

N 29535

ENGINE LOG  
EL-13P

#2

# AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
-----------------	---------------	----------------------	----------------------	----------------------------	----------------------------	--------------------------------------

Model: O-360-A4M  
 Serial: L-26620-36A  
 3388.7 Hobbs Time



Date: 6-21-93  
 Hours: 0 SMOH  
 3878.21 Tach Time SNEW

## AIRWORTHINESS DIRECTIVES

Note	Item Affected	Method of Compliance
80-06-05	Magneto	Replacement
81-16-05	Magneto	Replacement
81-18-04R2	Oil Pump	Replacement
91-14-22	Gear	Modification

GA2R846K



Model: O-360-A4M  
Serial: L-26620-36A  
3388.7 Hobbs Time

Date: 6-21-93  
Hours: 0 SMOH  
3878.21 Tach Time SNEW

### SERVICE BULLETINS

S.B.	Item Affected	Method of Compliance
238	Tappets	Inspection
240L	Mandatory Repl. Parts	Replacement
271A	Cylinder Painting	Painting
301B	Valve Inspection	Inspection
439	Connecting Rods	Inspection
449	Magnetos	Replacement
457A	Magnetos	Replacement
468B	Magnetos	Replacement
472	Case	Disassembly
475A	Crankshaft Gear	Modification
478A	Magnetos	Replacement
495	Carburetor	Replacement
498	Carburetor	Replacement

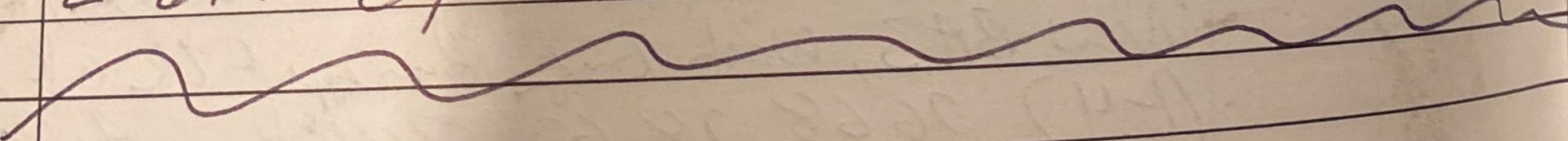
FAA CR# CH 2R 846K



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/14/93	3902.63	25 HR OIL/FILTER CHANGE AFTER OVERHAUL. ADDED 8 QTS AEROSHELL W100 48110 FILTER, ENGINE RUN LET AIR CHECK OF FILTER CUT OPEN. SLIGHT AMOUNT OF METAL. RETURNED TO SERVICE. <i>[Signature]</i> AP404555
8/13	3978.0	OIL & OIL FILTER CHANGED ADDED 8 QTS W100 48110 FILTER ENG. RUN. <i>[Signature]</i> AP404555
8-8-93	T: 3982.30	RTR Oil + Filter w/ New 48110 + 8 qts Aero 100w, Clean oil screen, Clean fuel screens, clean + gap plugs, repair primer line @ cyl #3 w/ New Swedge, RTR Air filter w/ New BA3, Wash Eng, Run up + CK OK, comp test (1-4) 76, 68, 78, 69 <i>[Signature]</i> AP458451365

I certify that this ~~is~~<sup>ENG</sup> has been inspected IAW an 100w inspection and has been determined to be in an Airworthy Condition *[Signature]* AP458451365

DATE	TOTAL TIME	
	4037	OIL + OIL FILTER CHANGED ADD 6 QTS W100 48110 FILTER, ENGINE RUN LEAK CHECK OK <i>[Signature]</i> AT 404565
1/13/94	4074.34	OIL AND OIL FILTER CHANGED ADD 6 QTS W100 48110 FILTER PLUGS CLEANED AND GAPPED. FRONT EXHAUST MANIFOLD REPAIRED BY ARO. #4 PRIMER LINE REPAIRED STARTER DRIVE BENDIX REPLACED BY DE LANG STARTER TO ALTERNATOR LINK REPAIRED BY ARO FUEL AND OIL SCREENS CHECKED. Comp check $1\frac{75}{30}$ 2 $3\frac{63}{30}$ 3-71 4-74 ENGINE OPERATION CHECK SATISFACTORY
		

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 Hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 196750H</p> <p>TOTAL TIME <u>4074.34</u> DATE <u>1/13/94</u></p> <p><u>[Signature]</u> <u>AP404555</u></p>
<u>1/14/94</u>	<u>4075</u>	<u>STARTER REPLACED BY DELANGE AVIATION -</u>
<u>3/9/94</u>	<u>4125</u>	<p><u>OIL &amp; OIL FILTER CHANGED ADDED 8 QTS AEROSHELL W100 48110 FILTER, OBEYED FOR INSPECTION. CHECKED OK</u></p> <p><u>[Signature]</u> <u>AP404555</u></p>

A.D. NU.	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	4/21/94	4163.89	<p>OIL + OIL FILTER CHANGED ADDED 8 QTS AS <del>100</del> 100 MINERAL OIL 48110 FILTER PLUGS CLEANED AND GAPPED. FUEL + OIL SCREENS CHECKED. Comp checked <math>\frac{172}{80}</math> 2:60 3-70 4:68</p> <p>ENGINE RUN OP CHECK OK.</p> <p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>A100HR</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. TSOH 285.</p> <p>TOTAL TIME <u>4163.89</u> DATE <u>4/21/94</u>  <u>[Signature]</u> <u>AA404555</u></p>
	5/17/94	4215	<p>OIL + OIL FILTER CHANGED ADDED 8 QTS AEROSHOCK 100 MINERAL OIL SECURED LOOSE HEAT MUF. ENGINE RUN OK <u>[Signature]</u> AA404555</p>



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6/23/94		OIL/OIL FILTER CHANGED ADDED 7 QTS Aero Shell Mineral 100 OIL PLUGS STARTED ENGINE RUN OP CHECK AND LEAK CHECKED.
		I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 387 TSOH
		TOTAL TIME <u>1265</u> DATE <u>6/23/94</u> <i>[Signature]</i> #404555
7-18-94	T: 4296.8	R/R cyl # 1 Bottom Plug w/ New REM 40E. Pump + ops ok <i>[Signature]</i> - AP458451365
8/11/94	4328.07	OIL/OIL FILTER CHANGED. REPLACED OIL WITH 8 QTS Aero Shell W 100. USE 110 FILTER. OP + LEAK CHECK OK. <i>[Signature]</i> #404555

68

DATE	TIME	REMARKS
9/13/94	4360	<p>OIL &amp; OIL FILTER CHANGED ADDED 8QT  AS. W100. 48110 FILTER. 5 PLUGS REPLACED WITH  REM 40E. BAFFLE REPAIRED FUEL OIL SCREENS  CHECKED. COMP CHECK 1-74 2-62 3-71 4-70  ENGINE RUN OPT &amp; LEAK CHECK OK.</p> <p>I CERTIFY THAT THIS ENGINE HAS  BEEN INSPECTED IN ACCORDANCE WITH  A <u>100 hr</u> INSPECTION AND WAS  DETERMINED TO BE IN AN AIRWORTHY  CONDITION. 482. TSOH</p> <p>TOTAL TIME <u>4360</u> DATE <u>9/13/94</u>  <u>[Signature]</u> ATP 404535</p>
10/10/94	11409.	<p>50 hr OIL &amp; FILTER CHANGED. ADDED 8QT  W100 48110 FILTER. ENGINE RUN OPT &amp; LEAK  CHECK OK. <u>[Signature]</u> ATP 404535</p>

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12/1/94	4464	OIL + OIL FILTER CHANGED ADDED 8 QTS A/S W100 48110 FILTER. PLUGS CLEANED AND GAPPED. CARB HEAT BOX FRONT BUSHING REPLACED. Comp check 1-71 2-64 3-70 4-70 OIL + FUEL SCREENS 80 CHECKED I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 Hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 586 TSOH TOTAL TIME <u>4464</u> DATE <u>12-1-94</u> <i>[Signature]</i> ATP 1104533
1/9/95	4584.2	OIL + OIL FILTER CHANGED. ADDED 8 QTS W100 48110 FILTER. TIGHTENED ACT BRACKET. ENG RUN LEAK CHECK OK <i>[Signature]</i> ATP 1104533
2-16-95	4557.97	R&R Oil Filter w/ New 48110 + 8 qts Aero 100W, Clean oil filter screens, Comp (14) 67, 68, clean gap plugs, R&R Alt Hsy w/ Repair, Run up + check <i>[Signature]</i> ATP 45845365

DATE TOTAL TIME

2-16-95 T: 4557.97

I certify that this AC has been inspected  
IAW an ~~100hr~~ inspection and has  
been determined to be in an Airworthy  
Condition

*[Signature]* ANP 458451365

3/27/95 4608.2

OIL + OIL FILTER CHANGED, ADDED 8 QTS  
W/100 W/8110 FILTER MSB LXC OF-518A  
ON VERMATHERM, C/O BY INSPECTION NEXT  
DUE 3/96. ENGINE RUN/LEAK CHECKED

*[Signature]* ANP 404555

5/2/95 4654.67

OIL + OIL FILTER CHANGED ADDED 8 QTS  
AEROSHELL W/100 W/8110 FILTER PLUGS CLEANED  
AND 6 APPLIED, REBUSHED CAB HEAT BOX. Comp checked  
1-74 2-70 3-60 4-74. REPAIRED #4 SPARK PLUG WIRE  
VERMATHERM MSB <sup>518e</sup> C/O BY INSP. ENGINE RUN  
OP CHECK OK

I CERTIFY THAT THIS ENGINE HAS  
BEEN INSPECTED IN ACCORDANCE WITH  
A 100hr ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY  
CONDITION. 776T504

TOTAL TIME 4654.67 DATE 5-2-95

W. J. [Signature] AIP 404535 IA

6/5/95 4681 TAE

REPLACED M2298 BEARING IN M24218

STARTER OP CHECK OK W. J. [Signature] AIP 404535

6/27/95 4710

50hr OIL & FILTER CHANGE. ADDED 8 QTS

W100 45110 FILTER #4 SPARK PLUG

REPLACED REMUOE BATTERY SERVICED

OP & LEAK CHECK OK W. J. [Signature] AIP 404535

DATE 8/16/95 TIME 4750

OIL + OIL FILTER CHANGED ADDED 8 QTS W100  
48110 FILTER, PLUGS CLEANED + GAPPED  
TIGHTENED ROCKER COVERS. OIL + FUEL SCREENS  
CHECKED Comp check 1-70 2-70 3-70 4-73  
ENG RUN OP + LTRR CHECK OK

I CERTIFY THAT THIS ENGINE HAS  
BEEN INSPECTED IN ACCORDANCE WITH  
A 100 hr INSPECTION AND WAS  
DETERMINED TO BE IN AN AIRWORTHY  
CONDITION.

TOTAL TIME 4750 DATE 8/16/95  
[Signature] [Signature]

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

TOTAL  
TIME

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
August	12, 1996	<p>Tach reads 4802.59; Removed All 4 Cyl at this Time; Inspected internal Condition; Replaced All 4 cyl Three channel Chrome and One Ni-chrome from ECI; cleaned Pistons and installed New rings; Torqued Cyls to Specs. cyl installed w/new seals and gaskets; drained oil &amp; reserviced w/ 8qts AEROSHELL 50 wt MINERAL; Replaced oil filter and Airfilter Element; Removed foward muffler - sent to ARCO Sheet metal for Repair - Reinstalled muffler w/all attaching components; Tighten loose fittings in oil cooler; Resecured multiple loose sections of Baffle Seal; Repositioned and resecured all wiring servicing fawd to starter and alternator; installed Primer Line clamps on all three primer lines; Tightened loose clamp on carb heat and re rigged cable travel; Tightened loose (cont.)</p>

TOTAL  
TIME

12:1996; Tach 4802.59; (Cont.) Alternator belt and Resealed  
bolt: Removed - cleaned. reinstalled battery Term. wire  
on alternator; Tightened loose alternator housing  
bolts; Retimed both magnetos to Engine; LEAK  
checked all fuel lines in eng. Compartment;  
Run up check good; No oil leaks noted; Comp.  
Numbers before cyl removal # 1 61/80 # 2 55/8 #  
41/80 # 4 60/80; T T ON Eng 4802.59, TSOH 9247

I certify that this engine has been inspected  
in accordance w/ 100 hr inspection and was deter-  
to be in air worthy condition; AD 95-07-01 N/A  
Not overhauled during specified time period AD  
N/A By Aircraft Registration Number \_\_\_\_\_

James L. Brantley 461531  
JAMES L. Brantley



DATE	TOTAL TIME	AGENCY & CERTIFICATE NO.
9-15-98		Changed Oil & FILTER. Aero Shell 100. Oil Sample
TACH	4845.9	TAKEN FOR ANALYSIS. Cleaned, Gapped & ROTATED
SMOH	967.7	Plugs. C/w 500 Hr inspection on R&L MAGS. Replaced
		RT CONTACT. Retimed MAGS to Engine. Inspected
		Ignition Harness. Replaced Forward muffler
		with New unit. welded muffler Heat Shrouds.
		Replaced Air filter Element. Replaced CRANK SHAFT
		Seal & ALTERNATOR BELT. Installed New STARTER
		Drive. Dressed Prop BLADES. Compressions
		#1 77/80 #2 77/80 #3 75/80 #4 76/80. Washed Engine
		Ground Run & LEAK Checked. Checked AD
		Compliance Thru BW 98-17
		I have inspected this <u>Engine</u>
		in accordance with a <u>Annual</u>
		inspection and found it to be in an
		airworthy condition.
		Tach. <u>4845.9</u> T.T. <u>4845.9</u> Date <u>9-15-98</u>
		<u>Edward Switlik</u>

Edward Switlik I.A. 2197076

TOTAL  
TIME

4857.43

CHANGED OIL - 8 QTS AS 15450 (No  
SCREEN CHECKS TIGHTENED NUTS  
INSTALLED 4 SET "RACE" RECEIVER COVER GWT

0000.0

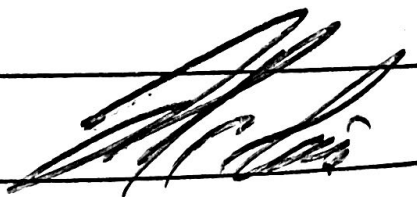
INSTALLED 900VOLTAGE THERM  
REMOVED 0000.0 + NEW THERM DRIVE  
REMOVED NUTS FROM FUEL LINE TIGHTENED  
INSTALLED NEW CARB INTAKE NUTS  
INSTALLED 2-HOUR MOTOR 441 SUMP  
RUN-UP + LONG CR OK



W.O. 2735

BURTON HAROLD HOLT  
CRS CUR073K

INSTALLED NUTS - NOT SECURE



00048

W.O. 2763

CRS CUR073K

# INSPECTION & MAINTENANCE RECORD

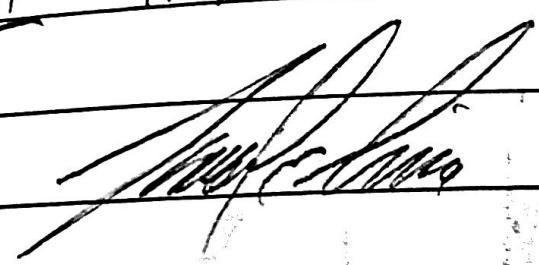
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/23/99	TACT 36.6	CHANGED OIL (AS 100 AD) & FILTER (CH 48111), CITE/AD PLUGS & SCREEN (OIL) RUN-UP & LEAK CR OK.  W.O. 2786 <i>[Signature]</i> BIA CRS CUIR07
	ROUTINE INSP & SERVICES FOR BHP CR LIST. HUB PLUGS	<div style="text-align: right;">TACT 47.6</div> <div style="text-align: center;">10/12/99</div> <div style="text-align: right;">Total Aircraft Time: 4905</div> <div style="text-align: center;">5146115</div> <div style="text-align: right;">I certify that this aircraft has been inspected in accordance with the requirements and can be determined to be in airworthy condition.</div> <div style="text-align: right;">BIA CRS CUIR07</div> <div style="text-align: right;">W.O. 2797</div>
	505 FILE FOR AD STARTS B/W CITE TO 99-20	
<del>5/04/00</del> 5/04/00	TACT 070.1	CHANGED OIL (AS 100 AD) & FILTER (CIT 48111) RUN-UP & LEAKS CR OK.  BUFFALO AIRFIELD MGMT. COF FAA CRS CUIR07SK W.O. # 284 <i>[Signature]</i>

FILTER & SCREEN OK

TIME

00 TACH+086.65

DRAINED OIL, SERVICED u 7QT  
AS 100 MINOR OIL  
HOT CHANGED, SCREEN NOT CHECKED  
FILTGA



BUFFALO AIRFIELD MGMT. CORP.  
FAA CRS CUIR073K W.O. # 2863

Comp (over 80) 1-78 2-78 3-79 4-78

0 TACH 100.0

~~4957.4~~ SERVICED OIL  
4957.4 AS 15w 50

SERVICE INSPECTION  
PER BAF CHECK LIST  
SEE FILE FOR  
A.D. STATUS  
B/W CHECKED TO 28-22  
WORK ORDER # 2868

I CERTIFY THAT THIS ENGINE  
HAS BEEN INSPECTED IN ACCORDANCE  
A FAA INSPECTION  
WAS DETERMINED TO BE IN AN AIRW.  
CONDITION  
TACH 100.0 TOTAL AIRCRAFT TLE 4957.4  
BY \_\_\_\_\_ DATE 11/29/00  
BUFFALO AIRFIELD MANAGEMENT CORP.  
FAA CRS CUIR073K

157.0 CHANGES OIL (AD 80)

CR FILTR \* SCREW  
R4H-AL \* LR-OR  
OTT

BUFFALO AIRFIELD MGMT. CORP.  
FAA CRS CUIR073K W.O. # 2942



DATE

TIME

AGENCY & CERTIFICATE NO.

2001

No occ C/MTA Co

12/04

172-4/5029-8

1-77 2-78

3-78 4-78

SERVICE INSPECTION

SEE FILE FOR

A.D. STATUS

BW CHECKED TO 01-23

WORK ORDER # 2155

I CERTIFY THAT THIS E/H61140  
HAS BEEN INSPECTED IN ACCORDANCE WITH

A FAA INSPECTION  
WAS DETERMINED TO BE IN AN Airworthy  
CONDITION

TACH READING 172-4 TOTAL AIRCRAFT TIME 5029-8  
DATE 12/04/01

BY [Signature]  
BUFFALO AIRFIELD MANAGEMENT CORP.  
FAA CRS CUIR073K

7/30/02

237.79

C/MTA Co o/c (AD100)

& Fitter (cert 48111)

SCRUPT FIELD CK OK

Down-up OK

BUFFALO AIRFIELD MGMT. CORP.

FAA CRS CUIR073K W.O. # 2008

N29535

Tach: 1085.3

Date: 2/28/02

Change oil and Fitter. Service  
with 2 qts Aeroshell 100W.

[Signature]

A/P 222541334

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME				
1/14	263.66	1-76	2-78	3-74	4-78
2003	121106	15w 50 ORC			
		How CHUG III FROM	SERVICE INSPECTION	CERTIFY THAT THIS	ETH6116
		REPORTED CRAB	PERFORM CHECK LIST	HAS BEEN INSPECTED IN ACCORDANCE WITH	
		How "Furlox UACU"	SEE FILE FOR	A <u>7/14/03</u> INSPECTION AND	
		REPORTED BOX BESINHO	AIR STATUS	WAS DETERMINED TO BE IN AIRWORTHY	
		REPORTED ADMINISTRATION BOLIBTUCOILV	BY CHECKED TO 0225	CONDITION	
			WORK ORDER # 3020	TACH READING	TOTAL AIRCRAFT HRS
				FAO AIRFIELD MANAGEMENT CORP	

*[Handwritten Signature]*

Piper I  
Chang  
test for


Brian C  
A&P 11

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

91

Piper PA28-181 79-90448 N29535 Taxxh: 3008.5 4/21/03  
Changed oil and filter, using 8 quarts Aeroshell 100W50 and CH48111. Ran engine test for leaks; none found. Replaced L/H main tire with new Condor 600x6-6.

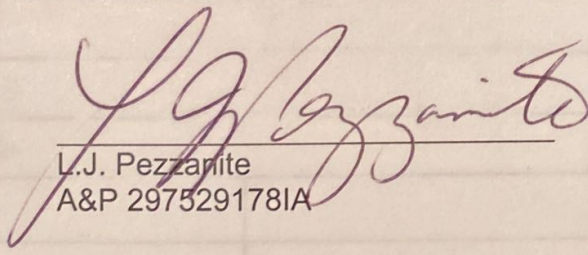


Brian Grothe  
A&P 1800620





# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED
	<p><b>N29535</b> <b>12/28/03</b> A/C Tach 1269.1 hrs. <i>Hebb's</i></p>	<p style="text-align: right;"><b>ENGINE LOG</b></p> <ul style="list-style-type: none"><li>• Changed Oil &amp; Filter. Checked Filter for Contamination.</li><li>• Checked Cylinder Compressions. (1) 78/80, (2) 75/80, (3) 76/80, (4) 72/80.</li><li>• Removed Both Magnetos, Disassembled Both and Inspected per Slick/Unison. Impulse Checks Satisfactory. Replaced Gear M3827 Right Magneto. Checked Internal Timing, Reinstalled and Timed to Engine.</li><li>• Replaced Both Ignition Harnesses with New.</li><li>• Installed New Brackett Induction Filter Element</li><li>• Cleaned, Gapped and Tested Spark Plugs. Reinstalled 6 of the 8 Plugs and Installed 2 New Champion Spark Plugs.</li><li>• Removed Vacuum Pump, Replaced Oil Seal at Engine Drive Gear and Installed Overhauled Vacuum Pump. Leak Check Satisfactory.</li><li>• AD's Checked through 2003-26F. I Certify That This Engine Has Been Inspected in Accordance With an Annual Inspection and Was Determined to be in Airworthy Condition.</li></ul> <p> _____ L.J. Pezzarite A&amp;P 2975291781A</p>

PA28-181 N29535 S/N 28-7990448 TT: 1313.0 4/9/04

Changed oil and filter, using Aeroshell 100w50 oil. Ran engine; no leaks found.



Brian Grothe  
A&P 1800620

07-23-2004 N29535  
Replaced alternator  
with overhauled unit.  
PN-4111810 SN-A407077  
Run up satisfactory.  
J. J. Maggiora A&P  
297529178



TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

**N29535**  
**12/24/04**

**ENGINE LOG**

A/C Tach 443.22 hrs.  
A/C Hobbs 1377.8 hrs.

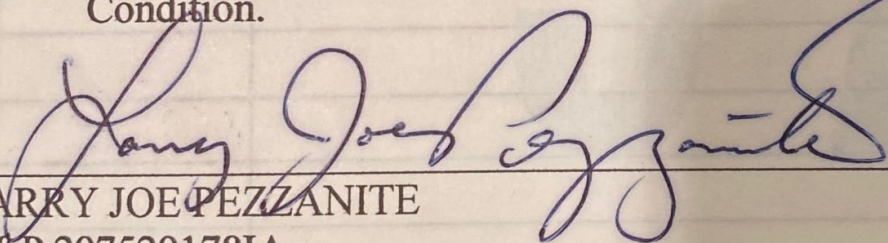
- Changed Oil & Filter. Cut Filter and Inspected for Contamination. Installed New Champion Oil Filter and 6 qts. Aeroshell Oil 100W.
- Checked Cylinder Compressions. (1) 70/80, (2) 76/80, (3) 74/80, (4) 69/80.
- Tightened Oil Dipstick Tube and Resafetied.
- Cleaned, Gapped, Tested and Reinstalled Spark Plugs.
- AD's Checked through 2004-26F. I Certify That This Engine Has Been Inspected in Accordance With an Annual Inspection and Was Determined to be in Airworthy Condition.



L.J. Pezzanite

A&P 2975291781A

## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<b>N29535</b>	<b>12-01-2005</b>	<b>TACH 519.63</b>
<ul style="list-style-type: none"><li>• Compressions (1) 62/80 (2) 70/80 (3) 72/80 (4) 66/80</li><li>• Cut and inspected oil filter for contaminants.</li><li>• Pressure tested muffler and exhaust stacks.</li><li>• AD 2005-19-11 DNA- Engine not overhauled after March 1, 1999.</li><li>• Run up and leak check satisfactory.</li><li>• AD's checked thru 2005-23F. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.</li></ul>		
 LARRY JOE PEZZANITE A&P 297529178IA		

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

N29535

12-01-2005

TACH 519.63

5377.06 HRS TOTAL  
AIRFRAME & ENGINE

- Replaced broken clamps on muffler shroud.
- Replaced seals on push rod tubes for #2 and #4 cylinders.
- Changed oil and filter. Installed 7 qts. Aeroshell 100W oil.
- Cleaned, gapped, tested spark plugs.



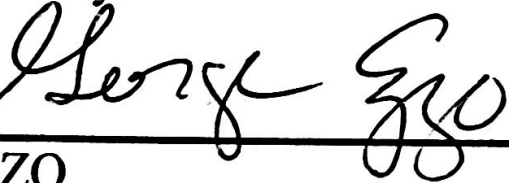
GEORGE EZZO

A&P 1868417

N29535

09-26-2006

- Checked customer complaint that one magneto did not have a drop during run up check. Found broken connector at end of left P-lead. Replaced connector. Run up satisfactory.



GEORGE EZZO

A&P 1868417

# INSPECTION &

# ORD

TOTAL  
TIME

FORMED

N29535

02/15/2007

Engine Total TIS 5436.52 hrs.

## ENGINE LOG

Aircraft Tach Time 0579.09 hrs.

Engine SMOH -0-

- Engine (S/N L-26620-36A) Overhauled in Accordance with the Current Lycoming Direct Drive Overhaul Manual.
- Engine was Disassembled, Cleaned, Inspected. All Internal Steel Parts were Magnaflux Inspected by Aircraft Specialties Services. Engine Reassembled Using the Following Parts:
  - Mandatory Replacement Parts were Replaced in Accordance with Lycoming SB-240S.
  - Crankcase was Overhauled by DivCo, Inc. Assembled using New ECI Thru Bolts.
  - Crankshaft Gear was Replaced with Reconditioned and Inspected Gear from Aircraft Specialties Services (S/N S157610-14). Gear Reinstalled with New Lycoming Retaining Bolt PN-STD2246 and New Lockplate, in Accordance with Steps 6 & 7 of Lycoming MSB475C. Bolt was Torqued to 204 in.lbs. and the Lockplate was Properly Bent Against the Bolt Head. Inspection and Repair in Accordance with Lycoming MSB475C excluding Paragraphs 6 & 7 was Accomplished by Aircraft Specialties Services (See Tags Attached).
  - Crankshaft (S/N S157764-1, 77037) was Magnaflux Inspected, Reground, Repaired and Renitrided by Aircraft Specialties Services. Installed with New Bearings PN-18A19441-M03 and PN-SL11020M03.
  - Camshaft was Replaced with Reconditioned Camshaft (S/N S157928-1) from Aircraft Specialties Services. Tach Shaft (PN 76121) was Inspected and Repaired by Aircraft Specialties Services.
  - Connecting Rods were Magnafluxed, Rebrushed and Inspected by Aircraft Specialties Services. Installed with New Superior Connecting Rod Bearings (PN-SL13521A M03) and New Superior Connecting Rod Bolts (PN-SL75061) and Nuts (PN-SL12186).

# INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

TOTAL  
TIME

N29535

02/15/2007


Engine Total TIS 5436.52 hrs.

## ENGINE LOG

Aircraft Tach Time 0579.09 hrs.

Engine SMOH -0-

- Hydraulic Units (PN-78290) were Cleaned, Inspected and Overhauled by Aircraft Specialties Services. Lifters (PN-72877) were Inspected and Reground by Aircraft Specialties Services.
- Push Rods were Magnaflux Inspected by Aircraft Specialties Services. Five Existing (PN-73435) and Three New (PN-15F19957-34) Push Rods were Installed to Obtain Proper Valve Clearance (#1I-.037, 1E-.029, 2I-.038, 2E-.037, 3I-.046, 3E-.033, 4I-.038, 4E-.038).
- Rocker Arms were Magnafluxed, Rebushed and Inspected by Aircraft Specialties Services.
- Installed New Lycoming PN-05K21104 Cylinder Assemblies (S/N's #1 - A317062, #2 - A290063, #3 - A314064, #4 - A314065). Installed New Piston Pins with 2 Aluminum Bronze Piston Pin Plugs (PN 72198) Each Cylinder.
- Installed New Slick Magnetos - Model 4370, SN 06070275 and Model 4371, SN 06061952. Installed with New Slick Harnesses and New Champion REM38E Spark Plugs.
- Installed New Tempest Fuel Pump S/N F002581.
- Carburetor (MA4-5, PN 10-5193, SN 75020608) was Overhauled by Mike's A/C Fuel Metering.
- Engine to be Test Run Following Installation on Aircraft.

  
Hazel M. Klopf  
A&P 2739929

(Page #2 of 2)



## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
------	------------	---

**N29535**

**02-20-2007**

**AIRCRAFT TIME 0579.09 TACH  
0.0 SMOH  
5436.52 ETIS**

- Installed engine since overhaul.
- New Lord motor mounts.
- New Stratoflex fuel/oil hoses. (Teflon with fire shield).
- Installed overhauled carburetor SN-75020608 and starter assembly SN-4070233.
- Alternator has 172.09 hours since overhaul. SN-A407077
- Airborne Vac Pump has 271.2 hours SOH. SN-4313
- Adjusted carburetor mixture and idle setting.
- Installed 9 qts. Aero Shell 100M oil.
- Run up and leak check satisfactory.
- New flexible mil 6000 hose in engine compartment for vacuum line and crankcase breather.
- Changed oil filter after engine test runs. Provided over hauler with filter for inspection.

*George Ezzo*  
 \_\_\_\_\_  
 GEORGE EZZO  
 A&P 1868417

TE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
----	------------	--

**N29535**

**02-20-2007**

**AIRCRAFT TIME 0580.69 TACH  
1.6 SINCE SMOH  
5438.12 TIS A&E**

- Compressions- Deferred until engine is broke in.
- Replaced Induction Air Filter.
- Cut filter and inspected for contaminants after overhauled engine test runs.

AD's checked through 2007-02F. I certify that this engine has been inspected in accordance with an annual inspection and was deemed to be in airworthy condition.

  
 \_\_\_\_\_  
 LARRY JOE PEZZANITE

A&P 297529178 IA

# INSPECTION & MAINTENANCE RECORD

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

N29535  
02/20/2007

## ENGINE LOG

Aircraft Tach Time 0579.09 hrs.  
Engine SMOH -0-

- Engine Test Run-in on Aircraft in Accordance with Lycoming Direct Drive Overhaul Manual, Section 9, and Lycoming Service Instruction 1427B. Engine Run-in Test Limits were Measured in Accordance with Table 9-1 using Calibrated Instruments and Gauges Independent of the Aircraft's Gauges (See Run-in Test Measurement Sheet Attached).



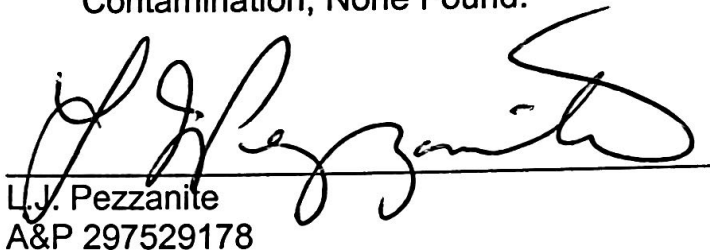
Hazel M. Klopf  
A&P 2739929

N6538F  
02/21/2007

## ENGINE LOG

Aircraft Tach Time 0580.69 hrs.  
Engine SMOH 1.6 hrs.

- Aircraft Test Flown in Accordance with Lycoming Service Instruction 1427B. All Engine Gauges Indicated Normal Readings. Following Flight Test, Oil System was Inspected for Contamination, None Found.



L.J. Pezzanite  
A&P 297529178

N29535

12-15-2007

TACH 644.16 HOURS

- Compressions (1) 74/80, (2) 78/80, (3) 73/80; (4) 78/80
- Changed oil and filter. Cut filter and inspected for contaminants. Installed 8 quarts Phillips 20W50XC oil
- Cleaned, gapped and tested spark plugs.
- Pressure tested muffler and exhaust stacks.
- AD's checked. I certify that this engine has been inspected in accordance with an annual inspection and was deemed to be in airworthy condition.


  
LARRY JOE PEZZANITE  
A&P 297529178IA

N29535

03-16-2008

Removed old oil pan heater.  
Cleaned old pan.

Installed new EZ Heat Model 700 oil pan heater.

  
LARRY JOE PEZZANITE  
A&P 297529178

# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED	
	N29535	12-07-2208	TACH 0672.97 HOURS

- Compressions: (1)- 75/80, (2)- 76/80, (3)- 78/80, (4)- 78/80.
- Changed oil and filter. Cut filter and inspected for contaminants. Installed 8 qts. Aero Shell 15W50 oil.
- Cleaned, gapped and tested spark plugs.
- AD's checked. I certify that this engine has been inspected in accordance with an annual inspection and was deemed to be in airworthy condition.



LARRY JOE PEZZANITE

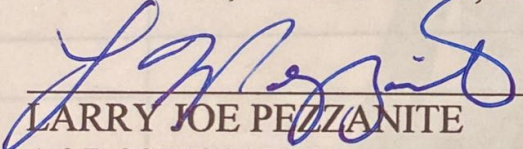
A&P 297529178 IA

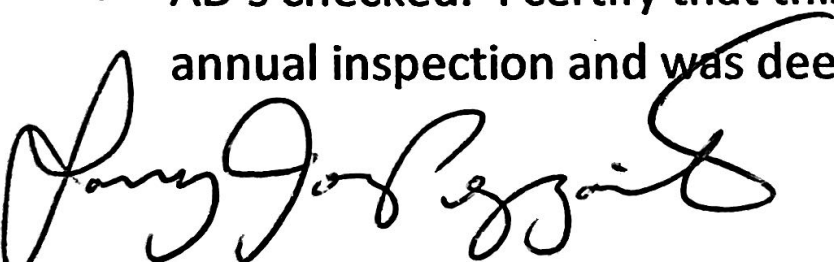
AD 2008-19-05 DNA

Eci Cyl. No.  
INSTALLED



# INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N29535	789.0 hours tach	09-25-2010
Removed Prestolite starter of 16 lbs and installed Skytec starter of 9.4 lbs. New Weight and Balance; Empty Wt: 1521.88 Arm: 87.54 Mom:133321.92 Useful Load; Utility Cat. 428.12# Useful Load; Normal Cat. 1,028.12#		
 LARRY JOE PEZZANITE A&P 297529178 IA		

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
N29535	12/04/2010	Tach 793.01 hours	Hobbs 1784.3 hours
<ul style="list-style-type: none"> <li>• Compressions: 1-76/80 2-74/80 3-78/80 4-74/80</li> <li>• Changed oil and filter. Cut filter and inspected for contaminants. None found. Installed 7 quarts Aeroshell 100W oil.</li> <li>• Cleaned, gapped and tested spark plugs.</li> <li>• AD's checked. I certify that this aircraft has been inspected in accordance with an annual inspection and was deemed to be in airworthy condition.</li> </ul>			
			
Larry Joe Pezzanite	A&P297529178IA		



# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



Aircraft

**TURBINWORKS, INC.**

Airframe/engine/prop/turbine/inspection/repair  
/hotsection/Authorized Raisbeck Dealer

## Engine Log

Piper Aircraft Archer II PA28-181 S/N: 28-7990448 N29535

Hobbs: 1832.7 Tach: 827.1 January 2, 2012

Complied with Annual Inspection, IAW FAR 43 appendix (d)

Complied with 100 Hour Inspections of Engine

Complied with Engine Compression Checks, #1= 76/80, #2=75/80,  
#3=75/80, #4=76/80

Complied with Engine Oil & Filter change using Aerohell 15W50

Complied with AD 76-07-12, Bendix Ignition operates normally

Replaced, repaired, & resecured Engine Baffling as needed

Checked and reapplied torque as required to all rocker cover screws

Reapplied tension to alternator belt tension as needed

hereby certify that this engine has been inspected IAW FAR 41

Appendix (d) and is found to be in an airworthy condition.

  
Brian Grothe

AP1800620IA

N29535  
Engine Log

03/01/2014

Aircraft Total Time: 5,792.56  
Aircraft Tach Time: 935.13  
TSMOH: 356.04

- Compressions (1)-74/80 (2)-76 /80 (3)-78/80 (4)-76/80
- Changed oil and filter (CH48110-1). Cut filter and inspected for contaminants, cleaned pick up screen, inspected for contaminants-none found. Installed 8qts. Aero Shell 15W50 oil.
- Cleaned, gapped, tested spark plugs. Replaced 2 spark plugs REM38E.
- Installed replacement air filter element (BA-3)
- Run and leak check satisfactory.
- C/W AD76-07-12R1 Ignition switch by test next due tach time 1035.13
- AD's checked. I certify that this engine has been inspected in accordance with an annual inspection and was deemed to be in airworthy condition.

  
\_\_\_\_\_  
John Chapman  
A&P 1760949IA

DATE	TOTAL TIME	RECORD INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
APR 8, 2015		<p>Tach 972. T.T. 5829.43 393 S.M.O.H.</p> <p>COMPRESSION: ① 72 ② 74 ③ 74 ④ 74</p> <p>CHANGED OIL &amp; FILTER, SERVICED WITH 15W50 Aero</p> <p>INSTALLED NEW AIR FILTER BA3. CLEANED &amp; GAPPED</p> <p>SPARK PLUGS. REPLACED #4 ROCKER COVER GASKET</p> <p>REPLACED VAC. PUMP DRIVE SEAL P/N 06A 19956,</p> <p>6-1183 &amp; 8313 GASKETS. RETIMED LT. MAG TO 2</p> <p>WASHED DOWN ENGINE, RAN UP, NO LEAKS NOTED.</p>
<p>I CERTIFY I HAVE INSPECTED  THIS <u>ENGINE</u> IN ACCORDANCE WITH  A <u>100 HR.</u> INSPECTION AND WAS  DETERMINED TO BE IN AIRWORTHY CONDITION</p>		
<p><u>James D. Jones</u> A/P 3061232  <small>signature</small></p>		
1-20-16	Tach 1007.5	<p>Changed oil &amp; Filter, Inspected old</p> <p>Filter for Particles Found Normal, Serviced with 80ts</p> <p>Aeroshell 15W50 Run-up &amp; leak ck good Carver Aero</p> <p>WO# 207367 <u>Mark J. Orfit</u> C/N# URX1184</p>

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

Tach 1013.3 Total 5870.7

SMOH 434.2

Oil on Annual insp. IAW an annual insp. check  
D. Inspected oil filter for contamination - found  
normal. Checked compression #1 76/80, #2 76/80, #3 75/80,  
#4 77/80. Cleaned and gapped all spark plugs.  
Retained both mag to 25°

Tach 1013.3 hrs. Total time 5870.7

BTDC. Tightened carb nuts  
and intake bolts. Replaced  
alternator belt and reinstalled

I certify this engine has been inspected  
in accordance with an annual inspection  
and was determined to be in airworthy condition. Data  
is on file. Work order No 207435 Date 5/24

prop. Torqued oil safeties  
bolts. Replaced oil dipstick housing

Signed Danur Ward Shop Inspector

See AD list in white binder for  
research and compliance.

CARVER AERO, INC.  
Municipal Airport  
Davenport, IA 52804  
FAA Approved Repair Station No VRXR118A

DATE  
TOTAL TIME

Tach 1013.3 hrs

Total time UNIC hrs

Dressed and painted face of this propeller.

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Details are on file. Work order No. 207435 Date 5/2/16

Signed Dave Clark Shop Inspector

CARVER AERO, INC.  
Municipal Airport  
Davenport, IA 52804

FAA Approved Repair Station No VRXR118!

6-12-17 TACH: 1041.0 TOTAL: 5898.4 SMOH: 461.9

C/W AN ANNUAL WSP IAW AN ANNUAL INSPECTION CHECKLIST

CHANGED OIL & FILTER + INSPECTED OLD FILTER + FOUND NORMAL.

SERVICED W/ G&S PHILIPS XC 20W50. RUN UP + LEAK CHECK OKAY.

CHECKED COMPRESSIONS #1 75/80 #2 76/80 #3 77/80 #4 75/80. CLEANED &

GAPPED ALL SPARK PLUGS. C/W AD76-07-12 IGNITION SWITCH

BY TEST NEXT DUE TACH: 1141.0. REPLACED POWER COVER GASKETS

ON ALL 4 CYLINDERS. REPLACED FORWARD MUFFLER W/ NE P/N A106894

+ EXHAUST GASKETS ON CYL #1 & #2. PATCHED NUMEROUS ->

COUT.

CRACKS IN BAFFLING W/ SHEET METAL & RIVETS.  
SEALED GAPS W/ SILICONE  
& PATCH PLATE - SEE ADJUST  
IN WHITE BLINDER FOR  
RESEARCH & COMPLIANCE.

Each 1041.0 hrs. Total time 5898.4 hrs.  
I certify this ENGINE has been inspected  
in accordance with an ANNUAL inspection  
was determined to be in airworthy condition. Details  
are on file. Work order No. 207738 Date 6-12-17  
Signed [Signature] Shop Inspector

CARVER AERO, INC.  
Municipal Airport  
Davenport, IA 52804

FAA Approved Repair Station No VRXR118L

6-12-17

Each 1041.0 hrs. Total time UNK hrs.  
I certify this PROPELLER has been inspected  
in accordance with an ANNUAL inspection and  
was determined to be in airworthy condition. Details  
are on file. Work order No. 207738 Date 6-12-17

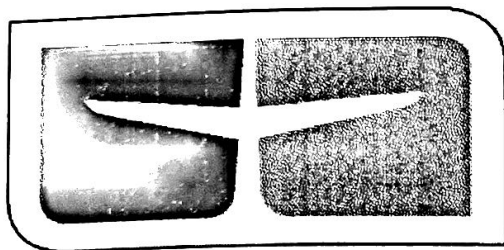
DRESSED BLADES ON  
PROPELLER.

Signed [Signature] Shop Inspector

CARVER AERO, INC.  
Municipal Airport  
Davenport, IA 52804

FAA Approved Repair Station No VRXR118L

# INSPECTION & MAINTENANCE RECORD



CARVER AERO, Inc.

Municipal Airport

Davenport, IA 52806

FAA Approved Repair Station No. VRXR118L

Date: 7/13/2018

Engine Lycoming O-360-A4M

S/N:

L-26620-36A

Tach: 1052.3

Total Time: 5909.7

TSMOH:

473.2

Completed an Annual Inspection on this Engine IAW an Annual Inspection Checklist.

- 1 Compressions 1 - 75/80, 2 - 76/80, 3 - 75/80, 4 - 75/80.
- 2 Repalced all spark plugs w/ new.
- 3 Changed oil & filter. Inspected old filter & found normal. Serviced w/ 8qts. Phillips X/C 20w-50.
- 4 Run-up and leak check good
- 5 Dressed leading edge of propeller and painted blade faces.
- 6 Researched and C/W AD's thru 7/13/2018. See White Binder for AD compliance records.

Carver Aero, Inc Work Order #:

207990

I certify that this engine and propeller was inspected IAW an Annual Inspection and was determined to be in airworthy condition.

Name: Reis Rotert

Signed:

FAA Approved Repair Station No. VRXR118L



