

ENGINE LOG



NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL O-360-A4M SERIAL NO. L-40620-36E
DATE 6-1-06 
(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

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

Form No. 777-B (Rev. 3/03)

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		N639ST	JUL 18 2006
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

ENGINE DESCRIPTION

Manufacturer: Lycoming-Williamsport, Penn Serial No. L-40620-36E

Horsepower: 180

Model: O-360-A4M

FAA T. C. No. E286

[illegible]

ENGINE LOG



LOG BOOK ENTRY

N639ST
W/O 24545

Engine Entry
Hobbs: 33.2

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K

January 16, 2007
S/N L-40620-36E

1. Drained sump, sample taken. Removed, cut and inspected filter. NDN. Installed new filter P/N: CH48110-1, and safetied. Removed, cleaned and inspected sump screen. NDN. Reinstalled sump screen with new crush gasket P/N: MS35769-21, and safetied. Serviced engine with 8 Qts. Aeroshell 80 mineral oil.

-----END-----

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24545. Date: 16 Jan 07
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

1
Carry forward



N639ST
W/O 24575

LOG BOOK ENTRY

Engine Entry
Hobbs: 34.5
TT Engine: 34.5

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K

March 1, 2007
S/N L-40620-36E

1. Performed a 100 hour/annual inspection of the engine per the Piper Archer PA-28-181 MM chapter 5-20-00.
2. Engine compressions are as follows 1) 77/80, 2) 77/80, 3) 79/80, 4) 76/80
3. Adjusted alternator drive belt tension to within limits IAW Piper PA28-181 MM chapter 24-30-00.
4. Adjusted air conditioning compressor drive belt to within limits IAW Piper PA28-181 MM chapter 21-50-00.
5. A/D Notes Checked to Bi-weekly 2007-04. See AD Log dated 3/1/07.
6. Performed post-inspection ground run operational and leak checks are satisfactory.

-----END-----

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24575. Date: 1 Mar 07
Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 LF1R294K

This powerplant has been inspected in accordance with an annual inspection and has been deemed airworthy at this time.

ENGINE LOG



LOG BOOK ENTRY

N639ST
W/O 24923

Engine Entry
Hobbs: 63.2

P.O. Box 4942
Baltimore, MD 21220
(410) 574-4144
CRS #LF1R294K

July 31, 2007
S/N L-40620-36E

1. Drained oil and took sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48110-1. Serviced engine with 7 quarts of Aeroshell 15W-50. Work performed per Lycoming SB 480E dated July 13, 2000.

-----END-----

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 24923 Date: July 31, 2007
Signed: [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220 CRS LF1R294K

Total

Carry Forward



Experience the Skytech-Advantage

P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

No.

Engine Log Entry	Hobbs:	79.3	Registration #:	N639ST
Date: March 21, 2008	Total Time:	79.3	Make/Model:	O-360-A4M
W/O: 25252	Cycles:		S/N:	L-40620-36E
	TSO:			

Performed a 100-HOUR Inspection:

- Performed a 100 hour/annual inspection of the engine per the Piper Archer PA-28-181 MM chapter 5-20-00.

Complied with the following Airworthiness Directives (AD's):

- AD 84-26-02 paper induction air filters performed per "NOTE" by inspecting the air filter for condition. The air filter is due for inspection at Actt: (179.3) or (1 year). Replacement is due at Actt: (500 filter hours) or as necessary based on condition. Effective date Jan 29, 1985.
- AD 2007-04-19 To prevent cylinder separation that can lead to engine failure does not apply cylinder p/n not listed in table 1 per Lyc SB 578 dated Sept 21, 2007. AD effective date is Nov 19, 2007.
- AD 2007-04-19 To prevent cylinder separation that can lead to engine failure does not apply cylinder p/n not listed LW-12397. AD effective date is May 7, 2007.
- Checked AD'S thru bi-weekly 2008-05

ENGINE LOG



P.O. Box 4942, Baltimore, Maryland 21220
Phone: (410) 574-4144 / Fax: (410) 780-4439

Completed the following additional items:

- Drained oil and took sample. Removed and cut open oil filter, NDN. Removed sump screen from engine, cleaned, and inspected, NDN. Installed a new oil filter p/n CH48110-1. Serviced engine with 8 quarts of Aeroshell 15W-50. Work performed per Lycoming SB 480E dated July 13, 2000.
- Performed a compression check. Compressions as follows: 1- 73/80, 2- 69/80, 3- 77/80, 4- 73/80.
- Adjusted air condition belt tension per Piper PA28-181 MM Chapter 21-50-00. Adjusted alternator belt tension per Piper PA28-181 MM Chapter 24-30-00.
- Profiled baffle for proper clearance from engine.
- Adjusted left and right hand magnetos internal timing per Slick Unison L-1363C 4300/6300 Series Magneto Maintenance and Overhaul Manual.

I certify that this **Engine** has been inspected in accordance with a **100-HOUR** inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 25252 Date: March 21, 2008**

Signed Michael Ruth for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.
CRS# LF1R294K

Carry Forward



P.O. Box 4942, Baltimore, Maryland 21220
Phone: (410) 574-4144 / Fax: (410) 780-4439

Engine Log Entry	Hobbs:	103.5	Registration #:	N639ST
Date: October 14, 2008	Total Time:	103.5	Make/Model:	0-360-A4M
W/O: 25711	Cycles:	----	S/N:	L-40620-36E

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter, P/N CH48110-1. Serviced engine with 8 quarts of Aeroshell 15W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 25711 Date: October 14, 2008**

Signed [Signature] for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.
CRS# LF1R294K

ENGINE LOG



P.O. Box 4942, Baltimore, Maryland 21220
Phone: (410) 574-4144 / Fax: (410) 780-4439

Engine Log Entry	Hobbs:	106.1	Registration #:	N639ST
Date: April 2, 2009	Total Time:	106.1	Make/Model:	O-360-A4M
W/O: 25876	Cycles:		S/N:	L-40620-36E
	TSO:	-----		

Performed a 100-HOUR Inspection:

- Performed a 100 hour/annual inspection of the engine IAW Piper PA-28-181 MM chapter 5-20-00.

Complied with the following Airworthiness Directives (AD's):

- Performed AD 2008-19-05 ECI Cylinder- Prevent Loss of Engine Power Due To Cracks at Head-to-barrel Interface by excluding engine from applicability paragraph (c) as no ECI cylinder assemblies are installed. No further compliance needed. Effective date of the AD is October 20, 2008.
- AD notes checked thru bi-weekly 2009-06. See AD log dated April 2, 2009.

Completed the following additional items:

- Drained oil and took sample. Removed and cut open oil filter - NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter, P/N CH48110-1. Serviced engine with 8 quarts of Aeroshell 15W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Performed a compression check. Utilized compression tester s/n SKY0083. Compressions as follows: 1- 73/80, 2- 71/80, 3- 74/80, 4- 72/80.

Total
Carry Forward

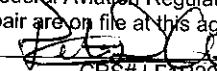


P.O. Box 4942, Baltimore, Maryland 21220
Phone: (410) 574-4144 / Fax: (410) 780-4439

- Cleaned, inspected, and internally timed LH and RH magnetos. Installed magnetos on engine using new gaskets p/n 62224 and LW12681, timed to engine, and performed run-up operational checks IAW Slick 4300 Series Overhaul Manual. Ops check satisfactory.
- Adjusted mixture and idle speed to within limits IAW Piper PA-28-181 MM chapter 76-10-00.
- Cleaned and torqued clamps on LH and RH valve cover drainback tubes. Leak check satisfactory.
- Secured oil filter tube and safetied with 0.032" SS lockwire.
- Installed new cylinder #1 and #2 intake tube gaskets p/n 71973 IAW Lycoming O-360 MM section 5. Leak check satisfactory.
- Installed new alternator drive belt p/n 73965-019 and tensioned IAW Piper PA-28-181 MM chapter 24-30-00. Ops check satisfactory.

I certify that this Engine has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under **Work Order No: 25876 Date: April 2, 2009**
Signed  for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.
CRS# LFTR294K

1 OF 2

2 of 2

ENGINE LOG



Royal Aircraft Services, LLC /
DBA JRA Executive Air
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS JZRR651K

Date 6-02-09
N639ST

Hobbs 110.3

Lycoming O 360-A4M

SN L-40620-36E

Completed a compression check #1 79/80 #2 79/80 #3 79/80 #4 79/80, the engine was warm after flight at the time of compression check.
The aircraft identified above was inspected in accordance with the current regulations of the FAA and is approved for return to service. Pertinent details of the maintenance are on file with this repair station under work order #0906065.

Bernard Hanlon
Bernard Hanlon for Royal Aircraft Services, LLC/JRA Executive Air

To
Carry Forward



Royal Aircraft Services, LLC /
DBA JRA Executive Air
18335 Airpark Rd.
Hagerstown, MD 21742
301-791-3642 - FAX: 301-791-7368
CRS JZRR651K

Date 6-02-09
N639ST

Hobbs 110.3
Piper PA28-181

SN 2843639

Checked AD 2009-05-05 on Avidyne PFD pn 700-00006-002 sn 20748176 and found NA by SN of unit installed at this time.

The aircraft identified above was inspected in accordance with the current regulations of the FAA and is approved for return to service. Pertinent details of the maintenance are on file with this repair station under work order #.

Bernard Hanlon
Bernard Hanlon for Royal Aircraft Services, LLC/JRA Executive Air

ENGINE LOG

FAA Certified
Repair Station
X1AR676H



515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
W/O 04268

Engine Logbook Entry

20 Aug.09 **N639ST** Tach 150.4- Drained oil and removed oil filter to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 Qts. Areoshell 15W50. Ground run engine to check oil filter for leaks with none being noted.

Micheal J. Lossner
Chief Insp.
FAA CRS X1AR676H

FAA Certified
Repair Station
X1AR676H



515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
W/O 04553

Engine Logbook Entry

2 Feb 2010 **N639ST** Tach 175.7-Drained oil and removed oil filter to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 Qts. Areoshell 15W50. Cleaned, Gapped and tested all Spark Plugs. Ground run engine to check oil filter for leaks with none being noted, run up Normal.

Micheal J. Lossner
Chief Insp.
FAA CRS X1AR676H

FAA Certified
Repair Station
X1AR676H



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 04689

Engine Logbook Entry S/N L-40620-36E

7 May 2010 **N639ST** Hobbs 184.4-AFTT 184.4-Eng TT 184.4-Prop TT 184.4 (18 Jul 06). Completed 100 hour inspection per Piper PA-28-181 Maintenance Manual Chapter 5-20-00 pgs. 7 thru 16. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Replaced #2 Cylinder Intake Gaskett. Checked Magnetos, timing and checked spark plug lead continuity. Cleaned, Gapped, tested and rotated Spark Plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this Engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in AIRWORTHY Condition.
Compression's; #1-72/80, #2-76/80
#3-74/80, #4-74/80

Micheal J. Lossner
Chief Inspector
FAA CRS X1AR676H

ENGINE LOG

FAA Certified
Repair Station
X1AR676H



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 11-5299

Engine Logbook Entry
S/N L-40620-36E

17 Jun 11 **N639ST** Hobbs 208.6-AFTT 208.6-Eng TT 208.6-Prop TT 208.6 (18 Jul 06). Completed 100 hour inspection per Exec 1 Aviations 100hr/ Annual Inspection Guide. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Replaced #2 Cylinder Intake Gasket. Checked Magnetos, timing and checked spark plug lead continuity. Cleaned, Gapped, tested and rotated Spark Plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this Engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in AIRWORTHY Condition.
Compression's; #1-78/80, #2-78/80
#3-78/80, #4-76/80

[Signature]
Micheal J. Lossner
Chief Inspector
FAA CRS X1AR676H

FAA Certified
Repair Station
X1AR676H



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 12-5851

Engine Logbook Entry
S/N L-40620-36E

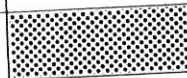
22 Jun 12 **N639ST** Hobbs 238.9-AFTT 238.9-Eng TT 238.9-Prop TT 238.9 (18 Jul 06). Completed 100 hour inspection per Exec 1 Aviations 100hr/ Annual Inspection Guide. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Replaced all P/N 71973 Cylinder Intake Gaskets. Checked Magnetos, timing and checked spark plug lead continuity. Removed and replaced all P/N Champion REM38E Spark Plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this Engine has been inspected in accordance with an ANNUAL Inspection and was determined to be in AIRWORTHY Condition.

Compression's; #1-76/80, #2-74/80
#3-78/80, #4-78/80

[Signature]
Micheal J. Lossner
Asst. Chief Inspector
FAA CRS X1AR676H


Total To
Carry Forward



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought				

FAA Certified
Repair Station
X1AR676H



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 13-6466


Engine Logbook Entry
M/N-O360-A4M, S/N L-40620-36E

7/19/2013, **N639ST**, Hobbs- 246.5, AFTT- 246.5, Eng TT -246.5, Prop TT -246.5 (18 Jul 06). Completed 100hr./Annual Inspection I/A/W Exec 1 Aviation's check list. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Removed and replaced Cylinder # 1 Intake Gasket, P/N- 71973. Checked Magnetos, found internal corrosion, explaining a rough idle during run-up. Removed and replaced both magnetos- RH-P/N-4370, S/N-13030438, LH-P/N-4371-13030438. Checked spark plug lead continuity. Inspected, cleaned, gapped, tested and rotated all 8 Champion REM38E Spark Plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this ENGINE has been inspected I/A/W an ANNUAL INSPECTION and was determined to be in AIRWORTHY Condition.

Compression's; #1-78/80, #2-77/80
#3-76/80, #4-78/80

Robert K Miller
Chief Inspector
FAA CRS X1AR676H



Total To Carry Forward

and Remarks

Signature

Certificate No.

FAA Certified
Repair Station
X1AR676H




Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 14-7042

Engine Logbook Entry
M/N-O360-A4M, S/N L-40620-36E

8/15/2014 **N639ST** Hobbs- 275.0 AFTT-275.0 Eng TT 27550 Prop TT 275.0 (18 Jul 06). Completed 100hr./Annual Inspection I/A/W Exec 1 Aviation's check list. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Removed and replaced Cylinder # 1 Intake Gasket, P/N- 71973. Checked Magnetos timing and adjusted both magnetos to engine timing. Checked spark plug lead continuity. Inspected, cleaned, gapped, tested and rotated all 8 Champion REM38E Spark Plugs. Replaced rocker cover gaskets on #3&4 cylinders. Replaced #2 & #3 cylinders intake gaskets. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked. No leaks noted.

I Certify that this ENGINE has been inspected I/A/W an ANNUAL INSPECTION and was determined to be in AIRWORTHY Condition.

Compression's; #1-75/80, #2-78/80
#3-78/80, #4-77/80


Michael D. Callison
Chief Inspector
FAA CRS X1AR676H

FAA Certified
Repair Station
X1AR676H

ENGINE LOG



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 15-7740

Engine Logbook Entry

Lycoming O-360-A4M S/N L-40620-36E

10/1/2015 **N639ST** Hobbs- 289.9 AFTT-289.9 Eng TT 289.9 Prop TT 289.9 (18 Jul 06). Completed 100hr./Annual Inspection I/A/W Exec 1 Aviation's check list. Drained oil, removed oil filter and cut open to check for contamination with none being noted. Installed a Champion CH 48110-1 oil filter and serviced engine with 7 qts. 15W50 Aeroshell. Checked Magnetos timing. Checked spark plug lead continuity. Inspected, cleaned, gapped, tested and rotated all 8 Champion REM38E Spark Plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this ENGINE has been inspected I/A/W an ANNUAL INSPECTION and was determined to be in AIRWORTHY Condition.

Michael D. Callison
Asst. Chief Inspector
FAA CRS X1AR676H

Compression's; #1-77/80, #2-74/80
#3-79/80, #4-75/80

Total To
Carry Forward

FAA Certified
Repair Station
X1AR676H



Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 16-8353

Engine Logbook Entry

Lycoming O-360-A4M S/N L-40620-36E

11/17/2016 **N639ST** Hobbs- 308.0 AFTT-308.0 Eng TT 308.0 Prop TT 308.0 (18 Jul 06). Completed 100hr./Annual Inspection I/A/W Exec 1 Aviation's check list. Drained oil, cut/inspected oil filter for contaminants, none noted. Installed new CH48110-1 oil filter and serviced engine with 8 qts. 15W50 Aeroshell. Checked magneto timing, no adjustment needed. Checked spark plug lead continuity. Cleaned, gapped, tested, and rotated spark plugs. Replaced all rocker cover gaskets with new P/N 75906. Pressure tested Heater/Muffler and exhaust system, No defects noted. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this ENGINE has been inspected I/A/W an ANNUAL INSPECTION and was determined to be in AIRWORTHY Condition.

Compression's; #1-78/80, #2-77/80
#3-78/80, #4-75/80

Jeffery Lee
Chief Inspector
FAA CRS X1AR676H

FAA Certified
Repair Station
X1AR676H

ENGINE LOG




Phone 515-965-1020
3700 SE Convenience Blvd
Ankeny, Iowa 50021
WO# 16-8353

Engine Logbook Entry

Lycoming O-360-A4M S/N L-40620-36E

3/1/2018 **N639ST** Hobbs- 317.0 AFTT-317.0 Eng TT 317.0 Prop TT 317.0 (18 Jul 06). Completed Annual Inspection I/A/W Exec 1 Aviation's check list. Drained oil, cut/inspected oil filter for contaminants, none noted. Installed new CH48110-1 oil filter and serviced engine with 8 qts. 15W50 Aeroshell. Checked magneto timing, adjusted both magneto's to 25 BTC. Checked spark plug lead continuity. Cleaned, gapped, tested, and rotated spark plugs. Pressure tested Heater/Muffler and exhaust system, No defects noted. Removed Propeller and replaced front crankshaft seal with new P/N LW13792. Replaced Air-conditioning Belt with new P/N 73965-020 and Alternator Belt P/N 73965-010. Reinstalled propeller and torqued to Spec. Checked AD's. Run-up and leak checked, No leaks noted.

I Certify that this ENGINE has been inspected I/A/W an ANNUAL INSPECTION and was determined to be in AIRWORTHY Condition.


Michael D. Callison

Chief Inspector
FAA CRS X1AR676H

Compression's; #1-74/80, #2-78/80
#3-78/80, #4-78/80

al To
ry Forward

**AKERMAN AVIATION • 1321 APOPKA AIRPORT ROAD • HANGAR 54
ORLANDO-APOPKA AIRPORT (X04) • APOPKA, FLORIDA 32712**

03-22-2019 N639ST HM:0362.5 ETT:0362.5 TSN:0362.5

Compression Check: #1 - 76/80, #2 - 75/80, #3 - 77/80, #4 - 74/80

Drained oil and removed filter, inspected lubrication system with no abnormalities noted. Installed AA48110-2 and serviced engine with 8 quarts of Aeroshell 15W50. Cleaned, gapped, inspected and pressure tested all spark plugs. Checked magneto to engine timing, no adjustments needed. Removed and replaced all rocker cover gaskets with new RG 75906-SP gaskets. Washed engine and engine compartment. Operational check shows normal and correct operations. Leak check showed no leak observed.

ADs checked for compliance, see compliance record for this date.

I certify that this engine has been inspected in accordance with manufacturers recommendation and FAR 43, Appendix D, for ANNUAL inspection and has been found airworthy this date and time.


Amos T. Akerman A&P 2862556 IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

AKERMAN AVIATION • HANGER 54 • APOPKA, FLORIDA (X04)

1321 APOPKA AIRPORT ROAD • HANGAR 54 • APOPKA, FLORIDA 32712

04-08-2020 N639ST Lycoming O-360-A4M S/N L-40620-36E HM:0376.2 ETT:0376.2 TSN:0376.2

Compression Check: #1 – 76/80, #2 – 75/80, #3 – 77/80, #4 – 76/80

Drained oil and removed filter, inspected lubrication system with no abnormalities noted. Installed AA48110-2 filter

and serviced the engine with eight (8) quarts of Aeroshell 15W50. Cleaned, inspected, gapped and pressure tested

all spark plugs. Checked magneto the engine timing, adjusted left magneto back to factory specifications of 25

degrees BTC. Washed engine and cowling. Operational checks show normal and correct.

ADs checked for compliance, see compliance checklist dated 04-08-2020.

I certify that this engine has been inspected in accordance with manufactures recommendations and FAR 43,

Appendix D, for ANNUAL inspection and has been found airworthy this date and time.

 Amos T. Akerman A&P 2862556 IA

Total To
Carry Forward