

Cessna Cardinal
RG N7582V

s/n 177RG0873

CURRENT ENGINE LOG

This Document Is To Serve As
CERTIFICATION
of
Engine Overhaul
by
Magnum Performance, LP

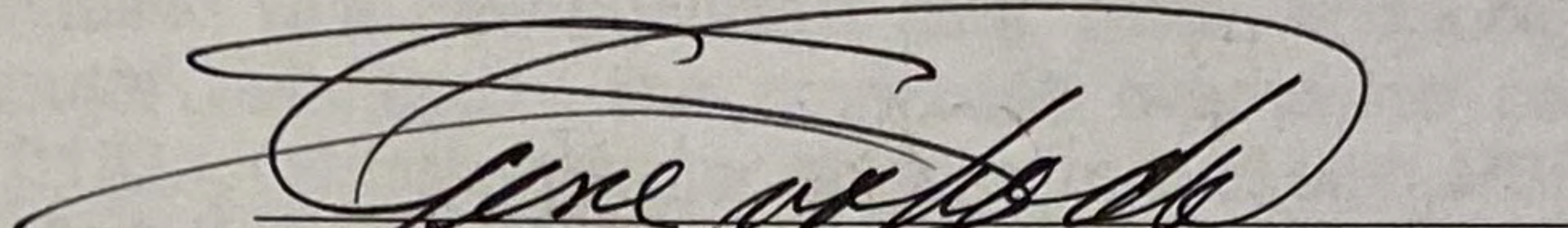
MFG: Lycoming Model: IO-360-A1B6D Serial No: L-22309-51A
Total Time: 4364.0 SMOH (0) Zero

Engine to be operated and maintained I.A.W. airworthiness limitations of Lycoming and Cessna Aircraft.

A.D. Notes: Reference Engine Log Book

Pertinent Details of the Work Performed are on File at this Company under Work Order #0122.

Date: 12-22-10


License: A&P279388191 Gene Svoboda

Magnum Performance, LP

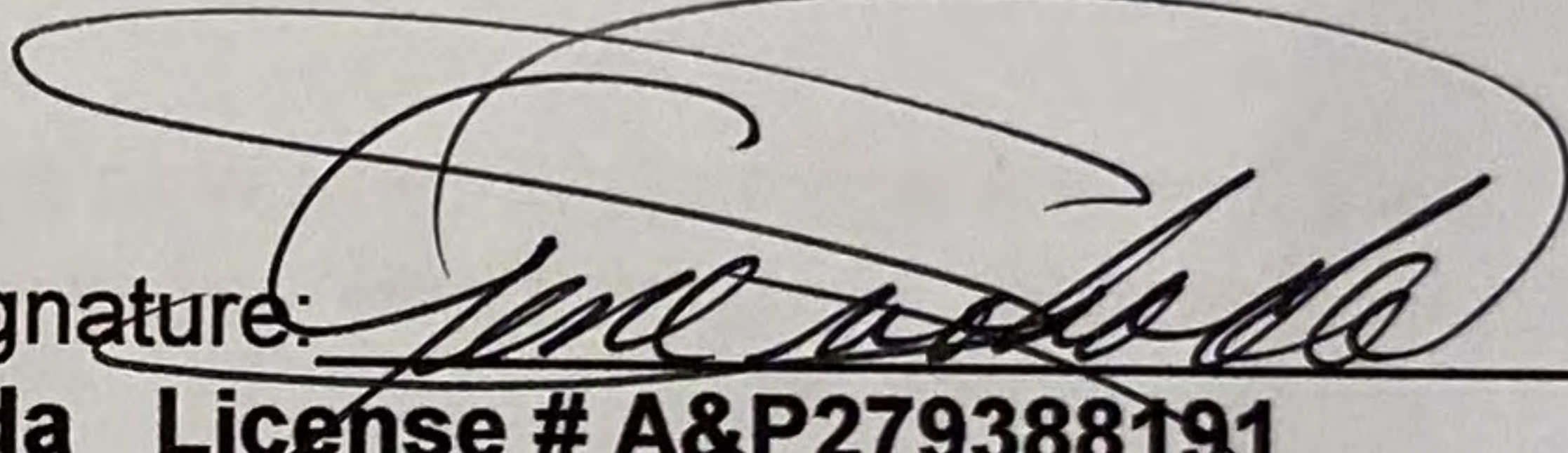
12-22-10 This engine model Lycoming IO-360-A1B6D Serial # L-22309-51A was overhauled by Magnum Performance, LP of Blossom, TX according to factory recommended procedures, specifications, limits and pertinent Federal Aviation Regulations.

All internal steel parts were magnafluxed and all non-ferrous materials were zyglo checked for cracks. All the guidelines from the Lycoming Table of Limits and Overhaul Manual were followed at time of overhaul, SSP1776.

All tags received from the accessory suppliers are located at the rear of this logbook as applicable, including applicable 8130-3. Engine case S/N L-22309-51A was replaced with S/N L-27916-36A. Data plate S/N remains unchanged. Total Time reflected at time of this overhaul is Total Time on case S/N L-27916-36A.

The camshaft new (cam design profiled) Centri-Lube STC modified, P/N LW18840; crankshaft gear and bolt new SL8-14A installed. New rocker arm bushings, rod bushings, rod bolts and nuts, rod bolt P/N SL12596. New bearings, rods and mains; new gaskets and seals installed during overhaul. Overhauled counterweights installed with new bushings, pins, plates and lock rings. Engine rotating mass dynamically computer balanced. The crankcase overhauled certified, records on file at MP under work order 0122. Oil filter adapter housing etched with MSB543A compliance per Lycoming. Four new Lycoming cylinders installed, O5K21120; flow balanced intake/exhaust ports with Magnum valve setup. New oil pump housing and gears complying with AD 96-09-10. Overhauled Bendix magneto installed with new ignition harness and Autolite spark plugs. Fuel servo overhauled, manifold and nozzles. Overhauled fuel pump installed; Overhauled oil cooler 8406E provided for installation by installer of engine. AD 2000-06-16 per S.B. 566 not applicable by engine S/N or crankshaft S/N. MSB488A on governor oil pressure line complied with at overhaul. All engine parts were cleaned, dimensionally checked, alodined and painted before final assembly.

WORK ORDER # 0122

Authorized Signature: 

Gene Svoboda License # A&P279388191

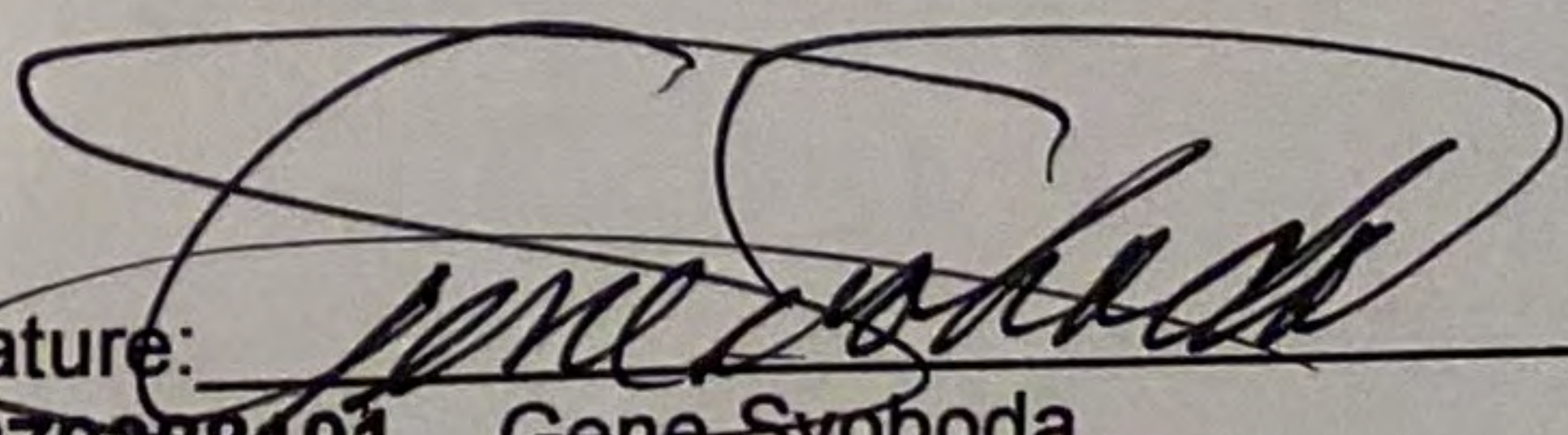
	P/N	S/N
Bendix RSA-5AD1	2524054-11	87441654
Crankcase	72082/72081	CSI 318
Crankshaft	LW-12375	116167
Injector nozzle	2524864-2	N/A
Flow divider	2524232-2	U525
Fuel pump	40296	I3820-04
Magneto	10-682555-11	G01BA088R
Harness (Skytronics)	A38-10BS	N/A
Cylinders	LW-12993	36737-1 thru 36737-4
Camshaft	LW-18840	STC SE00590DE

Magnum Performance, LP

12-22-10 All recommended parts prescribed in the Lycoming Overhaul Manual and applicable Airworthiness Directives were complied with at time of this repair. For a complete list reference Work Order # 0122 on file at Magnum Performance.

* FAA-PMA parts are frequently substituted for Lycoming factory parts.

WORK ORDER # 0122

Authorized Signature: 

License # A&P279388191 Gene Svoboda

Magnum Performance LP

12-22-10 After assembly, this engine was delivered for installation and test run on aircraft. Engine was pressure lubed before delivery. No leaks were detected. Break-in procedures were provided to installer by Magnum Performance.

WORK ORDER #122

Signature

License: A&P279388191 Gene Svoboda

Magnum Performance, LP

MAINTENANCE RELEASE

The aircraft engine and/or component identified was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the overhaul are on file at this company under **Work Order No. 0122**

Date: 12-22-10

Signed

LICENSE #A&P279388191 Gene Svoboda

CAUTION

Avoid prolonged ground run or slow flight as this causes new engine damage and will void warranty. **For proper warranty coverage consult Magnum Performance before any repairs or adjustments are made on the engine.**

CAUTION

Warranty will be voided if all oil fed accessories are not cleaned, tagged and recorded in log book at time of engine overhaul; eg. prop, prop governor, oil cooler, oil tank, and all fuel and oil lines.

Magnum Performance, LP

IMPORTANT

FUEL INJECTION LINES It is the responsibility of the owner to assure compliance with Lycoming AD 2002-26-01 at each 100-hour interval.

Date: 12-22-10

Signed

License: A&P279388191 Gene Svoboda

Magnum Performance
50 County Road 13200, Blossom, TX 75416
(903) 982-7346

LIMITED OVERHAUL WARRANTY

1. **Subject Matter and Scope of Warranty.** Magnum Performance LP (hereinafter referred to as "MP") warrants each overhauled certified engine to be free from defects in material workmanship. This Warranty is expressly subject to the terms and conditions set forth below and shall not apply outside the operational periods listed or to any engine which has been subject to misuse, neglect, accident or damage from the elements or which has been installed, repaired, maintained or altered in any manner which in the judgment of MP has had an adverse effect on the performance or reliability of engine or part.

2. **Time Limits.** This Warranty for parts and labor, extends for a period of **twelve (12) months from the date of service or three hundred (300) hours**, whichever occurs first and thereafter is pro-rata to manufacturer's TBO. Overhauled cylinders' warranty 6 months or 150 hours. Magnum Performance considers the frequent use and operation of an engine to be an integral factor in extending engine life. For this reason, MP considers warranty hours based upon a minimum usage of 40 hours per month, regardless of actual engine operation hours.

3. **Express Conditions.** As a time and condition of this Warranty, the customer is required to follow factory recommended service and operational procedures and maintenance guidelines.

4. **Log Books.** Proper maintenance log books are to be kept by and maintained by the customer and shall be furnished to MP on demand as a condition to the Warranty.

5. **Conditions and Procedures for Obtaining Warranty Work.** This warranty shall be effective only if the engine or component to be serviced is returned to MP's facility at customer's expense, together with the particulars in writing of the nature of the defect. The customer or his representative should contact Magnum Performance LP for verification and authorization of warranty prior to return and/or repair. Written authorization must be obtained from MP before repairs covered by warranty can be performed other than by MP. In no event shall allowable labor costs exceed local published shop rates. The foregoing warranty shall apply if and only if the engine has been properly installed and maintained in accordance with current approved standards of the FAA and current recommendations of the manufacturer as specified in applicable factory manuals and service bulletins. The performance of recommended inspections and maintenance must be documented by log book entries which must accompany any engine returned for warranty work.

6. **Limitations and Exclusions.** All parts and labor must have written authorization from MP prior to commencement of any warranty repair or replacement of items. MP is responsible only for the cost of reasonable labor and materials necessary to repair or replace the parts MP determines to be defective in material or workmanship at MP's place of business, located at Blossom, TX. Under no circumstances shall MP be responsible for charges incurred in the removal and reinstallation of defective parts or engines. This warranty shall not apply to any engine which has been repaired or altered in any manner other than by MP or its representative without prior written authorization.

7. **THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, OR STATUTORY, WHETHER WRITTEN OR ORAL, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS AND FOR ANY PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTY ARISING FROM ANY COURSE OF PERFORMANCE OR DEALING OR TRADE USAGE. THIS WARRANTY IS ALSO IN LIEU OF ANY OTHER OBLIGATION, LIABILITY, RIGHT OF CLAIM, WHETHER IN CONTRACT OR IN TORT, INCLUDING ANY RIGHT IN STRICT LIABILITY IN TORT OR ANY RIGHT ARISING FROM NEGLIGENCE ON THE PART OF MP AND MP'S LIABILITY ON SUCH CLAIM SHALL IN NO CASE EXCEED THE PRICE ALLOCABLE TO THE ENGINE OR PART WHICH GIVES RISE TO THE CLAIM.**

8. **LIMITATION ON LIABILITY, IN NO EVENT, WHETHER AS A RESULT OF A BREACH OF WARRANTY, CONTRACT OR ALLEGED NEGLIGENCE, SHALL MP BE LIABLE FOR SPECIAL OR CONSEQUENTIAL OR ANY OTHER DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUES, LOSS OF USE OF THE ENGINE OR AIRCRAFT OR COST OF A REPLACEMENT, PERSONAL INJURY OR FATALITIES, OR FLIGHT DELAYS OR CANCELLATIONS.**

9. Cracked cylinders and crank cases are excluded from all warranties, unless it can be determined that the damage is a direct and proximate result of improper workmanship by MP. Accessory items are to be warranted by vendor of such items.

10. **DISCLAIMER OF MANUFACTURERS' WARRANTIES AND LIMITATIONS OF ALL ACTIONS:** Warranties shall not apply to engines, cylinders, parts or accessories that have been improperly installed, over heated, over speeded, over boosted, detonated, pre-ignition causes or through improper lubrications, hydraulic fuel lock, vapor locked, improperly timed, contaminated through oil system or fuel system, or adjustments performed improperly, stored for excessive periods of inactivity, altered, repaired, serviced or operated contrary to the current Manufacturer's Recommendations, instructions, Service Bulletins, Service Letters or FAA Airworthiness Directives or International Governing Authorities, or have been subject to misuse, abuse, neglect, prop strike, lightning strike or fire. Engines that have been operated with instrumentation or aircraft gauges that have been improperly calibrated such as tachometer, manifold pressure, cylinder temperatures, oil temperatures, exhaust gas temperature, fuel flow and oil pressure gauges will be exempt from Warranty. The original engine manufacturer and Magnum Performance LP shall immediately void the engine warranty if automobile, low octane, jet fuel or fuels not approved by the FAA are used. Use of lubricants that are not approved by the FAA, the original engine manufacturer and Magnum Performance such as oil additives, synthetic oil and other engine oil treatments, will immediately void this Magnum Performance warranty. Engines installed in an experimental aircraft will immediately void Magnum Performance LP warranty.

11. STC or PMA kits that alter original engine configuration for performance enhancements that were installed after Magnum Performance LP delivered engine, unless previously approved by MP in writing or installed by MP at time of overhaul and before delivery of engine, shall void warranty. All TCM injected engine, at time of installation, must have fuel system set up per SID97-3 before flight operation and record made to Log Book substantiating set-up of engine per TCM SID97-3 or warranty shall be void.

AD NOTES COMPLIANCE RECORD

12/22/2010

Engine - Textron Lycoming - IO-360-A1B6D

L-22309-51A

Magnum Performance LP W.O.# 122

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
96-09-10	Oil Pumps	12-22-10 4364.0	Complied with at overhaul MSB524	X			Gene Svoboda A&P279388191
96-23-03	High pressure fuel pumps		Not applicable by P/N	X			Gene Svoboda A&P279388191
97-15-11	Piston pin		Not applicable MSB527C	X			Gene Svoboda A&P279388191
98-02-08	Crankshaft corrosion		Not applicable by engine model		X		Gene Svoboda A&P279388191
98-17-11	Crankshafts		Not applicable by S/N	X			Gene Svoboda A&P279388191
2002-12-07	Prevent complete loss of engine oil	12-22-10 4364.0	Complied with at overhaul MSB543		X		Gene Svoboda A&P279388191
2003-14-03	Prevent rotary fuel pump leaks		Not applicable by model		X		Gene Svoboda A&P279388191
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt		Not applicable by engine model		X		Gene Svoboda A&P279388191
2005-19-11	Prevent failure of the crankshaft		Not applicable per MSB566	X			Gene Svoboda A&P279388191
2005-26-10	To prevent loss of engine power due to cracks in the cylinder assemblies		Not applicable by manufacturer	X			Gene Svoboda A&P279388191
2006-06-16	To prevent failure of the crankshaft		Not applicable per MSB566	X			Gene Svoboda A&P279388191
2006-20-09	To prevent failure of the crankshaft		Not applicable per MSB569	X			Gene Svoboda A&P279388191
2008-14-07	To prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment	12-22-10 4364.0	Complied with at overhaul and MSB342		X		Gene Svoboda A&P279388191
2009-02-03	To prevent a lean running engine	12-22-10 4364.0	Complied with at overhaul		X		Gene Svoboda A&P279388191

Thomas R. Van Voorhis
AP2560430

Thomas R. Van Voorhis
AP3560430

DATE	TIME IN SERVICE	TIME SINCE OVHL	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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N7582V 9/16/11 TACH 2570.75 ETT 50.22

Performed an annual/ 100 hour inspection on this engine iaw
 far 43 appendix d. Complied with AD08-14-07. Compression
 check #1 72/80, #2 72/80, #3 72/80, #4 72/80. Changed oil
 and filter added 7 qts. Aeroshell 15W50 and a AA481-10-2
 filter. Inspected old filter and sump screen. Cleaned and
 gapped spark plugs, check mag timing, service air filter.
 Ground run and leak check good. I certify that this engine has
 been inspected in accordance with an annual/ 100 hour
 inspection and determined to be in an airworthy condition.-

END-

Harold S. Young
AP26667371A

N7582V TACH 2594.79 29MAR12

Changed oil with 7qts. of Aeroshell 15W/50. Changed oil filter with an AA48103 filter. Ground run and leak check performed with satisfactory results at this time.-END-

Thomas R. Van Voorhis
AP3560430

N7582V TACH 2621.78 10JUL12

Changed oil with 7qts. of Aeroshell 15W/50. Changed oil filter with an AA48103 filter, cut old filter open and inspected. Ground run and leak check performed with satisfactory results at this time.-END-

Thomas R. Van Voorhis
AP3560430

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Paul K. Ryan
AP3710271

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DESCRIPTION OF WORK PERFORMED
 SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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N7582V 1/5/16 TACH 2830.67 ESMOH 309.67
 Performed an annual/ 100 hour inspection on this engine iaw far 43 appendix d. Complied with AD15-19-07. Compression check #1 75/80, #2 71/80, #3 74/80, #4 76/80. Changed oil and filter added 7 qts. Aeroshell 15W50 and a AA48103-2 filter. Inspected old filter and sump screen. Cleaned and gapped spark plugs, check mag timing, service air filter, cleaned fuel nozzles. Ground run and leak check good at this time. I certify that this engine has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition.-END-

Harold S. Young
 AP2666737IA

N7582V TACH 2852.29 06/15/2016
 Drained oil and inspected filter. Serviced with 7qts. Aeroshell 15W50 and AA48103 oil filter. Ops and leak checks good at this time.

-END-

Paul K. Ryan
 AP3710271

N7582V 2/1/17 TACH 2892.96 ESMOH 371.96
 Performed an annual/ 100 hour inspection on this engine iaw far 43 appendix d. Complied with AD15-19-07. Compression check #1 76/80, #2 76/80, #3 76/80, #4 76/80. Changed oil and filter added 7 qts. Aeroshell 15W50 and a AA48103-2 filter. Inspected old filter and sump screen. Cleaned and gapped spark plugs, check mag timing, service air filter. Installed baffling springs that were missing, sealed areas on baffling for better cooling. Repositioned starter wire. Ground run and leak check good at this time. I certify that this engine has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition.-END-

Harold S. Young
 AP2666737IA

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XXXXXXX				Totals Brought Forward From Previous Page
Date: 05/24/2021 Hours: TACH:3131.99 Tail#: N7582V Make: Textron (Cessna) Model: 177RG S/N: 177RG-0873 Drained oil, removed oil filter, cut open and inspected for debris, none noted at this time Serviced oil with 7 qts. of AeroShell W15W50 and aviation camguard Installed New Tempest 48103-2 oil filter, torqued to 16 ft. lbs. and safety wired Post maintenance run up / leak check satisfactory at this time.				
Name: Joseph Rambosek Cert: AP 3761674 Co: Aero Precision Unlimited Sign: <i>[Signature]</i>				
5/25/21 3132.45 flight test satisfactory JHR private pilot 2778937				
 Aero Precision Unlimited 1075 Pittsburgh Dr. Delaware Ohio 43015 9372090962 Make: Textron (Cessna) Model: 177RG Tail: N7582V S/N: 177RG-0873 Hours: TT: 3153.12 DRAINED OIL, REMOVED OIL FILTER, CUT OPEN AND INSPECTED FOR DEBRIS, NONE NOTED AT THIS TIME INSTALLED NEW TEMPEST 48103-2 OIL FILTER, TORQUED TO 16 FT. IBS. AND SAFETY WIRED. SERVICED ENGINE OIL WITH 7 QTS. OF AEROSHELL W15W50 AND 1.2 OZ. OF CAMGUARD PER QT. OF ENGINE OIL POST MAINTENANCE RUN UP / LEAK CHECK OK AT THIS TIME Signed: <i>[Signature]</i> Cert: AP 3761674 Name: Joseph Rambosek Date: 10/18/2021				
TOTALS - Carry Forward				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVHL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
XXXXXXX				Totals Brought Forward From Previous Page

N7582V 1/21/22 TACH 3166.94 ESMOH 645.94
 Performed an annual/ 100 hour inspection on this engine law far 43 appendix d.

- Complied with AD15-19-07.
- Compression check #1 70/80, #2 76/80, #3 68/80, #4 74/80.
- Changed oil and filter added 7 qts. Aeroshell 15W50 and a AA48103-2 filter. Inspected old filter and sump screen. Cleaned and gapped spark plugs, adjusted mag timing, serviced air filter.
- Replaced cyl 3 bottom spark plug
- Replaced gaskets for fuel strainer

Ground run and leak check good at this time. I certify that this engine has been inspected in accordance with an annual/ 100 hour inspection and determined to be in an airworthy condition.-END-

Harold S. Young
 AP26667371A



907 Aviation LLC.
 1075 Pittsburgh Dr.
 Delaware Ohio 43015
 9372090962

Make: Lycoming
Model: IO-360-A1B6D
Tail: N7582V
S/N: L-22309-51A

Hours: AC: 3209.35 TT: 3209.35 EngTT: 5052.35 TSMOH: 688.35

Performed 100 Hour/Annual inspection using Lycoming IO-360 MM and AC 43-13-1B as reference.
 Engine Oil Dip stick O-ring found missing and replaced with new.
 Motor due for compression check. Compressions Follow: #1:78, #2:78, #3:74, #4:76
 Oil recently changed. AC not operated since servicing.
 Spark Plugs serviced and reinstalled using new M674 Gaskets and torqued to specification.
 Fuel injectors removed, cleaned using ultra-sonic oil bath, inspected, and reinstalled.
 Gas collator removed, cleaned, inspected, and reinstalled.
 Induction filter removed, cleaned and inspected. Filter oiled and reinstalled.
 Magneto Timing verified.
 Oil drained and replaced with 7 qts new AeroShell 15w50.
 Oil filter removed and replaced with new Tempest 48110-2 and secured with lock wire. Used filter opened for inspection. Findings acceptable at this time.
 Motor washed.

All AD's current and C/W as of this date.

Small Aircraft, FAA Bi-Weekly 2022-27, 12/19/2022-01/01/2023

I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Jeffrey Guy A&P 2147901 IA

Signed: Joseph B. Rambosek
Name: Joseph Rambosek

Cert: AP 3761674
Date: 01/06/2023

TOTALS - Carry Forward

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVHL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
XXXXXXX				Totals Brought Forward From Previous Page



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware Ohio 43015
9372090962

Make: Textron (Cessna)

Model: 177RG

Tail: N7582V

S/N: 177RG-0873

Hours: TT:3209

DRAINED OIL, REMOVED OIL FILTER, CUT OPEN AND INSPECTED FOR DEBRIS, NONE NOTED AT THIS TIME
INSTALLED NEW TEMPEST 48103-2 OIL FILTER, TORQUED TO 16 FT. LBS. AND SAFETY WIRED.
SERVICED ENGINE OIL WITH 7 QTS. OF AEROSHELL W15W50 AND 1.6 OZ. OF CAMGUARD PER QT. OF
ENGINE OIL
POST MAINTENANCE RUN UP / LEAK CHECK OK AT THIS TIME

Signed: Joseph B. Rambosek
Name: Joseph Rambosek

Cert: AP 3761674

Date: 09/30/2022



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware Ohio 43015
9372090962

Make: Textron (Cessna)

Model: 177RG

Tail: N7582V

S/N: 177RG-0873

Hours: TT: 3221

Oil Drained and replaced with 7 qts AeroShell 15w50. Added 1.6 oz. of camguard per quart of oil.
Oil Filter removed and replaced with new Tempest AA48103-2. Used filter opened for inspection. Findings acceptable
at this time.
Bracket reattached to door with 3x 5-3 Cherry Max rivets. Door Ops check normal at this time.
Spinner Screw missing. Missing screw replaced with new.
1/4 Turn Fastener missing.
Run up and leak check normal at this time.

Signed: Joseph B. Rambosek
Name: Joseph Rambosek

Cert: AP 3761674

Date: 03/29/2023

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVHL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
XXXXXXX				Totals Brought Forward From Previous Page
 907 Aviation LLC. 1075 Pittsburgh Dr. Delaware Ohio 43015 9372090962				Make: Lycoming Model: IO-360-A1B6D Tail: N7582V S/N: L-22309-51A
Hours: TT: 3244.00				
Performed a pre maintenance run up, brought engine temps and pressures up operational norms. drained oil, collected Blackstone oil analysis and sent for analysis removed oil filter, cut open and inspected for debris, nothing of notable size or quantity observed at this time installed new tempest 48103-2 oil filter, torqued to 16 ft. lbs and safety wired with .032 safety wire. serviced engine oil with 8 qts. Of AeroSell W15W50 oil and camguard. Post maintenance run up / leak check conducted, OK at this time.				
Signed: <u>Joseph B. Rambossek</u> Name: Joseph Rambossek				Cert: AP 3761674 IA Date: 09/24/2023
 907 Aviation LLC. 1075 Pittsburgh Dr. Delaware Ohio 43015 9372090962				Make: Lycoming Model: IO-360-A1B6D Tail: N7582V S/N: L-22309-51A
Hours: AC: 3209.35 TT: 3209.35 EngTT: 5052.35 TSMOH: 688.35				
Performed 100 Hour/Annual inspection using Manufacturer MM and AC 43-13-1B as reference. 1. Engine Oil Dip stick O-ring found missing and replaced with new. 2. Motor due for compression check. Compressions Follow: #1:78, #2:78, #3:74, #4:76 3. Spark Plugs serviced and reinstalled using new M674 Gaskets and torqued to specification. 4. Fuel injectors removed, cleaned using ultra-sonic oil bath, inspected, and reinstalled. 5. Gas collator removed, cleaned, inspected, and reinstalled. 6. Induction filter removed, cleaned and inspected. Filter oiled and reinstalled. 7. Magneto Timing verified. 8. Motor washed. All AD's current and C/W as of this date. Small Aircraft, FAA Bi-Weekly2022-27, 12/19/2022-01/01/2023 I certify this aircraft has been inspected in accordance with an annual inspection and was in airworthy condition at this time. Jeffrey Guy A&P 2147901 IA				
Signed: <u>Joseph B. Rambossek</u> Name: Joseph Rambossek				Cert: AP 3761674 Date: 01/06/2023

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XXXXXXX				Totals Brought Forward From Previous Page



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware Ohio 43015
9372090962

Make: Lycoming
Model: IO-360-A1B6D
Tail: N7582V
S/N: L-22309-51A

Hours: Tach Time: 3255.83 AFTT: 3255.83 ETSMOH: 734.83 PTSMOH: 734.83

Performed 100 Hour/Annual inspection using Lycoming IO-360 MM and AC 43-13-1B as reference.
Performed a pre maintenance run up on aircraft, brought engine operating temps and pressures up to within normal limits. Performed magneto checks. Checked aircraft systems for proper function.
Motor due for compression check. Compressions Follow: #1:75, #2:77, #3:74, #4:77
Engine oil drained and replaced with 7 qts new Aeroshell 15w50. Oil filter removed and replaced with new Champion filter AA48103
Filter torqued to manufacturer specification and secured with lock-wire. Used filter opened for inspection, findings acceptable at this time. Suction screen removed, cleaned with ultrasonic oil bath, inspected, and reinstalled using new 1" crush gasket. Run up and leak check ok at this time.
Spark Plugs serviced and reinstalled using new M674 Gaskets and torqued to specification.
Fuel injectors removed, cleaned using ultra-sonic oil bath, inspected, and reinstalled.
Gas collator removed, cleaned, inspected, and reinstalled.
Magneto Timing verified.
Motor washed.
All AD's current and C/W as of this date.
Small Aircraft, Biweekly 2024-05, 02/26/2024-03/10/2024
I certify this ENGINE has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Signed: Joseph B. Rambosek
Name: Joseph Rambosek

Cert: AP 3761674 IA
Date: 03/13/2024

3/13/24 3255.83 734.83 Added 12 in Cam Guard to oil sump
Make 1000 Pratt Pilot 2778937



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware, Ohio 43015

Make: Lycoming
Model: IO-360-A1B6D
Tail: N7582V
S/N: L-22309-51A

Hours: Tach Time: 3300.17 ETSMOH: 779.17

Performed 100 Hour/Annual inspection using Lycoming IO-360 MM and AC 43-13-1B as reference.
Performed a pre maintenance run up on aircraft, brought engine operating temps and pressures up to within normal limits.
Performed magneto checks. Checked aircraft systems for proper function.
Motor due for compression check. Compressions Follow: #1:75, #2:70, #3:64, #4:72
Engine cylinders borescope inspected, findings were normal at this time.
Engine oil drained and replaced with 7 qts new Aeroshell 15w50. Oil filter removed and replaced with new Tempest AA48103-2
Filter torqued to manufacturer specification and secured with lock-wire. Used filter opened for inspection, findings acceptable at this time. Suction screen removed, cleaned with ultrasonic oil bath, inspected, and reinstalled using new 1" crush gasket. Run up and leak check ok at this time.
Spark Plugs serviced and reinstalled using new M674 Gaskets and torqued to specification.
Fuel injectors removed, cleaned using ultra-sonic oil bath, inspected, and reinstalled.
Gas collator removed, cleaned, inspected, and reinstalled. New seal kit installed P/N: FS-KT-1
Magneto Timing verified at 25 degrees BTC
Motor washed.
AD 2004-10-14: Crankshaft Gear Retaining Bolt, due at propeller strike or engine overhaul
AD2015-19-07: Fuel Injector Fuel Lines and Clamps, due at next annual inspection or any time engine work is performed prior to annual inspection.
All AD's current and C/W as of this date.
Small Aircraft, Biweekly 2025-01 12/30/2024-01/12/2025
I certify this ENGINE has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

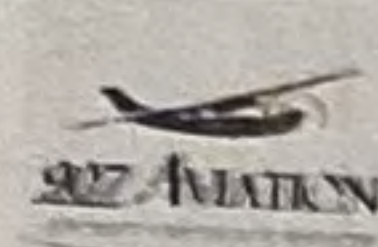
Signed: Joseph B. Rambosek
Name: Joseph Rambosek

Cert: AP 3761674 IA
Date: 01/13/2025

SUB-TOTAL

TOTAL

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVHL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
XXXXXXX				Totals Brought Forward From Previous Page



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware, Ohio 43015

Make: Lycoming
Model: IO-360-A1B6D
Tail: N7582V
S/N: L-22309-51A

Hours: Tach: 3326.68

Ran aircraft brought operational temps and pressures to within normal range.
Drained oil collected oil analysis sent to blackstone.
Removed oil filter and cut open and inspected for debris, nothing of notable size or quantity observed at this time.
Installed new tempest 48108-2 oil filter, torqued to 16 ft.lbs. and safety wired.
Serviced engine oil sump with 7 quarts of aeroshell W15W50, added 1.6oz of camgard per quart of oil added.
Performed post maintenance run up / leak check. OK at this time.

Signed: Joseph B. Rambosch
Name: Joseph Rambosch

Cert: AP 3761674 IA
Date: 08/14/2025



907 Aviation LLC.
1075 Pittsburgh Dr
Hangar B
Delaware, Ohio 43015

Make: Lycoming
Model: IO-360-A1B6D
Tail: N7582V
S/N: L-22309-51A

Hours: Tach: 3338.44 TSMOH: 817.44

Performed a pre maintenance run up on aircraft, brought engine operating temps and pressures up to within normal limits.
Performed magneto checks. Checked aircraft systems for proper function.
Motor due for compression check. Compressions Follow: #1:75, #2:70, #3:40, #4:72
Removed cylinder #3 and sent for repair to Hyfast Aerospace.
Installed cylinder #3 when return from Hyfast Aerospace
Engine cylinders borescope inspected, findings were normal at this time.
Engine oil drained and replaced with 7 qts new Aeroshell 15w50. Oil filter removed and replaced with new Tempest AA48103-2
Filter torqued to manufacturer specification and secured with lock-wire. Used filter opened for inspection, findings acceptable at this time. Suction screen removed, cleaned with ultrasonic oil bath, inspected, and reinstalled using new 1" crush gasket. Run up and leak check ok at this time.
Spark Plugs serviced and reinstalled using new M674 Gaskets and torqued to specification.
Fuel injectors removed, cleaned using ultra-sonic oil bath, inspected, and reinstalled.
Gas collator removed, cleaned, inspected, and reinstalled. New seal kit installed P/N: FS-KT-1
Magnet Timing verified at 25 degrees BTC
Motor washed.
AD 2004-10-14: Crankshaft Gear Retaining Bolt, due at propeller strike or engine overhaul
AD2015-19-07: Fuel Injector Fuel Lines and Clamps, due at next annual inspection or any time engine work is performed prior to annual inspection.
All AD's current and C/W as of this date.
Small Aircraft, Biweekly 2026-11 05/18/2026-05/31/2026
I certify this ENGINE has been inspected in accordance with an annual inspection and was in airworthy condition at this time.

Signed: Joseph B. Rambosch
Name: Joseph Rambosch

Cert: AP 3761674 IA
Date: 06/04/2026

SUB-TOTALS this page

TOTALS - Carry Forward