3-77/80 #4 76/80 #5-76/80 #6 77/80. I certify that this engine has been inspected in accordance with a 100 hr inspection and determined to be in airworthy condition. Robert Gai. AdP 390667161		
			Page Total		
			Brought Forward		
			Total to Date		

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

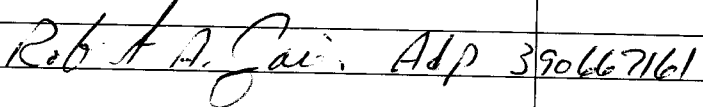
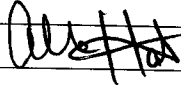
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	Lic. Num.
	Hrs	Min			
6-8-02	10	9	Hrs Tach Charged oil with 7 qts Aeroshell 15W2 Champion 48103 Filter. Cleaned & gapped plugs. Checked oil screen for contaminants, found ok. Comp #1-75180 #2-72180 #3-73180 #4-74180 #5-75180 #6-72180.	Robert Jai	AIP 390667161
<p>DATE <u>July 23, 2001</u></p> <p>TACH. HRS. <u>61</u> TOT. HRS. <u>164</u></p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE <u>BE</u> IN AIRWORTHY CONDITION.</p> <p style="text-align: right;">JULY 23, 2001 61 HRS TACH CHARGED OIL 7 QTS AEROSHELL 15W2, COMP ALL 75180 + CLEANED + GAPPED PLUS <u>Al Hatz</u> AIP 399782276</p>					
ALLAN HATZ	Page Total		All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
A & P 399782276	Inspected, Approved				
Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-22-02	138	5	Hrs. Tach Changed oil with 7 qts Aeroshell 15W50 & Champion N8103 filter. Cleaned & gapped plugs. Checked oil screen, found ok. Took oil sample, owner will send in.	 Robert A. Cain A.P. 390667161	
JUNE 10, 2002			174 HRS TACH CHANGED OIL WITH 7 QTS AEROSHELL 15W50 + CH46103 FILTER CLEANED + GAPPED PLUGS.	 Albert Hottel A.P. 390782276	
			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			
AUG. 1, 2002	19		TACH CHECKED COMP. # 1 79/50 # 2 78/50 # 3 76/50 # 4 74/50 # 5 78/50 # 6 78/50. CLEANED + GAPPED PLUGS		
DATE	AUG. 1, 2002				
TACH HRS.	197	TOT. HRS.	300		
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.					
ATLAN HATZ			<i>Atlan Hatz</i>		
A & P 399782276 Inspection Authorization					
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			
Aug 19, 2003	426	7	hrs Tach. Changed oil with 7 qts AgcoShell 15W50 & Champion 48103 filter. Checked oil suction screen for contaminants, found ok. Comp #1-78180 #2-76180 #3-75180 #4-76180 #5-75180 #6-74180. Cleaned & gapped plugs		
			DATE <u>Aug 19, 2003</u>		
			TACH. HRS. <u>426.7</u> TOT. HRS. _____		
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
			ROBERT GAIER A & P 390637161	<i>Robt Gaier</i>	
			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
	Hrs	Min		
1-9-04	4	6	Tech. Changed oil with 7 qts Aeroshell 15W50 & Champion 48103-1 filter. Cleaned & gapped plugs.	
			Robert Jain ADP 390667161	
2-19-04	5	5	hrs Tech Changed oil with 7 qts Aeroshell 15W50 & Champion 48103-1 filter. Cleaned & gapped plugs.	
				Robert Jain, 390667161
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			
2004 06/03	5	7	MR. TACH CHANGED OIL & FILTER W/ 7 QTS ACROSSHELL 15W50 AND CHAMPAIN FILTER C1148103-1, CLEANED & GAP PLUGS.	<i>[Signature]</i>	
			<i>Call to A+P 899792276</i>		
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
	Hrs	Min		
Aug 19, 2004	5	74	hrs Tach. Cleaned a gapped plugs. Comp #1-78180 #3-74180 #4-75180 #5-75180 #6-74180. Cleaned engine. Can found ok. Replaced all rocker box gaskets.	
			DATE <u>Aug 19, 2004</u>	
			TACH. HRS. <u>574.2</u> TOT. HRS. _____	
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>100 h</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
			ROBERT GAIER A & P 290667161	<i>Robert Gaier</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.

Lycoming O-540-J3C5D

s.n. L-19629-40A

2678 hrs.

Parts Installed

- 12 - 18M19389 Rod Bearings
 - 6 - 18D23136 Main Bearings
 - 2 - SL13884 Main Bearings
 - 12 - SL75061 Rod Bearings
 - 12 - SL12186 Rod Nuts
 - 1 - AN8-14A Crank Bolt
 - 1 - SL13377 Gasket Kit
 - 6 - SL69603 Intake Hoses
 - 6 - STD 1821 Oil Return Hoses
- All locking hardware and clamps as needed.

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

<p>2-11 2004</p>	<p>4750</p>	<p>Les Tech. Reinstalled Engine after tear down inspection due to down lock pin failure. Installed new mounts PW J9613-12. Serviced Engine with 8 qts Acrosbell 15W50 & Champion- 48103-1 Filter. Cleaned & gapped plugs. Test ran engine, passed ok - (CW AD) 96-12-07 by inspection of impulse coupling, passed ok. Robert Jace A&P 39061161</p>
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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.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Jan 11, 2005	5	76	Hot Tack changed all bottom plugs with new RHM 38E plugs & Top plug #4 Cylinder. Replaced EGT Probe #5 Cylinder P/N 10-00830.	Robert Davis	ADP 390667161
4-2-05	6	05.3	Engine oil & filter changed. Added 7gls 15-50 100 weight Pennzoil filter. Run-up & Leak check ok.	<i>[Signature]</i>	ADP 393500937
			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. _____

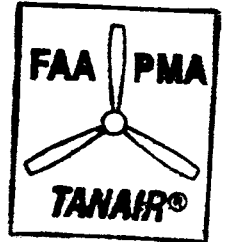
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature
	Hrs	Min		
7-21-05	4	00	Oil filter changed. Added bolts 15-20 Acres SB# 56 checked for Applicability. No to Ser.#. Run up + back check ok A10393588430.	
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
Brought Forward				
Total to Date				

Date

ENGINE: Drained oil; filter or screen check
Aeroshell 7 qts. 15-50
to engine & functionally tested engine. Inspec

Tanis Aircraft Services

P.O. Box 117
Glenwood, Minnesota 56334



No metal present in filter or s

Compression #1 78 #2 78 #3 78 #

Replaced all rocker cover gaske

Replaced Tanis sump heater eleme

Ad# 2005-19-11 N/A. Affected Cran

SB#565 N/A. Date code is 1399.

Replaced lower fwd engine baffle

Tighten vacuum pump overboard fit.

Repair cabin heat box inlet duct.

Adjust idle mixture per Cessna Manual.

Name _____ Element _____ Model _____ P/N TAS101

S/N _____ Eligible On TAS 100 Systems-Lycoming

For complete application and interchange listings see
TANAIR master sheet.

Date 2-14-06 total ENGINE time 2766.3 TACH 663.3 TSOH 766.3
inspected in accordance with a 100-hour inspection per FAR 43 App. D and was determined to be airworthy. I certify this ENGINE has been
A&P # 393588930 T.C.'s Air Care, Reedsburg, WI 53959

Dat

ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked, Added
Aeroshell 7 qts. 15.50 oil. Cleaned & tested sparkplugs. Checked magneto timing
to engine & functionally tested engine. Inspected propeller & dressed blades.

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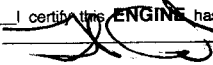
- No metal present in filter or screen.
- Compression #1 78 #2 78 #3 78 #4 78 #5 78 #6 78/80.
- Replaced all rocker cover gaskets with nes TS75906.
- Replaced Tanis sump heater element with new.
- Ad# 2005-19-11 N/A. Affected Crankshaft not installed.
- SB#565 N/A. Date code is 1399.
- Replaced lower fwd engine baffle seal.
- Tighten vacuum pump overboard fitting.
- Repair cabin heat box inlet duct.
- Adjust idle mixture per Cassna Manual.

Date 2-14-06 total **ENGINE** time 2766.3 TACH 663.3 TSOH 766.3 I certify this **ENGINE** has been
inspected in accordance with a 100-hour inspection per FAR 43 App. D and was determined to be airworthy.
A&P # 392588930 T.C.'s Air Care, Reedsburg, WI 53959

ENGINE LOG

ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked, Added
Aeroshell 8 qts. 15-50 oil. Cleaned & tested sparkplugs. Checked magneto timing
to engine & functionally tested engine. Inspected propeller & dressed blades.

Ad# 2006-12-07 N/A. Ad# 2006-20-09 N/A. see ad list.
Compression #1 79 #2 79 #3 79 #4 77 #5 79 #6 77/80.
No metal present in filter or screen.

Date 1-15-07 total **ENGINE** time 2796.2 TACH 693.2 TSOH 796.2 I certify this **ENGINE** has been
inspected in accordance with a 100-hour inspection per FAR 43 App. D and was determined to be airworthy. 
A&P # 393588930 T.C.'s Air Care, Reedsburg, WI 53959

ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked, Added Aeroshell 7 qts. 15-50 oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades.

Ad# 2007-04-19R1 N/A.

No metal present in filter.

Compression #1 78 #2 77 #3 77 #4 77 #5 78 #6 76/80

Date 5-16-08 total ENGINE time 2819.0 TACH 716.0 TSOH 819.0 I certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR 43 App. D and was determined to be airworthy.
[Signature] A&P #393588930 T.C.'s Air Care, Reedsburg, WI 53959

	License Number

f a

ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked, Added
Aeroshell 7 qts. 15.50 oil. Cleaned & tested sparkplugs. Checked magneto
timing to engine & functionally tested engine. Inspected propeller & dressed blades.

Ad# 1008-19-05 N/A. Affected cylinders not installed.

Replaced induction air filter element.


Compression #1 74 #2 73 #3 74 #4 74 #5 74 #6 74/80.

No metal present in filter.

Retimed right magneto points to engine.

Replaced 1 failed tanis cylinder heat probe.

Date 5-20-09 total ENGINE time 2828.1 TACH 725.1 TSOH 828.1 I certify this
ENGINE has been inspected in accordance with a 100-hour inspection per FAR 43 App. D and was determined to be airworthy.

 A&P #393588930 T.C.'s Air Care, Reedsburg, WI 53959

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-20-2010			Tack 725.8 TSOH B28.8. This Engine Removed for Inspection from N 4248C JAC AIP 393788970		
Page Total			<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>		
Brought Forward					
Total to Date					

MANUFACTURER: Lycoming ENGINE MODEL: O-540-J3C5D S/N: L-19629-40A WO# 3294

AD #	DESCRIPTION	COMPLIANCE STATUS
59-10-07	cylinder baffle clamps	N/A by P/N clamps
63-14-03	oil pump drive shaft	N/A by engine S/N
64-16-05	fuel pump	N/A by pump P/N
66-20-04	oil filter adapter gasket	N/A by gasket P/N
75-08-09 R3	oil pump drive shaft	N/A has drive shaft with flats
77-10-06 R1	rocker arm	N/A rocker P/N LW-18790 not installed
85-07-01	connecting rod bolt P/N 75060	N/A by new bolts installed
85-26-02	improper fuel	N/A by registration number
86-09-10 C	oil pump	N/A by engine model
87-15-11	piston pin	N/A by pin P/N
902-12-07	oil filter converter plate gasket	C/W IAW Lycoming SB543, sup 1
94-05-24	crankshaft gear bolt	C/W by bolt replacement
904-10-14 C	crankshaft gear	C/W IAW Lycoming SB475C
95-19-11	crankshaft failure	N/A by crankshaft S/N
96-12-07	ECl cylinders	N/A by cylinder manufacturer
96-20-09	crankshaft failure	N/A by crankshaft S/N
97-04-19 R1	Superior cylinders	N/A by cylinder manufacturer
99-26-12	ECl cylinders	N/A by cylinder manufacturer

Poplar Grove Airmotive, Inc.
Repair Station YYBR664L



Date: 8/26 2000

8/24/2010
8:54AM

Poplar Grove Airmotive, Inc.
Shop Orders --- Inventory Summary
For Shop Order 3294 Only

S/N: L-19629-40A WO
JS

Shop Order #	Close Date	Dsc #	Part Number	Description	Action	Date	Wnty?	Quantity	Units
3294	///	3,000	ES10-90751-18	Cotter Pin		5/04/2010		1.00	Each
3294	///	3,000	10-35936-7	Screw		5/04/2010		4.00	Each
3294	///	3,000	10-14268	Washer		5/04/2010		2.00	Each
3294	///	3,000	AB382585	Points		5/04/2010		1.00	Each
3294	///	3,000	10-382585	Contact Assy		5/04/2010		1.00	Each
3294	///	3,000	ES10-391213	Screw		5/04/2010		1.00	Each
3294	///	3,000	MS16624-1037	Retaining Ring		5/04/2010		1.00	Each
3294	///	3,000	ES10-160844	Brush		5/04/2010		2.00	Each
3294	///	3,000	ES10-50752	Washer		5/04/2010		2.00	Each
3294	///	3,000	ES10-163374	Strip		5/04/2010		2.00	Each
3294	///	3,000	10-400042	Spring		5/04/2010		2.00	Each
3294	///	3,000	10-382588-1	Coil		5/04/2010		1.00	Each
3294	///	4,000	SL11626 P05	Guide		5/04/2010		2.00	Each
3294	///	2,000	SL13377	Gasket Set		5/05/2010		2.00	Each
3294	///	2,000	STD1211	PLUGS		5/13/2010		1.00	Each
3294	///	2,000	AEL13790	Shaft		5/13/2010		1.00	Each
3294	///	2,000	AEL73810	Bushing, CW		5/13/2010		1.00	Each
3294	///	2,000	SL14820	Ring		5/13/2010		4.00	Each
3294	///	2,000	SL71907 A	Washer		5/13/2010		8.00	Each
3294	///	2,000	AN8-14A	Bolt		5/13/2010		8.00	Each
3294	///	2,000	AA48103	Oil Filter, Tempest		5/13/2010		1.00	Each
3294	///	2,000	06B23072	Gasket - Seal		5/13/2010		1.00	Each
3294	///	2,000	AEL75061	Red Bolt		5/13/2010		1.00	Each
3294	///	2,000	SL12186	Nut		5/13/2010		12.00	Each
3294	///	2,000	M674(MS17840-1)	Gasket		5/13/2010		12.00	Each
3294	///	2,000	STD1821	Hose		5/13/2010		12.00	Each
3294	///	2,000	AEL69603	Hose		5/13/2010		6.00	Each
3294	///	2,000	SA24764	Screw		5/13/2010		6.00	Each
3294	///	2,000	LW15839	Baffle		5/24/2010		6.00	Each
3294	///	4,000	AEL74230HCP005	Guide		5/25/2010		1.00	Each
3294	///	4,000	SL3601SC	Rings		7/27/2010		6.00	Each
3294	///	4,000	SL19001A	Ex Valve		7/27/2010		6.00	Each
3294	///	4,000	AEL31C12P03	Stud		7/27/2010		1.00	Each
3294	///	2,000	SL72075	O-Ring		7/30/2010		2.00	Each
3294	///	2,000	LW25-1.13	Bolt		8/13/2010		8.00	Each
3294	///	2,000	SL1028-B	Ball		8/13/2010		3.00	Each
3294	///	2,000	SL68668	Spring		8/13/2010		1.00	Each
3294	///	2,000	AN565B1032H5	Screw Set		8/13/2010		1.00	Each
3294	///	2,000	1102	Plug		8/13/2010		1.00	Each
3294	///	2,000	SL12892	Thrust Button		8/13/2010		3.00	Each
3294	///	2,000	STD1901	Rivt. Data Plate		8/13/2010		1.00	Each
3294	///	2,000	SL13641	Customer		8/13/2010		1.00	Each
3294	///	2,000	73644RW	Customer		8/13/2010		1.00	Each

with flats
-18790 not installed
stalled
number
el
SB543, sup 1
ement
SB475C
S/N
nufacturer
S/N
nufacturer
nufacturer

Date:

ENGINE LOG

Serial No. _____

MAKE <u>Lycoming</u>	MODEL <u>O-540-J3C5D</u>	S/N <u>L-19629-40A</u>
Total Time <u>2828.8</u>	Time Since Overhaul _____	Hours <u>828.8</u>

The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. (As detailed below) Pertinent details of repair are on file at this repair station under:

Work Order # 3294 **Date** 8/26/2010

Engine disassembled, cleaned, and inspected due to propeller strike, I/A/W Lycoming SB533A. Repaired cylinders as required, see maintenance release tag for details. Installed magneto P/N 10-682560-11, S/N 1039903G, after 500 hour inspection by Poplar Grove Airmotive, Inc. This engine was test run for two hours in an FAA approved test cell and meets specifications. See A.D. Compliance Record and Parts List for more details. -----END-----

Poplar Grove Airmotive, Inc.
Poplar Grove Airport, Poplar Grove, IL
FAA Approved Repair Station #YYBR664L

Michael A. Carey *[Signature]*
Signed for Poplar Grove Airmotive, Inc.

License Number _____

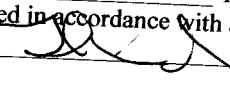
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		Total to Date	

All repair data must bear the endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.

Date _____

ENGINE: Drained oil; filter or screen checked; compression tested; fuel filters & screens checked. Added 12 20-50M oil. qt. oil. Cleaned & tested sparkplugs. Checked magneto timing to engine & functionally tested engine. Inspected propeller & dressed blades.

This engine reinstalled on N4248C after repairs under WO# 3249 (Poplar Grove Aeromotive) per Cessna Manual. Installed propeller Ser# 090956. rigged all engine controls per Cessna manual. Runup & ground checked ok. Performed flight test.

Date 10-15-2010 total ENGINE time 2828.8 TACH 725.8 TSOH 828.8 I
certify this ENGINE has been inspected in accordance with a 100-hour inspection per FAR43 App D
and was determined to be airworthy.  A&P # 393588930 IA
T.C.'s Air Care, Reedsburg, WI 53959

ENGINE LOG

Serial No. _____

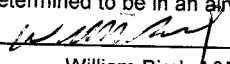
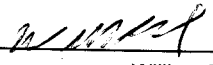
Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-16-C			Date- <u>2-16-01</u> Tach- <u>7628</u> N# <u>4240C</u> Changed Oil and Filter. Replenished system with <u>7</u> Qts of <u>15-50</u> Oil. Installed new oil filter. No debris in old filter. Run up and leak check satisfactory. _____ A&P <u>393506930</u> T.C.'S Air Care LLC, Baraboo, WI 53913		

	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.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/26/2011		N4248C	Lycoming O-540		Engine
			Tach 779.9 882.9 Hrs SMOH		
			Completed 100 Hour Inspection & Servicing in accordance with 100 Hr Inspection requirements.		
			Changed Oil AeroShell 100W AD; Inspected & replace oil filter		
			Compression: 1] 77 2] 79 3] 78 4] 75 5] 77 6] 76/80 Replaced alternator brushes		
			I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.		
			Signed 		
				William Birch A&P 2212988IA	
10/9/2011		N4248C	Lycoming O-540		Engine
			Tach 803.9		
			Performed oil and filter change. Changed oil AeroShell 15W50. Replaced filter.		
			Replaced Vacuum Pump w/new unit 215CC. Replaced filters. Runup & check satisfactory		
			The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to s the work accomplished.		
			Signed 		
				William Birch A&P 2212988IA	

ENGINE LOG

Serial No. _____

4/2/2012 N4248C

Lycoming O-540

Engine Logbook

Tach 821.2

Performed oil and filter change in accordance with the manufacturers maintenance manual. Serviced with 8quarts of Aeroshell 100W Oil
Replaced oil filter Champion CH48103-1. Runup & check satisfactory.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed _____
William Birch A&P 2212988IA

8/17/2012 N4248C

Lycoming O-540

Engine

tach 847.4 950.4 Hrs SMOH

Completed 100 Hour Inspection & Servicing in accordance with 100 Hr Inspection requirements.
Changed Oil AeroShell 100W AD. Filter inspected & replaced. Replaced all exhaust gaskets
Compression: 1]78 2] 78 3] 76 4] 74 5] 76 6 74/80

I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in an Airworthy Condition.

Signed _____
William Birch A&P 2212988IA

N4248C

9-19-13 Tach 877.9 SLA 30.5

TTE 3053.4 SMOH 980.9 Engine cleaned, run and inspected for fuel, oil, and exhaust leaks. All AD's checked thru 2013-18. No new AD's. Comp. check over 80 1-78, 2-79, 3-78, 4-78, 5-77, 6-79. Changed engine oil with 8qts 20/50XC and 48103-1 filter. Cut filter, no metal found. Cleaned, gapped, and rotated plugs. Replaced one plug with new RHM 38e plug. Engine run, checked for leaks, found airworthy and returned to service. I certify that this engine has been inspected in accordance with an annual inspection and found to be in airworthy condition. Jason Schiestle IA 2819327

Serial No. _____

Signature	License Number

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.



Signature	License Number

Premier Aviation Services, LLC dba **Flying Moose Aviation** (HGR 1A4 KPJC)

05/06/2014 N4248C C182RG / Lycoming O-540 TACH: 903.0 SMOH: 1006.0

Owner flew acft to warm eng oil. Drained oil and took oil sample. Removed oil filter, cut open and inspected filter, filter element normal. Added 8 qts Phillips 20W-50 X/C oil. Added 1 pt Cam Guard. Installed oil filter p/n CH48103-1 and secured filter. Checked oil level, at 8 qts. Inspected for leaks, none found.



Steven C. Hurd, A&P2685696

			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.

ENGINE LOG

Serial No. _____



Premier Aviation Services, LLC dba **Flying Moose Aviation** (HGR 1A4 KPJC)

License
Number

05/26/2014 N4248C C182RG / Lycoming O-540 TACH: 903.2 SMOH: 1006.2

Owner stated rough running right mag. Removed all spark plugs, inspected, cleaned and gaped plugs. Found one plug inoperative. Installed new plug p/n RHM38E. Re-installed spark plugs, rotated plugs and torqued to 30in/lbs. Found missing lead spring contact wire on #3 bottom plug lead wire. Repaired lead wire. Operational check of engine and found normal operations. /-----END-----/

Steven C. Hurd, A&P2685696

		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	



Premier Aviation Services,

M

**MAXWELL'S MAGNETOS
Maintenance Release
Serviceable Parts Tag**

10/21/2014 N4248C O-540-J3C5D s

Performed 100 hour inspection of pov checklist. Ran engine and no problem: Installed new oil filter AA48103-2. Oil l 5)77 6)73 over 80 psi. Cleaned and ga and inspected fuel bowl. lubed and ins BTC. Per AD2005-12-06, removed and by Maxwell Magnetos, WO # 4064 found normal. Induction system norr gasket p/n MM-113. Performed engin certify that this powerplant has been li determined to be in airworthy conditic Date (10-2014).

201 Airport Road
Palm Coast, Fla. 32164

1-800-255-5805

The magneto described below was: Inspected per app. Mfr. manual

Repaired as necessary

Overhauled per app. Mfr. manual

And tested in accordance with FAA regulations. Approved for return to service. All parts used on work order # 4064 on record at this facility.

MANUFACTURER: Bendix / TCM Slick

Model # D6LN-3000 Serial # I039903G

Part # 10-682560-11 See AD compliance record dated: 2014-21

Notes: 500 HR. INSP. CHG: A

Signed [Signature] Cert #A&P 2703524 Date: 10-17-14



Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1A4 KPJC)

10/21/2014 N4248C O-540-J3C5D s/n L-19692-40A Tach 924.4 Eng TT: 3099.9 Eng SMOH: 1027.4

Performed 100 hour inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Oil level at 8 qts. Engine cylinder compressions: 1)77 2)75 3)76 4)76 5)77 6)73 over 80 psi. Cleaned and gapped spark plugs. Installed 5 new RHM38E spark plugs. Cleaned and inspected fuel bowl. lubed and inspected engine control cables. checked Magneto timing set to 23 BTC. Per AD2005-12-06, removed and installed magneto s/n 1039903G. 500 hr Magneto inspection done by Maxwell Magnetos, WO # 4064 next check due at Tach 1424.4. Inspected exhaust and muffler and found normal. Induction system normal. Installed new induction filter p/n BA2505. Installed new JPI CHT gasket p/n MM-113. Performed engine ground run and no leaks detected, operation check normal. I certify that this powerplant has been Inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition. All AD's complied with per Zook Aviation, The AD Tool Box this Date (10-2014).

Steven C. Hurd, A&P2685696

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

I CERTIFY THAT THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION

Lynn W. Ford OCT 21, 2014 DATE
LYNN W. FORD A&P2013459511A



A Textron Company

Premier Aviation Services, LLC dba **Flying Moose Aviation** (HGR 1A4 KPJC)

04/03/2014 N4248C C-R182 / Lycoming O-540 TACH: 943.8 hobbs: 2526.4

Owner flew acft to warm eng oil. Drained oil and took oil sample. Removed oil filter, cut open and inspected filter, filter element normal. Added 8 qts Phillips 20W-50 X/C oil. Added 1 pt Cam Guard. Installed oil filter p/n CH48103-1 and secured filter. Checked oil level, at 8 qts. Ran engine and inspected for leaks, none found. Adjusted set screw on governor for RPM. Acft returned to service this date.

[Signature] A&P2685696

DATE _____

Service Bulletins, Letters, Instructions & A D Notes



Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1A4 KPJC)

09/10/2014

N4248C

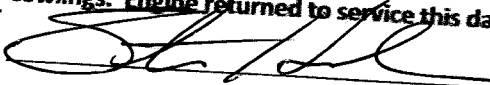
O-540-J3C5D

s/n L-19692-40A

Tach 963.8

Removed cowling and checked timing. Re set timing. Removed all spark plugs for cleaning due to lead buildup. Re installed spark plugs. Inspected plug leads and P Leads on mags. Installed engine cowlings. Engine returned to service this date. / _____ /

END

 Steve Hurd, AP2685696

Service Bulletins Letters



Premier Aviation Services, LLC - dba **Flying Moose Aviation** (HGR 1A4 KPJC)

11/18/2015 N4248C O-540-J3C5D s/n L-19692-40A Tach 967.4 Eng TT: 3146.4 Eng SMOH: 1073.4

Performed Annual inspection of powerplant IAW Cessna R182 service manual section 2, inspection checklist. Ran engine and no problems noted. Drained Oil inspected oil filter and no material noted. Installed new oil filter AA48103-2. Oil level at 8 qts. Engine cylinder compressions: 1)78 2)75 3)77 4)74 5)77 6)74 over 80 psi. Cleaned and gapped spark plugs. Cleaned and inspected fuel bowl. lubed and inspected engine control cables. Checked Magneto timing set to 23 BTC. Per AD2005-12-06, 500 hr Magneto inspection next check due at Tach 1424.4. Inspected exhaust and muffler and found normal. Induction system normal. Performed engine ground run and no leaks detected, operation check normal. All AD's complied with per Zook Aviation, The AD Tool Box this date 11-2015. . I certify that this powerplant has been Inspected in accordance with a Annual inspection and has been determined to be in airworthy condition. Date {11-2015}. /-----END-----/

Steven C. Hurd, A&P2685696IA

SERVICEABLE PART

Manufacturer Textron Lycoming
Part Name Aircraft Engine
Model O-540-335D
Part No. _____
Serial No. L-19629-40A

Remarks: _____

The aircraft engine or accessory identified above was:

- REMANUFACTURED / REBUILT
- OVERHAULED
- REPAIRED

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Order No. 30063

Date 5/12/88

Signed _____
Signature of Authorized Person

FOR: **TEXTRON Lycoming**

Subsidiary of Textron Inc.
652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

FAA REPAIR

STATION #EJR115K

52140

Form 302

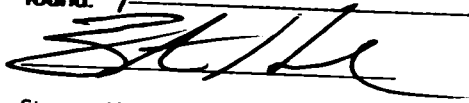
one

Steven Hurd, A&P26856961A

01/20/2015 08:00:00 / 08:00:00

Owner flew acct to warm eng oil. Drained oil and took oil sample. Removed oil filter, cut open and inspected filter, filter element normal. Added 8 qts Phillips 20W-50 X/C oil. Added 1 pt Cam Guard. Installed oil filter p/n CH48103-1 and secured filter. Checked oil level, at 8 qts. Inspected for leaks, none found.

END



Steven Hurd, A&P26856961A