

RV-4

The Standard



ENGINE LOG

I U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

XI



0197

1.25

IV NAME

DAVID EMIL GUGGER

V ADDRESS

425 TARRAGONA WAY
DAYTONA BEACH, FL 32114-3921

VI NATIONALITY

USA

D.O.B.

8 JUL 1938

SEX HEIGHT WEIGHT

HAIR EYES

M

69

170

GRAY BLUE

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II REPAIRMAN EXPERIMENTAL AIRCRAFT BUILDER

III CERTIFICATE NUMBER 2581708

X DATE OF ISSUE 28 JUL 1998

VII SIGNATURE OF HOLDER

XIV ADMINISTRATOR

MODEL SE-1

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER LYCOMING 0-320 E2D MODEL 0320 E2D

SERIAL L-39623-27A

TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT N45LS RV-4 Serial # 1106

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

NOTES

Engine Majored 3-15-93

Engine disassembled cleaned + checked for seize on crankshaft + cam and all other parts needed checked. Mag float on all metal parts.

Rods Rebrushed on talin of machine Carb cleaned + repaired as needed new shaft new metal float + one piece venturi installed. Mag cleaned + checked new bearings + seals. Engine chgd was completed at SENTRY in J. WOOD. New Pistons, Piston Pin plugs, new Rings, Rod + Maines. 2nd. New Ex Valve. Valve Caps for Ex Valves. Intake Valves resurfaced, Oil pump Gears installed. Cords for Cyls are attached.

Parts numbers SL 75089 Pistons. SL 3401 - A1 Rings. SL 6447 Maines. SL 61662 Rod Brgs. 4 SL 17540 Valves 4 MS13998-3 Caps 8 60828 Plugs. SL 65819 Bushings. F10-46 Venturi 1 666-915 float. Major gasket set SL 69371-1

Painted with Mf DE 1611 Engine Paint

CORDING 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.)
00.0		00.0	Installed engine in RU-4 Serial # 1106 Timed Magnets. Added 8 qts Aeroshell 50 Mineral. J. Utter AS04625147 Test Run engine - check for oil leaks OK. checked mags OK. J. Utter AS04625147
		10.2	Changed oil & Filter Added 7 qts Aeroshell 50 Mineral Filter # CH48110 J. Utter Return to service RC. 504625147
		11.2	install 8ea SR-88 plugs. Check Timing OK J. Utter RC. 504625147
		25.1	drained oil & Added 6 qts. Aeroshell 100W

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1946				
Jan 15	55.7			Removed engine from AIRCRAFT - complete
				Tear down due to CAM spalling. Cleaned all
				engine parts and installed The following new
				parts. Sea SL 68763A main bearing, Sea SL 61661
				Rod bearing, Sea AL 78027 Rod Bolt, Sea AL 12186
				Rod nut, 1 AL 74241- AIP10 Ring set, 1ea SL 76121
				Tach shaft, 1ea LW 14260 Tach shaft seal
				1ea SL 69371-1 gasket set 1ea SL STD 2213 C/s gasket
				4ea AL 13790 Rocker shaft, Sea AL 14077-1 Thrust bu
				4ea AL 14077-1 piston pin w plug, 1 Lye 78531
				oil pump body, 1 SL 18109 AS oil pump gear set,
				1 Lye. 61174 oil pump shaft - cont. next page

DATE 19__	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.)
				11a 11754 perf. CAM, 8a 22877 Lifters cylinders cleaned, guides checked, seats ground, valves, faced & lapped bores Honed to +10 limits installed 4a 75089 +10 pistons work performed on cylinders by AIRCRAFT engine Services - Engine assembled by Dick Demars - Ft. Collins CO. Engine installed in NESLV. 6 ground runs performed - Test Flight O.K. ^{Return to} _{Service} Larry D. Utter 504625147
Mar 6	75.0			Changed oil & filter Added 7gts A-Shell 100W
April 25	98.5			changed oil & filter ok. 7gts A/Shell 100

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.)
1946				
10 June	118.9			Compression check #1 72/80 #2 74/80 #3 76/80 #4 74/80. changed oil - Added 8qts Aeroshell 100w changed oil filter - check for metal - found none. check timing - OK. Torque prop bolts & gipped Eng. Ret. to service J. Hill
18 Aug	145.0			changed oil Added 7qts A/shell/100w
5 Oct	172.5			changed oil & Filter Added 8qts A/shell/15W50 for winter. checked filter for metal - OK J. Hill

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.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
1997				
1-25	181.4			Removed engine from N456LS. Total Time Since Overhaul 125.7 Jay D. VtH
4-6-98	0.01		unknown TSMO 125.8	Returned engine to service installed in N624 OG Dan J. Sump Attached carburetor, ALTERNATOR and the following accessories. Electronic Ignition Exhaust system, carburetor Vent, Throttle & mixture controls. ENGINE ground TESTED and Runup checks good.
7-25-98	25.0		150.9	changed OIL ADDED 7 QUARTS AeroShell
9-5-98	46.6		172.4	CHANGED OIL & FILTER, ADDED 7 QTS AeroShell

DATE 19 <u>98</u>	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.)
10-23	83.1		208.9	changed oil AND INSTALLED quick Drain. oil Plug. ADDED 6 QTS Aeroshell.
11-3	86.2		212.0	changed INSTALLED NEW FUEL FILTERS Removed mechanical Tachometer. INSTALLED DIGITAL TACH. ENGINE TIME IS BEING RECORDED ON SC-5 super clock. 11-3-98 
12-7	110.4		332.4	changed oil AND OIL FILTER. ADDED. 2 QTS. ACROSHELL. MULTI GRADE. 15W50.
2-5-99	132.9		354.9	changed oil ADDED. 6 QTS. AEROSHELL multi grade 15W50.
4-1-99	159.2		381.2	changed oil & FILTER. 7QTS AEROSHELL 15/50 R.T.S.

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19-99				
4-7	161.2		383.2	ANNUAL INSPECTION - CLEANED AIR BOX. - compression check #1 78/90, #2 78/90, #3 78/90, #4 78/90 - CLEANED SPARK PLUGS. ANNUAL INSPECTION COMPLETE. Ret TO SERVICE 4-7-99. D. L. Brown
4-12	184.9		406.9	CHANGED OIL WITH ACRO SHELL 15W/50. RETURNED TO SERVICE. D. L. Brown
6-2	211.8		433.8	CHANGED OIL & FILTER. ACRO SHELL 100 Ret TO SERVICE 6-2-99 D. L. Brown
7-17	237.5		459.5	CHANGED OIL - RETURNED TO SERVICE. 7-17-99 D. L. Brown
8-26	264.3		496.5	CHANGED OIL & FILTER. RETURNED TO

DATE 19 <u>99</u> .	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.)
				SERVICE. 8-26-99 <i>Don Surp</i>
11/20.				low compression Reading on #3. cylinder AND potential problem on #1 cyl. removed Both FOR SERVICE.
12/6.	298.6		510.8	REPLACED. #1 & #3 CYLINDERS AFTER INSPECTION AND. OVERHAUL By D+S Aviation & Machine, Inc. Returned TO SERVICE. WITH OIL change. <i>Don Surp</i> #2581708
12/10	290.8		513.0	changed CHT Probe From #4 cyl TO #3 cyl.



Maintenance Release

The Aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs are on file at this repair station under Work Order# 4047

Dated

12/02/99

Inspected by

Keith Moore

Certificate #

2540705

SERVICEABLE

Name

Tony Crawford

Unit

Lycoming O-320B20 Gylfers

ID #

4047

AD or Service Bulletins

Work Performed

Servicable

Under Assembly

FAA Certificate No. DN6R609N

D&S AVIATION AND MACHINE, INC.

435 B2 Airpark Road
Edgewater, FL 32132
(904) 409-7555

45
SER OF
(TRIES.)



Maintenance Release

The Aircraft, airframe, aircraft engine, propeller, and appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs are on file at repair station under Work Order # 4048

Dated 12/07/99

Inspected by Keith A. Mae

Certificate # 2540705

SERVICEABLE

Name Tony Crawford

Unit Lycoming O-320EW Cylinders

ID # 4048

AD or Service Bulletins _____

Work Performed Serviceable

Valve Assembly

FAA Certificate No. DN6R609N

D&S AVIATION AND MACHINE, INC.

435 B2 Airpark Road

Edgewater, FL 32132

(904) 409-7555

DATE 2000 792	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.)
2/25.	316.2		5384.	CHANGED OIL & FILTER. RETURNED TO SERVICE. <i>Don [Signature]</i>
4/26.	329.4		551.6.	ANNUAL INSPECTION - CLEANED AIR BOX FILTER. ENGINE COMPRESSION #1 74/90 - #2 69/90 #3 74/90 - #4 69/90 CLEANED SPARK PLUGS. CHECKED ENGINE COMPARTMENT FOR ANY OBROSION. REPLACED ANY MISSING NUTS AND BOLTS. RETURNED TO SERVICE. <i>Don [Signature]</i> # 2581708
6/23	339.2		561.4	CHANGED OIL. RETURNED TO SERVICE. <i>Don [Signature]</i>
9/13	358.3		5905	CHANGED OIL & FILTER - CLEANED SPARK PLUGS RETURNED TO SERVICE <i>Don [Signature]</i>

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.)
1961				Removed eng. Following propeller strike.
3-27		TACH:	370.0	Engine, disassembled cleaned, inspected and All major components re-certified. Eng. Assembled using overhauled crankcase, crank, rods, Cam, Cam followers, oil pump gears (nitrided and carburized) new oil pump driveshaft Crankshaft Gear and bolt, 4 complete Cylinder Assemblies, main and rod bearings, rod bolts and nuts All circlips and retainers, Full Gasket and seal set. Eng installed in Airframe and ground-run, following Lycoming instructions for return to service

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				no defects noted at this time, installed overhauled carburetor at this time, Att. see Maint release tags, parts list and run-up sheet. All work T/A/W Lycoming maintenance and parts manual as reference Reference Overhaul section. Eng time 0 since overhaul.
				ATP 148180607  Lou Verdiales

This magneto was manufactured from all new components in accordance with FAR 21.303h under authority of MMF3226 and is airworthy. This magneto is FAA-PMA Approved for applications listed in Unison Industries' Forms L-1058 and F-1100. For LASAR® Magnetos, see L-1500.

This magneto was manufactured from all new components in accordance with FAR 21.303h under authority of MMF3226 and is airworthy. This magneto is FAA-PMA Approved for applications listed in Unison Industries' Forms L-1058 and F-1100. For LASAR® Magnetos, see L-1500.

Enter magneto model, serial number and date of installation and attach this tag to engine logbook.

Magneto Model No. 4371 SLICK.

Magneto Serial No. 01082046

Date of Installation 11-28-01

L-1231-B

ACTIONS, TESTS, REPAIRS AND ALTERATIONS
WITH NAME, RATING AND CERTIFICATE NUMBER OF
(SEE BACK PAGES FOR OTHER SPECIFIC 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.)
2002				
4-10				ANNUAL inspection. No defects noted at this time. Compression check #1 70/90, #2 70/90, #3 73/90, #4 73/90.
				I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition TOTAL Time Tach Time 479.3 DATE. 4-10-02 Dave Gesser
				Dave Gesser. Cert # 2581708 109.3 Hrs on engine since overhaul.

DATE 2003 78	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.)
1/7/03	538			Oil change + Oil filter - <i>Bob E. P.</i> 1461955
4-20-03	577			ANNUAL INSPECTION: NO DEFECTS NOTED AT THIS TIME Compression check. 1-71, 2-70, 3-74, 4-72. OIL AND FILTER CHANGED. NO METAL DETECTED IN OIL SCREEN. Fuel filters replaced I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHINESS

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.)
				CONDITION TOTAL TIME 750.8 hrs.
				207 hrs on engine since major
				overhaul.
				4-20-03 Dan Jensen
				DAVID Gussner cert # 2591708
				NEW Spark Plugs Top Endolite 386
6-09-03				Reference aircraft log for installation
				of SPI EDM 700 engine monitors.
6/22/2003	628.9			Oil change & filter Hank Corp 1461955

DATE 2004 19	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.)
14.04	683.8	SMON	313.8	Performed conditional inspection in accordance with FAR 43 app D. Oil was changed, top plugs replaced with new. Compression (1) 74/80 (2) 70/80 (3) 73/80 (4) 72/80. Air filter serviced, controls and baffling checked. I certify that this engine has been inspected in accordance with a conditional inspection and found airworthy. Dale E Walter AIP 1920985
6/25/2004				AD 2004-10-14 Replacement of Main Retaining Bolt after Prop Strike Bolt was replaced after Prop Strike with SL-STD-2213 During Overhaul by AERO DYNAMICS

DATE
2006
7-19

IPZ. Hobbs 788-3 SMOH 467.2
04-20-06 ~~tach~~ 418.3 Inspected to scope and detail of FAR
43 app. D. Oil and filter previously changed. Compressions: (1)74/80
(2)75/80 (3)76/80 (4)75/80. Spark plugs were serviced or replaced.
Air filter was serviced. Checked controls, hoses and baffling.
I certify that this engine and prop were inspected in accordance
with a conditional inspection and found airworthy.

OF
ES.)

Dele E. Hobbs A+P 1920985

1/04/07	832.2			OIL & FILT. CHANGED (AEROSHELL 100) <i>SPB</i> 1615750
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04-09-07 SMOH 470.4 Inspected per FAR 43 app. D for a conditional
inspection. Compressions: (1)73/80 (2)70/80 (3)76/80 (4)76/80. Top
plugs replaced with new, bottom plugs serviced. Oil and filter changed,
air filter serviced. Checked baffling, hoses and controls. I certify that
this engine has been inspected in accordance with a conditional
inspection and found airworthy.

Dele E. Hobbs A+P 1920985

04-22-08 hobbs 898.3 SMOH 5282 Inspected to scope and detail of FAR 43, app. D. Changed oil and filter with CH48110-1 and 7qts, W100 Aeroshell. Compressions: (1)72/80 (2)65/80 (3)76/80 (4)76/80. Top spark plugs replaced with new. Serviced bottom plugs and air filter. Checked hoses, controls and baffling. I certify that this engine and prop have been inspected in accordance with a conditional inspection and found airworthy.

Dale E. Hobbs ADP 1920985

05-08-09 hobbs 924 SMOH 534 Inspected to scope and detail of FAR 43, app. D. Compressions: (1)72/80 (2)70/80 (3)75/80 (4)76/80 Changed oil and filter with CH48110-1 and 7qts. W100 Aeroshell. Serviced spark plugs and air filter. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hobbs ADP 1920985

DATE RE

19__

06-02-10 tach 960 SMOH ⁵³⁰~~639~~ Inspected to scope and detail of FAR 43, app. D. Compressions: (1)74/80 (2)70/80 (3)72/80 (4)72/80 Change oil and filter with CH48110-1 and 7qts. W100 Aeroshell. Serviced air filter and spark plugs. Replaced four rocker cover gaskets with new 75906. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatter A+P 1920985

06-27-11 tach 999.1 SMOH 629.1 Inspected per scope and detail of FAR 43 app. D. Changed oil and filter with CH48110-1 and 7qts. W100 Aeroshell. Compressions:(1)76/80 (2)70/80 (3)76/80 (4)76/80. Replaced top spark plugs with new Autolite 386. Replaced #4 rocker cover gasket with new 75906. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatter A+P 1920985

OF
IES.)

06-19-12 tach 1092.2 SMOH 761.3 Inspected per scope and detail of FAR 43 app.D. Oil and filter changed with CH48110-1 and 7qts W100 Aeroshell. Compressions: (1)72/80 (2)68/80 (3)75/80 (4)69/80. Replaced top spark plugs with new Autolite 386. Serviced bottom plugs. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatten ADP 1920985

06-19-13 tach 1130.4 SMOH 799.5 Inspected per scope and detail of FAR 43 app. D. Changed oil and filter with CH48110 and 7qts W100 Aeroshell. Compressions: (1)73/80 (2)66/80 (3)74/80 (4)70/80. Replaced top spark plugs with new Autolite 386, serviced bottom plugs. Inspected prop, spinner and back plate. I certify that this engine and prop have been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatten ADP 1920985

Prop & Alternator Replaced (and Voltage Regulator)

DATE 2013	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.)
10/16	1169.2			Oil change Amsted 100 J. White 1461955
5/10/14	1244.3			Oil change Amsted 100 & filter J. White 1461955 CFPI FTF
11				

07-01-14 tach 1260.0 SMOH 929.1 Inspected to scope and detail of FAR 43 app. D. Compressions: (1)70/80 (2)70/80 (3)70/80 (4)68/80. Replaced top spark plugs with new Autolite 386. Serviced bottom plugs, replaced #3 with new REM40E. Serviced air filter element. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight

Robert Walker A+P1920985

7/11/15	1345			Oil change & filter J. White 1461955 FTF
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08-03-15 tach 1355.0 SMOH 1024.1 Inspected to scope and detail of FAR 43 app. D. Compressions: (1)76/80 (2)70/80 (3)71/80 (4)75/80. Serviced air filter. Replaced top spark plugs with new Autolite 386. Replaced 2 bottom spark plugs with new REM40E. Oil and filter changed with CH48110-1 and 7qts W100 Aeroshell. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatter A&P 1920985

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IES.)

09-01-16 tach 1412.8 SMOH 1081.9 Inspected to scope and detail of FAR 43 app. D. Compressions: (1)75/80 (2)74/80 (3)76/80 (4)70/80. Top spark plugs replaced with new Autolite 386. Serviced bottom plugs. Oil and filter changed with CH48110-1 and 7qts W100 Aeroshell. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a condition inspection and found safe for flight.

Dale E. Hatter A&P 1920985

D.

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08-12-17 tach 1511.8 SMOH 1120.9 Inspected per scope and detail of FAR 43 app. D. Compressions: (1)76/80 (2)70/80 (3)74/80 (4)74/80. Changed oil and filter with CH48110 and 7qts W100 Aeroshell. Replaced top spark plugs with new Autolite 386. Serviced bottom plugs. Checked hoses, baffling and controls. Replaced intake air filter with new. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatten A+P 1920783

09-12-18 tach 1612.15 SMOH 1279.9 Inspected to scope and detail of FAR 43 app. D. Changed oil with 7qts W100 Aeroshell. Compressions: (1)78/80 (2)68/80 (3)70/80 (4)78/80. Replaced top spark plugs with new Autolite 386. Checked baffling, hoses and controls. Replaced scat hose to heater inlet. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Hatten A+P 1920783

DATE 2018	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 2/18	16130			Replaced Duesenberg 680 Battery J. W. Hefner DFR

10-09-19 tach 712.2 SMOH: 1379.9 Inspected to scope and detail of FAR 43 app. D. Changed oil with 7qts. W100 Aeroshell. Compressions: (1)78/80 (2)70/80 (3)76/80 (4)78/80. Checked baffling, hoses and controls. Serviced spark plugs. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Done E. Hefner A&P 1920785

11-03-2020 tach 735.2 SMOH 1402.9 Inspected to scope and detail of FAR 43 app. D. Changed oil and filter with CH48110 and 7qts. W100 Aeroshell. Compressions: (1)76/80 (2)70/80 (3)76/80 (4)76/80. Top plugs replaced with new Autolite v386. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Done E. Hefner A&P 1920785

DATE 2021 19	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.)
6/21	1607.7			Replaced ICOM 200 with ICOM 210 J. Andy Cull ATP 1461955
7/19/21	1625.7			VFR N624DG The tests required by FAR 91.413, & 91.217 have been performed in accordance with FAR 43 appendix F. W.O. # R3368 Tested to 20 feet Transponder KT76A s/n 135036 Altitude Reporter AK-350 s/n 41A Signed [Signature] Date 7-19-21 Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X
7/19/21	1625.7			ELT Battery Check - OK J. Andy Cull ATP 1461955

DATE 2021 79	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.)
11/6/21	1646.1			Replaced Odyssey 680 Battery from BG Herries P/45 on Danlaughton J. Anthony C. 1461955 ATP

11-27-2021 tach: 1649.2 SMOH: 1425.9 Inspected per scope and detail of FAR 43 app. D. Changed oil and filter with CH48110-1 and 7qts. W100 Aeroshell. Compressions: (1)70/80 (2)72/80 (3)70/80 (4)74/80. Replaced bottom plugs with new REM40E. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Date = 11/27/21 JAC 1920985

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SMOH

DATE 2021	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.)
11/27	1649.2			Replaced Alternator VIKAS ES Alternator ^{Deluxe} (Date Added) 60A Kit w/10V Protection
12/27	1650.0 - 370 =	1280		ECOM A210 Sent out for Repair and Replaced / Rebuilt 15TP 1461955

2022

06-26-2022 tach: 1688.2 SMOH: 1464.9 Inspected per scope and detail of FAR 43 app. (d). Changed oil and filter with CH48110-1 and 8qts. W100 Aeroshell. Compressions: (1)70/80 (2)74/80 (3)70/80 (4)74/80. Serviced spark plugs and air filter. Checked baffling, hoses and controls. I certify that this engine has been inspected in accordance with a condition inspection and found safe for flight.

DATE 06/26/22 BY 1920983

SMOH

06/25/2023 tach: 1758.7 SMOH: 1688.2 Inspected per scope and detail of FAR 43 app. D Changed oil and filter with Ch48110-1 and 7qts. W100 Aeroshell. Compressions: (1)70/80 (2)74/80 (3)72/80 (4)72/80. Replaced top spark plugs with new Autolite 386. Serviced bottom plugs and air filter. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a condition inspection and found safe for flight.

Dale H. Hatcher ASD 1720985

6/29/23 1758.7

Replaced Odyssey 680 Battery under
warranty - Expires 11/23 from Batteries
Plus on Dunlapton

DATE

19__

6/25/2024 tach: 1860.0 SMOH: 1789.5 Inspected per scope and detail of FAR 43 app. D. Changed oil with 6qts. W100 Aeroshell and CH48110-1 filter. Compressions: (1)70/80 (2)72/80 (3)72/80 (4)72/80. Serviced spark plugs and air filter. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a condition inspection and found safe for flight.

Dale E. Galt A+P 1920985

6/18/2025 tach: 1922 SMOH: 1851.5 Inspected per scope and detail of FAR 43 app. D. Changed oil and filter with 6qts. W100 Aeroshell and CH48110-1 filter. Compressions: (1)70/80 (2)72/80 (3)74/80 (4)74/80. Replaced bottom spark plugs with new REM40E. Checked controls, hoses and baffling. I certify that this engine has been inspected in accordance with a conditional inspection and found safe for flight.

Dale E. Galt A+P 1920985