

LYCOMING

A Textron Company

ENGINE LOG

10500

SSP-1872-1

LYCOMING
A Textron Company

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING 0-540-J3A5D RL-21017-40E
MAKE MODEL SERIAL
FROM 11/16 20 09 TO _____ 20 _____
DETAILING TIME FROM 0.0 TO _____
HOURS HOURS

SSP-1872-1

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October 1994

LYCOMING

A Textron Company

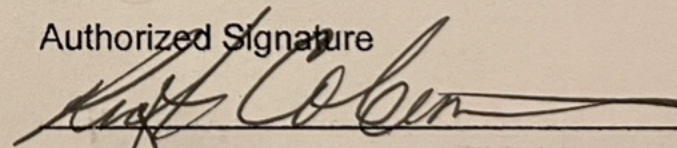
652 Oliver Street
Williamsport, PA. 17701 U.S.A.

Form No. 2481 (3/04-LM)

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and 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 new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-540-J3A5D**Serial #: **RL-21017-40E**Total Time: **0.0**Work Order #: **AR398105**Date Completed: 10/13/09

Authorized Signature

**Lycoming Engines**652 Oliver Street
Williamsport, PA. 17701
Production Certificate # 3

SERVICE

Manufacturer _____

Part Name _____

Model No. _____

Serial No. _____

Remarks N14PZ

The aircraft engine or a

and inspected in accord
of the Federal Aviation
for return to service.

Pertinent details of the
Lycoming Engines under

Date 10/13/09

Signed [Signature]

Signature of Authorized Person

FOR:

LYCOMING

A Textron Company

652 Oliver Street

Williamsport, PA 17701 USA

Production Certificate #3

Form 302A (3/04-LM)

LYCOMING

A Textron Company

652 Oliver Street

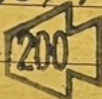
Williamsport, PA 17701 U.S.A.

FINAL ENGINE ACCEPTANCE

Eng. Serial No. RL-21017-40

Inspector [Signature]

Date 10/13/09



Form 245 (5-02)

Form No. 2481 (3/04-LM)

ing specifications. All
and Lycoming Service
ave been determined
ate are new or newly
numbers and serial

ENGINE LOG

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

MARKS

N#: N14PZ

Ser. #: 28-11050

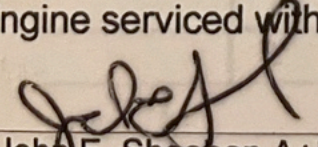
Eng TT: 0.0

Date: 11-16-2009

Tach: 2152.7

ACTT: 2152.7

This Factory Reman (Zero Time) engine installed on PA28-236, N14PZ. Eng. installed using all new Lord engine mounts part # J9613-53 and new AN7-35A bolts. All fluid hoses forward of the firewall are new. Oil Cooler was drained and flushed. Propeller (HC-F2YR-1F, s/n CM1025A) reinstalled with 693.7 hrs TSMOH. Prop. Gov. (part # F4-21, ser. # D2948UJ PC10) reinstalled with 2152.7 hrs. TSN. Alternator (p/n ALY8520R, s/n G013273) reinstalled with 491.6 TSMOH. Tanis engine preheater system reinstalled. New Vac. pump AA3215CC, s/n N61103 installed. New 73965-009 & -010 alternator and A/C belts installed. All other accessories were installed as shown on the eng. "Record of Accessories" provided with the engine from Lycoming. Engine sheet metal baffles repaired where necessary. Ground runup completed per Lycoming SI1427B with no fuel or oil leaks noted. Engine serviced with 12 qts. Phillips Type "M" 20w-50 mineral oil.


John E. Sheehan A+P 16603796 IA

All Repair Data Must
Certificated Mechanic
Certificate Number M

ENGINE LOG

Serial No.

ate	Time	
	Hrs	Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Sign



LOGBOOK ENTRY

ENGINE

Name: Paul Zavracky

A/C: N14PZ

W.O.: 6558

Tach Time: 2476.1

Date: 12/8/09

AC S/N: 2811050

Drained oil, replaced oil filter AA48103 and saftied, service 12 qts
Phillips Mineral 20W50 oil.. Run up completed no leaks noted. See
work order for details.

With respect to the work performed and described above, this aircraft is
approved for return to service.

Signature: _____

A&P 3041586

Stephen J. Winn

FlightLevel Norwood LLC - Maintenance
209 Access Rd., Norwood, MA 02062

st Bear the Endors
nic, and his Rating
MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-1-10	2	18	<p>Engine - Completed all routine items for an annual/100 hr. insp. IAW guidelines set forth in FAR 43 Appendix D. Lubed all lube pts as required. Cyl. Comp. N as follows 178/80 279/80 377/80 478/80 577/80 676/80. Drained oil. Removed oil filter. Drained, cut open & inspected. No contaminants found at this time. Removed, inspected & cleaned all fuel & oil screens.</p> <p>Added 10 qt 15W50 Aeroshell & installed CH48103-1 filter - Replaced elec fuel pump op OK; removed exhaust system - disassembled & inspected. Replaced forward middle 67517-00 - Reassembled exhaust - cleaned exhaust ports <u>correct</u></p>		
			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		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-1-10	2181.	'	<p>cont → Applied hydraulic to all gskts & reinstalled w/ new hardware as needed & retorqued; Retorqued engine mount to firewall bolts; Reset mag timing to 23° BTI; Carb drained & flushed & replaced gskt 16448; Replaced fuel streamer gskt 462-049; Retorqued oil drain tube clamps & intake clamps; Washed engine. Cleaned air box & replaced filter BA2905. Ran engine Op OK. No leaks. Renewed.</p> <p>(Engine TIT. 28.4)</p>		
			<p>DATE <u>2-1-10</u> TACH TIME <u>2181.</u></p> <p>I certify that this Aircraft/Engine has been inspected in accordance with a <u>annual</u> inspection and has been found to be in Airworthy condition.</p> <p>Mechanic <u>Jim Casey</u> <u>TAH480873</u></p>		
			<p>Page Total</p> <p>Brought Forward</p> <p>Total to Date</p>		

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	License Number
	Hrs	Min			
3-13-10			TACH 2206. ⁵ removed prop & ring gear - Replaced alternator belt 73965-009 Reinstalled ring gear & prop & Retightened main engine GPCCK Reconnected flange AB-148870		
			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		

No.

Signature _____

Time

Hrs	Min
-----	-----

N#: N14PZ

Ser. #: 28-11050

Eng TT: 103.2

Date: 07-03-2010 Tach: 2255.9

- 1) Drained oil, added 11 qts. Phillips X/C 20w-50 oil. Installed a new ES481031 oil filter - inspected removed filter element and found no abnormal contaminants. Engine ground runup and functional check satisfactory with no oil leaks noted.

- 2) R+R propeller to install a new alternator belt and a new alternator pulley.

- 3) Installed a new carburetor ice detector probe in the carburetor.

P Edward J. Novak Jr. A+P 2832024 1A

Bi

Total to Date

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[illegible]

No.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-29-10	Taeh	2271.0	Replaced prop & ring gear. Replaced belt 73965-009 & installed replacement pulley 99072-000. Reinstalled prop & ring gear. Returged & satble. On engine Gp/CK Recont. flamy AB-480813		
9-27-10	Taeh	2293.1	Changed oil & filter 12qt 20W50 & CH48103-1. Oil drained, cut open & inspected - No contaminants noted at this time. Installed replacement belt 73965-009 & adjusted tension. Washed engine & coat. Run engine Gp/CK No leaks. Recont. flamy AB-480813		
			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		

3/4/11 BB

Tach & Acft. TT 2341

ENGINE LOG

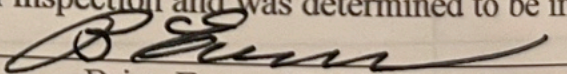
Serial No



Eagle East
Aviation

Eng Total time and TSMOH 188
Prop TT 2341 and TSMOH 802

Complied with an annual inspection in accordance with FAR 43 appendix D.
Complied with Piper AD10-15-10 (Control wheel universal peep hole inspection) and checked all AD's through biweekly 11-04.
Compression check. #1 80/76 #2 80/78 #3 80/78 #4 80/77 #5 80/76 #6 80/72.
Complied with a oil and filter change. Filter checked for contamination and none found. Philips 20/50 oil added.
All spark plugs were cleaned, regapped, tested, and rotated when reinstalled.
Removed and replaced induction system inlet filter.
Retorqued all rocker box cover screws.
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.


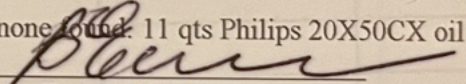

Brian Eason AP17326119IA

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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.

ENGINE LOG

Serial No. _____

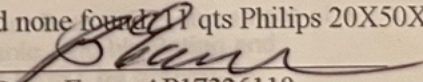
Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
08/16/11 Tach 2369	 <p>Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20X50CX oil a new CH48103-1 filter installed. Leak checked OK.</p>	 Brian Eason AP17326119	N14PZ

12/05/11
Tach 2415

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20X50XC oil a new CH48103-1 filter installed. Leak checked OK.


 Brian Eason AP17326119

ENGINE LOG

Serial No. _____

02/17/12

Tach, Acft TT Prop TT 2426

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ
Eng TT 274
Prop TSMOH 967

Complied with an annual inspection in accordance with FAR 43 appendix D.

Complied with Bendix AD76-07-12R1 and checked all AD's through biweekly 2012-02.

Compression check. #1 80/72 #2 80/72 #3 80/74 #4 80/76 #5 80/74 #6 80/72.

Complied with a oil and filter change. Filter checked for contamination and none found. Philips 20/50 oil added.

All spark plugs were cleaned, regapped, tested, and rotated when reinstalled.

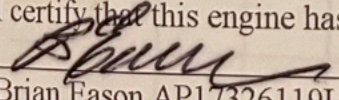
Retorqued all rocker box cover screws and rocker box drain line coupling hose clamps.

Welding repair to cabin heat and carburetor heat shrouds.

Removed and replaced the fresh air to muffler duct.

Removed small area on top cowl to allow clearance with top cowl and #1 and #2 rocker box covers.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition


Brian Eason AP17326119IA

			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.					

ENGINE LOG

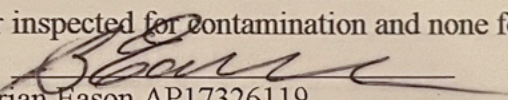
Serial No. _____

08/10/12
Tach 2457

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 0184

N14PZ

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20-50XC oil a new CH48103-1 filter installed. Leak checked OK.

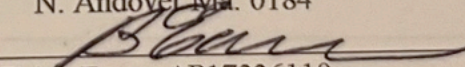

Brian Eason AP17326119

08/29/12
Tach 2461

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 0184

N14PZ

Removed and replaced forward muffler with a new assembly.


Brian Eason AP17326119

			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.

N14P7

Brian Eason AP17326119

Total to Date

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

Make: Lycoming Model: O-540-J3A5D Serial: RL-21017-40E W.O #: 6044, 56045
 Date: 2/22/13 Tach: 2510.7 Total Time Since Rebuild: 358.7 ADs checked thru 2/22/13
 Serial No.

ENGINE LOG

Date

Oil, removed filter and inspected. No metals noted. Installed new filter and torqued and satlled
 engine with 1 qt Philips XC 20W50.
 Removed, cleaned, gapped, tested and reinstalled spark plugs and torqued to 30 ft/lbs.
 Replaced #4 primer line and #2 and #4 primer line clamps with new.
 Reset mag points and retimed mag to engine (23 deg BTDC).
 Retorqued all rocker box cover screws and tightened rocker box oil return line clamps.
 Installed cover plate over the vacuum pump drive pad (vacuum system removed).
 Fabricated and installed new #3 cylinder baffle.
 Replaced five exhaust system gaskets with new to stop exhaust leaks.
 Lubed engine controls. Engine runs normal. No leak noted.

Compression check:

#1 29/80 #2 26/80 #3 77/80 #4 66/80 #5 79/80 #6 79/80

I Certify that this Engine has been inspected in accordance with an Annual Inspection,
 as outlined in FAR Part 43 Appendix E, and was determined to be in airworthy condition.

By: James Griffin
 Brought Forward

James Griffin

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

for Griffin Aviation Services

Beairstable Municipal Airport Hyannis, MA 02601 FAA CRS # GN1R172K

License
 Number

ENGINE LOG

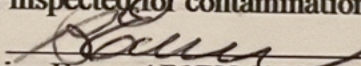
Serial No. _____

04/25/13
Tach 2541

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20-50XC oil a new CH48103-1 filter installed. Leak checked OK.

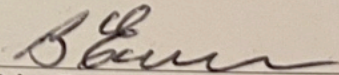

Brian Eason AP17326119

09/18/13
Tach 2588

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ

Repaired shorted ampmeter wiring at firewall.
Removed and reinstalled ampmeter after repair at Airparts of Lock Haven. Tag attached.


Brian Eason AP17326119

			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.

ENGINE LOG

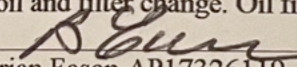
Serial No. _____

09/18/13
Tach 2587

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20-50XC oil a new CH48103-1 filter installed. Leak checked OK.


Brian Eason AP17326119

12/04/13
Tach, Acft TT Prop TT 2594

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ
Eng TT 442
Prop TSMOH 1135

Complied with an annual inspection in accordance with FAR 43 appendix D.

Complied with Bendix AD76-07-12R1 and checked all AD's through biweekly 2013-23.

Compression check. #1 80/78 #2 80/74 #3 80/74 #4 80/76 #5 80/72 #6 80/76.

Complied with a oil and filter change. Filter checked for contamination and none found. Philips 20/50 oil added.

All spark plugs were cleaned, regapped, tested, and rotated when reinstalled.

Retorqued all rocker box cover screws.

Removed and replaced primer line clamp.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition


Brian Eason AP17326119IA

ENGINE LOG

Serial No.

05/15/14
Tach 2646

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20-50XC oil a new CH48103-1 filter installed. Leak checked OK.

Brian Eason
 Brian Eason AP17326119

N. Andover Ma. 01845

Brian Eason AP17326119

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ENGINE LOG

Serial No. _____

10/08/14
Tach, Acft TT Prop TT 2710

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

N14PZ
Eng TT 558
Prop TSMOH 1251

Complied with an annual inspection in accordance with FAR 43 appendix D.
Complied with Bendix AD76-07-12R1 (Switch Ops Test), Piper AD95-26-12 (Oil Cooler Hose Insp), and checked all AD's through biweekly 2014-19.
Compression check. #1 80/76 #2 80/70 #3 80/70 #4 80/74 #5 80/78 #6 80/76.
Removed and replaced LH forward engine baffle with new part.
Removed and replaced induction system inlet filter.
Retorqued and resafetied Tannis oil sump heater. Leak checked OK.
Complied with a oil and filter change. Filter checked for contamination and none found. Philips 20/50 oil added.
All spark plugs were cleaned, regapped, tested, and rotated when reinstalled.
Retorqued all rocker box cover screws.
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition


Brian Eason API7326119IA

			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	



RELIABLE JET MAINTENANCE, LLC.

561-417-3834

ENGINE LOG ENTRY

Date:	December 18, 2014	Aircraft Reg#:	N14PZ
Work Order:	14-12883	Aircraft Serial#:	28-11050
A/C Total Time:	2754.6	Hobbs Time:	3132.4
Engine #:	1	Total Engine Time:	
Engine P/N:	O-540-J3A5D	Engine S/N:	RL-21017-40E

Performed the following Maintenance:

1. Complied with oil change. Removed and replaced oil filter P/N CH 48103-1. Drained oil sump and replenished with 12 ea. quarts of Aeroshell W15-W50 engine oil. All work ref: Lycoming SB 480E. Performed engine run. Leak checked good with no defects noted.

The engine described in Work order # 14-12888 is certified airworthy and approved for return to service for the work performed, IAW current Federal Aviation Regulations.

Thomas Cragg

For

Reliable Jet Maintenance, LLC. CRS# LCPR025G

Created By: TC

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

ENGINE MODEL: O-540
ENGINE S/N: RL-21017-40E
REG. NO: N14PZ
WORK ORDER: 8462



Windward Aviation

2633 Lantana Road
Suite 1/Hangar 1301/1401
Lantana, FL 33462
Phone: 561-966-8668

DATE: 23 March, 2015
A/C TSN:
ENG TT:
TSMOH:
TACH: 2782.1

Engine Entries

- 1 REPLACED STARTER WITH NEW SKY-TEC, P/N: 149NL, S/N:FN-21140, SEE CERTIFICATE OF CONFORMANCE FROM SKY-TEC. REMOVED AND REINSTALLED ALTERNATOR TO ACCESS STARTER. TENSIONED ALTERNATOR BELT AND RESAFETIED.
- 2 CHANGED OIL AND OBTAINED SAMPLE. REPLACED OIL FILTER. NO ABNORMAL DEBRIS FOUND IN OLD FILTER AND PICK UP SCREEN. SERVICED WITH 10 QUARTS AEROSHELL 15W50 OIL.
- 9 TIGHTENED OIL PAN BOLTS AND ROCKER COVER SCREWS AS REQUIRED. TIGHTENED OIL RETURN TUBE CLAMPS. DEGREASED ENGINE AND LOWER COWLING.

Maintenance Release

The aircraft and/or component(s) described above on N14PZ was(were) repaired and inspected in accordance with current Federal Aviation Regulations(FAR) and the manufacturer's maintenance manual(s), was ground tested and is approved for return to service. Pertinent details of the repair(s) are on file at this maintenance facility under Work Order No. 8462, Dated 23 March, 2015.

DATE: 23 March, 2015

SIGNED: _____

ROBERT SHANE MASTERSON, A&P: 3711885

Work Order: 8462

Printed by EBis 3 (datcomedia.com)

ENGINE LOG

Serial No.

Date	Time		Signature
	Hrs	Min	
			FAA - PMA
			This tag certifies that Sky-Tec Model No. <u>149-NL</u>
			Serial No. <u>FN-211420</u> was manufactured new on <u>28 May 2014</u>
			by Sky-Tec under the authority of FAA-PMA No. PQ0852SW
			Supplement No. <u>7</u> in accordance with Sky-Tec's
			FAA-Approved Quality System (14CFR Part 21, Subpart K).
			This article has been determined to be airworthy.
			For installation eligibility see <u>www.skytecair.com/eligibility.htm</u>
			Starter Installed on N <u>14PZ</u> by <u>[Signature]</u>
			(Aircraft) (Mechanic)
			<u>AP 3082 / 701 A</u>
			Form CC1108-1
			Page Total
			Brought Forward
			Total to Date
			All Repair Data Must Bear the Endorsement of Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

N14PZ

05/27/15
Tach 2810

Atlantic Aircraft Services
Lawrence Municipal Airport
N. Andover Ma. 01845

Complied with a oil and filter change. Oil filter inspected for contamination and none found. 11 qts Philips 20-50XC oil a new CH48103-1 filter installed.
Leak checked OK.

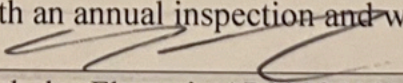
Brian Eason AP17326119

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Total to Date

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
09/10/15			Lawrence Airmotive LC Lawrence Municipal Airport N. Andover Ma. 01845		N14PZ Eng TT 698 Prop TSMOH 1391
<p>Complied with an annual inspection in accordance with FAR 43 appendix D.</p> <p>Complied with Bendix AD76-07-12R1 (Switch Ops Test), Piper AD95-26-12 (Oil Cooler Hose Insp), and checked all AD's through biweekly 2015-18.</p> <p>Compression check. #1 80/78 #2 80/76 #3 80/78 #4 80/72 #5 80/72 #6 80/73.</p> <p>Removed and replaced LH forward engine baffle seal with new.</p> <p>Removed and replaced forward muffler with new.</p> <p>Complied with oil and filter change. No contaminants found in removed filter. 11qts of Philips X/C 20w/50 oil added and a new CH48103-1 filter.</p> <p>All spark plugs were removed and replaced with new Champion.</p> <p>Retorqued all rocker box cover screws.</p> <p>I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p>					
Page Total			<p> Nickolas Flammia AP3339511IA</p>		
			Brought Forward	<p>Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	
			Total to Date		

ENGINE LOG

Serial No. _____

Date

Time

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License



RELIABLE JET MAINTENANCE, LLC.

561-417-3834

ENGINE LOG ENTRY

Date:	February 25, 2016	Aircraft Reg#:	N14PZ
Work Order:	16-14695	Aircraft Serial#:	28-11050
Engine P/N:	O-540-J3A5D	Engine S/N:	RL-21017-40E
Hobbs Time:	3299.1		

Performed the following Maintenance:

Complied with oil change. Removed and replaced oil filter P/N CH 48103-1. Drained oil sump and replenished with 11 quarts of Aeroshell W15-W50 engine oil. All work ref: Lycoming SB 480E. Performed engine run. Leak checked good with no defects noted.

The engine described in Work order # 16-14695 is certified airworthy and approved for return to service for the work performed, IAW current Federal Aviation Regulations.

Michael L. Oliver

For: Reliable Jet Maintenance, LLC. CRS# LCPR025G

Created By: MLO

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.

ENGINE LOG

Serial No.

Date _____

06/10/2016

Tach: 2943

Lawrence Airmotive LLC

Lawrence Municipal Airport

N. Andover, MA 01845

N14PZ

ense
mber

Complied with oil and filter change. 11qts of Phillips X/C 20w/50 oil and a new CH48103-1 filter. Removed filter was split and no contamination found. Engine ran and leak checked OK.

Nickolas Flammia AP3339511

07/29/2016

Tach: 2958

Lawrence Airmotive LLC

Lawrence Municipal Airport

N. Andover, MA 01845

N14PZ

Repaired alternator field wire at alternator connection. Ops check OK.

Nickolas Flammia AP3339511

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

09/26/2016

Tach, A/F, PropTT: 2980

ENGINE
Lawrence Airmotive LLC
Lawrence Municipal Airport
N. Andover, MA 0184

Serial No.

N14PZ

EngTT: 828

PSMO: 22

Date

Complied with an annual inspection I/A/W FAR43 App. D.

Complied with Bendix AD76-07-12R1 (Switch), Piper AD95-26-12 (Oil Cooler Hose), checked all other Ads through biweekly 2016-18.

Compression check: #1-78 #2-0 #3-77 #4- 79 #5- 75 #6- 78

Removed cylinder#2, sent to Penn Yan Aero for repair, and reinstalled.

Removed and replaced all rocker box cover gaskets with new.

Removed and replaced manifold pressure line from eng. To firewall with new.

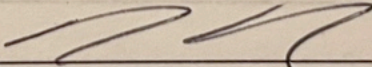
Removed and replaced cylinder #2 rocker box drain line with new.

Tightened alternator belt idler pulley bracket.

All spark plugs were cleaned, gapped and rotated when reinstalled.

Complied with oil and filter change. Removed filter was split and no contamination found. Engine was serviced with 11qts of Phillips 20w/50 Mineral oil and a new Champion CH48103-1 filter.

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


Nickolas Flammia AP3339511A

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

Serial No.

2633 Lantana Road
Suite 1/Hangar 1301/1401
Lantana, FL 33462
Phone: 561-966-8668

DATE: 09 March, 2017

A/C TSN-

ENG TT:

TSMOH:

TACH: 3030.3

DRAINED OIL AND OBTAINED SAMPLE. REPLACED OIL FILTER. NO ABNORMAL DEBRIS FOUND IN FILTER. SERVICED WITH 10 QUARTS AEROSHELL 15W50.

The aircraft and/or component(s) described above on N14PZ was(were) repaired as described above and inspected in accordance with current Federal Aviation Regulations (FAR) and the manufacturer's maintenance manual(s) and was ground tested. Aircraft returned to service. Pertinent details of the repair(s) are on file at this maintenance facility under Work Order No. 8932, Dated 09 March, 2017.

DATE: 09 March, 2017

SIGNED:

MARISA SMITH LEACH, IA: 3082170

Work Order: 8932

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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.**

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

ENGINE MODEL: O-540-J3A5D
ENGINE S/N: RL-21017-40E
REG. NO: N14PZ
WORK ORDER: 8965



Windward Aviation

2633 Lantana Road
Suite 1/Hangar 1301/1401
Lantana, FL 33462
Phone: 561-966-8668

DATE: 03 May, 2017

A/C TSN:

ENG TT:

TSMOH:

TACH: 3048.1

Engine Entries

- 1 DRAINED OIL AND OBTAINED SAMPLE. REPLACED OIL FILTER. NO ABNORMAL DEBRIS FOUND IN FILTER. SERVICED WITH 10 QUARTS AEROSHELL 15W50 OIL.

Maintenance Release

The aircraft and/or component(s) described above on N14PZ was(were) repaired as described above and inspected in accordance with current Federal Aviation Regulations(FAR) and the manufacturer's maintenance manual(s) and was ground tested. Aircraft returned to service. Pertinent details of the repair(s) are on file at this maintenance facility under Work Order No. 8965, Dated 03 May, 2017.

DATE: 03 May, 2017

SIGNED:

FAUSTO E GARCIA, IA: 2727148

Work Order: 8965

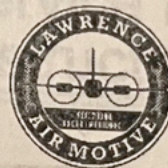
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Lawrence Airmotive LLC

SPIT: 3109

603-479-2067

LWMAirmotive@outlook.com



Lawrence Municipal Airport
492 Sutton St.

N. Andover, MA 01845

with FAR43 appendix D.

N14PZ

ESMO: 957

PSMO: 151

Complied with an annual inspection in accordance

Complied with Bendix AD76-07-12R1 (Switch), Piper AD95-26-12 (Oil Cooler Hose), checked all other Ads through biweekly 2017-16.

Compression check: #1-72 #2-70 #3-74 #4-79 #5-76 #6-74.

Repaired broken wires on tanis heater harness.

Removed cylinder #4, sent to Unlimited Aero Engines for repair, and reinstalled with new gaskets.

Removed and replaced middle and aft mufflers with new, removed and replaced cyl #1 and #3 stacks with new, installed with new gaskets.

Removed and replaced dual magneto with overhauled unit from Quality Aircraft Accessories.

Removed and replaced alternator with overhauled unit from Aerotech.

Tightened alternator belt idler pulley bracket.

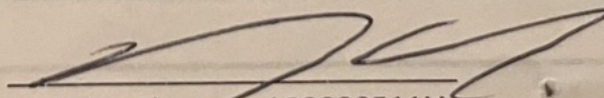
Removed and replaced air conditioning compressor idler pulley bearing with new.

Removed and replaced bottom spark plugs with new Champion RHM38E.

Top spark plugs were cleaned, gapped and rotated when reinstalled.

Complied with oil and filter change. Removed filter was split and no contamination found. Engine was serviced with 11qts of Phillips 20w/50 Mineral oil and a new Champion CH48103-1 filter.

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


Nickolas Flammia AP3339511IA

Service Bulletins, Letters, Instructions & A D Notes

DATE _____

ENGINE MODEL: O-540-J3A5D
ENGINE S/N: RL-21017-40E
REG. NO: N14PZ
WORK ORDER: 9086



Windward Aviation

2633 Lantana Road
Suite 1/Hangar 1301/1401
Lantana, FL 33462
Phone: 561-966-8668

DATE: 06 March, 2018

A/C TSN:

ENG TT:

TSMOH:

TACH: 3143.2

Engine Entries

- 1 DRAINED OIL AND OBTAINED SAMPLE. REPLACED OIL FILTER. NO ABNORMAL DEBRIS FOUND IN FILTER. SERVICED WITH 10 QUARTS AEROSHELL 15W50 OIL. CLEANED OIL SCREEN. SOME GASKET MATERIAL FOUND IN SCREEN. INSTALLED SCREEN WITH NEW CRUSH GASKET AND SAFETIED.

Maintenance Release

The aircraft and/or component(s) described above on N14PZ was(were) repaired as described above and inspected in accordance with current Federal Aviation Regulations(FAR) and the manufacturer's maintenance manual(s) and was ground tested. Aircraft returned to service. Pertinent details of the repair(s) are on file at this maintenance facility under Work Order No. 9086, Dated 06 March, 2018.

DATE: 06 March, 2018

SIGNED: _____

JAMES F LEACH, A&P: 2036306

Work Order: 9086

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DATE _____

Service Bulletins, Letters,
Instructions & A D Notes

11-17-18 Tach 3195 Eng T.T. 1043

Prop TSMOH 1736

This Log book Closed

See log #2

ABryson