

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL O-320-D3G

SERIAL L-7172-39A TYPE CERTIFICATE E-274

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N1660H

MINIMUM OCTANE FUEL 91/96 OIL GRADE SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_

MAGNETO TIME 25° POINT SETTING \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.



The Standard

**ENGINE LOG**

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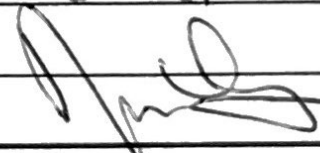
SPARK PLUG GAP \_\_\_\_\_

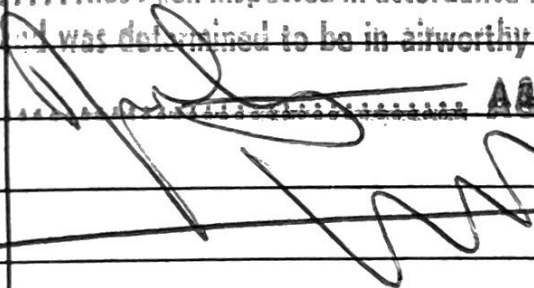
MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.



The Standard

ENGINE LOG

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-2-92-				TACH READS 2308.5 HRS. T. SMOH. 0.0 HRS.
				MAJOR OVERHAUL DONE AT THIS TIME.
				REPLACE- MAIN & ROD BEARINGS, FRONT MAINS,
				GASKET SET, OIL PUMP KIT AS PER AD
				81-18-04-R2, EX VALVES, PISTONS,
				PISTON PINS & PLUGS, TACH SHAFT, LIFTER BODIES,
				RING SET STD, ROCKER SHAFTS & THRUST
				BUTTONS, OVERHAUL CRANK CASE,
				OVERHAUL CRANKSHAFT, OVERHAUL RODS,
				REGRIND CAMSHAFT, OVERHAUL CYLINDERS
				GUIDES, SEATS & EX PORTS, (NITRIDED)
				OVERHAUL STARTER, INSPECT & CLEAN CARB.
				CRANK GEAR AS PER AD 91-14-22.
				FILL A/SHELL 50WT NON DET.
				READY FOR TEST RUN.
				TAGS IN AIRCRAFT RECORDS.
				SIGNED  1780196

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-5-92	TACH READS	2304.5 hrs.	T. SMITH 1.0 hrs.	
	Hobbs			ENGINE - Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter & generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked engine.
				File A/S 50NT Non DETURGENT.
				AD 81-18-04 R2 KIT INSTALLED AT OVERHAUL
				AD 91-14-22 CRANK GEAR MODIFIED AT OVERHAUL
Tach	2565.01			<p>Date 3-5-92 Total Aircraft Time 2304.5 I certify this Hobbs</p> <p>ENGINE has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.</p> <p>Signature  A&amp;P No. 1780196</p>



Tach. 2590.1

Date 5-12-92

2620.1

Don Davis Aviation  
2154 Hwy 136 West  
Henderson, KY 42420  
502-826-6000

N 1660H

Work Order 14445

Drained engine oil. Removed, Inspected and replaced oil filter with new filter. Serviced engine with 8qts Aeroshell 100 w oil. Washed down engine satisfied oil filter Grand run engine with no leaks or defects noted this date. /-END-/

The aircraft, power plant, or component identified above was repaired/replaced and/or inspected in accordance with current F.A.R.'s and is approved for return to service.

Signed Kenneth S. Jumbins Date 5-12-92  
CRS FGBR 878D

6-19-92	TACH	2620.1		Changed oil & filter. Serviced with Aeroshell
				15/50 oil & CH48110 filter. Washed down
	WO#	14496		engine for leak ck. No leaks noted.
				Kenneth S. Jumbins CRS FGBR 878D

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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8/11/92, N1660H, S/N 28-7716037, TACH=2646.2 W092-967.  
 Installed Prestolite Starter MZ4218R rebuilt by  
 Electrosystems, Inc. on their W.O. 11420.

*E E Brasel Insp.*

**Tri-State Aero CRS AHTR 102C**  
**Evansville, Indiana**



DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-19	248607		248607	<p>Eng tSOH 18302 Eng II 248607</p> <p>Completed Annual PWSP Comp ck #1 75/80 #2 72/80 #3 75/80 #4 72/80. Changed oil + filter added 8 qt Aeroshell 15-50w oil. AD 92-12-05 Amdt 39-8265 Piston Pins N/A Eng o/A Parts list shows P/N SL13444-1 pins installed. Installed new Air filter. Retimed both maps. Dressed prop blades.</p> <p>I certify that this <u>Engine + Prop</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>3-19-93</u> Signed <u>RA 8007 AP218407 IA</u></p> <p><i>for</i> Million Air of Evansville 5701 Flightline Dr. Evansville, IN 47711</p>

I certify that this Engine & Prop has  
been inspected in accordance with  
an Annual inspection and was  
determined to be in airworthy  
condition. Date 3-19-83

Signed RA 8507 BP218407 IA

Million Air of Evansville  
5701 Flightline Dr.  
Evansville, IN 47711

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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## LOG BOOK ENTRY

N1660H TACH TIME 2782.2

Inspected fuel pump, per A.D. 93-05-21  
 Date March 17, 1993 and Aero Accessories Inc.  
 service Bulletin 001. A.D. DOES NOT apply  
 to this fuel pump.

DATE April 12, 1993

Signed Scott Kerley AIP 317780436

Million Air of Evansville  
 5701 Flightline Dr.  
 Evansville, IN 47711






DATE 19 <u>94</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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3-16 2633.8 Tach ACTT 2633.8 Eng Smo# 330.3 EN, IT 2633.8

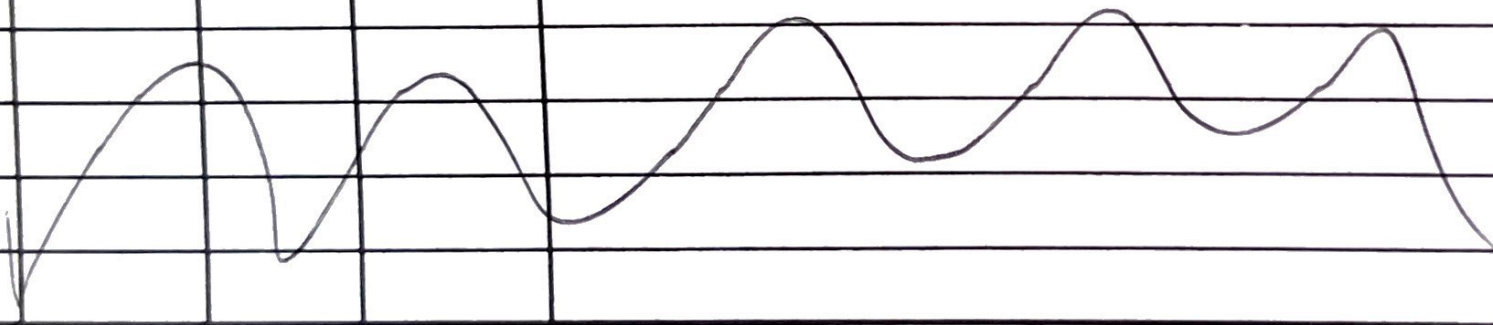
Completed Annual Insp Per Piper PA28-161  
 Insp Form. Comp CK #174/80 #274/80 #375/80  
 #475/80. Changed oil & filter Added 8qts Araskell  
 15W50 oil. Cleaned & gapped spark plugs.  
 Repaired engine batts as needed. WO # 4463

I certify that this Eng & Prop has  
 been inspected in accordance with  
 an Annual inspection and was  
 determined to be in airworthy  
 condition. 3-16-94

Signed

Robert Sledge AB2184007-IA

for  
 Million Air of Evansville  
 5701 Flightline Dr.  
 Evansville, IN 47711





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DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
19-94 7-20	2687.5			<p>Changed oil &amp; filter serviced with 8qt Aeroshell 15W-50 oil &amp; washed &amp; gnd ran engine.</p> <p>Signed <u>Robert Soof AP2184007TH</u> for Million Air of Evansville 5701 Flightline Dr. Evansville, IN 47711</p>
9-11-94	2736.92			<p>Tach changed oil &amp; filter serviced with Aeroshell 15W-50 oil. washed &amp; ground ran engine Robert Soof AP2184007TH</p>
12-29-94	2782.25	TACH		<p>Changed oil &amp; filter serviced with 7qt Aeroshell 15W50 oil. Removed cleaned &amp; gapped spark plugs washed &amp; Ground Ran Engine.</p> <p>Signed <u>Scott Kowalsky A317780436</u> Million Air of Evansville 5701 Flightline Dr. Evansville, IN 47711</p>

2845



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-30-95	2795.61			R+R LEFT MAG INSTALLED COIL CONDENSER AND CONTACT SET INTERNALLY TIMED - TIMED TO ENGINE - TEST RUN SATISFACTORY.
				L Brooker #1 490728065
TT & Tach				Eng Simolt ENG TT
4-1-95	2828.15			524.65 2828.15
				Completed Annual Insp per Piper Eng guide. Comp ck #1 78/80 #2 78/80 #3 76/80 #4 78/80. Changed oil & filter serviced with Aeroshell 15W-50. Installed new Attenuator belt. AD 95-07-01 Lyco Rod bolts N/A this model Eng.
				I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. <u>4-1-95</u> Signed <u>Bill L. Loeck</u> AD 28140071A for Million Air of Evansville 5701 Flightline Dr. Evansville, IN 47711

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7/31/95	2876.65			<p>CHANGED OIL AND FILTER SERVICED WITH AEROSHELL 15W50 AND FILTER CH48118 CLEANED, RAN AND LEAK CHECKED. NO DEFECTS NOTED. Signed <i>Million Air of Evansville</i> A/P 405048845  Million Air of Evansville  5701 Flightline Dr  Evansville, IN 47711</p>
12/05/95	2934.3			<p>Changed oil and Filter. Serviced with 8 Qts. Aeroshell 15W50. Washed + GND ran engine. No leaks noted.  Signed <i>Million Air of Evansville</i> A/P 307609992  Million Air of Evansville  5701 Flightline Dr  Evansville, IN 47711</p>



DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-18	2965	08 Tach	662.3	SMOth ENGT 2965.8
				Completed Annual insp. per Piper PA28-161 ing guide. Comp CR #1 73/80 #2 70/80 #3 73/80 #4 73/80 Changed oil & filter, serviced with Aero- Shell 15W-50 oil. AD 95-26-02 dyc/tex mis-fueling N/A per AD "N" number listings. Repaired eng. baffles as needed. Retimed both mags. Installed new eng. induction Air filter.
				I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>4-18-96</u> Signed <u>[Signature]</u> <u>A21840077</u> for Million Air of Evansville 5701 Flightline Dr. Evansville, IN 47711



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## SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Huntingburg Air Works

Work Order No. 79815

Date 6-10-87

Inspected by [Signature]

**Dawley Aviation**

140 Industrial Dr.  
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

N1660H, 10-12-96

Removed all flt. controls except stabilator for new paint. Trim was also disconnected. Same reinstalled per Piper spec's, with no balance change. New windows also installed. Prop was removed, then reinstalled after paint work complete per spec's. All work inspected and I/A/W Piper and FAR'S. Also installed new dorsal fin, again per spec's.

END.

Greg Ault #P303848686

N1660H, 10-12-96

Aircraft was chemically stripped, cleansed, and prepped for new top-coat per industry standards. The following is a list of colors utilized:

Matterhorn white, #U1528,  
Sterling Paints.  
Lime Green, #TR10135, P&L.  
(Acry-Glo)  
Marlin Blue, #572-670, P&L.  
(Acry-Glo)

M. Perbim  
CUSTOM PLANES,  
INC.  
PP307609582

DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				N1660H, 10-12-96 <span style="float: right;">x</span> Removed all flt. controls except stabilator for new paint. Trim was also disconnected. Same reinstalled per Piper spec's, with no balance change. New windows also installed. Prop was removed, then reinstalled after paint work complete per spec's. All work inspected and I/A/W Piper and FAR'S. Also installed new dorsal fin, again per spec's. END. <i>Craig Ault</i> <i>PP303848686</i>
				N1660H, 10-12-96 Aircraft was chemically stripped, cleansed, and prepped for new top-coat per industry standards. The following is a list of colors utilized: Matterhorn white, #U1528, Sterling Paints. Lime Green, #TR10135, P&L. (Acry-Glo) Marlin Blue, #572-670, P&L. (Acry-Glo)

*M. Perbink*  
*CUSTOM PLANES,*  
*INC.*  
*PP307609582*



DATE 19 <sup>96</sup>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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11-18 3009.8 Changed oil & filter serviced with 7 qts  
AeroShell 15W-50 oil.

Signed

Robert Hooge AP2184007-H

for Million Air of Evansville

5701 Flightline Dr.

Evansville, IN 47711

4-10-97 3046.7 ACTT-Tach & ENG TT 743.2 Eng SMOH

Completed Annual Insp. Comp ck #1 70/80 #2 70/80  
#3 70/80 #4 69/80. Changed oil & filter serviced with  
7 qts AeroShell 15W-50 oil. Installed all new spark  
plugs. AD 97-01-03 Piston pins N/A Per Log &  
SB 5276. AD 96-09-10 oil pump due at 4303.5 HR<sup>S</sup> TT  
or July 15 2001 whichever ever is  
first.

I certify that this Engine has  
been inspected in accordance with  
an Annual inspection and was  
determined to be in airworthy  
condition Date 4-10-97

Signed

Robert Hooge AP2184007-H

for Million Air of Evansville

5701 Flightline Dr.

Evansville, IN 47711

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## LOG BOOK ENTRY

Changed oil & filter, serviced  
with 7qt Aerashell 15W-50.

DATE 7-22-97

Signed Robert Soaps AP218407FA  
for **Millon Air of Evansville**  
**5701 Flightline Dr.**  
**Evansville, IN 47711**





[illegible]

[illegible]



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)</small>
7-99	3207.7	SANDH	904.2	Completed Annual inspection. Compression ① $\frac{7}{8}$ ② $\frac{7}{8}$ ③ $\frac{7}{8}$ ④ $\frac{7}{8}$ . Replaced #1 & #2 cylinders with overhauled assy's due to cracking. Replaced pistons, pins, Rings, valves & springs. Replaced necessary gaskets & seals. Serviced with Aero shell 40 mineral oil. Replaced alternator belt. Replaced oil seal in LH mag. unit. QWAD 98-02-08 by FPI inspection of crankshaft. due again 3307.7. Replaced #2 Cyl. primer line
				I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>2-17-99</u> Signed <u>Michael Geyer</u> 487661940JA Million Air of Evansville 5701 Flightline Dr. Evansville IN 47711



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/12/00	3381.98	Tak		<p>Changed eng. oil &amp; filter, inspected oil filter cartridge, serviced with AeroShell 15W/50 oil</p> <p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.</p> <p>SIGNED: <u>John W. Adair</u></p> <p>DATED: <u>1/12/00</u></p> <p>TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN</p>
2-21-00	3397.9	SMOH	1094.4	<p>Completed annual inspection. Compression ① <math>7\frac{1}{8}</math> ② <math>7\frac{1}{8}</math> ③ <math>7\frac{1}{8}</math> ④ <math>7\frac{5}{8}</math>. Tightened alternator attach points. Replaced rocker cover gaskets C/W AD 98-02-08 by insp crankshaft. Adjusted Magneto timing</p> <p>I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>2-21-00</u></p> <p>Signed <u>Michael Guyer 4876419407A</u></p>

Million Air of Evansville  
6701 Flightline Dr.  
Evansville, IN 47711

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-15-00	3426.54	Tach		changed engine oil and oil filter. Inspected oil filter cartridge. Serviced with 8 quarts Aeroshell 15W/50 oil. Leak checked and no leaks noted. Cleaned oil low press. switch.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED:

*John R. Wedsant*

DATED

5/15/00

TRI-STATE AERO, INC. C.R.S. AHTRI02C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

N1660H, MAKE: PIPER, MODEL: PA28-61, AIRFRAME S/N: 28-7716037,  
TACH: 3491.01, WO 831.

CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED  
WITH AEROSHELL 15W50 OIL.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED:

*John R. Wedsant*

DATED

8-8-00

TRI-STATE AERO, INC. C.R.S. AHTRI02C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATE

19\_\_

N1660H, MAKE: PIPER, MODEL: PA28-61, AIRFRAME S/N: 28-7716037,  
HM: 3509.01, WO 992.

CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED  
WITH PHILLIPS X/C OIL.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH  
CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT  
DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED

*Brian E. Evans*  
TRI-STATE AERO, INC. C.R.S. AHTRI2C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

9/18/00

ONS  
ABER OF  
ENTRIES.)

Tach 3553.3

N1660H, MAKE: LYC, MODEL: 0-320-D3G, S/N: L-7172-39A,  
HM: 3981.1, ACTT: 3553.3 ENG TT: 3553.3, ENG SOH: 1289.8, WO 1436.

COMPLETED ANNUAL INSPECTION. COMPRESSION CHECK #1 78/80, #2 76/80, #3 76/80, #4  
78/80. CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE,  
SERVICED WITH AEROSHELL 15W50 OIL. INSTALLED ALL NEW SPARK PLUGS. COMPLIED  
WITH AD98-02-08, ENGINE ID CRANKSHAFT INSPECTION, BY DPI PER SB 505B, NO CRACKS  
NOTED IN PITTED AREA OF CRANKSHAFT. INSTALLED NEW ALTERNATOR DRIVE BELT.  
INSTALLED NEW INTAKE GASKET ON #3 CYLINDER INTAKE TUBE. INSTALLED NEW OIL  
SEAL ON CRANKSHAFT. CLEANED PRIMER NOZZLES AS NEEDED. FABRICATED AND  
INSTALLED A MOUNT BRACKET FOR THE AIR DEFLECTION DOOR, DOOR BUSHINGS, AND  
GROMMETS IN THE CARB HEAT BOX. REPLACED LEAKING ACCELERATOR PUMP BOWL.  
ASSEMBLED AND INSTALLED NEW FUEL PRIMER HOSE NEAR OIL COOLER AS NEEDED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH  
CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT  
DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED

*John R. Wadsworth*  
TRI-STATE AERO, INC. C.R.S. AHTRI02C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED

3-2-01



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**HUNTINGBURG AIRCRAFT WORKS, INC. 2527 W. 900 S. HUNTINGBURG, IN.  
47542 (812) 683-8292 FAX (812) 683-4460**

6-20-02

1311.9 SMOH

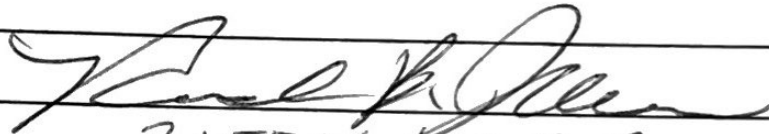
3615.4 tach

Changed oil and filter, added Aeroshell 15W50 oil and CP48110 filter, washed engine, test ran and found no leaks; Compression check (warm) 1.77/80 2.67/80 3.70/80 4.72/80; Retimed both mags. To engine; Removed exhaust to check for cracks, none found; I certify that this ENGINE has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy condition



Thomas D. Knoll A&P 304541156IA

12/2/02	TACH 3675.44			CHANGED OIL & FILTER WITH AEROSHELL 15W50 8 QTS & CHAMPION CH48110 FILTER Ran up OK.



315506470 A P



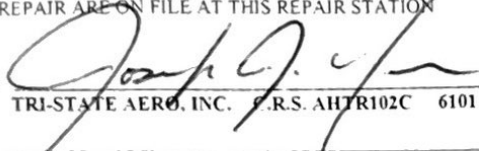
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N1660H, MAKE: LYC, MODEL: 0-320-D3G, ENG S/N: L-7172-39A,  
TACH: 3689.4, WO 3163.

INSPECTED SPARK PLUG LEADS, CLEANED AND GAPPED ALL SPARK PLUGS, INSPECTED  
LEFT MAG, SECURED COIL AND CONDENSER CONNECTIONS AND CLEANED POINTS,  
CHECKED MAG TIMING AND RAN ENGINE, ALL CHECKS GOOD.

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT  
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS  
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED



TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED:

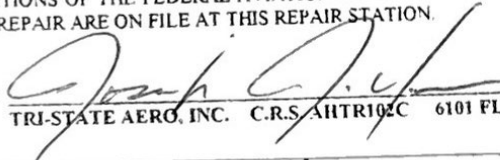
1-09-03

N1660H, MAKE: LYC, MODEL: 0-320-D3G, ENG S/N: L-7172-39A,  
TACH: 3705.8, WO 3242.

REMOVED #2 CYLINDER AND REINSTALLED WITH NEW BASE SEAL. GROUND RAN  
AIRCRAFT, NO LEAKS OR PROBLEMS NOTED AT THIS TIME.

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT  
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS  
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

SIGNED



TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED

02-14-03

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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N166OH, MAKE: PIPER, MODEL: PA28-161, S/N: 28-7716037,  
TACH: 3705.8, WO 3242.

INSTALLED ALTERNATOR, P/N:3656624 S/N:9091249 A169409. INSTALLED REPLACEMENT  
LANDING LIGHT & DETERIORATED WIRING AS NEEDED.

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT  
REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS  
OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

SIGNED

*[Signature]*  
TRI-STATE AERO, INC. C.R.S. AHTR102C 6101 FLIGHTLINE DRIVE EVANSVILLE, IN

DATED: 02-14-03

**HUNTINGBURG AIRCRAFT WORKS, INC. 2527 W. 900 S. HUNTINGBURG, IN.  
47542 (812) 683-8292 FAX (812) 683-4460**

3-28-03

3730.3 tach

1427.3 SMOH

Replaced cylinder base gasket on #3 cylinder and reinstalled as per Lycoming Overhaul  
Manual P/N 60294-7; Machined #3 cylinder exhaust stack flange and reinstalled on  
cylinder; Repaired right forward bottom baffle support; Cleaned starter Bendix and  
lubricated; Test ran and found no leaks;

*[Signature]*  
Thomas D. Knoll A&P 304541156

[illegible]

[illegible]

[illegible]