

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL O-360-A4M
SERIAL L-27444-36A TYPE CERTIFICATE _____
THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT ~~N135653~~ N19366 C-150
MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____
MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____
SPARK PLUG GAP _____
MFG. RECOMMENDED OVERHAUL AT _____ HOURS.



The Standard

ENGINE LOG

AUTHOR:
NUMBER: 01
INC. (N71000)

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.)

~~5577~~ 743097 Engine Removed For Overhaul due to time. NO PAMMOR
Per ~~83556~~ 4869.0 to Aircraft or Engine Required This Engine
ENGINE IT 8318

00.00 SMOH

This engine O-360-A4M serial number L-27444-36A
has been overhauled per manufacturers approved data,
but has not been functionally tested and must be test
run per Lycoming SI1427B before return to service.
Engine overhauled only no accessories overhauled or
installed. See AD Compliance sheet. Other pertinent data
on file at:

PERFORMANCE AERO ENGINES, INC.

RS#P6ER333N

Date: 05/02/97

Work Order #2190

SIGNED

ALL WORK ALTERATIONS
CERTIFICATE NUMBER OR
OTHER SPECIFIC ENTRIES

SEE AIR

WORK ORDER

WORK ORDER

WORK ORDER

WORK ORDER

WORK ORDER

WORK ORDER

DATE MONTH YEAR	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.)
11/7/2000	TACH: 3136.9	INSTALLED THIS ENGINE ON C-150 S/N		
15074360	N19366	E/A/N	STC # BA4795\$W.	WHICH INCLUDED
		NEW HOOD, ISOLATOR MOUNTS, BATTERING, OIL COOLER, FUEL PUMP, CARBURETOR,		
		SPARK PLUGS, EXHAUST SYSTEM, AIRBOX SYSTEM ALL LISTED & SPECIFIED		
		BY THE ABOVE LISTED STC. SERVICED WITH 8 GT3 AEROSPACE BOW		
		GROUND RUN-UP & OIL LEAK CHECKED. CPS CHECK GOOD & NO		
		LEAKS NOTED THIS DATE. ALL WORK PERFORMED FOR PERMONT/		
		AMSTERDAM, NINTON, KNOXVILLE, TN	END	
			46.76	

AGREG # N19366 11/7/2000 PERFORMED DIFF COMPRESSION TEST. INSPECTED
TOTAL AND TIME 46.7 HRS. TACH TIME 3136.9 ON FILTER FOR MUTATE NONE FOUND. INSTALLED
TSMORE ENGINE NEW FILTER & SERVICED WITH 8 GT3 AEROSPACE BOW.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN AIRCRAFT ANNUAL AND AIR INSPECTION AS PER FAR 43 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. INSTALLED ALL NEW SPARK PLUGS. CHECKED
MAGNET TIMING. TESTED IGNITION LEADS.
AD 98-02-08 N/A SOLID CRANK INSTALLED
AD 97-15-11 NO CYLINDER NOISE IN THAT TIME RANGE
AD 98-07-11 N/A PER S/D AD 97-15-11 NO LEAKS NOTED THIS DATE. AEROSPACE INSPECTION
GROUND RUN & LEAK CHECKED. NO LEAKS NOTED THIS DATE. AEROSPACE INSPECTION
DUNE ON ENGINE ONLY! PERMONT/HAMPSHIRE HUNTERS
END

DATE MM/DD	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
8-08-01				Performed Annual Inspection. Changed oil + filter. Inspected filters serviced with Sgt Marshall 180w. Installed new oil cooler + oil hoses. See 377 this date for details.
Tak: 3173.0 hr				Washed + Ran engine leak check good this date.
Snoop: 492 lb				AV REG # 19366 DATE 8-8-01
				TOTAL AVG TIME _____ HRS. TACH TIME 3173
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ENGINE ONE ANNUAL TD HR INSPECTION AS PER FAR 43.16(a)(2) AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
				[Redacted Signature]
				CERTIFICATE NO./TYPE _____
				ALL WORK DONE FOR PIEDMONT / HAWTHORNE AVIATION, KNOXVILLE TN.

[illegible]

ENGINE
NUMBER OF
ENTRIES

2-5

REMOVED

and old

INSTALL

TAKE

TO

P.

THIS

IL

THIS

3

LOOK

2

DATE 2003	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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9/1/03	TACH: 3400.4			PERFORMED TOP OVERHAUL BY INSTALLING 3 OVERHAUL
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	TIMF: 3400.4			PISTON/RINGED CYLINDER ASSEMBLIES FROM G&W
--	--------------	--	--	--

				AIRCRAFT WITH NEW GASKETS/SEALS/RINGS/PISTON.
--	--	--	--	---

	TSTOPO/H: 0.0			CLEANED INSPECTED AND OVERHAULD BY CYLINDER
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	TSMOH: 725.5			REFACED VALVES & SEALS IN #4 CYLINDER. HONED
--	--------------	--	--	--

				& REASSEMBLED #4 CYLINDER USING NEW PISTON &
--	--	--	--	--

				RINGS, SEALS & GASKETS. PRESSURE CHECKED ENGINE
--	--	--	--	---

				CHECKED MAGNETO TIMING. DESSON & PAINTED
--	--	--	--	--

				PROP. CLEANED & GAPPED ALL SPARK PLUGS.
--	--	--	--	---

				INSTALLED NEW INDUCTION AIR FILTER. CHECK
--	--	--	--	---

				AD'S TARD THIS DATE. WORKED ENGINE DOWN
--	--	--	--	---

				GROUND RUN-UP & LEAK CHECKED. NO LEAKS
--	--	--	--	--

				NOTED THIS DATE. CUT OPEN FILTER TO
--	--	--	--	-------------------------------------

I CERTIFY THAT THIS ENGINE

WAS INSPECTED BY ME AND

ANOTHER INSPECTION & FOUND

TO BE IN WORKING

CONDITION - END -

INSPECT FOR METAL. DRAINED OIL & SERVICED

WITH 7 QT OF AEROSHELL 100W MINERAL

WAS RE-INSTALLED. - END -

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/04	TACH 3425.5			DRAINED OIL & REMOVED OIL FILTER. INSTALLED NEW OIL FILTER. SERVICED WITH 6 QTS AEROSHELL 100W. WASHED ENGINE DOWN. GROUND RUN-UP & OIL LEAK CHECKED. NO LEAKS NOTED AT OIL FILTER OR OIL DRAIN. NO WORK FOUND THE DATE - END -

5/04	TACH 3461.2			DRAINED OIL & REMOVED FILTER. INSTALLED FILTER SIX/6 QTS AEROSHELL 100-W. LEAKS
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9-15-04	TACH 3480.5			Changed oil & filter. Serviced with Aero Shell 100W oil. Cleaned, gapped & rotated spark plugs. Checked mag. timing. Installed new BRACKET Air Filter element. Installed new CRANK SHAFT SEAL. Torqued & greased PROP. I certify that this engine has been inspected in accordance with an ANNUAL T.C.S.P. & was found to be in an airworthy condition for work performed. Approved for Return to Service.
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STATION
NUMBER OF
ENTRIES

ST#222

L (200)

200

1/1/75

no shell

for

used

was

damaged

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.)
10-30-05	3492.4			INSTALLED NEW PUR BRACKET AIR FILTER [REDACTED] Business Aircraft Maintenance Services Inc. 700 Tioga Drive Hangar #2 • Modesto, California • 95354 Engine Logbook Entry Lycoming • O-360-A4M • SN# L-27444-36A Tach. 3507.7 • TSO: 832.5 • August 31, 2005 Complied with the following Maintenance Items: Installed new #3 cylinder intake push rod guide tube seal P/N: SSR70310. Signature [REDACTED] License [REDACTED]
11/5/05	3517.4			Oil Change & Filter CH4810-1 74TS Philips 20-50 Ran Engine ✓ for Leaks
1-15-06	TACH 3571.5			T.S.M. O.H. 8431 Changed oil & Filter Serviced with AeroShell 100W oil. Cleaned, Gapped & Rotated Sparkplugs Checked MAG Timing. I certify that this engine has been inspected in accordance with an Annual I.A.P. And was found to be in an Airworthy Condition for work performed. Approved for Return to Service. [REDACTED]

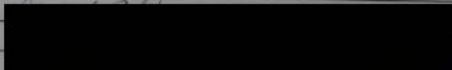
DATE FR...	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
0526	3540			AIR FILTER
MAR 4 2007	Tach	3564.5		T.S.M.O.H. BRO.1 Installed All 4 New Superior CYLINDER "Power ASSY. New". Part No. SL36006W-A20P Received from Air Power, Inc. Set Piston Ring GAP on All CYLS. Installed new piston pins & end plugs. Installed with new gaskets & seals. Torqued to spec. Serviced with 8 Qts Aeroshell 50wt NON-detergent oil. Installed new oil filter, installed new Air Filter element. Installed 8 new spark plugs & gaskets Checked MAG. Timing. See Authorized Release Certificate for CYLINDER Power ASSYS. Dated Feb. 2, 2007. Ground test Run good. A.D. 2007-04-09 does not apply Due to CYLINDER Serial Numbers. I Certify that this engine has been inspected in accordance with an Annual Insp. & was found to be in an Airworthy Condition for Work performed. Approved for Return to Service

DATE FR...	RECORDING TACH TIME	TODAY'S FLIGHT
7-7-08	Tach	3600
		Philips
APR. 26, 2008		
		Serviced
		Graded
		Comp &
		the the
		with an
		Approved
		for Re

DATE OR _____	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-7-08	Tach 3608.4			Changed oil & Filter, Serviced with A&C Phillips oil. [REDACTED]
APR. 26, 2008	Tach 3684.6			Changed oil & Filter, serviced with 8 qts Phillips XC 20W-50 oil. Cleaned, beapped & Rotated spark plugs. Checked mag timing. Comp. #1 77/80 #2 76/80 #3 76/80 #4 74/80. I certify that this engine has been inspected in accordance with an annual insp. & was found to be in an airworthy condition for work performed. Approved for Return to Service [REDACTED]

DATE YR.	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
04/06/7	3700.1			Changed Oil Aero Shell Mineral Filter & Air Filter
				L.W. armie 7 qts min. Oil Aero S. 100 for leaks
07/07/7	3608.4			7 qts Phillips 2050 Filter Air Wash 44 hrs (Wash)
19/08/7	3661.5			Changed Oil - Filter - Air Filter
05/09/7	3700.1			7 qts Phillips 2050 for leaks - none
				Changed Oil - Filter - Air Filter
				7 qts Phillips 2050

09 TACH 3700.1 T.S.M.O.H. 1025.7 COMP. Test
 I 79/80 #2 75/80 #3 79/80 #4 79/80. Checked MAG Timing
 INSTALLED NEW AIR P. Filter element. I certify that this engine
 has been inspected in accordance with AN ANNAI Inspection
 and was found to be in AN AIRWORTHY condition for work
 performed. Approved for Return to Service.



ENTRIES:
NUMBER OF
ENTRIES

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.)

2870

Tach Time 3717.9 N19366 Date: April 24, 2010 Serial Number 15074386.
Engine O-360-A4M Total Ship Time S/N L-27444-36A
Time Since Major O/H: 1043.5

Replaced (removed pump Model AC number 412718128 for a leak at the diaphragm) the engine driven fuel pump installed engine driven fuel Lycoming LM 15472 S/N 4809 with new gasket AE L5009 and safeties installed - leak and operational check accomplished no leaks noted.

Performed a oil change and replaced the oil filter with 7 Qts of Aero Shell 100 W 50 oil, removed and replaced vacuum pump inspected filters and pump for obvious defects - removed the pump and found the drive shaft sheared - removed airborne pump part number 2110C S/N 266203 and installed RAPCO P/N RA115C S/N A38496 also replaced fitting. Removed and Replaced the Induction Filter BA5110 with BA4108 filter assy. Nbr 1 cyl head rocker cover lower ADEL clamp is defective protective wrap is tearing away. Replaced clamp. Nbr 2 Cyl fuel primer fitting is loose -secured fitting, Nbr 2 cyl upper ignition lead is chaffing on the nbr 4 plug adjusted for clearance. Adjusting Magneto leads and secured for fix - lead functional tested for High energy test and test passed. Number 3 cyl forward rocker push pull tube has evidence of possible leak no leaks noted on engine runs.

Continued

Page 1 of 2

DATE	RECORDING EACH 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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Continued from previous page:

Tach Time 3717.9 N19366 Date: April 24, 2010 Serial Number 15074386.
 Engine O-360-A4M Total Ship Time S/N L-27444-36A
 Time Since Major O/M: 1043.5

Accomplished the compression test as per the standard procedures, Cyl 1 = 80/78, Cyl 2 = 80 / 79, Cyl 3 = 80 / 79, and Cyl 4 is 80/79. Cleaned and Re-gapped the spark plugs and rotated and re-installed into engine. The propeller has some minor nicks along the leading edges of both blades- dressed out nicks. The engine oil case breather line clamp is chaffing against the fire wall - adjusted clamp. The rubber baffle material is torn across the top of the engine between the engine and accessory case - replaced baffle material. The engine cooling baffle at the Nbr 4 Cyl is cracked- repaired baffle as per AC 43-13. The TACH Indication reading / marking is incorrect for the engine aircraft combinations marking is 2750 needs to be 2700 - marking changed as per STC, Per STC 4795SW drawing JS013. The left engine Air - oil cooler mount is cracked dressed out bracket on cooler and re-installed oil cooler. Performed AD search and installed a new AD search list in the power plant log book.
 Bracket air filter AD 96-09-06 requires compliance by previous log book entry as per Brackett Service letter I-194 was previously completed stopping the need for re-inspection. as per this AD.

I certify this engine has been inspected and is in an Airworthy condition. Page 2 of 2
 For Approval

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/28/10	3732.7			LT MAG OK RUNS ROUGH RT MAG OK REPL'D IGN HARNESS. LT & RT MAG RUN OK AFTER HARNESS REPLACEMENT [REDACTED]
3/28	3732.7			Cyl EXH SEALS & WASHER, NOT REPAIRED [REDACTED]
6/14/10	Tach 3747.6 New Tach 0000.0			Drained oil & Serviced with 7 QTS OF AEROSHELL 100 WSO oil [REDACTED] installed new Tach indicator 6/16/10
7/20/10	Tach Time 39.2		TOTAL Time 3786.8	Repaired #2 cyl Fuel Primer, Removed and Replaced beft oil [REDACTED] #16 [REDACTED]

DATE 2010	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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/4/10	56.9			TOTAL TIME 3804.5 REPL'D ENG OIL FILTER DRAINED OIL & SERVICED WITH 7 QTS. OF AEROSHELL 100 W50 OIL [REDACTED] MFP 8/4/10
8/11/10	62.0			TOTAL TIME 3807.6 REPL'D ENGINE ALTERNATOR & VOLTAGE REGULATOR [REDACTED] 8/11/10
8/12/10	67.0			TOTAL TIME 3804.6 Q/W AD 76-0712 and 80-11-04 no defects noted next due at 3904.6 Hours [REDACTED] (167 TACH)
11/9/10	86.5			OIL CHANGED ADDED AEROSHELL W100 (SAE 50) [REDACTED]
2/24/11	173.4			DRAIN & REPLENISH OIL - 7 QTS AEROSHELL 100 [REDACTED]

DATE 2011	RECORDING TACH TIME	PAGE
3-11-11	89.1	
	116.5	
	89.53	
	#8 UPD	
	PAGE	
6/24/11	116.2	
8/14/11	140.2	
9/3/11	156.1	

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)
2011				
3-11-11	89.1		3836.7	COMPRESSION COLD 1-74 2-67 3-70 4-63
	1161.5	SMOII		INSTALLED NEW BRACKETT AIR FILTER ELEMENT, CLEANED
	8815.8	TOTAL TIME*		& GAPPED PLUGS, REINFORCED LEFT OIL COOLER
	*UPDATED SEE			FLANGE. I CERTIFY THAT THIS ENGINE HAS
	PAGE 5-10-	1997		BEEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL
				INSPECTION AND FOUND TO BE IN AN AIRWORTHY
				CONDITION. [REDACTED]
6/24/11	116.2			Drain + Refill oil with 7 QTS Aeroshell 100 [REDACTED]
8/14/11	140.2			Drain + Refill oil with 7 QTS Aeroshell 100 [REDACTED]
9/8/11	186.4			REPLACED #1 CYL. VALVE COVER [REDACTED]

DATE 19__	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 OR MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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Cessna 150L N19366 S/N 15074368
Lycoming 0-360-A4M S/N L-27444-36A

February 19, 2012. Tach Reads 198.5. Removed Carb-P/N 10-3878M; S/N G 12 1091
and Repaired by Aircraft Systems, Inc. FAA ARS # KC2R947K as per their W.O.
#46236. Reinstalled Operational Ck-Tested OK.

A&P [REDACTED]

- 4-8-2012

COMPRESSION 1-72 2-73 3-75 4-72, OIL & FILTER CHANGED

TACH

199.3 CLEANED SPARK PLUGS AD 2012-03-07 N/A DUE TO PARTS

SMAH

1271.7 AD 2009-26-12 IS N/A DUE TO ECI CYLINDERS NOT INSTALLED

TOTAL

8926.0 AD 2007-04-19 R1 N/A SEE MAR 4, 2007. I CERTIFY THAT

THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH

AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY

CONDITION. [REDACTED]

- 5-10-2013

TACH

279.3

PLUGS

CLEANED & COPIED I CERTIFY THAT THIS ENGINE HAS BEEN

INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN

AN AIRWORTHY

CONDITION. [REDACTED]

DATE
NUMBER OF
ENTRIES

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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FINEFIELD AVIATION

DATE: 7-27-13

ENGINE LOG

A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
19366	Cessna	150L	15074368	309.7	

Found incorrect faulty and loose wire terminals at the regulator and alternator. Replaced the field, a regulator and a ground terminal at the alternator. Rechecked all other wire terminals at the alternator and regulator. Rechecked interav test values finding them within specs.

This aircraft was inspected with respect to the work described herein.
Authorized Signature: [Redacted] Printed Name: James Finefield
For Finefield Aviation, 8399 Pyott Road, [Redacted] Phone: 815-459-4858

FINEFIELD AVIATION

DATE: 9-19-13

ENGINE LOG

A/C N#	MAKE	MODEL	A/C S/N	HM	TSMOH
19366	Cessna	150L	15074368	310.4	

Removed right magneto spark plugs, cleaned, gapped and reinstalled. Shortened #3 cylinder bottom ignition lead, and reassembled the terminal end, terminal spring, and reinstalled. Tightened tach cable gland nut. Replaced #3 cylinder bottom spark plug with a used serviceable unit. Ran up and checked operation, checked ok.

This aircraft has been inspected with respect to the work described herein.
Authorized Signature: [Redacted] Printed Name: James Finefield
For Finefield Aviation, 8399 Pyott Road, [Redacted] Phone: 815-459-4858

Checked
PARTIAL
INSTALLED

THAT
WITH
QUARTER

BE
BE

N19366

4-1-14 TACH: 332.5 TT: 905920 TSMOH: 1404.90

Completed ANNUAL INSPECTION: changed oil; oil filter; no metal found; serviced with 8 quarts of Aeroshell 50 W 100; cleaned and gapped spark plugs; checked magneto to engine timing; solvent washed engine; checked cylinder compression: #1 73/80; #2 75/80; #3 75/80; #4 79/80. Complied w/AD's performed run-up to check for performance and oil leaks; I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and found to be in an airworthy condition. The aircraft or component identified above was inspected and/or repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

SIGNED

Greg Giral

IA

Midwest Night Check

DATE	RECORDING TACH TIME	TOTAL FUEL
5/5/15	463.9	
7/28/15	518.6	

5-21-14 TACH 352.6 ADJUSTED MIXTURE CONTROL CABLE.

8-8-14 TACH 407.7 READJUSTED MIXTURE CONTROL CABLE

08/24/14 TACH 423.6

DRAINED & REFILLED OIL W/ Aeroshell 100 (7015) 50 W 100

09/12/14 TACH 443.2

PER AIRCRAFT LOG-BOOK OIL CHANGE

5/1/15 TACH 463.9

COLD COMPRESSION 1-73 2-67 3-78 4-70, CLEANED & GAPPED PLUGS, I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.

5/1/15

STARTER REMOVED FOR REPLACEMENT.

2 in (100)
100 (10)
(100)
(100)
(100)

DATE	RECORDING EACH 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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5/5/15	463.9			INSTALLED SKYTEC [REDACTED] OPS CHECKS NORMAL.
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7/28/15	518.4			DRAINED AND REFILLED OIL WITH 7 QUARTS AEROSHELL 100. [REDACTED]
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1-70, CLEARED
5/15/15
1-70, CLEARED
5/15/15
1-70, CLEARED
5/15/15

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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Cessna 150L N19366 S/N 15074368
Lycoming O-360-A4M S/N L-27444-36A

May 9, 2016. Tach Reads 579.4; Total Time 9,306.10; SMOH 1,651.9. Removed Engine-Engine Mount Repaired by Aero Fabricators FAA ARS No. A14R244N as per their W.O. 34689. Reinstalled Engine Mount and Engine-Installed Engine using New J3804-20 Lord Mounts. Ck. Cleaned, & Gapped Spark Plugs. Installed new M2364 Ignition Harness. Ck all Accessories. Installed new LW15472 Fuel Pump. Removed all 4 Cylinders-Repaired-Reinstalled Cylinders with 4 LW12032SC Gaskets Sets, 4 Sets Piston Rings, 4 STD2180 Hoses. Changed Oil using Phillips Type M. Removed Oil Filter-Inspected for contaminants and Replaced with New Filter. Ck Exhaust System and Muffler. Ck & Lubed All Engine Controls. Installed New Bracket BA-5110 Filter Assy & BA-6108 Element. Repaired Air Box. Ck Cowl, Firewall, & Baffles-Repaired Cowl. General Condition Ck-OK, Engine Test Run-Ck-OK. A.D.' ck thru 2016-09. This ENGINE has been inspected in accordance with a 100HR Inspection and has been found AIRWORTHY and is approved for return to service.
A&P [REDACTED]

May 9, 2016. TOTAL TIME 4,417.9. "I Certify that this ENGINE has been Inspected in Accordance with an ANNUAL INSPECTION and has been found Airworthy."
IA [REDACTED]

DATE	RECORDING TACH TIME	TODAYS FLIGHT
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6/13/16

9/20/16

5/20/17

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.)
2/13/16	TACH	644.5	1717.0	SMOCH CITRUS OIL WITH AEROSHELL 11100. 7 QUARTS [REDACTED] APP
9/22/16	TACH	660.0		REMOVED NO. 4 CYL DUE TO CRACKED HEAD. INSTALLED USED SERVICEABLE CYL. TEST GROUND RUN FOUND TO BE OK. I FIND THIS ENGINE A [REDACTED] AT THIS TIME
5/10/17	TACH	684.0		COMPRESSION 1-70 2-72 3-68 4-77
	TT	9,410.7		REPAIRED BROKEN PRIMOR LINE, REPLACED OIL STICK
	SMOCH	1756.5		SEAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND [REDACTED] IS AN AIRWORTHY CONDITION.

DATE	RECORDING	TODAYS	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
IS	TACH	FLIGHT	TIME IN	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	TIME		SERVICE	
6/24/79		TACH 701	SMOH 1773	CHANGED OIL AEROSHELL L100, 7 QTS. [REDACTED]
5/12/78	TACH	785	ENGINE TOTAL TIME: 1857 SMOH	COMPRESSION: #1-70, #2-74, #3-78, #4-74. CHANGED OIL AND FILTER WITH 7 QUARTS AEROSHELL L100. REPLACED PRIMER TEE TEE FITTING, CLEANED AND SEUCED WORKING AND OIL HOSES, CLEANED AND OILED SPARK PLUGS, TIGHTENED VALVE COVERS, INSPECTED PROP. I HAVE INSPECTED THIS ENGINE AND FOUND IT TO BE IN AN AIRWORTHY CONDITION FOR THE [REDACTED] INSPECTION.

[illegible]