

N34597

The Standard
 **ENGINE LOG**

ASA-SE-2

Engine Record General Information

Manufacturer LYCOMING Model O-360-A1F6D

Serial _____ Type Certificate _____

This engine is currently installed in aircraft: CESSNA CARDINAL 177B

1973 MODEL S/N 17701892

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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FLY WITH CONFIDENCE

AIR WEST
AIRCRAFT ENGINES



REPAIR STATION # TV3R881L

MAKE LYCOMING MODEL 0-360-A1F6D
 S/N L-17521-36A DATE 9-8-00
 SMOH -0- TOTAL TIME 3246.0

Air West Aircraft Engines certifies that this engine has been disassembled, inspected, overhauled, and tested in accordance with approved procedures and all clearances and tolerances are within specified limits. Procedures and limits used are in accordance with FAA approved data. A listing of applicable airworthiness directives, factory bulletins, letters, and instructions complied with are listed in engine log book. Air West Aircraft Engines certifies the engine identified above was overhauled and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the overhaul are on file at this repair station under work order number 5677.

Signed

J. Medeiros

Co. Inspector

For: Air West Aircraft Engines
 670 Airport Boulevard
 San Carlos, CA 94070
 (415) 593-8403

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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FLY WITH CONFIDENCE

AIR WEST

AIRCRAFT ENGINES



REPAIR STATION # TV3R881L


MAKE LYCOMING DATE 9-8-00
 MODEL 0-360-A1F6D W/O 5677
 S/N L-17521-36A TIME 3246.0

Airworthiness directives and factory bulletins, letters or instructions:

- S.B. 518C BYPASS VALVE C/W
- A.D. 81-18-04R2 OIL PUMP GEARS C/W
- A.D. 90-04-06R1 OIL LINE C/W
- A.D. 91-14-22 CRANKSHAFT GEAR C/W
- A.D. 96-09-10 C/W S.B. 524B

Signed J Medeiros

Co. Inspector

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
AIR WEST AIRCRAFT ENGINES FAA APPROVED REPAIR STATION TV3R881L THE COMPONENT(S) AND/OR DISCREPANCY (IES) IDENTIFIED ON THIS WORK ORDER # ⁵⁶⁴⁴ 5677 TO ABOVE MENTIONED AIRCRAFT WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR RETURN TO SERVICE. TACH 3246.0 SIGNED  O. CAMPBELL DATE 9/8/00				① ENGINE INSTALLED IN N34597 C177 S/N 17701892. ② SERVICED W/ AEROSHELL 100 MINERAL OIL
AIR WEST AIRCRAFT ENGINES FAA APPROVED REPAIR STATION TV3R881L THE COMPONENT(S) AND/OR DISCREPANCY (IES) IDENTIFIED ON THIS WORK ORDER # 6027 TO ABOVE MENTIONED AIRCRAFT WERE REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WERE FOUND AIRWORTHY FOR RETURN TO SERVICE. TACH 3262.8 SIGNED  O. CAMPBELL DATE 11/7/00				① CHANGED OIL & FILTER - FILTER & SCREEN INSP. O.K. SERVICED W/ AEROSHELL 100 MINERAL OIL.

YEAR 2001 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/23	3300.9			ANNUAL INSP. OF THIS ENGR. PER AC 43.13 IIC APP.D GUIDE.
				ALL ENGR CONTROLS, ACCESSORIES, BASIC ENGR & MOUNTS CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION.
				OCT 2001 ANNUAL TACH. 3300.9
				Date: 10/23/01
				I certify that this Aircraft/Engine has been inspected as required by 91-407(d), IAW Part 43 for Annual/100 hour inspection and has been found airworthy.
				TTAF 3300.9 TSMOH 55 A/P IA 1426586 <i>Stanley F. Scoburn</i>

YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ENGINE MODEL:
O-360-A1F6D
ENGINE S/N: L-17521-36A
REG. NO: 34597
WORK ORDER: 8062

Air West Aircraft Engines

670 Airport Blvd.
San Carlos, CA 94070
Repair Station No. TV3R881L

DATE: 6/7/2002
TTA: 3,323.00
TTE: 3,323.00
TSMOH: 77.00
TACH: 3,323.00

Engine Entries

Pre-purchase inspection. Cut & inspected oil filter; OK. Compression as follows: 1-75, 2-78, 3-78, 4-78/80 psi. Run-up; leak & tops checked ,ok....

The component(s) and/or discrepancy (ies) identified on this work order , to the above mentioned aircraft were repaired and inspected in accordance with current Federal Air Regulations and were found airworthy for return to service.

DATE: 6/7/2002

SIGNED:



WORK ORDER: 8062

Certified Repair Station No. TV3R881L

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



North Field Aviation
Hanger L908, Oakland, California
Aircraft: N34597
Time: 3357.2

(510) 562-1762
August 15, 2002
Powerplant

1) Performed engine oil change. Drained oil, removed and replaced oil filter, and serviced engine with 8 qts. of Aeroshell 100W. Inspected oil filter, checks good.
I certify this aircraft returned to service for the work performed.

Eric J. Eide A&P 564022546



YEAR

DATE



North Field Aviation

Hanger L908, Oakland, California

Aircraft: N34597

Time: 3429.1

(510) 562-1762
December 3, 2002

ns

- 1) Drained engine oil, removed and replaced oil filter, serviced engine with Aeroshell 100W oil. Inspected oil filter no metal found. Performed leak check, checked good.
- 2) Removed, cleaned, gapped, tested, rotated, and reinstalled all spark plugs.
- 3) Performed compression check, results are: #1- 75/80 #2- 77/80 #3- 76/80, and #4- 74/80.
- 4) Performed all service items per Cessna service manual for 100 hour / annual interval.
- 5) Performed engine run-up and leak check, all checks check good.

Justin P. Louw 566870265 A&P



North Field Aviation

Hanger L908, Oakland, California

Aircraft: N34597

Time: 3429.1 SMOH:183.1 ETT: 3429.1

(510) 562-1762
December 3, 2002

I certify that this powerplant has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition.

Randy Korte A&P 534761613 IA

YEAR

DATE



North Field Aviation

Hanger L908, Oakland, California

Aircraft: N34597

Time: 3529.2

SMOH: 283.2 ETT: 3529.2

(510) 562-1762

May 28, 2003

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if
s.)

- 1) Drained engine oil, removed and replaced oil filter, serviced engine with Aeroshell 100W oil. Inspected oil filter no metal found. Performed leak check, checked good.
- 2) Removed, cleaned, gapped, tested, rotated, and reinstalled all spark plugs.
- 3) Performed compression check, results are: #1-74/80, #2- 70/80, #3- 72/80, and #4- 68/80.
- 4) Performed all service items per Cessna service manual for 100 hour / annual interval.
- 5) Re-timed both magnetos 25 deg. BTDC.
- 6) Removed and replaced #3 rocker box cover gasket (PN: 75906).
- 7) Performed engine run-up and leak check, all checks check good.

I certify that this powerplant has been inspected in accordance with a 100 hour inspection and has been determined to be in an airworthy condition.

Sergio Del Valle Llorens A&P 2573055

Oakland Aircraft Maintenance



Aircraft: N34597

Time: 3625.3

SMOH: 379.3

Date: December 24, 2003

- 1) Performed inspection and service items for annual inspection in accordance with FAR 43 appendix D.
- 2) Performed compression check results are as follows #1-72/80, #2-73/80, #3-71/80, & #4-72/80.
- 3) Performed engine oil change. Drained oil, removed and replaced oil filter, and serviced engine with 8 quarts of Aeroshell 100W.

I certify that this powerplant has been inspected in accordance with an **Annual Inspection** and has been determined to be in an airworthy condition.

Eric J. Eide A&P 564022546 IA

YEAR

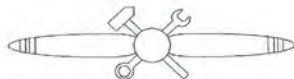
DATE

ns

Aircraft: N34597
Time: 3681.40

Oakland Aircraft Maintenance

April 29, 2004
Powerplant



1) Performed engine oil change. Drained oil, removed and replaced oil filter and serviced engine with 8 quarts of Aeroshell 100W. Performed leak check and inspected oil filter element, both check good.

I certify that the aircraft is approved for return to service, for only the work performed.

Justin P. Louw A&P 566870265

OAKLAND AIRCRAFT MAINTENANCE



Aircraft: **N34597** Time: **3723.5** SMOH: **477.5** Date: **August 19, 2004**

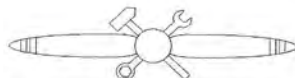
- 1) Performed inspection and service items for 100 hour inspection in accordance with FAR 43 appendix D.
- 2) Performed compression check results are as follows #1-76/80, #2-70/80, #3-74/80, & #4-72/80.
- 3) Performed engine oil change. Drained oil, removed and replaced oil filter, and serviced engine with 8 quarts of Aeroshell 100W.

I certify that this powerplant has been inspected in accordance with a
Annual Inspection
and has been determined to be in an airworthy condition.

Justin P. Louw A&P 566870265

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Aircraft: N34597
Time: 3727.70



Oakland Aircraft Maintenance

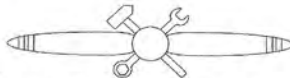
August 27, 2004
Powerplant

1) Complied with A.D. 96-12-07 see Savage Magneto Service yellow tag and work order 0335. Next compliance time is tach time 4227.7. Installed magneto P/N 10-682555-11. Performed magneto system operational checks all checks normal

I certify that the aircraft is approved for return to service, for only the work performed.

Eric J. Eide

Aircraft: N34597
Time: 3773.40



Oakland Aircraft Maintenance

November 11, 2004
Power plant

1) Performed engine oil change. Drained oil, removed and replaced oil filter and serviced engine with 8 qts of Aeroshell 100W. Performed leak check and inspected oil filter both checked good..

I certify that the aircraft is approved for return to service, for only the work performed.

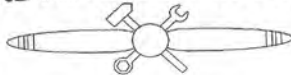
Gilbert Mata A&P 571316301

YEAR

DATE

S

OAKLAND AIRCRAFT MAINTENANCE



Aircraft: **N34597**

Time: **3822.9**

SMOH: **576.9**

Date:

February 8, 2005

- 1) Performed inspection and service items for 100 hour inspection in accordance with FAR 43 appendix D.
- 2) Performed compression check results are as follows #1-76/80, #2-77/80, #3-76/80, and #4-78/80.
- 3) Performed engine oil change. Drained oil, removed and replaced oil filter, and serviced engine with 8 quarts of Aeroshell 100W.
- 4) Retimed both magnetos to engine.

I certify that this powerplant has been inspected in accordance with a
100 Hour Inspection
 and has been determined to be in an airworthy condition.

Hernan Galvan A&P 551771144

Aircraft: **N34597**

Time: **3880.30**

Oakland Aircraft Maintenance

April 18, 2005

Powerplant



- 1) Performed engine oil change. Drained oil, removed and replaced oil filter and serviced engine with 8 quarts of Aeroshell. Performed leak check and inspected oil filter element, both check good.

I certify that the aircraft is approved for return to service, for only the work performed.

Justin P. Louw A&P 566870265

YEAR

DATE

OAKLAND AIRCRAFT MAINTENANCE



Aircraft: **N34597** Time: **3930.1** SMOH: ~~3930.1~~ **684.1** Date: **July 11, 2005**

- 1) Performed inspection and service items for 100 hour / annual inspection in accordance with FAR 43 appendix D. and the powerplant's service manual.
- 2) Performed compression check results are as follows #1-74/80, #2-70/80, #3-75/80, and #4-72/80.
- 3) Performed engine oil change. Drained oil, removed and replaced oil filter, and serviced engine with Aeroshell 100W.

I certify that this powerplant has been inspected in accordance with a
Annual Inspection
and has been determined to be in an airworthy condition.

Justin P. Louw A&P 566870265 IA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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December 19, 2005

N34597, Cessna 177B

Lyc. O-360-A1F6D S/N: L-17521-36A

Tach: 4001.8

Obbs: 1382.8

EngTSOH: 755.6

Raytheon

Authorized Service Center

Mather Aviation LLC

Hayward Executive Airport

FAA CRS No. Z4MR560Y

WO#: 606025

This is a permanent part of the **Aircraft Records** The following inspection, maintenance, repairs or replacements were accomplished.

1. Annual Inspection completed per Cessna 177 MM Sect. II.
2. Compression checked: #1 - 76, #2 - 72, #3 - 75, #4 - 71 all over 80 psi.
3. Drained oil, removed filter and inspected element - no metal noted. Installed new filter p/n: CH48103-1 and serviced with 8 quarts Aeroshell W100. Test ran and checked for leaks. None noted.
4. Replaced all rocker cover gaskets p/n: 75906 with new gaskets. Test ran and no leaks noted.

Technician(s): R. Dodge, L. Sieling

This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.

Inspector:


Kevin Kelley for CRS# Z4MR560Y

December 19, 2005

I certify that this **Engine** has been inspected in accordance with an FAR 91.409(a)(1) **ANNUAL INSPECTION**, was determined to be in an airworthy condition, and is approved for return to service.

Inspector:


Kevin Kelley for CRS# Z4MR560Y

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Log N34597


Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A

Date: October 1, 2007 Total Time Engine: 4065.6 SMOH: 819.6 Tach Time: 4065.6

Annual Inspection Completed. Comp. Check: 1) 78/80 2)78/80 3)78/80 4)78/80. Changed oil and filter, serviced engine with Aeroshell 15W-50. Replaced all intake gaskets. Replaced all rocker cover gaskets. Replaced roll pin in carburetor heat shaft arm.

For AD compliance, see AD compliance list in aircraft records.

I certify that this **engine** has been inspected in accordance with an **annual inspection** and was determined to be in **airworthy condition**, and is approved for return to service.

Authorized Signature  License No. A313053772 IA

AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310

Engine Log N34597

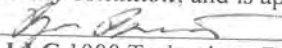
Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A

Date: 10-22-08 Total Time Engine: 4155.8 SMOH: 909.8 Tach Time: 90.2

Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 72/80 2)77/80 3)78/80 4)75/80. Changed oil and filter, Inspected filter no defects noted.. Serviced engine with Aeroshell 15W-50. Cleaned and gapped spark plugs. Replaced rocker box oil drain line hoses on all cylinder. Run up and leak satisfactory.


For AD compliance, see AD compliance list in aircraft records.


I certify that this **engine** has been inspected in accordance with an **annual inspection** and was determined to be in **airworthy condition**, and is approved for return to service.

Authorized Signature  License No. A312825CC471

AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Log N34597	
Make/Model Lycoming O-360-A1F6D	Ser. No. L-17521-36A
Date: August 10, 2009	Tach Time: 114.5
Changed oil and filter. Serviced engine with Aeroshell W100 Plus.	
Authorized Signature 	License No. <u>A&P 3053772</u>
AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310	

Engine Log N34597	
Make/Model: Lycoming O-360-A1F6D	Ser. No. L-17521-36A
Date: 11-24-09 Total Time Engine: 4182.7 SMOH: 936.7 Tach Time: 117.1	
Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 74/80 2)76/80 3)75/80 4)70/80. No oil change due to time. Replaced induction air filter. Cleaned and rotated spark plugs. Run up and leak check satisfactory.	
<i>For AD compliance, see AD compliance list in aircraft records.</i>	
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition , and is approved for return to service.	
Authorized Signature 	License No. <u>A&P 3053772 IA</u>
AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310	

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Log N34597

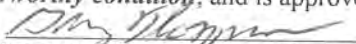
Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A

Date: 11-1-10 Total Time Engine: 4202.3 SMOH: 956.3 Tach Time: 136.1

Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 77/80 2) 78/80 3) 77/80 4) 77/80. Changed oil and filter, serviced engine with Aeroshell 15W-50 oil. Inspected oil filter for engine parts, none found. Replaced all rocker cover gaskets with FAA PMA silicon gaskets. Replaced induction air filter. Cleaned and rotated spark plugs. Run up and leak check satisfactory.

For AD compliance, see AD compliance list in aircraft records.

I certify that this **engine** has been inspected in accordance with an **annual inspection** and was determined to be in **airworthy condition**, and is approved for return to service.

Authorized Signature  License No. AEP3053772 IA

AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310

7-29-11 166.9

Replaced Alternator P/N D0FF10300JR
Dan Brown ADP 2825064.

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Log N34597

Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A

Date: 12-9-11 Total Time Engine: 4241.4 SMOH: 995.4 Tach Time: 175.2

Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 71/80 2)72/80 3)70/80 4)72/80. Changed oil and filter, serviced engine with Aeroshell 15W-50 oil. Inspected oil filter for engine parts, none found. Replaced induction air filter. Cleaned and rotated spark plugs. Replaced carburetor heat shaft, arm and bearings. Run up and leak check satisfactory.

For AD compliance, see AD compliance list in aircraft records.

I certify that this *engine* has been inspected in accordance with an *annual inspection* and was determined to be in *airworthy condition*, and is approved for return to service.

Authorized Signature  License No. AEP3053772 IA

AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310

Engine Log N34597

Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A

Date: December 11, 2012 Total Time Engine: 4273.8 SMOH: 1027.8 Tach Time: 207.6

Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 75/80 2)73/80 3)74/80 4)75/80. Changed oil and filter, serviced engine with Aeroshell 15W-50 oil. Inspected oil filter. Replaced induction air filter. Cleaned and rotated spark plugs. Replaced three spark plugs due to porcelain cracks. Re timed mag to engine.

For AD compliance, see AD compliance list in aircraft records.

I certify that this *engine* has been inspected in accordance with an *annual inspection* and was determined to be in *airworthy condition*, and is approved for return to service.

Authorized Signature  License No. AEP3053772 IA

AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine Log N34597 Make/Model: Lycoming O-360-A1F6D Ser. No. L-17521-36A Date: March 3, 2014 Total Time Engine: 4301.0 SMOR: 1055.0 Tach Time: 234.8			
Annual Inspection Completed. IAW FAR 43 Appendix (d). Comp. Check: 1) 78/80 2)76/80 3)74/80 4)68/80. Changed oil and filter, serviced engine with Aeroshell 15W-50 oil. Inspected oil filter. Replaced induction air filter. Cleaned and rotated spark plugs.			
<i>For AD compliance, see AD compliance list in aircraft records.</i>			
I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition , and is approved for return to service.			
Authorized Signature <u><i>May Hemm</i></u> License No. <u><i>AEP3053772 IA</i></u>			
AERO RESOURCES, LLC 1000 Technology Dr., Ste. C, Columbia, CA 95310			

6-24
2014

238.3

Replaced two spark plugs
with new RHM385 plugs.
Complied with S.I. 1425A.

May Hemm AEP 3053772

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>7/14/2016 N34597 TACH: 270.4</p> <p>CHANGED OIL & FILTER, SERVICED WITH AEROSHELL 100W. WASHED & RAN ENGINE NO LEAKS DETECTED.</p> <p><i>Dean Christensen</i> AP3460321</p>

N34597

ENGINE: 0360-A1F6D SERIAL # L-17521-36A

7/13/2016

AIRCRAFT TACH: 270.4

ENGINE TOTAL: 4336.6

ENGINE TIME SINCE OVERHAUL: 1090.6

1. COMPRESSIONS: #1)77, #2)76, #3)74, #4)77.
2. CHANGED OIL AND FILTER. CLEANED OIL SUCTION SCREEN. SERVICED WITH AEROSHELL 100 "PLUS".
3. **MAGNETO TIMING** - CHECKED MAG INTERNAL TIMING O.K. AND MAGNETO TIMING TO ENGINE WITHIN SPEC.
4. **SPARK PLUGS** - CLEANED AND GAPPED.
5. **ENGINE IDLE MIXTURE** - ADJUSTED IDLE MIXTURE AND SPEED.
6. **OIL CHANGED** - SERVICED WITH "AEROSHELL 100 PLUS" OIL. OLD FILTER INSPECTED NO CONTAMINATES DETECTED.
7. **CARBURETOR FUEL SCREEN** - INSPECTED/CLEANED.
8. WASHED AND RAN ENGINE, NO LEAKS DETECTED.

WORK DONE I.A.W. CESSNA SERVICE MANUAL AND AC 43.13-1B.

DEAN CHRISTENSEN AP3460321

Dean Christensen

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<u>N34597</u>
				3/2/2017 AIRCRAFT TACH: 293.2
				1. CHANGED OIL AND FILTER, SERVICED WITH AEROSHELL 100 "PLUS" OIL. WASHED & RAN ENGINE NO LEAKS DETECTED.
				2. SERVICED ALL TIRES WITH AIR
				 DEAN CHRISTENSEN AP3460321

N34597

ENGINE: 0360-A1F6D SERIAL # L-17521-36A

8/4/2017

AIRCRAFT TACH: 308.6

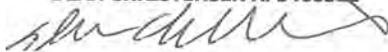
ENGINE TOTAL: 4374.8

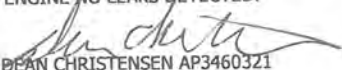
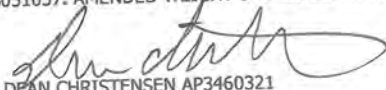
ENGINE TIME SINCE OVERHAUL: 1128.8

1. COMPRESSIONS: #1)76, #2)77, #3)74, #4)77.
2. CHANGED OIL AND FILTER. CLEANED OIL SUCTION SCREEN. SERVICED WITH AEROSHELL 100 "PLUS".
3. **MAGNETO TIMING** - CHECKED MAG INTERNAL TIMING O.K. AND MAGNETO TIMING TO ENGINE WITHIN SPEC.
4. **SPARK PLUGS** - CLEANED AND GAPPED.
5. **OIL CHANGED** - SERVICED WITH "AEROSHELL 100 PLUS" OIL. OLD FILTER INSPECTED NO CONTAMINATES DETECTED.
6. **CARBURETOR FUEL SCREEN** - INSPECTED/CLEANED.
7. WASHED AND RAN ENGINE, NO LEAKS DETECTED.

WORK DONE I.A.W. CESSNA SERVICE MANUAL AND AC 43.13-1B.

DEAN CHRISTENSEN AP3460321



YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<u>N34597</u> 3/28/2018 AIRCRAFT TACH: 324.3 1. CHANGED OIL AND FILTER, SERVICED WITH AEROSHELL 100 "PLUS" OIL. WASHED & RAN ENGINE NO LEAKS DETECTED.  DEAN CHRISTENSEN AP3460321
				<u>N34597</u> ENGINE: 0360-A1F6D SERIAL # L-17521-36A 7/20/2018 AIRCRAFT TACH: 331.9 .REMOVED PRESTOLYTE STARTER AND INSTALLED FAA/PMA'D ^{HARTZELL} SMITEC STARTER PART# 149NLSERIAL# H-S051057. AMENDED WEIGHT & BALANCE DATA.  DEAN CHRISTENSEN AP3460321

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/9/2020	Tach 375.7			Removed top Spark Plugs, Performed Compression check (1)78 2)78 3)76 4)78 180. Reinstalled and torqued Spark Plugs. Removed oil filter cut open, no contaminants found installed new CH48103-1 oil Filter.

N34597

ENGINE: 0360-A1F6D SERIAL # L-17521-36A

10/22/2020

AIRCRAFT TACH: 333.70

ENGINE TOTAL: 4442.4

ENGINE TIME SINCE OVERHAUL: 1196.4

1. COMPRESSIONS: #1)76, #2)75, #3)72, #4)77.
2. **MAGNETO TIMING** - CHECKED MAG INTERNAL TIMING O.K. AND
MAGNETO TIMING TO ENGINE WITHIN SPEC.
3. **SPARK PLUGS** - CLEANED AND GAPPED.
4. OIL FILTER INSPECTED NO CONTAMINATES DETECTED.
5. **CARBURETOR FUEL SCREEN** - INSPECTED/CLEANED.
6. RAN ENGINE, NO LEAKS DETECTED.
7. ADJUSTED IDLE MIXTURE AND SPEED.

WORK DONE I.A.W. CESSNA SERVICE MANUAL AND AC 43.13-1B.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE
WITH A 100 HR/ANNUAL INSPECTION AND WAS FOUND TO BE IN AN
AIRWORTHY CONDITION I.A.W. FAR 43 APPENDIX "D".


DEAN CHRISTENSEN AP 3460321 IA

ADP3138817-IA



YEAR 2020 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/23	387.0			OIL CHANGE - 7 QUARTS AERO SHELL LEFT FILTER ON
11/25/21	16335 1974.8			A02-74 A04-76 A03-76 A0-479 COMPRESSION TEST RE-FITTED LOWER PLASTIC PANEL

01/28/2021 HOBBS 1974.8 Lycoming O-360-A1F6D

Replaced all oil and fuel hoses with new. Changed oil and filter, serviced with
Aeroshell 15/50. Cut old filter and found no contaminants.

Roger A. Burnham



A&P 3909963

8/28/21	2020.0			OIL & FILTER 20-50 PIA 445 7 QUARTS
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 11/1/2021 Engine o360-A1F6D Tach: SMOH:

Performed Annual inspection IAW FAR 43 Appendix D.

Cylinder Compressions- #1- 70/80 #2- 72/80 #3 70/80 #4-74/80

Replaced Air filter with new BA5705

Tightened rocker drain clamps.

All AD's Checked Thru T-DATA

I certify that this Engine has been inspected IAW an Annual Inspection

And determined to be in airworthy condition.

Signature



Brennan Hawkins A&P 3635390 IA

5/11/22 2059 TACH

oil filter 20-50 MILLS
7 QUARTS

2/1/2023

N34597

TACH: 4483.0

LYCOMING O-360-A1F6D

S/N: L-17521-36A

HOBBS 2057.7

YE/

DATE

Compressions: #1 74/80 #2 73/80 #3 75/80 #4 76/80.

Checked mag to engine timing. Cleaned, inspected, gapped, tested and rotated sparkplugs. Inspected and lubed through exhaust and engine controls. Inspected and cleaned carburetor inlet screen. Drained carburetor float bowl. Washed engine. Ground run for operational check and leak check OK. See AD log for compliance. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

James D. Deranleau

A&P 3417771

9/5/23 2088.1

HOBBS

OK - 1 HOUR

20.50 POUNDS
7 QUARTS

Leak down

09/26/2023 N34597 HOBBS 2088.1 TACH 4491.7 CESSNA 177B
LYCOMING O-360-A1F6D S/N L-17521-36A

Removed all 4 cylinders. Removed valves and cleaned and reground faces. Reground valve seats on all cylinders. Cleaned, inspected and re-crosshatched cylinders. Reinstalled valves and springs. Cleaned pistons and installed new rings SC3601-SC. Reinstalled all cylinders using new gasket and seals. Replaced all intake hoses with new. Replaced all oil return line hoses with new. Reinstalled exhaust and baffling as needed. Serviced engine oil with Aeroshell 100 mineral oil. Test ran engine to check for leaks and proper operations and found ok.

Roger A. Burnham

A&P 3909963

YEAR

RECORDING

TOTAL

TOTAL

Description of Inspections, Tests, Repairs and Alterations

DATE


WESTJET
 AIR CENTER INC.

 4190 WestJet Dr.
 Rapid City, SD 57703
 (605) 393-2500

 (Indicate Number of
 specific entries.)

N #	Make	Model	S/N	Tach	Date
34597	LYC	O-360-A1F6D	L-17521-36A	4549.7	6-10-25

TSMO: 1303.7

C/W Engine 100hr. / annual inspection IAW Cessna 177B checklist and Lycoming M/M. Inspected Intake, cylinder bases, oil sump, and ignition harness. Inspected and lubed engine controls. Compressions are as follows, #1/74/80 #2/76/80 #3/75/80 #4/74/80. Cleaned, inspected, c/w ops check, and rotated spark plugs. Drained engine oil and serviced with 7 Qts. of Phillips XC 20W-50 and 1 ea. AA48103-2 oil filter, cut open old filter with no contaminants found. Performed ground run with no leaks or defects. All AD's are up to date at this time. I certify that this engine has been inspected IAW an annual / 100 Hr. inspection checklist and the manufacturer's MM's and has been found to be in airworthy condition.

William Haga

A&P 3727243 IA

9/29/25

HARRIS

2212.1

 OIL & FILTER
 PHILLIPS XC 20W-50
 7 QUARTS

YELLOW
TAGS

SAVAGE MAGNETO SERVICE

2415 Radley Ct. #7 Hayward, CA 94544
Phone (510) 782-7081

FAA Approved Repair Station #VN2R246L

W.O. No. 0335 Ser. No. F050004GR Type D41A1-3000

Part Name MAGNETO P/N 10-682555-11

Remarks REPAIRED & TESTED BY FORM X42003.

AD 96-12-07 58645, 58639. NO CAPACITORS TO TEST. RESET CONTACT CLEARANCE & E-GAP.

Mechanic AWOY Inspector AL Marelli

Date 8-27-04

SERVICEABLE

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order.

No. 0335 Date 8-27-04

Signed A. Marucci
Signature of authorized individual

For SAVAGE MAGNETO SERVICE
FAA Approved Repair Station #VN2R246L
2415 Radley Ct. #7
Hayward, CA 94544 (510) 782-7081

SERVICEABLE

Part MZ 4218
Serial No. 6J000033
Bore STARTER 9/4.-
Remarks _____

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service. Pertinent details of this repair are on file at this agency under:

Date AUG 23.2000
Work Order No. 5677 for _____
Fullerton
(INSPECTOR'S SIGNATURE)



SAN CARLOS AIRPORT
670 AIRPORT BLVD.
SAN CARLOS, CA. 94070
FAA APPROVED REPAIR STATION TV3R881L

LIMITED MAINTENANCE RELEASE

Make and Model Ford Alternator
Customer Kelch Avics
Part # 10FF103007
Serial # 3508

The Aircraft Component identified above was repaired and inspected in accordance with Current Regulations of the Federal Aviation Administration. Only work detailed on the work order listed below is approved for return to service.

WARNING: Further inspection and repair may be necessary. To return this component to serviceable condition. Pertinent details of this repair are on file at this repair station under

Work Order # 5677
Date Sep 5 2000
Signed T. Madaris



SAN CARLOS AIRPORT

670 AIRPORT BLVD.

SAN CARLOS, CA. 94070

FAA APPROVED REPAIR STATION TV3R881L

PHONE (415) 593-8403

The Gyro House

Turn coordinator

Serial No. 6457
Type 1394T100-3(SP)
Part No.
Work Order 30803

TGH

Preliminary Inspection—

Inspector

repairable

EMERY C. OXLEY JR.

Hidden Damage Inspection

Inspector

dirty

EMERY C. OXLEY JR.

Position Error:

Friction:

Lighting:

Insulation Resistance:

Room Temperature:

Vibration:

Remarks: cleaned & adjusted

O/A

JUN 24 1980

JUN 20 1980

Repaired by

Inspector

Date

[Signature]

[Signature]

**OVERHAUL IN ACCORDANCE WITH
APPLICABLE TECH. ORDERS**

INSPECT THE FOLLOWING PARTS FOR WEAR OR DAMAGE	Checked By	Inspected By
1 All Parts Cleaned.....	MRE	
2 Bearings.....	MRE	
3 Pivots.....	MRE	
4 Alignment.....	MRE	
5 Threads.....	MRE	
6 Sub-Inspection.....		EMERY C. OXLEY JR.
7 Re-Assemble.....	MRE	
8 Dial Refinish.....	MRE	
9 Pointer Refinish.....	MRE	
10 Case Inside.....	MRE	
11 Assembly Inspection.....		EMERY C. OXLEY JR.
12 Final Paint.....	MRE	

1. **UNITED STATES**

2. **FAA FORM 8130-3**
AIRWORTHINESS APPROVAL TAG
 U.S. Department of Transportation
 Federal Aviation Administration

3. System Tracking Ref. No. 082400 - 072215

4. Organization
PRECISION AIRMOTIVE CORPORATION
14800 40TH AVE NE
MARRYSVILLE, WASHINGTON 98271

5. Work Order, Contract, or Invoice Number
D/S# 621592

6. Item 1	7. Description CARB ASSY MA-4-5	8. Part Number 10-5034	9. Eligibility* "Various" "to be verified by installer"	10. Quantity 1 ea	11. Serial/ Batch Number 75107205	12. Status/Work "NEW"
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13. Remarks*
CONSULT APPROPRIATE PRECISION MANUAL FOR ELIGIBILITY OF PARTS INSTALLATION.
COMPLETE DETAILS HELD ON FILE W/O 751072
PRESERVED FOR SHORT TERM STORAGE.
"THIS IS NOT AN EXPORT APPROVAL"


Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.

14. New
 Newly Overhauled

19. **Return to Service in Accordance with FAR 43.9**

Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.

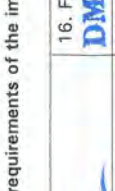
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.

20. Authorized Signature:

PAUL R. KALLGREN

21. Certificate Number

22. Name (Typed or Printed)
PAUL R. KALLGREN

23. Date:
08-24-00

15. Signature

PAUL R. KALLGREN

16. FAA Authorization No.
DMIR 635880NM

17. Name (Type of Printed)
PAUL R. KALLGREN

18. Date
08-24-00

FAA Form 8130-3 (11-93)

FAA Form 8130-3
Airworthiness Approval Tag
 User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.