

AVIAT AIRCRAFT INC.
HUSKY A-1C-200
S/N 3116

ENGINE LOG
EL-13P

4/16/10

652 Oliver Street

Williamsport, PA 17701 U.S.A.

Engine Model No: **IO-360-A1D6**Engine SN: **L-35160-51E**

Page 1 of 2

AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2004-10-14 475	C	CRANKSHAFT GEAR MODIFICATION AND ASSY PROCEDURES NEW P/N INSTALLED	N/A	X		1	3
2005-19-11 566		Crankshaft replacement Replace Crankshaft	N/A	X		1	3
2008-14-07 342	E	FUEL LINE AND SUPPORT CLAMP INSPECTION & INSTALL. NEW LINES INST. WITH NEW CLAMP	100 HOURS		X	1	3
2009-02-03 581		Inspection of Precision Airmotive Hex Plug in regulator cover New improved gasket P/N 2577258 installed	N/A	X		1	3
64-16-05 298	Inactive	AC FUEL PUMP OIL SEAL NEW CONF. FUEL PUMP INSTALLED	N/A	X		1	3
71-05-02 327	C	INSPECTION OF CENTER MAIN BEARING NEW INSTALLED	N/A	X		1	3
71-11-02 328		REPLACEMENT OF EXH & INT HYD TAPPET PLUNGERS NEW P/N HYD TAPPETS INSTALLED	N/A	X		1	3
73-23-01 367	F	INSP FOR CRACKS IN PISTON PINS INST NEW PARTS	N/A	X		1	3
94-01-03 N/A	R2	DEFECTIVE IGN COILS AND ROTATING MAGNETS NEW CONFIGURATION PART INST.	N/A	X		1	3
94-06-09 517		INCOMPLETE INTERNAL GROUNDING ON MAG CAPACITORS NEW CONF. CAPACITORS INSTALLED	N/A	X		1	3
95-07-01 N/A		CONNECTING ROD BOLT FAILURE LYCOMING PART INSTALLED	N/A	X		1	3
95-26-02 398		ENGINES OPERATED WITH LOW OCTANE FUEL ENGINE IS NEW OR HAS BEEN REBUILT AT MANUFACTURER	N/A	X		1	3
96-09-10 524		REPLACEMENT OF OIL PUMP IMPELLERS STEEL IMPELLERS INSTALLED	N/A	X		1	3
96-23-03 525	A	HIGH PRESSURE FUEL PUMP INSTALLED LW-15473 NEWLY MANUFACTURED PUMPS INST.	N/A	X		1	3
97-15-11 527	C	RECALL OF PISTON PIN P/N LW-14077 NEW CONFIGURATION P/N INST.	N/A	X		1	3
98-02-08 530	B	INSPECTION OF CRANKSHAFT ID FOR CORROSION MAG INSP./APPLY URETHABOND 104	N/A	X		1	3
2002-12-07 543	B	OIL FILTER CONVERTER PLATE GASKET REPLACEMENT NEW P/N CONVERTER PLATE INSTALLED	N/A	X		2	

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable



4/16/10

652 Oliver Street Williamsport, PA 17701 U.S.A.

Engine Model No: **IO-360-A1D6**Engine SN: **L-35160-51E**

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AD NO. / SB	RV RV	Description / Method of Compliance	Next Due	Once	Rec	Code	Sign
2003-14-03 529	B	ROTARY FUEL PUMP TORQUE. NEW PUMP WITH "M" SUFFIX INSTALLED	N/A		X	2	
2006-06-16 566 Sup 1		Replace crankshaft Crankshaft replaced	N/A		X	2	
2006-20-09 569	A	CRANKSHAFT REPLACEMENT REPLACE CRANKSHAFT	N/A		X	2	
66-06-03 302	A	REPLACEMENT OF CONNECTING ROD ASSY. NEW ROD CONFIGURATION	N/A		X	2	
66-20-04 307		OIL FILTER ADAPTER GASKET NEW CONF. GASKET INSTALLED	N/A		X	2	
67-22-06 305	4 B	REPLACEMENT OF BENDIX FUEL DIAPHRAGM ASSY NEW OR NEWLY O/H INSTALLED	N/A		X	2	
75-09-15 382		BENDIX FUEL INJ RS-43 INSP OF MOD OF FLOW DIVIDERS NEW P/N GASKET INSTALLED	N/A		X	2	
78-23-10 428		BENDIX FUEL INJ. BULLETIN RS-42 NEW P/N INSTALLED	N/A		X	2	
79-04-05 433	A	BENDIX FUEL INJ. BULLETIN RS-57 NEW P/N INSTALLED	N/A		X	2	
87-10-06 477	R1 A	INSPECTION AND REWORK OF LW-18790 ROCKER ARM ASSY NEW CONFIGURATION P/N INST.	N/A		X	2	
90-04-06 488	R1 A	PROPELLER GOVERNOR LINE SUPPORT NEW LINE W/STEEL CON. NUTS INS	N/A		X	2	
92-12-05 501	B	LW-14077 PISTON PIN NEW PARTS INSTALLED	N/A		X	2	
93-14-15 N/A		INST OF PLCKRD DENOTING OPER. NOT TO EXCEED 33.#HG FIELD COMPLIANCE AFTER STC	N/A		X	2	
98-17-11 N/A		CRANKSHAFT REPAIRED BY NELSON BALANCING SERVICE MAG/PARTICLE INSP OF C/SHAFT	N/A		X	2	

Codes:

- 1 AD Applicable to Engine
- 2 AD Not Applicable to Engine
- 3 Field Compliance where applicable



CORD

INSPECTION & MAINTENANCE RECORD

SIGNATURE
DATE NO.

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

12-16-10

0.0

Added 10 quarts of Aeroshell 11 80 mineral oil.
Ken C. Allen for Aviat Aircraft INC.

1-3-2011

2.89

Flight test time.
Ken C. Allen for Aviat Aircraft INC.

3-25-2011

38.70

Removed & Replaced prop Governor
 with new test Leak checked
 good

John D. Kinman 526715899
 ACP

Aviat Husky A-1C N66WY s.n.3116 Jun 6, 2011 Total time 57.05

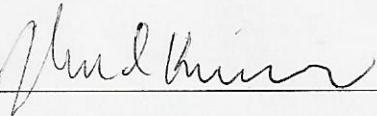
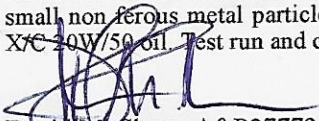
Removed and replaced the following with new: l/h aileron l/h wing tip, r/h aileron,
 r/h wing tip, r/h flap, tail wheel assy., r/h gear cover. Recovered r/h wing see 337 this date.
 Installed wing using new hardware and fuel hoses. Changed oil and filter serviced with 8 qts
 Phillips 20W50 oil. All work performed by Aviat Aircraft Afton WY.

John D. Kinman

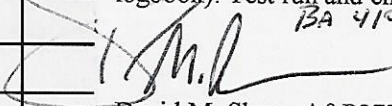
John D. Kinman

IA 526715899

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		<p>Aviat Husky A-1C N66WY s.n. 3116 Dec. 14, 2011 Total time 96.1. Lycoming Model O-360-A1P TT 96.1Hrs.</p> <p>Aviat Aircraft Inc. Afton Wyoming Factory Service Dept.</p> <p>Completed inspection and service using Lycoming checklist. Compression 1-[79/80] 2-[78/80] 3-[78/80] 4-[79/80]. Cleaned and tested plugs. Checked Mag timing. Changed oil and filter serviced with 8qts. Phillips 20w50. Replaced ba-4108 filter element. Ran engine, no leaks. "I certify that this engine has been inspected in accordance with an annual/100 hour inspection as per FAR 43 Appendix D and was found to be in an airworthy condition"</p> <p>John D. Kinman  IA 526715899</p>
		<p>Aviat Husky A-1C N66WY s/n 3116 Jul 27, 2012 Total time 145.1 hrs Lycoming O-360-A1P s/n L-35160-51E Total Time 145.1 hrs</p> <p>Removed oil and filter. Cut filter and check for contamination. Very few small ferrous particles and some small non ferrous metal particles found. Install new Tempest AA48108-2 filter and added 7 qts. Phillips XTC 20W/50 oil. Test run and check for leaks. Return to service.</p> <p> David M. Shaw A&P2777348</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-15-2013		Aviat Husky A-1C-200 N66WY s/n 3116 Jan 15, 2013 Tach Time 176.7 hrs Lycoming IO-360-A1D6 s/n L-35160-51E Total Time 176.7 hrs Inspected engine and mount IAW FAR 43 Appendix D, para. (d) and Aviat Aircraft Maintenance Manual 100 Hr Inspection List. Compression test results: #1 77/80, #2 74/80, #3 76/80, #4 74/80. Removed oil and filter. Cut filter and check for contamination. Few very small ferrous and non-ferrous particles found. Install new Tempest AA48108-2 filter and added 7 1/2 qts Phillips X/C 20W50 oil. Cleaned, adjust gaps gaps, and rotated spark plugs. Adjust mag timing to engine to 20 BTC. Inspected exhaust system for leaks. Checked AD's thru release 2013-01. C/W AD 2008-14-07 Fuel Injection Lines inspection IAW Lycoming MSB 342F. (See AD lists thru pg 5 of this logbook). Test run and checked for leaks. Return to service. <i>Installed new Brackett BA 4108 filter element.</i>  David M. Shaw A&P2777348

09/09/13

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 217.15

ETT: 217.15

AC M/N: A-1C-200

S/N: 3116

1. Drained oil and serviced with 7 Qts. of Aeroshell 15W50.
2. Inspected oil filter for contaminants, none found.
3. Installed new oil filter, P/N AA48108-2.
4. Adjusted idle RPM and idle mixture settings.
5. Replaced bolt on throttle control end.
6. Replaced #2 intake gasket.
7. Performed engine run-up and leak check OK

John R. Douglas A&P 2885897 IA



INSPECTION & MAINTENANCE RECORD

03/04/14

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 272.91

ETT: 272.91

AC M/N: A-1C-200

S/N: 3116

1. C/W AD 2008-14-07, by inspection of fuel injection lines IAW SB342F, no defects noted, due each 100 hours, due again at 372.91 ETT
2. Drained oil and serviced with 8 Qts. of Aeroshell 15W50.
3. Inspected oil filter for contaminants, none found.
4. Installed new oil filter, P/N AA48108-2.
5. Cleaned, gapped, tested, and rotated spark plugs.
6. Installed Reiff engine heater on oil pan.
7. Replaced intake gaskets and O-rings on all cylinders.
8. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA

John R. Douglas

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INSPECTION & MAINTENANCE RECORD

DATE

DATE: 06-03-2014, LYCOMING: IO-360-A1D6, S/N: L-35160-51E, TT: 282.0
TACH TIME: 282.0 TIMES TO BE ENTERED BY AVIAT AIRCRAFT.

Disassemble engine for inspection. The crankshaft, crankshaft gear and internal steel parts were inspected by Rick Romans, Inc. The crankcase was inspected by Crankcase Services, Inc. The crankshaft was inspected, mains and rods are standard size.. Complied with AD 2004-10-14 and SB 475C. The camshaft, rods and internal steel parts were inspected by magnaflux, lifter bodies and hydraulic units replaced. Rods were checked for alignment. The engine was reassembled IAW Lycoming Overhaul Manual utilizing the following new parts.

4ea. SL16711A bearing

8ea. SL13212A bearing

2ea. SL13884A bearing

1ea. 75441-1 gasket set

8ea. SL75060 rod bolt

8 ea. SL12186 rod bolt nut

8 ea. LRT23381 Lycoming Roller Tappets.

1ea. AA48108-2 filter

1 ea. STD-2168 nut

8 ea. SL78290 hydraulic units

1ea. SL-STD-2213 bolt

3ea. LW31H-0.88 bolt

5ea. STD-1339 plug

1ea. 4370-E magneto

1ea. 4373-E magneto

1ea. AN565B1032H5 screw

4ea. STD-1821 hose

5ea. 1102 plug

1 ea. SL11997 seal

Records are on file at Lawson Aero, LLC Afton, WY under W.O. # 14994L3516051E.
James W. Lawson, Jr. A&P, IA 3034108.

James W. Lawson, Jr.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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Aviat Aircraft Inc. A-1C-200 N66WY S/N 3116 TT282.0 12/06/2014

Reinstalled engine after prop strike inspection by Lawson Aero. Inspected engine in accordance with an annual inspection. Test runs and test flight checked ok. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Dale L Smith



IA3689540

08/17/15

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 314.9

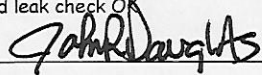
ETT: 314.9

AC M/N: A-1C-200

S/N: 3116

1. Drained oil and serviced with 7 Qts. of Aeroshell 15W50.
2. Inspected oil filter for contaminants, none found.
3. Installed new oil filter, P/N AA48108-2.
4. Performed engine run-up and leak check OK

John R. Douglas A&P 2885897



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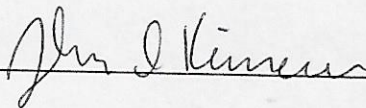
INSPECTION & MAINTENANCE RECORD

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

Aviat Aircraft Inc. A-1C-200 N66WY S/N 3116 TT 340.72 12/18/2015

Inspected engine in accordance with an annual inspection. AD's researched thru 2016-1. Drained oil and removed oil filter. Serviced with 8 qts aeroshell 15-50 oil and Champion CH48108-1 oil filter. Cleaned, inspected and rotated spark plugs. Cleaned all fuel injectors. Performed compression check-1) 76/80, 2) 78/80, 3) 77/80, 4), 78/80. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John Kinman



IA526715899

10/28/2016

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 383.5

ETT: 383.5

AC M/N: A-1C-200

S/N: 3116

DA

1. Drained oil and serviced with 8 Qts. of Aeroshell 15W50.
2. Inspected oil filter for contaminants, none found, installed new oil filter, P/N AA48108-2.
3. Checked Compressions #1 76/80, #2 74/80, #3 76/80, #4 74/80.
4. Cleaned, gapped, tested and rotated spark plugs.
5. Adjusted magneto to engine timing to 20 Deg. BTC.
6. Replaced Brackett air filter element P/N: BA-4108.
7. Replaced #2 intake gasket.
8. Performed engine run-up and leak check OK.

John R. Douglas A&P 2885897



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02/14/17

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 387.12

ETT: 387.12

AC M/N: A-1C-200

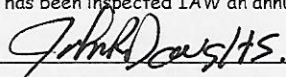
S/N: 3116

Performed annual inspection IAW FAR 43.

1. C/W AD 2008-14-07, by inspection of fuel injection lines IAW SB342F, no defects noted, due each 100 hours, due again at ~~487.1372-91~~ ETT.
2. Checked compressions #1 76/80, #2 75/80, #3 76/80, #4 75/80.
3. Cleaned, gapped, tested, and rotated spark plugs.
4. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA



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INSPECTION & MAINTENANCE RECORD

10/24/17

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 415.36

ETT: 415.36

AC M/N: A-1C-200

S/N: 3116

1. Drained oil and serviced with 8 Qts. of Aeroshell 15W50.
2. Inspected oil filter for contaminants, none found.
3. Installed new oil filter, P/N AA48108-2.
4. Cleaned, gapped, tested, and rotated spark plugs
5. Checked compressions #1 75/80, #2 75/80, #3 72/80, #4 72/80.
6. Replaced inlet air filter P/N: BA4108
7. Took oil sample.
8. Checked magneto timing.
9. Performed engine run-up and leak check OK.

John R. Douglas A&P 2885897



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03/28/18

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 423.51

ETT: 423.51

AC M/N: A-1C-200

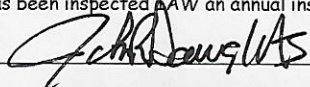
S/N: 3116

Performed annual inspection IAW FAR 43.

1. AD 2017-16-11, N/A by no connecting rod, or rod bushings have been replaced IAW MSB 632B Table 2, and Engine is not listed in MSB 632A table 1.
2. C/W AD 2008-14-07, by inspection of fuel injection lines IAW SB342F, no defects noted, due each 100 hours, due again at 523.51 ETT.
3. Checked compressions #1 77/80, #2 72/80, #3 74/80, #4 76/80.
4. Cleaned, gapped, tested, and rotated spark plugs.
5. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA



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INSPECTION & MAINTENANCE RECORD



AVIAT
AIRCRAFT, INC

Phillips

672 South Washington Street, Afton, WY 83110

Reg. Number: N66WY S/N: 3116 Tach Time: 431.77 Date: 09 September 2019

Model: A-1C-200

Completed a 100-hour inspection referencing Aviat Aircraft Inc. Instructions for Continued Airworthiness and FAA FAR 43 Appendix "D". Drained oil and removed the oil filter. Installed a new Champion Ch48108-1 oil filter P/N 61164 and added 8 qts of Aeroshell 15W50 oil. Performed cylinder compression test with the following results. #1) 68/80, #2) 64/80, #3) 66/80, #4) 70/80. Removed, cleaned, gapped and rotated spark plugs.

Checked magneto to engine timing.

Complied with AD 2008-14-07 by visual inspection.

I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in an AIRWORTHY condition.

Calvin Cannon AP2863589IA

Signature: *Calvin Cannon*

10/16/19

REG #: N66WY

M/N: IO-360-A1D6

S/N: L-35160-51E

Tach: 433.2

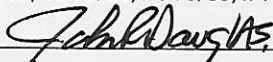
ETT: 433.2

ACTT: 433.2

DA

1. Checked compressions #1 76/80, #2 72/80, #3 75/80, #4 75/80.

John R. Douglas A&P 2885897



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05/01/2020

M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

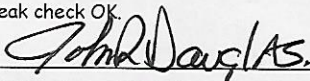
Tach: 461.28

ETT: 461.28

ACTT: 461.28

1. Drained oil and serviced with 8 Qts. of Aeroshell 15W50. Inspected oil filter for contaminants, none found. Installed new oil filter, P/N AA48108-2.
2. Cleaned, gapped, tested, and rotated spark plugs
3. Checked compressions #1 75/80, #2 66/80, #3 74/80, #4 72/80.
4. Replaced inlet air filter P/N: BA4108
5. Performed engine run-up and leak check OK.

John R. Douglas A&P 2885897



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12/07/2020

M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

Tach: 476.4

ETT: 476.4

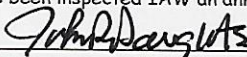
ACTT: 476.4

Performed annual inspection IAW FAR 43.

1. C/W AD 2015-19-07, by inspection of fuel injection lines IAW Par (e), no defects noted, due each 110 hours, due again at 476.4 ETT.
2. Drained oil and serviced with 7 Qts Aeroshell 15W50 and took oil sample.
3. Inspected oil filter for contaminants none found. Installed new oil filter AA48108-2.
4. Checked compressions #1 77/80, #2 78/80, #3 78/80, #4 77/80.
5. Cleaned, gapped, tested, and rotated spark plugs.
6. Removed magnetos and sent to Aircraft Magneto Service for 500 Hr. inspection, reinstalled with new gaskets and timed to engine.
7. Performed engine run up and leak check OK.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA



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01/27/2022

M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

Tach: 503.92

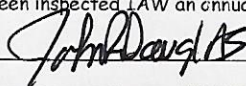
ETT: 503.92

ACTT: 503.92

Performed annual inspection IAW FAR 43.

1. C/W AD 2015-19-07, by inspection of fuel injection lines IAW Par (e), no defects noted, due each 110 hours, due again at 613.92 ETT.
2. Checked compressions #1 79/80, #2 77/80, #3 79/80, #4 79/80.
3. Cleaned, gapped, tested, and rotated spark plugs.
4. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA 

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02/15/2023

M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

Tach: 526.23

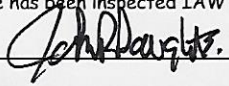
ETT: 526.23

ACTT: 526.23

Performed annual inspection IAW FAR 43.

1. C/W AD 2015-19-07, by inspection of fuel injection lines IAW Par (e), no defects noted, due each 110 hours, due again at 636.23 ETT.
2. Checked compressions #1 79/80, #2 77/80, #3 79/80, #4 79/80.
3. Cleaned, gapped, tested, and rotated spark plugs.
4. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA 

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08/17/22

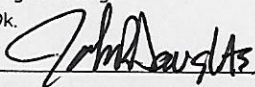
M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

1. Cleaned gapped tested spark plugs.
2. Removed LH magneto checked and adjusted internal timing, reinstalled with new gaskets, and timed to engine
3. Adjusted RH magneto to engine timing.
4. Run up and Ops checked Ok.

John R. Douglas A&P 2885897



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01/24/2024

M/N: IO-360-A1D6

S/N: L-35160-51E

Reg. #: N66WY

Tach: 545.6

ETT: 545.6

ACTT: 545.6

Performed annual inspection IAW FAR 43.

1. C/W AD 2015-19-07, by inspection of fuel injection lines IAW Par (e), no defects noted, due each 110 hours, due again at 655.6 ETT.
2. Drained oil and serviced with 7 Qts Aeroshell 15W50, installed new AA48108-2 filter, inspected old filter Ok.
3. Checked compressions #1 78/80, #2 78/80, #3 78/80, #4 79/80.
4. Cleaned, gapped, tested, and rotated spark plugs.
5. Performed engine run up and leak check Ok.

I certify that at this time this Engine has been inspected IAW an annual inspection and was determined to be in airworthy condition.

John R. Douglas A&P 2885897 IA



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