

# ENGINE LOG



330 PA

## NEW RECIPROCATING ENGINE CERTIFICATE

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

MODEL O-360-A4M

SERIAL NO. L-38668-36A

DATE 2-25-02

R. Pryor  
(AUTHORIZED REPRESENTATIVE)

**TEXTRON** Lycoming

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

# OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1	Forensic Services LLC 9374 S. Harbor Pointe Dr, Bloomington IN 47401-7634-2847	N330PA	MAY 10 2002
2			
3			
4			
5			
6			

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

## ENGINE DESCRIPTION

LYCOMING - WILLIAMSPORT, PENNA.

**Manufacturer:**

Serial No.

L-38668-36A

**Horsepower:**

180

**Model:**

0-360-A4M

FAA T. C. No.

E286

[illegible]

and Remarks

Signature

Certificate No.

ENGINE MODEL: 0-360-A4M  
ENGINE S/N: L-38668-36A  
REG. NO: N330PA  
WORK ORDER: 894-07-2002



**The New Piper Aircraft, Inc.**

2926 Piper Drive  
Vero Beach, FL 32960  
Repair Station No. ZPAR410X

DATE: 7/18/2002

TTA: 9.1

TTE:

HOBBS: 9.1

### Engine Entries

Removed left mag. M/N 4371 S/N 01120676 and replaced with left mag. M/N 4371 S/N 01113790 timed to factory spec....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 7/18/2002

SIGNED: 

Certified Repair Station No. ZPAR410X

WORK ORDER: 894-07-2002

Printed by EBis (<http://www.datamedia.com>)

AIRCRAFT SALES & BROKERAGE

## ENGINE LOG

Di

\*\*\*\*\* MUNCIE AVIATION CO. CRS#AJVR135C \*\*\*\*\*

N330PA Date 6/6/2003 A/C 24.6 Hrs. Hobbs

Annual/100Hr. inspection completed this Date Ref. Piper Aircraft Annual Inspection Report #761-883

Changed oil and filter serviced with Aeroshell 50W, Compressions #1 76/80 #2 76/80 #3 75/80 #4 74/80

Replaced Left magneto with new P#4371 S#03031403 timed to engine Ok

Serviced A/C with 2 lbs. of 134A coolant Ok

See AD list for details

Ground check and run-up ok

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

Repair Station No. AJVR135C

Make Lycoming Ser. No. L-38668-36A

Model 0-360-A4M Reg. Mark N330PA

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service. Pertinent details of the repair are on file at the Agency.

Work Order No. 86080 Date 6/6/2003

Signed [Signature] Inspector for

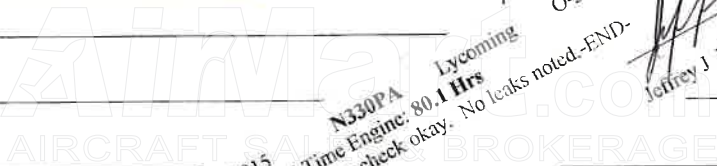
MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141

**MAC**

Total T

Carry Forward

and Remarks	Signature	Certificate No.
Oil Change <u>8</u> Quarts 15-50 Aeroshell <u>48110</u> Filter Date: <u>9/19/03</u> TACH <u>64.8</u> <u>Ray Parker</u> A&P 45888722	SN: 1-38668-36A Date 12-30-2002 O-360-A4M Jeffrey J Whyte A&P297760788	
<p style="text-align: center;">   AIRCRAFT SALES &amp; BROKERAGE </p>		
<p> Elite Aviation Inc. 2820 Bobmeyer Road Hamilton, Ohio 45015  Tach: 80.1 Hrs  Changed oil with 8qts Aeroshell 15W50 Oil and 1ea CH48110 Filter. Run up check okay. No leaks noted.-END- </p>		



## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			CHANG OIL 8Q13
				Filter Change
				CHANG NO TIME
				WASH ENGINE DOWN
				SYSTEM 84-26-02
Total To Carry Forward				

[illegible]



## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-20-04	Brought Forward →	Tach	201.9	Total time 234.4
				Changed oil and oil filter,
				(CH48110-1). Serviced with 8 qts.
				A.S. 15W50.
				Philip R. Garis
				A&P 1587382 IA
2-27-05		Tach	301.9	Changed oil & filter.
				(CH48110-1) Serviced with 7 qts.
				A.S. 15W50.
				Philip R. Garis
				A&P 1587382 IA
Total To Carry Forward				

Checked magneto  
insp. for security  
spark plugs.

12-21-04

Compression test #1-78/80 2-78/80 3-76/80 4-76/80.  
(CH48110-1). Serviced with 8 quarts A.S.15W50.  
timing. Insp. exhaust system. All controls  
and travel. Cleaned, gapped and tested  
All A.D.'s checked thru 2004-25.

IN ACCORDANCE WITH A 100 Hour INSPECTION AND  
~~WAS DETERMINED TO BE IN AIRWORTHY CONDITION.~~

DATE 12-21-04 TACH 248.5 T.T. 281.0 SMOH           

PHILIP R. GARIS  
A & P 1587382 FA

# ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
03-17-05	Brought Forward →	Jack	339.4	Compression test Changed oil and with A.S. 100 W PLUS. Cleaned and gap all engine cont. all A.D.'s checked
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>#1-78/80 2-78/80 3-78/80 4-78/80  oil filter (CH48110-1). Serviced  checked magneto timing.  red spark plugs. Insp.  rols for security &amp; travel.  thru 2005-05.</p>		
<p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED  IN ACCORDANCE WITH A <u>100 HOUR</u> INSPECTION AND  WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  DATE <u>3-17-05</u> TACH <u>339.4</u> T.T. <u>330.9</u> SMOH <u>---</u></p>		
<p><i>Philip R. Gares</i>  PHILIP R. GARES  A &amp; P 1587362 IA</p>		

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-22-05	Brought Forward →	Tach 391.7 T.T.E. 424.2		
		Comp. test. #1- 79/80 #2- 75/80 #3- 78/80 #4- 74/80.		
		Checked mag. timing. Cleaned and gapped spark plugs. Changed oil and oil filter, (CP48110), serviced with A.S. 100W Plus. All A.P.'s checked thru 2005-12. All engine controls for security and travel.		
		I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED		
		IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND		
		WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
		DATE <u>6-22-05</u> TACH. <u>391.7</u> T.T. <u>424.2</u> SMOH →		
Total To Carry Forward				Philip R. Ganes A & P 1587389-IA



Please Put in Engine Log book

6- BMG Aviation Inc. 812-825-7979  
984 South Kirby Road Bloomington, IN 47403  
N 303PA

Tach: 585.2

1. Change oil with 8 qts Aeroshell 15W50
2. Remove & inspect oil filter. Inspection OK.  
Replace with new 48110-1 filter
4. Install & safety wire new bolts on  
air conditioning bracket
5. Repair leak on oil dipstick housing
5. Ground run up. No leaks noted.

End

IA# 31160899IA Eric Hunt Signature *Eric Hunt*

Date 11/10/05

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tenance

Laser

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rapped

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all

ECTED

AND

Total To  
Carry Forward

DATE 11/10/05

TACH 585.2

T.T. 161.2

SMOH

*Philip R. Garis*

PHILIP R. GARIS

A & P 1587392 IA

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

BMG Aviation Inc. 812-825-7979 Date: 7/7/06  
984 South Kirby Road Bloomington, IN 47403

N330PA Model: PA-28-181 Serial#: 2843513  
Tach: 695.7 ETT: 695.7

728.2

1. Remove cowling, drain oil, remove & inspect oil filter . Inspect. OK
2. Installed 8 qts Aero shell 15W50, & new CH48110-1 Filter
3. Install new compressor
5. Compression test #1- 73, #2- 75, #3-77, #4-76.
6. Inspect engine, mounts, firewall, & exhaust.
7. Re-time Mags.
8. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43  
appendix "D" 100 hour inspection and was determined to be in airworthy  
condition. \*\*\*\*\*Signed: Bob Burke Bob Burke AP3146370

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	<div style="border: 1px solid black; padding: 10px;"> <p>BMG Aviation Inc.    812-825-7979    Date: 03/04/08  984 South Kirby Road Bloomington, IN 47403</p> <p><b>N330PA    Model: PA-28-181    Serial#: 2843513</b>  <b>Tach: 810.4    ETT: 810.4</b></p> <ol style="list-style-type: none"> <li>1. Remove cowling, drain oil, remove &amp; inspect oil filter . Inspect. OK</li> <li>2. Installed 8 qts Aero shell 80 Plus, &amp; new CH48110-1 Filter</li> <li>3. Install new valve cover gaskets</li> <li>5. Compression test #1-71, #2-77, #3-78 , #4-78.</li> <li>6. Inspect engine, mounts, firewall, &amp; exhaust.</li> <li>7. Wash down engine, test run no leaks noted.</li> </ol> <p>I certify that this engine has been inspected in accordance with FAR 43 appendix "D" 100 hour inspection and was determined to be in airworthy condition.*****Signed: <u>Bob Burke</u> Bob Burke AP3146370</p> </div>			
Total To Carry Forward				



and Remarks

Signature

Certificate No.

116665- 849.2 Change oil & Filter 8 qts 100plus & 48110 Filter

3146370 AP  
BGBL

BMG Aviation Inc. 812-825-7979 Date: 07/21/08  
984 South Kirby Road Bloomington, IN 47403

N330PA Model: PA-28-181 Serial#: 2843513  
Tach: 881.8 ETT: 881.8

1. Remove cowlings, drain oil, remove & inspect oil filter. Inspect. OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke BGBL AP3146370

116665  
930.0 Change oil & Filter 8 qts Aero shell 100plus  
48110 Filter. Tighten Alt. bolt

BGBL 3146370 AP

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	<p>BMG Aviation Inc. 812-825-7979 Date: 09/20/08            984 South Kirby Road Bloomington, IN 47403</p> <p><b>N330PA Model: PA-28-181 Serial#: 2843513</b>  <b>Tach: 979.2 ETT: 979.2</b></p> <p>1. Remove cowlings, drain oil, remove &amp; inspect oil filter . Inspect. OK            2. Installed 8 qts Aero shell 80 Plus, &amp; new CH48110-1 Filter            3. Install missing hardware in valve covers            3. Ops check and return A/C to service.</p> <p>Bob Burke <u>Bob Burke</u> AP3146370</p>			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

BMG Aviation Inc. 812-825-7979 Date: 11/07/08  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1046.6 ETT: 1046.6**

1. Remove cowling, drain oil, remove & inspect oil filter . Inspect. OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Install missing hardware in baffling
4. Install clamp on AC hoses
3. Ops check and return A/C to service.

Bob Burke Bu Bu AP3146370

# ENGINE LOG

Date	Engine Time Start / Stop / Hours	Recorder Reading	Maintenance
Total To Carry Forward			

BMG Aviation Inc.      812-825-7979      Date: 01/12/09  
 984 South Kirby Road Bloomington, IN 47403

**N330PA    Model: PA-28-181    Serial#: 2843513**  
**Tach: 1102.8                  ETT: 1102.8**

1. Remove cowlings, drain oil, remove & inspect oil filter . Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke Burke AP3146370

and Remarks

Signature

Certificate No.

BMG Aviation Inc. 812-825-7979 Date: 03/13/09  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1140.6 ETT: 1140.6**

1. Remove cowling, drain oil, remove & inspect oil filter . Inspect. OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Compression test #1-77, #2-71, #3-79 , #4-76.
4. Inspect engine, mounts, firewall, & exhaust.
5. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43 appendix "D" 100 hour inspection and was determined to be in airworthy condition.

Signed: Bob Burke Bob Burke A&P3146370

[illegible]

1. Remove cowling, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

BMG Aviation Inc. 812-825-7979 Date: 07/27/09  
984 South Kirby Road Bloomington, IN 47403

**N330PA    Model: PA-28-181    Serial#: 2843513**  
**Tach: 1278.7    ETT: 1278.7**

1. Remove cowl, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8.qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke Bob Burke AP3146370IA

BMG Aviation Inc. 812-825-7979 Date: 11/18/09  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1374.4 ETT: 137.4**

1. Removed Spark Plugs and installed 8 new plugs.
2. Ops check and return A/C to service.

Signed Bob Burke 136/13 AP3146370IA

BMG Aviation Inc. 812-825-7979 Date: 12/04/09  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1401.3 ETT: 1401.3**

1. Remove cowling, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke 136/14 AP3146370IA

Certificate No.



Date

BMG Aviation Inc. 812-825-7979  
984 South Kirby Road Bloomington, IN 47403

Date: 03/21/10

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1450.9 ETT: 1450.9**

1. Remove cowling,
2. No oil change at this time
3. Compression test #1-76, #2-76, #3-75, #4-78.
4. Inspect engine, mounts, firewall, & exhaust.
5. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43 appendix "D" annual inspection and was determined to be in airworthy condition.

Signed:  Bob Burke A&P3146370

BMG Aviation Inc. 812-825-7979  
984 South Kirby Road Bloomington, IN 47403

Date: 02/24/10

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1440.4 ETT: 1440.4**

1. Remove cowling, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke  AP31463701A

Total To  
Carry Forward

BMG Aviation Inc. 812-825-7979 Date: 05/16/10  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1523.4 ETT: 1523.4**

1. Remove cowling, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke  AP3146370IA

BMG Aviation Inc. 812-825-7979 Date: 08/13/10  
984 South Kirby Road Bloomington, IN 47403

**N330PA Model: PA-28-181 Serial#: 2843513**  
**Tach: 1630.4 ETT: 1630.4**

1. Remove cowling, drain oil, remove & inspect oil filter .  
Inspection OK
2. Installed 8 qts Aero shell 80 Plus, & new CH48110-1 Filter
3. Ops check and return A/C to service.

Signed Bob Burke  AP3146370IA

Certificate No.

BMG Aviation, Inc  
384 S. Kirby Rod  
Bloomington, IN 47403

812-825-7979

11/05/10

Date

N330PA

Tach: 1697.4

1. Change oil with 8 qts Aeroshell 100WPlus
2. Remove & inspect oil filter. Inspection OK.
3. Replace filter with new CH48110-1 filter.
4. Ground run up. No leaks noted.
5. Return A/C to service.

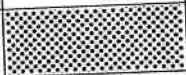
Bob Burke

*Bob Burke*

AP31463701A

AIRCRAFT SALES & BROKERAGE

Total To  
Carry Forward



BMG Aviation, Inc  
984 S. Kirby Rod  
Bloomington, IN 47403

812-825-7979

04/05/2011

and Rem **N330PA**

tificate No.

Tach: 1741.8 AFTT: 1741.8 ETT: 1741.8

Lycoming O-360

1. Remove cowlng drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Inspect engine mounts, firewall, & exhaust
6. Perform 500 hr mag inspection Installed new points, next due 2241.8
7. New push rod seals #4 cylinder
8. Wash down engine, test run no leaks noted.

certify that this engine has been inspected in accordance with FAR 43  
appendix "D" annual inspection and was determined to be in airworthy  
condition.

Bob Burke



AP31463701A

BMG Aviation, Inc  
984 S. Kirby Rod  
Bloomington, IN 47403

812-825-7979

08/22/2011

Date

N330PA

Tach: 1782 AFTT: 1782 ETT: 1782

Lycoming O-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke



AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Rod  
Bloomington, IN 47403

812-825-7979

10/14/2011

N330PA

Tach: 1829 AFTT: 1829 ETT: 1829

Lycoming O-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Total To  
Carry Forward

Bob Burke



AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Rod  
Bloomington, IN 47403

812-825-7979

12/22/2011

Certificate No.

N330PA

Tach: 1858.3 AFTT: 1858.3 ETT: 1858.3

Lycoming O-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke

*Bob Burke*

AP3146370IA

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AIRCRAFT SALES & BROKERAGE

BMG Aviation, Inc  
984 S. Kirby Road  
Bloomington, IN 47403  
N330PA

812-825-7979

03/23/2012

Tach: 1886.4 AFTT: 1886.4 ETT: 1886.4  
Lycoming O-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Compression test #1- 77, #2- 75, #3- 78, #4-74,
6. Install new spark plugs
7. Inspect engine mounts, firewall, & exhaust
8. 500 hr mag inspection, next due 2241.8
9. Install 4 new valve cover gaskets.
10. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43  
appendix "D" annual inspection and was determined to be in airworthy  
condition. Bob Burke  AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Road  
Bloomington, IN 47403  
N330PA

812-825-7979

05/21/2012

Tach: 1917.5 AFTT: 1917.5 ETT: 1917.5  
Lycoming O-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke  AP3146370IA



hy  
984 S. Kirby Road  
Bloomington, IN 47403

N330PA

Tach: 2076 AFTT: 2076 ETT: 2076

Lycoming 0-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new oil filter
5. Compression test #1-79, #2-79, #3-78, #4-78,
6. Inspect engine mounts, firewall, & exhaust
7. 500 hr mag inspection, next due 2241.8
8. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43 appendix "D" annual inspection and was determined to be in airworthy condition.

Bob Burke  AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Road  
Bloomington, IN 47403  
N330PA

812-825-7979

07/10/2013

Tach: 2111 AFTT: 2111 ETT: 2111  
Lycoming 0-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 80w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke  AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Road  
Bloomington, IN 47403  
N330PA

812-825-7979

9/22/2013

Tach: 2160.9 AFTT: 2160.9 ETT: 2160.9  
Lycoming 0-360

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 80w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke  AP3146370IA

BMG Aviation, Inc  
984 S. Kirby Road  
Bloomington, IN 47403  
N330PA

812-825-7979

07/25/2014

Tach: 2205 AFTT: 2205 ETT: 2205  
Lycoming 0-360-A4M SN: L-38668-36A

1. Remove cowling drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new oil filter
5. Install 4 new valve cover gaskets
6. Compression test #1-74, #2-67, #3-73, #4-75,
7. Inspect engine mounts, firewall, & exhaust
8. Perform 500 hr mag inspection, adjust timing & install new points next due 2705
9. Wash down engine, test run no leaks noted.

I certify that this engine has been inspected in accordance with FAR 43 appendix "D" annual inspection and was determined to be in airworthy condition.

Bob Burke  AP3146370IA

SORT

BMG Aviation, Inc.

812-825-7979

11/04/2014

984 S. Kirby Road

Bloomington, IN 47403

N330PA

Tach: 2268.8 AFTT: 2268.8

ETT: 2268.8

Lycoming O-360-A4M

1. Remove cowlings drain oil, remove & inspect filter.
2. Installed 7 qts of Aeroshell 100w plus oil.
3. Install 1 pint ASL Cam Guard
4. Install new filter
5. Wash down engine, test run no leaks noted.

Bob Burke

*13612*

AP3146370IA

BMG Aviation, Inc.

9/25/15

952 S. Kirby Road

Bloomington, IN 47403

N330PA

Tach: 2273.2

ETT: 2273.2

PSMOH: 1132.6

Remove Sensenich Prop 76EM8S14-0-62 SN: 34697K for Engine OH  
Remove Lycoming Engine O-360-A4M SN: L-38668-36A from N330PA  
For OH

Bob Burke

*13612*

AP3146370IA

BMG Aviation, Inc.  
952 S. Kirby Road  
Bloomington, IN 47403

5/19/18

N330PA Tach: 2273.2 ETT: 2273.2 ESMOH: 0

Reinstall Engine Mount after Aerospace Repair  
OH Engine IAW Lycoming MSB #240W, Rocker Arms Inspected New  
Bushings Installed, Gear Train Inspected, Connecting Rods Inspected with  
New Bushings, Crankshaft Inspected & Polished with Mains & Rod Journals  
Standard, Completed by Aircraft Specialties  
Cylinders OH to Standard NU Chrome Process by Harrison Engine Service  
Engine Case OH by Divco  
New Standard Pistons & Rings  
New Camshaft Kit  
New Main & Rod Bearings  
New Rod Bolts & Nuts  
New Gear Bolts & Lock Plates  
New Rockershafts  
New Impellor Kit

Re-install Lycoming Engine O-360-A4M SN:L-38668-36A on N330PA after  
OH

Install New Oil & Fuel Hoses.  
New Alternator & Air Conditioner Belts  
Install New MA-4-5 Carb  
Install New Tempest Fuel Pump  
Install New Rapco Vacuum Pump  
Install OH Oil Cooler  
Install OH Alternator  
Install Slick Mag Kit A4516-40  
8 qts Phillips Type M Oil & New Filter  
Service Air Conditioner  
Install 149-NL / EC SN FNE281692 SkyTec Starter  
All work completed IAW Piper & Lycoming MM  
Test Run Engine No Leaks Noted  
Return engine for service.

Bob Burke



AP3146370IA

BMG Aviation, Inc.  
952 S. Kirby Road  
Bloomington, IN 47403

07/15/18

N330PA Tach: 2273.2 ESMOH: 0

I certify that this Engine has been inspected IAW FAR 43 Appendix "D"  
Annual / 100 HR Inspection and was determined to be in airworthy  
condition. Return for service

Bob Burke  AP3146370IA

BMG Aviation, Inc.  
952 S. Kirby Road  
Bloomington, IN 47403

09/12/18


N330PA Tach: 2280.9 ESMOH: 7.7  
Lycoming O-360-A4M SN: L-38668-36A

1. Remove Cowling
2. Drain Oil
3. Remove & Inspect Filter
3. Install 10 qts Aeroshell 100W Plus Oil, 1 Pint Camguard &  
New CH48T10-1 Filter
4. Leak check & return for Service

Bob Burke  AP3146370IA

let

## ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/16/18	Brought Forward →	Tach 2307.6		1. Remove cowlings
		ESMOH 34.4		2. Drain oil
				3. Remove & inspect filter
				4. Install Squirts Aeroshell
				100w Plus Oil, 1 Pint
				camguard & New CH48110-1
				oil filter
				5. leak check & return
				for service
				
Total To Carry Forward			AdR 2791993	

N330PA  
W/O 8538

Jan 14, 2019

Tach: 2345.3

Changed engine oil and filter. Serviced with 7 quarts of AeroShell W100 Plus, 1 pint of Cam Guard, and Champion CH48110-1 filter. Run up, leak check good.

John D. Ellis A&P 3073898 IA



N330PA  
W/O 8565

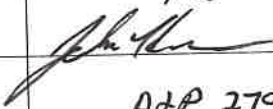
March 19, 2019

Tach: 2360.7

Engine oil pressure spikes high intermittently. Removed top cowl, installed test equipment to pressurize the oil pressure indicating system (a Barfield). Could not duplicate the issue until the nut on the firewall bulkhead fitting was touched. Removed line then bulkhead nut and washer. Found considerable fiberglass insulation between washer and firewall possibly insulating the washer from the firewall partially or at times. Removed insulation, cleaned firewall, then installed new flat washer and star lock washer. Also cleaned the wiring from the sending unit to the gauge. Operational check good. Removed test equipment, installed cowl.

John D. Ellis A&P 3073898 IA



Signature	Certificate No.
 A&P 2791993	
S-23-19 Tach: 2401.1 Changed eng. Oil and Filter Services with 7 Qts of AeroShell w 100 Plus & 1 Pint of Cam Guard. & Champ. CH 48110-1 Filter Eng Run Up and Leak Check, good.	



BMG Aviation, Inc.

952 S. Kirby Road Bloomington, IN 47403

06/04/19

N330PA

Piper PA-28-181 SN: 2843513

Lycoming Model: O-360-A4M SN: L-38668-36A

Tach: 2404.4 AFTT: 2404.4 ETT: 2404.4 ESMOH: 131.2

1. No Oil change at this time.

2. Remove, Clean Gapped Rotated, Replaced Cracked Plug & Reinstall Plugs

3. Compression Test #1-78, #2-78, #3-76, #4-74

4. Inspect Engine Mount & Treat Corrosion.

5. Inspect Firewall & Exhaust

6. Wash Down Engine, Test run No leaks noted

I Certify that this Engine has been inspected IAW FAR 43 Appendix "D" 100 Hour inspection and was determined to be in airworthy condition and returned for service

John Hagerman

AP2791993

LOG

Order  
ading

Maintenance

12/4/19 Tach: 2482.8  
Changed engine oil & filter  
serviced with 6qts (SAE-J-1899)  
Acroshell w/100 plus, and  
1 pint Cam Guard  
Tempest (AA48110-2) oil filter  
Engine run-up and  
leak check, good.

A+P 2791993

Registration	Work Order	Date	TAF	TACH	SMOH
N330PA	9169	07/02/20	2528.2	2528.2	255

Performed an Annual / 100 Hour Inspection in accordance with FAR 43 Appendix D. Changed engine oil, filter, and cleaned screen. Serviced with 6 quarts of AeroShell W100 Plus and an AA48110-2 filter. Cleaned, gapped, and rotated spark plugs. Airworthiness Directives checked to 2020-13, complete list provided with aircraft records.

Air filter replaced, installed Donaldson P617058 fiberglass filter.

Balanced propeller with the Aces Model 2020 ProBalancer following instruction guide 1000-OM-01. Initial run 0.10 ips at 240 degrees. Final run 0.01 ips at 294 degrees with 13.7 grams at 240 degrees and 9.3 grams at 270. Used existing holes in flywheel to install weight on MS24694S101 screws, washers, and locking nuts.

I certify that this engine has been inspected in accordance with an Annual / 100 Hour Inspection and was determined to be in an airworthy condition at time of inspection.

Elizabethtown Flying Service, Inc.  
Addington Field, EKX

John D. Ellis A&P 3073898 1A

7-28-20 TACH 2529.1

Removed & Replaced Carb Heat Valve Felt

Eng. run up opps check normal.

*John D. Ellis* A&P 2791993