

RECORD

URE

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.MAKE Lycoming MODEL O-320-E2A S/N L-14752-27ATotal Time 3742.21 Hours Time Since Major Overhaul -0- Hours

This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual 60294-7. New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this log book.

New fuel pump installed. Installed Left Magneto S/N 871356 with 1175.11 hours. Installed Right Magneto S/N 873552 with 1175.11 hours.

END

All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:

Work Order# 2379 Date 11-22-95

Belvidere Airmotive, Inc.

Belvidere Airport, Poplar Grove, IL

FAA Approved Repair Station #YYBR664L

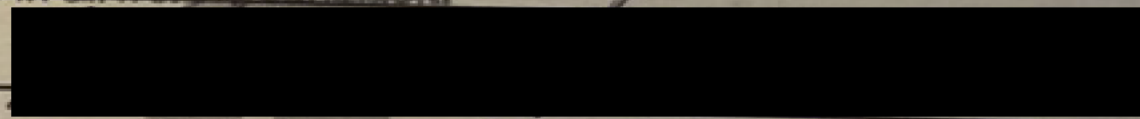
Signed for Belvidere Airmotive, Inc.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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ENGINE - Drained oil, cleaned screens, checked & cleaned sparkplugs, checked compression #1, #2, #3, #4, #5, #6. Checked Fuel System, Drained Sumps, Checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked Engine.

Date 3-30-96 Total Aircraft Time 1654.0
 I Certify this Engine has been inspected in
 accordance with a Annual 100hr inspection and
 was determined to be in airworthy condition.



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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ENGINE - Drained oil, cleaned screens, checked & cleaned sparkplugs, checked compression #1>#2>#3>#4>#5>#6. Checked Fuel System, Drained Sumps, Checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked Engine.

Date 1-1-97 Total Aircraft Time 1754.0

I Certify this 125012 has been inspected in accordance with a Annual/1011A inspection and was determined to be in airworthy condition.

[REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-5-97	1784.5	CHANGED OIL + FILTER ADDED 8-QTS 15/50 OIL AND CH48111 OIL FILTER

2 Dec 97		ENGINE - Drained oil, cleaned screens, checked & cleaned sparkplugs, checked compression #174#276#375#478#5 #6. Checked Fuel System, Drained Sumps, Checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked Engine.
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Date 2 Dec 97 Total Aircraft Time _____
 I Certify this Engine has been inspected in
 accordance with a ANNUAL inspection and
 has been determined to be in satisfactory condition.

[Redacted Signature] A+1 [Redacted Signature]

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

8/15/98

TACH#1873.4 CHANGE OIL+FILTER REPAIR EXH STACK
+ SUPPORT BRACKET ADD 8QT 15/50 AEROSHELL
WASH ENGINE RUNUP+COOL

APP#

1441.53 Tach

installed Rebuilt #4 cyl new piston & Rings
installed new eng. Belts & Rubber
" NEW FLEX AIR LINES

Replaced 4 EX COAST

Replaced ALT. BELT

check VAC pump fu. ad, did not apply

change oil + FILTER add 8QT 15/50 AEROSHELL

install Quick Drain

Allowance done in accordance with PIPER SERVICE MANUAL

PN 753-586 AND ~~LYC~~ T. SERVICE MANUAL 60297-14 and

AC 43.13 1B-1/2A

APP#

ENG COMP 1 75-80

3 76-80

2 77-80

4 76-80

INSPECTION & MAINTENANCE RECORD

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

Date 8/2/99 Tach 1881.53

I certify this ENGINE

has been inspected in accordance with a
100 hr inspection and was
 determined to be in airworthy condition.

[Redacted Signature] AP [Redacted]

ENGINE - Drained oil, cleaned screens, checked & cleaned
 sparkplugs, checked compression #1 #2 #3 #4 #5 #6.
 Checked Fuel System, Drained Sumps. Checked starter and
 generator brushes, checked mags and timed properly, checked
 prop for leaks and grease. Functionally checked Engine.

Until 2 Aug 99 Total Aircraft Time TACH 1881.53
 I certify this ENGINE

in accordance with a ANNUAL inspection has been inspected in
 accordance with a 100 hr inspection and was determined to be in airworthy condition.

Total SMOH
227.53
A/AB

[Redacted Signature] [Redacted Signature] [Redacted Signature]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-2-00	1891.0	C/W ANNUAL INSPECTION DRAINED OIL, R & R Filter compressions: ① $7\frac{5}{8}$ ② $7\frac{1}{8}$ ③ $7\frac{1}{8}$ ④ $7\frac{2}{8}$ cleaned gapped & tested spark plugs serviced engine w/ 8 qts 15W50 oil Ran engine; leak & functional check satisfactory. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W an ANNUAL INSPECTION & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. [REDACTED] [REDACTED]
7-24-01	1891.1	C/W ANNUAL INSPECTION DRAINED OIL, R & R Filter [REDACTED] comp: ① $7\frac{1}{8}$ ② $7\frac{0}{8}$ ③ $6\frac{8}{8}$ ④ $7\frac{1}{8}$ cleaned, gapped & tested spark plugs serviced engine w/ 8 qts 15W50 oil. Ran engine Leak & functional check satisfactory. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W an over →

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	
		ANNUAL inspection & was determined to be in an AIRWORTHY condition. [REDACTED] [REDACTED]
8-1-04	Tach 1895.2	C/W ANNUAL inspection DRAINED OIL, R&R Filter compressions: ① 7 ⁹ / ₈₀ ② 6 ⁹ / ₈₀ ③ 7 ¹ / ₈₀ ④ 7 ⁹ / ₈₀ cleaned gapped & tested spark plugs serviced engine w/ 8 qts 15W50 oil Ran engine; Leak & Functional check satisfactory I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/C AN ANNUAL inspection & was determined to be in an AIRWORTHY condition. [REDACTED] [REDACTED]

DATE

7/1/15

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7/18/06	1895.2	Acting as the agent of Aircraft Owner, I have inspected this Engine and found it to be In an Airworthy Condition for ferry flight from 4N1 to MGJ Direct Only. All AD Notes complied with and Full Run-up and Teak check satisfactory. Reason for ferry permit is out of annual. [REDACTED]

Wagner Maintenance & Service, LLC.
126 Airport Rd.

7400

12/20/06

TOTAL
TIME

TJSM 1/2

245.89

TRCM

1999.89

Make: Piper

WO #:

TTSOH: 245.89

Tach: 1899.89

1- Removed and replaced oil filter.

2- Serviced with 8 qts. 15/50 Aero Shell engine oil.

3- Removed and replaced both mags., harness and all spark plugs.

4- Ran-up, leak check and functionally checked satisfactory.

I certify that this aircraft ENGINE has been inspected in accordance with an ANNUAL inspection and has been found airworthy. Details on file at this agency under the work order number listed above.

Mike Buffalino

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Wagner Maintenance & Service, Inc.
126 Airport Rd.
West Milford, NJ 07480

Date: 01-11-2007 Make: Lycoming Tach.: 1908.5 Model: 0-320-E2A
W/O #: TTSMOH: 254.5

Removed and replaced alternator PN 2642996, SN on A609029 overhauled by Aerotech of Louisville. See attached 8130-3 form and Aerotech W/O 83711. Run up and opp's check satisfactory. This aircraft engine was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Details of this repair are on file at this agency under the work order listed above.

John Schmitt [Redacted] P

Approving
Authority

FAA/

Organ

Item

1

3

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
04-29-07	TACH 1944.0 298.5	Oil Change owner [redacted] TTSm FILTER R/IL 8 QUARTS Aeroshell 15/50

07-07-07	1981.5	Oil + Filter Change 8 QUARTS Aeroshell 15/50 owner [redacted]
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5/21/08	2041.13	
TTSm	387.13	

Wagner Maintenance & Service, LLC.
126 Airport Rd.
West Milford, NJ 07480

Reg #: 6530W Make: Lycoming Model: 0-320-E2A
 Date: 05-21-2008 WO: 4541 Tach: 2041.13 TTSMOH: ~~4147.23~~
 Performed an ANNUAL inspection per Piper maintenance 387.13
 manual and 100 hour guide. Drained oil. Inspected oil system,
 fuel system, intake and exhaust systems. Inspected magnetos
 and checked timing. Inspected starter and alternator. Inspected
 all fluid hoses. Cleaned, gapped, and checked spark plugs.
 Compression check; #1-70/80, #2-76/80, #3-74/80, #4-50/80.
 - R&R oil filter.
 - Removed cyl. #4 due to low compression. Found that the
 compression ring gaps were aligned. Re aligned rings, reinstalled
 cylinder and took compression 74/80.
 - R&R all oil return hoses.
 - R&R all rocker box cover gaskets.

CONT'D NEXT PAGE →

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5/21/08	2041.13	Serciced with 8qts 80 mineral oil. R&R air filter.. Run up, leak check and functionally checked satisfactory. ertify that this aircraft ENGINE has been inspected in cordance with an ANNUAL inspection and has been found worthy. Mike Buffalino
11/15/50 TSMH	387.13	
10-08-08	2095.1	Oil Change
		Exxon Elite 20-50
TSMH	441.13	

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	
4-4-89	2110 TACH	456 Sm on
		Engine oil & filter changed - checked filter for metal & serviced with 50W-50 Exxon. cleaned & regapped plugs. Comp checked all above $\frac{75}{80}$. cleaned fuel strainers, checked mounts, controls & exhaust. washed eng down - ramp leak ✓ good

certify ins (airframe, engine) has been inspected in accordance with (annual, 100 hr) inspection and found to be airworthy.

WILLIAM B. CLARK
ARP

12-27-2009

2177.45

Oil Change

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-6-10		Reinstalled Overhauled Starter & Alternator, Propeller & spinner ops ok good [redacted] [redacted] Ap

6/24/10 Tach 2230.1, TT 4336, TSOH 576.1, TST 0. Replaced cylinders with near new Millennium cylinders and pistons. Cylinders were reconditioned and installed with new rings and gaskets. Replaced crankshaft seal and alternator belt. Changed oil (Aeroshell 100M). Cleaned and gapped spark plugs. Timing checked left 25, right 25. Ground test satisfactory.

I have inspected this engine in accordance with an annual inspection per FAR 43 Appendix D and return it to service this date.

Westport Airport, Wichita Ks.

Ea [redacted] ng III A [redacted]

6 July 10	Air frame 4359	Tach 2253.05 Changed oil + filter Aeroshell 15W 50 8Qts [redacted] owner
21 Sep 10	Air frame 4401	Tach 2295.39 changed oil + filter Aeroshell 15W 50 8Qts TSOH - 641 [redacted] owner

INSPECTION & MAINTENANCE RECORD

DATE	Aircraft TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8 JAN 11	4448	Tach 2342.65 changed oil + filter Aeroshell 15w50 8 qts TSH 688 TST 112 [REDACTED]
8 MAY 11	4501	Tach 2395.66 changed oil + filter Aeroshell 15w50 7 qts TSH 741 TST 165 [REDACTED] owner

8 AUG 11 4526.7

AIRCAPITAL AIRCRAFT SALES AND SERVICE LLC
4800 WEST BEECH DRIVE SUITE 5 AUGUSTA, KS 67010
 Aug 8, 2011, N6530W, ACFT S/N28-20609 TACH 2420.8 hrs
 Drained engine oil and replaced oil filter serviced engine with 8 qts
 Aero shell 15W50 oil. Engine compression #1) 76/80 #2) 75/80 #3)
 76/80 #4) 75/80. Engine timing checked. Installed new carb heat
 shroud and new muffler shroud. Installed new fuel supply hose to the
 fuel pump and new fuel hose to the carburetor & installed new oil
 pressure gage hose at engine. Installed new REM38E spark plugs.
 Carburetor was sent for overhaul and one piece venturi was installed
 see Aircraft Accessories of Tulsa overhaul release. Installed new over
 board exhaust pipe. Engine hoses secured with new clamps.

certify that this Engine was inspected in accordance with FAR 43
 Appendix D 100 hour Inspection and has been determined satisfactory
 for return to service.

Duane Ayre A&P [REDACTED]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME Airframe	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
29 NOV 11	4573.5	Tach 2467.63 changed oil + filter Aeroshell 15W50 8qts TSMOH 813 TST 237 [REDACTED] owner
24 MAR 12	4605.0	Tach 2500.14 changed oil + filter Aeroshell 15W50 7qts TSMOH 845 TST 269 [REDACTED] owner
7 JUL 12	4623.6	Tach 2518.77 changed oil + filter Aeroshell 15W50 7qts TSMOH 863 TST 287 [REDACTED] owner

ENGINE LOG ENTRY TACH 2533.1 TSMOH 879.1 TSTOP 303.0 DATE 12-20-12

ENGINE INSPECTED IAW FAR 43 APP (D) AND LYCOMING SERVICE MANUAL
 COMPRESSIONS #176/80 #272/80 # 74/80 #4 76/80. CLEANED AND GAPPED
 PLUGS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW 100 HR/
 ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION---

[REDACTED] APP [REDACTED] SA
 WILLIAM CASSEL A&P [REDACTED]

26 JAN 13	4644	TACH 2539.93 changed oil + Filter Aeroshell 15W50 7qts TSMOH 885 TST 309 [REDACTED] owner
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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
20 APR 13	4690.3	TACH 2586.24 changed oil + filter Aeroshell 15W50 7qts TSMH 931.3 TST 355.3 [REDACTED] Owner 1828.5 Hobbs

RIO GRANDE AVIATION

1100 W 10TH ST DEL RIO, TX 78840 830-775-2309

Registration: N6530W

Model: PA28-140

S/N: 28-20609

Date: 6/25/2013

Tach: 2599.60

Removed vacuum pump p/n 211CC-9 s/n 12C1161. Installed O/H unit p/n 211CC s/n 613135 by Airpower Accessories 3514310AP. Operational and leak check good.

Thomas Mitchell [REDACTED] AP [REDACTED]

25 AUG 13		TACH 2602.28 changed oil + filter Aeroshell 15W50 7qts TSMH 947.3 TST 371.3 [REDACTED] Owner 1847.4 Hobbs
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10/18

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

ENGINE LOG ENTRY TACH 2630.2 TSMOH 976.2 TSTOP 400.1 DATE 01-06-14

ENGINE INSPECTED IAW FAR 43 APP (D) AND LYCOMING SERVICE MANUAL
COMPRESSIONS #1 72/80 #2 74/80 #3 72/80 #4 78/80. CLEANED AND GAPPED
PLUGS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW 100 HR/
ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION---

WILLIAM CASSEL A&P

10/18/14

Tach 2641.19

TSMOH 986.21

ACTT 4745.25

Changed oil and filter. Installed oil filter (tempest)
part number AA48110-2 and used Aeroshell oil
15W 50 (7qts). Operational check is normal and
no leaks found at this time.

AP

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Mike's Aircraft Service- Jacksboro TX Airport, 76458

02/06/2015 AC-N6530W S/N-L-14752-52A TACH-2654.7 TSMO-1000.9

Open and removed cowls and performed annual inspection IAW Piper PA-28-140 manual and FAR Part 43. Removed and cleaned all spark plugs, performed compression check #1-72 #2-68 #3-70 #4-72. Lubricated all controls. Checked magnetos and timing. Checked AD's. I certify that this engine has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition. Michael Brownlow IA [REDACTED] [REDACTED]

Mike's Aircraft Service- Jacksboro TX Airport, 76458

03/04/2016 AC-N6530W ENG-O-320-E2A S/N-L-14752-52A TACH-2682.7 TSMO-1028.9

Open and removed cowls and performed annual inspection IAW Piper PA-28-140 manual and FAR Part 43. Removed and cleaned all spark plugs, performed compression check #1-72 #2-70 #3-72 #4-74. Lubricated all controls. Checked magnetos and timing. Replaced #1,2,3,4 cylinder oil drain tubes(STD-2180) and intake hoses(69603) all leak check good. Repaired left and right forward engine shrouds(cracked). Tightened alternator drive belt. Drained oil, replaced with Aeroshell 15W-50, replaced filter 48110-2 and cut old filter no defects found leak checked good. Checked AD's. I certify that this engine has been inspected in accordance with an annual inspection and is determined to be in an airworthy condition. Michael Brownlow IA [REDACTED] [REDACTED]

DATE

Mi

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Op

43.

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06/2

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

FAA-71

DATE TOTAL TIME
Mike's Aircraft Service- Jacksboro TX Airport, 76458

09/14/2017 AC-N6530W ENG-O-320-E2A S/N-L-14752-52A TACH-2701.58 TSMO-1048.41

Open and removed cowls and performed annual inspection IAW Piper PA-28-140 manual and FAR Part 43. Removed and cleaned all spark plugs, performed compression check #1-76 #2-65 #3-74 #4-72. Lubricated all controls. Checked magnetos and timing. Drained oil, replaced with Aeroshell 15W-50, replaced filter 48110-2 and cut old filter no defects found leak checked good. Checked AD's. I certify that this engine has been inspected in accordance with a 100 hour inspection and is determined to be in an airworthy condition. Michael Brownlow IA [REDACTED]

06/29/2020 2701.68 AC-N6530W S/N-L-14752-52A TSMO-1048.51

Open + removed cowls performed 100 hr insp. IAW Piper PA-28-140 manual + FAR Part 43. Removed + cleaned all spark plugs, performed comp. ck. #1-74, #2-65, #3-76, #4-78. Lubed all controls. Checked mags + timing. Checked AD's. I certify that This engine has been inspected IAW A 100 hr inspection and determined to be in

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Airworthy condition. IA Michael Brownlow
		[REDACTED]

[illegible]