



The Standard

ENGINE LOG

ASA-SE-1

The Standard Engine Log
SE-1

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Engine Record General Information

Manufacturer: _____ Model: _____
Engine Manufacturer : Lycoming Engine Model : O-360-F1A6

Serial # : L-27414-36A

This Engine is currently installed in aircraft:

Aircraft: _____ N6393R

Spark Plug Gap:	Make/Model	Serial #
	Aircraft Installed On: Cessna 172RG	172RG0176

Registered Owner Record

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Notes

wo: WO-67734

Engine - page 1 of 1



Texas Aircraft Maintenance - 4660 Jimmy Doolittle Dr. - Addison, TX 75001 - 972.735.9099

N6393R

March 24, 2020

Tach: 2213.0

1. replace vacuum pump with a serviceable unit Installed (1) 10-03084 - RAPCO 215CC OH AIR PUMP.

I certify that this engine has been inspected/serviced in accordance with the maintenance manual and was found to be in an airworthy condition. Details of work performed are on file with Texas Aircraft Maintenance under work order: WO-67734.

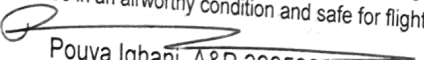
Pouya Ighani A&P 3805008

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
20				Entries must be endorsed with Name, Rating and Certificate Number of Technician or


 US Sport Aircraft 4700 Airport
 Parkway Addison, TX 75001
www.ussportaircraft.com 972.735.9099

N6393R Cessna 172 RG S/N:172RG0176
 Engine Model :O-360-F1A6 S/N: L-27414-36A
 Tach:2109.9
 Engine TSMO: 1065.2
 7/15/2019

Installed Lycoming O-360-F1A6 S/N:L-27414-36A IAW Cessna installation manual. Serviced engine with 8 QT of Aeroshell w100. Installed new oil filter P/N: CH48110-1. No change in weight and balance. This engine was found to be in an airworthy condition and safe for flight.


 Pouya Ighani A&P 3805008

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations


 US Sport Aircraft 4700 Airport
 Parkway Addison, TX 75001
www.ussportaircraft.com 972.735.9099

N6393R Cessna 172 RG S/N:172RG0176 S/N: 17249385
 Engine Model :O-360-F1A6 S/N: L-27414-36A
 Tach: 2201.1
 02/13/2020

Performed oil change, drained oil, replaced oil filter with new CH48111-1 oil filter, serviced engine with 8 QT of aero shell W100. Comply with AD 83-14-04 visual inspection of cabin heater shroud. This engine was ground run to verify performance criteria and inspected for any fluid leaks. This aircraft was found to be in an airworthy condition and safe for flight only for the repairs/service listed above.


 Pouya Ighani A&P 3805008

ENGINE MODEL:
ENGINE S/N:
REG. NO N6393R
WORK ORDER: 1604



Aero Tech Services

4689 Eddie Rickenbacker Drive
Addison, TX 75001
Phone: 214-728-9007

DATE: 12/6/2019
A/C TSN: 2150 3
ENG TT: 2150 3
TACH: 2150 3

YEAR
20
DATE

Engine Entries

Troubleshoot Engine Runs Rough on L/H Magneto.... Performed Engine Run and found Engine to shut off while running on L/H MAG. Verified proper L/H MAG ground and P-lead operations from switch. Removed L/H MAG for troubleshooting. Disassembled L/H Magneto, and cleaned and inspected. Cleaned and Adjusted points to .010. Tightened all wire connections. Reassembled MAG and reinstalled. and timed to engine. Performed second engine run and found MAG function check satisfactory.- C/W 50 Hour Oil and Filter Change.... Complied with 50 hour oil and filter change. Serviced with 7 quarts Aeroshell W100 and AA48110-2 oil filter. Installed new oil Sump Screen Crush Gasket P/N:MS35769-21 x(1). Ground Run & Leak Checked satisfactory.- #3 Cylinder has a broken Exhaust Riser Stud.... Removed exhaust system. Removed cylinders #1, #2, and #4 Intake Tubes. Removed broken exhaust stud. Drilled , Tapped & Installed New Helicoil 5/16-18. Installed new exhaust stud. P/N: 31c-12. Reinstalled exhaust system with (4) each new exhaust gaskets. P/N: RA77611 and new exhaust riser nut, washers and lock washers. Reinstalled Intake pipes with 3ea new gaskets P/N: SL71973. Torqued exhaust system hardware as required. Function checked satisfactory.- Oil Sump Plug Not Safetied.... Safetied Oil Sump Plug as needed.- Cabin Heat Scat Hose Chaffing on Fuel Flow Transducer and has holes.... Repositioned Fuel Flow Transducer and applied Hi Temp RTV to holes on Cabin Heat Scat Hose.- Cabin Heat Scat Hose shield and #4 Cylinder Band Clamps Loose.... Tightened heat shield clamps as needed.- Ignition Leads Need Secured.... Secured ignition leads as needed.- Fuel Primer Line Fitting Chaffing on Fuel Pump.... Repositioned Primer Line Adel Clamp as needed to prevent further chaffing.- Throttle Linkage Arm at Carburetor missing Cotter Pin.... Installed Cotter Pin as needed.- Throttle Control Rod End Jam Nut Backed Off.... Tightened Throttle Control Rod-End Jam Nut as needed.- L/H Upper Engine Mount Worn beyond limits and has Excessive Play.... Removed faulty upper L/H Engine Mount. Loosened all other mounts. Installed New Mount P/N: J9613-49. Torqued all mount hardware to 500 inch pounds. Function checked satisfactory.- Throttle Control Cable Stand Off Bracket Hardware Loose.... Installed washers as needed and tightened hardware. Function Check Satisfactory.- Intake Fuel Drain Line at T-Fitting is Leaking Fuel.... Tightened Fittings as needed.- Engine Needs Degreased Degreased engine as needed.- Oil Sump Bolts need tightened.... Torqued Oil Sump Bolts as required.- Forward Lower Case Split Line Seeping Oil.... Torqued Forward Lower Case Split Line Hardware as needed.- Mixture Control takes excessive force to operate.... Lubricated Mixture Control Cable as needed. Function checked satisfactory.- Case Vent Hose Missing Band Clamp.... Installed Clamp P/N: 200-08H x(1) as needed.- Intake Fuel Drain Hose Clamp Falling Off.... Found Clamp to be faulty. Removed faulty clamp and installed new clamp P/N: 3604H x(1).- Oil Filler Neck Loose and Leaking Oil.... Tightened Oil Filler Neck and Lock Wired as needed.- #1 Cylinder Oil Return Hoses Dry Rotted.... Removed dry rotted oil return hose. Installed new hose with new clamp as needed.-

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YEAR 20 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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MAKE: Cessna
MODEL: 172RG
S/N: 172RG0176
REG. NO N6393R
WORK ORDER: 1604



Aero Tech Services

4689 Eddie Rickenbacker Drive
Addison, TX 75001
Phone: 214-728-9007

DATE: 12/6/2019
A/C TSN: 2150 3
TACH: 2150 3

Airframe Entries

Troubleshoot strobe lights Inop.... Verified Voltage at L/H and R/H strobe connections and received no voltage. Checked for voltage at strobe switch and found a loose connection. Re-crimped wire as needed. Function check of strobe system satisfactory.- L/H NAV light base missing screw.... Installed (1) each serviceable screw as needed.- L/H Main Tire Low.... Serviced Landing Gear Tires with Shop Air to Operating PSI per POH.- Exhaust Tail Pipe Security Strap Pulled From Firewall.... Stop drilled cracks in firewall. Installed (2) each large area washers, (1) each AN3-10 bolt, (1) each self locking nut on firewall to secure exhaust security strap as needed.- Landing light is secured with safety wire.... Found serviceable at this time.- R/H Stabilizer missing Inspection Panel.... Customer Declined.- L/H Brake Lining Worn on Backing Plate.... Removed worn backing plate lining and installed new brake lining P/N:RA066-30026 x(1). Secured with new rivets P/N: RA105-00200 x(2) as needed.- R/H Brake Lining on backing plate worn beyond limits.... Removed worn backing plate lining and installed new brake lining P/N:RA066-30026 x(1). Secured with new rivets P/N:RA105-00200 x(2). as needed.

The work described above was performed and inspected in accordance with current Federal Aviation Regulations and is approved for return to service
Pertinent details are on file at this facility under Work Order No. 1604

DATE: 12/6/2019

SIGNED:

Pat Pennington, A&P: 3058066

Pat Pennington AP3058066

Work Order: 1604

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ENGINE LOG ENTRY

J.R AVIATION SERVICES

15790 DOOLEY RD

ADDISON, TEXAS 75001

Aircraft Reg. N6393R

AFS/N: 17RG0176

DATE: 08/23/2020

HOBBS: 2297.6 TACH 2217.1


ENG Model O-360-F1A6

ENG S/N L-27214-36A

TSMOH- 1172.4

ETSN -UNKNOWN

- Complied with 100 hour inspection on continental Engine Model O-360-F1A6 S/ L-27414-36A IAW Title 14 CFR part 43, Appendix D.
- Complied with Airworthiness Directive research on Engine. Current through 2020-15.
- Performed compression check 1.72/80 2.72/80 3.70/80 4.70/80
- Changed oil and filter serviced with Aero-shell 100 W plus 10 qrts and CH48111-1.
- Cleaned, gapped and rotate spark plugs.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
				<ul style="list-style-type: none"> • Cleaned and reinstall fuel injectors. • Installed new fuel flow transducer P/N 700900-1 • Installed new bolts and hold down bracket at engine air filter housing. P/N 2455073, AN4-6A, AN500-416-10 <p>I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determined to be in airworthy condition and approved for Return to Service with respect to work performed.</p> <p>Dated: AUGUST 23, 2020 Signed  JUAN MORALES A&P 2840494</p>

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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El Paso Aero, Inc. N#: N6393R Mfg: Cessna Model: 172RG Page 1 of 1
 Avionics Associates S/N: 172RG0176 W.O.#: 71572 & 71749 Date: 06/11/21
 7305 Boeing Drive Tach: 2294.0 ACTT: 2294.0 Hobbs: 2389.5
 El Paso, Texas 79925 Engine: 1249.3 Propeller: 1434.0
 FAA CRS#VL1R562K

Routine maintenance performed in conjunction with an Annual Inspection on Lycoming Engine Model O-360-F1A6 S/N L-27414-36A.

- Complied with 500 Hour Magneto Inspection on left magneto Slick P/N 4371 S/N 00061312 in accordance with Champion Maintenance and Overhaul Manual No. L-1363J Rev. J, reinstalled, timed to engine and ops checked ok.
- Complied with 500 Hour Magneto Inspection on right magneto Slick P/N 4371 S/N 13040855 in accordance with Champion Maintenance and Overhaul Manual No. L-1363J Rev. J, reinstalled, timed to engine and ops checked ok.
- Checked engine compression and compression checked as follows: #1(64,2)74,3)64 & 4)72.
- Drained oil and removed oil filter. Split filter and inspected as ok. Installed new Champion CH48110-1 oil filter and serviced engine with Aeroshell W100+ oil.
- Removed, cleaned, inspected oil suction screen and reinstalled with new gasket P/N MS35769-21.
- Removed spark plugs, cleaned, inspected as ok and reinstalled as required.
- Removed, cleaned and inspected fuel inlet screen as ok.
- Installed new vacuum pump Garlock seal P/N 06A19956 with new gaskets P/N 8313 & P/N 61183 - leak checked ok.
- Installed new Bracket induction air filter element P/N BA5805 as required.
- Installed overhauled carburetor P/N 10-5253 S/N MS0K3801 from CRS#V24R156B, rigged to specifications and ops/leak checked ok.

Pertinent details of work performed are on file at this agency under WO#71572 & WO#71749. I certify that this engine has been inspected in accordance with an Annual Inspection and is airworthy for return to service.

Adam Chenausky



YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2021				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/2/21	2471.9			Performed oil change, removed old oil filter, out old oil filter. no metal found. installed new champion oil filter CH48110-1 and service with aeroshell 100w. 7QTS added.
				Performed leak check performed. no leaks noted. installed new #4 cylinder primer line isolator hose.
				Jose Vallejo Vallejo 354056407 A&P

YEAR 20____ 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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Reg. No. - N6393R O-360-F1A6 S/N L-27414-36A

Date- 11/15/21

Hobbs	2475.3
TSMOH	1430.6

This Engine has been inspected in accordance with a 100 Hour/Annual Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. For AD compliance see AD listing.

Compressions #1 65/80, #2 75/80, #3 66/80, #4 74/80

AD 20-25-12 (1/15/21) Crankshaft manufacturing process N/A by engine model.

Cleaned and gaped plugs, pressure checked exhaust, checked mag timing. Engine run and leak check good.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA



Authorized Signature

Anthony Bell

A&P21456131A

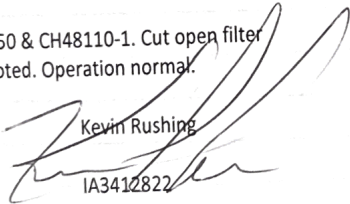
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		N6393R		
		Tach: 2499.5		
		TSMOH:1454.8		
		01/17/22		
				Changed Oil & filter Aeroshell 15W50 & CH48110-1. Cut open filter No discrepancies found. Replaced Both magnetos PN# 4371. SN# K-01027 And K-01022. Run up no leaks noted. Operation normal.
		Rushing Aviation		
		703 Airport Rd.		
		Marks, MS 38646		
				Kevin Rushing <i>Kevin Rushing</i> IA3412822

YEAR 20 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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N6393R
Tach: 2588.4 ENG Time:2478.2
0/28/22

Changed Oil & filter Aeroshell 15W50 & CH48110-1. Cut open filter
No discrepancies found. Run up no leaks noted. Operation normal.

Rushing Aviation
703 Airport Rd.
Marks, MS 38646

Kevin Rushing

IA3412822

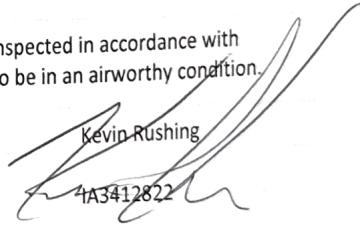
YEAR	RECORDING TACH	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	of
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N6393R
Tach:2572.6 Hobbs: 2692.0
TSMOH: 527.9
01/02/24

Performed Annual inspection. Comp 80/ 1/75 2/79 3/76 4/76
Changed Oil & Filter AA48110-1 & Aeroshell 15W50 Cut open filter no discrepancies found.
Checked timing, Cleaned fuel screen. Cleaned & gapped spark plugs. Replaced 3 Ea. Spark plugs REM38E
Replaced Air filter BA5805. Run up no leaks noted. All Ad's C/W.

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

Rushing Aviation
703 Airport Rd.
Marks, MS 38646

Kevin Rushing

IA3412822