

Aircraft Record General Information

Manufacturer ATTAWAY Model RV-6

Serial 60504 Registration Number N440E

Date of Manufacture July 28, 2004

Engine(s) currently installed:

Manufacturer ECI, ATTAWAY Model I0360 A1A Serial 1000

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:


Manufacturer Hartzell Model HC-C2YR-1BF

HUB Model CH37843B Serial CH37843B Serial _____

Blade Model F7496-2 Serial J99174 Serial _____ Serial _____

Blade Model F7496-2 Serial J99171 Serial _____ Serial _____

3-21-07 Wheel Wind RV200 Prop C5263



YEAR:	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
DATE		Empty Weight	Empty C.G.	Useful Load	Remarks
		ATC Transponder tests required by FAR 91.413 were performed this date and found to comply with FAR Part 43, Appendix F. Next certification due July 2006 Make <u>Garmin</u> Model <u>GTX327</u> S/N <u>83715268</u> Details on file under WO# 4883 Signed  7/29/2004 Exec Avionics • FAA CRS# DLHR230D			
7-29-04	-0-	1123	70.19 in.	677 lbs	R. G. Gentry
7-29-04		1123			

YEAR: <u>04</u> 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.)
7-29-04	-0-		-0-	Installed New ELT Battery AB CATANA ATP 466723916
7-31-04	4.2	4.2	4.2	Test FLYING TURNS, ENGINE BREAK IN
8-1-04	18.9	4.3	8.5	Test Flying Systems Reliability Test
8-2-04	18.5	2.2	10.7	Test FLYING
8-2-04	10.7	3.2	13.9	Test FLYING
8-2-04	13.9	0	13.9	Changed oil & filter refilled with Phillips XC Robbie Ottaway ATP 466723916
8-3-04	13.9	4.1	18.0	Testing
8-4-04	18.0	3.7	21.7	Testing
8-6-04	21.7	3.3	25.0	Testing
8-6-04	25.0	3.1	28.1	Testing
8-7-04	28.1	3.2	31.3	Testing

YEAR: 04 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.)
8-8	31.3	2.2	33.5	Testing
8-8	33.5	2.9	36.4	Testing
8-10	36.4	-	36.4	Removed and replaced oil cooler with a cooler that has more Rows R. C. H. at P466723916
8-11	36.4	3.1	39.5	Testing oil cooler works good enough in this heat if you use a lower climb power setting.
8-12-04	39.5	1.2	40.7	Flying time OFF. Aerobatic maneuvers tested: ROLLS, Hammer head stalls, loops, Immelman turns, spins. R. C. H.

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>Hours have been completed AND the AIRCRAFT is of speeds AND throughout ALL MANEUVERS to be executed, its or design features, AND is SAFE for operation. has been demonstrated during the Flight testing; AND the weight 1581 AND CG location 73.75 at which they Now been moved to phase II Flying.</p>

Pilot

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.)
				Static system tests and inspections required by FAR 91.411 were performed and found to comply with Part 43 Appendix E.
				Details on file under W.O.# 4916
				Signed  8/17/2004 Exec Avionics FAA CRS# DLHR230D
				P/N EFIS-D-10 S/N 001572 This Altimeter has been certified per FAR 91.411 IAW Part 43 Appendix E. to 20,000 ft.
				Details on file under W.O.# 4916
				Signed  8/17/2004 Exec Avionics FAA CRS# DLHR230D

YEAR: 2004 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.)
10-1-04	48.1		48.1	Change oil and filter. filled with Phillips X-C 20W50 Phillips oil filter was opened, <u>No</u> unusual particles were found.
2-10-05	85.2		85.2	Charged oil & filter. Replaced filter filled with 8 qts Phillips X-C 20W50 Phillips A/P 466723916
4-9-05	92.0		92.0	Replaced #4 EPT Trans Phillips A/P 466723916
5-7-05	103.8		103.8	Charged oil & filter. Filled with 8 qts Phillips X-C 20W50. Phillips A/P 466723916

YEAR: 2005 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.)
10-1-05	132.3		132.3	<p>Ring throttle + Mixture Cables.</p> <p>I certify this AIRCRAFT HAS been inspected in accordance with the scope and details of APPdx D OF PART 43 AND Found to be in Airworthy condition. 10-1, 2005 76 76 75 76 Robbie Ottaway ATP 1973411</p>
10-1-05	132.3		132.3	<p>Charged oil + filter</p> <p>Robbie Ottaway ATP 1973411</p>

YEAR: 2005 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.)
10-1-05	132.3		132.3	Removed Sky Dynamics exhaust, sump, + cold Air INTAKE.
				Installed ECI sump, cold Air INTAKE
				With Bendix FI system. Rear Asser Housing
12-23-05	145.3		145.3	Removed Bendix FI system. Installed New ECI FI system with New ECI
				Rear Asser. Housing. Oil Pump From original Asser. Housing WAS used.
				R. Ottumby A/P 1973411
3-29-06	155.1		155.1	Changed engine oil & filter R. Ottumby 1973411
6-3-06	180.3		180.3	Changed engine oil & filter R. Ottumby 1973411

YEAR: 06 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.)
4-15-15 4-15-15	180.3		180.3	Removed Hortzell propeller. Installed NEW O TIME Aero
TRANSPONDER STAT. OCT 502 NOTES				Composites 2 blade propeller. R. Ottaway
10-17-06	198.0		198.0	Removed Aero Composite Prop because of Paint Crack and sent to American Propeller for repair, R. Ottaway
10-17-06	198.0		198.0	Removed and replaced E.C.I cold air induction and sump. Replaced with new production parts, R. Ottaway
10-17-06	198.0		198.0	Installed Prop, see ENGINE log
10-2-06	198.5		198.0	Removed Prop, see ENGINE log
	198.5		198.5	Installed Prop, see engine log

YEAR: <u>06</u> 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.)
11-2-06	198.5		198.5	This AIRCRAFT has been inspected in accordance with the scope and details of Appendix D of Part 43 and found to be in Airworthy condition, 11-5-06 ¹ IT, ² IT, ³ IT, ⁴ IT Public Attorney A/P 1973411 Final
11-2-06	198.5		198.5	Removed FLT Replaced batteries with 8 D cell dated 2013. ^{A/P} Attorney 1973411
4-10-07	225.0		225.0	Installed new Tires & Tubes ^{Attorney}
9-20-07	248.2		248.2	Removed Dynon Pitot Probe AND Installed New Dynon Heated Pitot Probe with HEAT controller. ^{R. Attorney} A/P 1973411

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.)
10-1-07	248.2		248.2	R & R Oil Temp Probe R. Attorney
10-14-07	251.5		251.5	R & R PC 680 Battery with a new one R. Attorney AP 1973411
			251.5	Removed DYNON 10 AND Remote compass AND sent them to DYNON to update to 1000
12-1-07	252.2		252.2	ANNUAL Condition Report This Aircraft has been inspected in accordance with the scope and details of Appendix D of Part 43 and found to be in Airworthy condition. 12-1-07 Cyl # 1, 71, #2, 76, #3, 75, #4, 74 Robbie Attorney AP 1973411

[illegible]

YEAR:

DATE

Classic Aviation Services, Inc.Shenandoah Valley Regional Airport
Weyers Cave, VA 24486W/O # 8120801

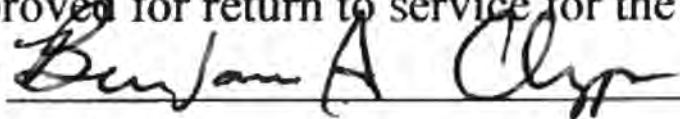
of Technician or Repair

~~NW40E~~ ~~N132FW~~Date 12/12/2008 Hourmeter _____ Tach 344.5 A/CTT 344.5AIRFRAME LOG

Soldered in new ground wire for R/H nav. light. Tightened rudder center attach jam nut. Installed new owner supplied prop cable P/N A-1760-30-0455-V and rigged. Adjusted prop governor set screw in "2" turns.

The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.

Signed

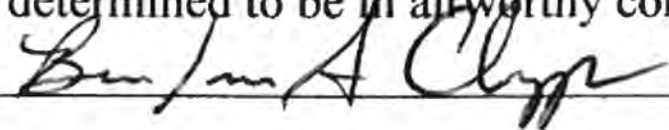
Benjamin Chupp
A&P 3122017

Inspected ACK-E-01 ELT, in accordance with CFR 91.207(d). Ops check normal. Batteries due March 2013.


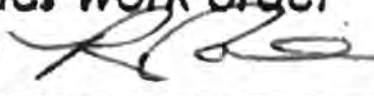
Completed inspection this date in accordance with scope and detail of CFR 43, App. D.




I certify that this Aircraft has been inspected in accordance with a Safe Operation Inspection and was determined to be in airworthy condition.

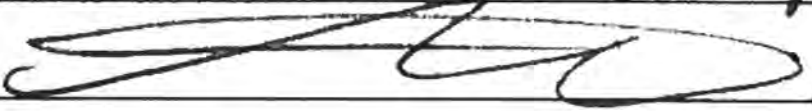


Signed

Benjamin Chupp
A&P 3122017


YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations	_____ Initian or Repair
				Classic Aviation Services, Inc. Shenandoah Valley Regional Airport Weyers Cave, VA 24486	W/O # <u>9110902</u>
				N440E	
				Date <u>11/19/2009</u> Hourmeter <u>485.5</u> Tach <u>390.2</u> A/CTT _____	
				<u>AIRFRAME LOG</u>	
				Tightened R/H aileron pushrod forward jamnut. Retorqued L/H lower engine mount. firewall attach bolt and installed new cotter pin. Removed EFIS and sent to Dynon for repair and reinstalled.	
				The aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and/or inspected in accordance with current Regulation of the Federal Aviation Agency and is approved for return to service for the work performed.	
				Signed <u>Dean Showalter</u> <u>Dean Showalter</u> A&P 3126788 IA	
				Inspected ACK-E-01 ELT, in accordance with CFR 91.207(d). Ops check normal. Installed new batteries. Batteries due March 2015. Remote switch battery due March 2011. Completed inspection this date in accordance with scope and detail of CFR 43. App. D. I certify that this Aircraft has been inspected in accordance with a Safe Operation Inspection and was determined to be in airworthy condition.	
				Signed <u>Dean Showalter</u> <u>Dean Showalter</u> A&P 3126788 IA	

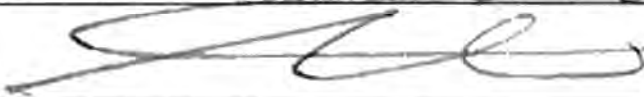
YEAR: 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/1	412.0			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN THE SCOPE AND DETAIL OF FAR 43.13 APPENDIX D AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION  KENT GORDON 2830329 A/P N440E EFIS-D-10 I CERTIFY THAT ALTIMETERS & STATIC SYSTEM TEST REQUIRED BY F.A.R. 91.411 HAVE BEEN PERFORMED. STATIC SYSTEM TEST DATE: PILOT'S ALTIMETER S/N 00157 TEST DATE: 1/2/2011 COPILOT'S ALTIMETER S/N — TEST DATE: — GTX-327 I CERTIFY THAT ATC TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED NO. 1 S/N 83765268 TEST DATE 1/2/2011 NO. 2 S/N — TEST DATE: — This Aircraft was repaired and inspected in accordance with current FAA regulations and is approved for return to service with respect to the work performed. Details are on file under work order Date: 1/2/2011 Signed  Repair Station G3SR222J

YEAR: 2011 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.)
1/28	412.0	1.0	413.0	Removed Propeller and Sent to Whirlwind Aviation for Blade Refinishing Reinstalled Propeller this date IAW 43.13 procedures Reinstalled Spinner and checked Ruost. Installed Vons Pressure Recovery wheel pants and 5.00 x 5 tires, cleaned and Regreased bearings  AIP 2830329 Aircraft Approved for Return to Service 
7-29				Removed MAIN BATTERY AND replaced WITH NEW OPRESSY P680 SC 72 AIP/CEM 2830329
7-29				Removed STANBY IGN BATTERY AND replaced WITH NEW BATTERY. 
01 Jan 12				Installed BACKUP BATTERY DYNON D10A

YEAR: 2012 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.)
3-1			502.2	Replaced Brake discs and pads, cleaned a padded wheel bearings, inspected & lubed all control ends. Replaced Tailwheel arm w/ Flyboys Aero unit. I certify I have inspected this Aircraft in accordance FAR 43.13 App D and found it to be in a condition for safe operation  2830329 A/P
3-1			502.2	Whirlwind prop inspected. I certify this propeller has been inspected in accordance FAR 43.13 App D and found to be in a condition for safe operation  2830329 AP 

YEAR:	RECORD TACH TIME	Description of Inspections, Tests, Repairs and Alterations	Technician or Repair
		DATE: <u>2-2-2013</u> MODEL: <u>RV-6</u>	
		REG. #: <u>N440E</u> SERIAL #:	
		TACH: <u>587.9</u> TOTAL TIME: <u>587.9</u>	
		Cleaned and repacked wheel bearings, repaired ground wire on left nav light, serviced intake air filter, replaced right ignition cable.	
		Lubricated controls as required. Serviced brake reservoir.	
		I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	
		Ray Lawrence 3430640 AP/IA	

YEAR: 2013 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.)
18 Oct	6410.6		6210.6	Removed Existing Instrument Panel and installed newly fabricated Panel including the following Equipment AF 4500 EFIS 61264 AF 4500 EFIS 61265 OIVA GMA 340 GTN 650 Icom IC-200 TR16 TT 21 and AF Pilot. New Switches / CB's. Replaced Alternator w/ Modular unit and external Voltage Regulator. Replaced Engine Sensors with new Advanced Flight System units. New w/Bail performed Rt. 532 Lt. 542 TL 77 Replaced 2 main tires and Brake pads. Cleared & Inspected wheel bearings and Tailwheel. I certify this Aircraft has been inspected IAW AC 43.13 App D and found to be in a condition for safe operation
				 Hunt Lester 2830329 A/P

YEAR: 2013 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.)
10/18			640.6	Installed new O cell EUT Batts (2023) check EUT of  2830322 AP

W/P # 101113

N 440E

AFS 450 # 61264

I CERTIFY THAT ALTIMETERS & STATIC SYSTEM TEST REQUIRED BY
FAR 91.411 HAVE BEEN PERFORMED. STATIC SYSTEM TEST DATE
PILOT'S ALTIMETER SN TEST DATE COPILOT'S ALTIMETER
SN TEST DATE:

I CERTIFY THAT ATC TRANSPONDER TEST AND INSPECTION
REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED NO. 1 SN
TEST DATE NO. 2 SN TEST DATE

This Aircraft was repaired and inspected in accordance with current FAA
regulations and is approved for return to service with respect to the work
performed. Details are on file under work order.

Date: 10/11/2013

Signed 

Repair Station
G3SK2225

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.)
11-23-13				REMOVED & REPLACED SKYICE STARTER



8701 Aviation Blvd Concord NC 28027 (704)795-1600

DATE: 1/24/2014 REG: N440E MAKE: Robert Attaway MODEL: VANS RV6 SN: 6504

TACH: 712.5

Replaced right main tire with new Airtrac 5.00X5 6PLY tire, PN: AA1D4 and Michelin tube PN: 092-308-0. Serviced tire and checked for leaks. No further discrepancy noted. -END-

Michael Dauss

AP3432810



1-20	709.6			REMOVED W/ 200 PROP. REPLACED W/ RV-74
				SN 200-RV-279. Complete prop hub overhaul

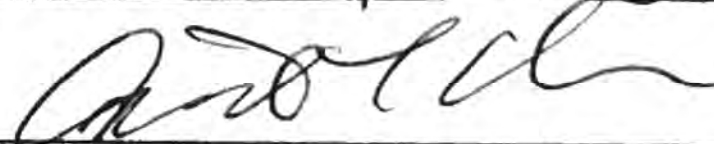
YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3 FEB 2014	715.0			INSTALLED ANTI SPLAT-AERO OIL SEPERATOR IN ACCORDANCE WITH SUPPLIED INSTALLATION INSTRUCTIONS, EQUIPMENT LIST MODIFIED. WEIGHT & BALANCE CHANGE NEGLIGABLE. Van N. J. J. A&P 1626001 1A
06 FEB	715.0			C/W VNNS SB'S # 14-02-05 & 14-01-31 BY INSPECTION FOR CRACKS IN ASSOCIATED AREA. NO DEFECTS FOUND. REINSPECTION REQUIRED AT EACH ANNUAL INSPECTION.
4 DEC 2014	828.1			C/W VAN'S SB'S 14-02-05 AND 14-01-31 BY INSPECTION FOR CRACKS. NO DEFECTS FOUND. Van N. J. J. A&P 1626001 1A


YEAR: 2014 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.)
4 DEC 2014	828.1			JACKED AIRCRAFT & REPACKED WHEEL BEARINGS. INSPECTED
2014				BRAKES, REMOVED PROPELLER AND INSTALLED NEW
				B+C SPECIALTIES 60 AMP ALTERNATOR IAW B+C SPECIALTIES
				INSTALLATION INSTRUCTIONS. INSTALLED NEW ALT BELT
				AND REINSTALLED, TORQUED, & SAFETYED PROPELLER.
				ELT TESTED SATISFACTORILY IAW FAR 91.207(d).
				AIRCRAFT INSPECTED IN ACCORDANCE WITH THE SCOPE
				AND DETAIL OF CFR 43, APP 1 AND FOUND TO BE IN
				A CONDITION FOR SAFE FLIGHT
				Van N. Lawler ATP 1626001 IA


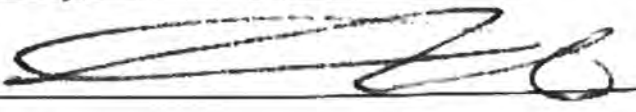
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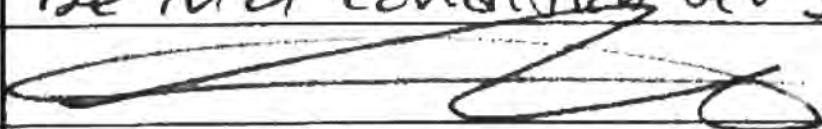

YEAR: 15 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
01 JUL 2015	876.2			New 5.0x5 AIR 1/4W/K TIRES + MICKLEEN AIR STOP TUBES installed, New GROVE brake pads.
28 AUG 2015	910.3			INSTALLED NEW CONTROL STICK ON LEFT SIDE + REPLACED BOTH HAND GRIPS WITH SWITCHES. INSTALLED NEW EARTH X PC 680 MAIN BATTERY Van M. Fowler ADP 1626001
5 JAN 2016	947.9			Opened inspection panels, checked & lubricated controls cleaned & greased wheel bearings, checked brakes, brake fluid Replaced Stop Rub strips, Replaced R brake Caliper Bolt Performed control check, Reviewed all SL's & checked

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.)
				CW SL 14-02-05 by inspection no defects noted
				CW SL 14-01-31 by inspection no defects noted
THIS ADC WAS CERTIFIED TO <u>20K</u> FEET AND COMPLIES WITH FAR 91.411. DATE <u>05 JAN 2016</u> WO# <u>5537</u> Rendrag Aviation, LLC. Thomaston, GA 30286 FAA CRS# 2RGR099C				I certify that this aircraft has been inspected in accordance with the Scope & Detail of FAR 43.13 App D and was found to be in an airworthy condition 
				283032a AP
I CERTIFY THAT THE ATC TRANSPONDER TESTS REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX F.				
#1 MODEL <u>TT22</u> #1 S/N <u>01774</u>				
#2 MODEL <u>/</u> #2 S/N <u>/</u>				
DATE <u>05 JAN 2016</u> WO# <u>5537</u>				
SIGNED: 				
Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C				

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.)
				I CERTIFY THAT THE ALTIMETER/ADC AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND COMPLY WITH FAR 43 APPENDIX E. #1 MODEL <u>AF4500</u> #1 S/N <u>61264</u> #2 MODEL <u>/</u> #2 S/N <u>/</u> #3 MODEL <u>/</u> #3 S/N <u>/</u> DATE <u>05 JAN 2016</u> WO# <u>5537</u> SIGNED: <u></u> Rendrag Aviation, LLC. Thomaston, GA 30286 CRS#2RGR099C
27 ^{MAY} 16				complied with Vans SB 16-03-2 Aft Wing spar web - no cracks or defects noted.

YEAR: 2021 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.)
21 Feb				Removed floor boards and Inspecter covers. Lubricated Bearings, checked operation ReFinished Cones and Gear legs Bearings with House & Colors PAVE Purple and 4.0 clearance. en SB 16-03-22 no defects noted en SB 14-01-31 Hstark cracker No defects noted en SB 14-02-05 Elevator Spc No defects noted cleaned & packed wheel bearings Replaced Alternator belt Reassembled Aircraft. I certify that this aircraft has been Inspected IAW the scope & detail of Appendix A of 43.13 and found to be in a condition for safe operation.  Matt Larson 2830329 A/B

YEAR: <u>2020</u> 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>8-3</u>	<u>1107.0</u>			<p>c/w Vans SB 16-03-28 no defects noted</p> <p>H stub cruds SB 14-01-31 no defects noted</p> <p>Elev spr SB 14-02-05 no defects noted</p> <p>I certify that this Aircraft has been inspected IAW the Scope & Detail of FAR 43.13 App D and found to be in a condition for safe operation Krent Grier</p> <p> 2830324 AIP</p>
<u>3-3</u>	<u>1107.0</u>			<p>I certify that this propeller, Whirlwind 200RV-219 Blades 74RV-12712 & 130 R, has been inspected IAW Scope & Detail of FAR 43.13 App D and found to be in a condition for safe operation </p> <p>2830324 AIP</p>

YEAR: 2018 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.)
10/18				Rebuild Left Rear Boltting Cover due to cracks, Replaced Oil cooler w/ new unit. Performed Annual Condition Inspection, Prepared fuel flow wires. Checked & lubricated Flight Controls & cert that this Aircraft has been Inspected IAW FAR 43.13 Appd and found to be in a condition for safe operation.  2830329 ATP Cw Vans SB -16-03-28 no defects Vans SB -14-01-31 no defects Vans SB 14-02-05 no defects  2830329 ATP

[illegible]

N440E Date: 11/11/18 Hobbs: 1135.5 Engine

Oil and filter change using Tempest AA48108-2 filter and 7 quarts of Phillips 20-50 oil. Removed, examined and reinstalled sump strainer with no debris found. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 11/11/18 Hobbs: 1135.5 Aircraft

Replaced Advanced PFD internal battery (EPG-1137 7.3v, 2150mah). Tested for minimum 45 minute backup time and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/4/19 Hobbs: 1247.0 AFTT: 1247.0 Engine

Checked compressions: #1:73/80, #2:71/80, #3:74/80, #4:52/80 - cold. Inspected all cylinders with borescope and found excessive oil in all cylinders. Removed plane from service and removed engine for shipping to PennYan for overhaul.

Charles Lloyd 2841337

N440E Date: 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Engine
TSMOH: 0

Installed overhauled motor from PennYan with new Barry motor mounts PN Part# 94011-20. Reinstalled all original accessories and replaced hoses, lines and fittings as required with best installation practices. Filled with 9 quarts of Shell W100 mineral oil and test ran to check for leaks. Installed new NGK BR9ES spark plugs.

I certify that this alteration was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Charles Lloyd 2841337

N440E Date: 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Aircraft/Annual

Removed inspection covers, cowlings, fairings and inspected and lubed all flight controls. Checked all flight controls for free and clear operation. Inspected tires and wheel bearings. Inspected brakes, lubed brake parts for smooth operation, cleaned and reassembled. c/w Van's SB 14-01-31, SB 14-02-05 and 99-06-1. No cracks found. Full AD/SB list for Van's RV6 compiled and checked. Found to be in compliance and noted separately. Engine and prop inspected and recorded in respective aircraft logs.

I certify that this alteration/annual was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Propeller
TTPROP: 600.1

Reinstalled Whirlwind 77HRT prop SN # 636. Torqued to manufacturers specifications of 65 ft-lbs. Lubricated per manufacturer recommendations.

I certify that this alteration/annual was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 7/4/19 Hobbs: 1247.0 AFTT: 1247.0 Engine

Checked compressions: #1:73/80, #2:71/80, #3:74/80, #4:52/80 - cold. Inspected all cylinders with borescope and found excessive oil in all cylinders. Removed plane from service and removed engine for shipping to PennYan for overhaul.

Charles Lloyd 2841337

N440E Date: 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Engine
TSMOH: 0

Installed overhauled motor from PennYan with new Barry motor mounts PN Part# 94011-20. Reinstalled all original accessories and replaced hoses, lines and fittings as required with best installation practices. Filled with 9 quarts of Shell W100 mineral oil and test ran to check for leaks. Installed new NGK BR9ES spark plugs.

I certify that this alteration was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Charles Lloyd 2841337

N440E Date: 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Aircraft/Annual

Removed inspection covers, cowlings, fairings and inspected and lubed all flight controls. Checked all flight controls for free and clear operation. Inspected tires and wheel bearings. Inspected brakes, lubed brake parts for smooth operation, cleaned and reassembled. c/w Van's SB 14-01-31, SB 14-02-05 and 99-06-1. No cracks found. Full AD/SB list for Van's RV6 compiled and checked. Found to be in compliance and noted separately. Engine and prop inspected and recorded in respective aircraft logs.

I certify that this alteration/annual was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 11/5/19 Hobbs: 1247.0 AFTT: 1247.0 Propeller
TTPROP: 600.1

Reinstalled Whirlwind 77HRT prop SN # 636. Torqued to manufacturers specifications of 65 ft-lbs. Lubricated per manufacturer recommendations.

I certify that this alteration/annual was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 11/19/19 Hobbs: 1271.3 AFTT: 1271.3 Engine
TSMOH: 24.3

Oil and filter change using Champion 48108-1 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 2/10/20 Hobbs: 1312.75 AFTT: 1312.75 Engine
TSMOH: 65.75

Oil and filter change using Champion 48108-1 filter and 8 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Removed, repaired and remounted oil cooler due to cracks found in mounting flange. Oil cooler is a Meggitt 8432R (or Aero-classics 8001689). Replaced oil separator drain tube. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 2/10/20 Hobbs: 1312.75 AFTT: 1312.75 Aircraft
TSMOH: 65.75

Added RV jackpoints to main gear. Inspected and repacked wheel bearings. Replaced brake pads (Rapco 10900). Replaced Flyboy Accessories tailwheel locking pin & spring (pn 1104), steering link arm (pn 1200-1T), washer and nut (pn 1105, 1106-0002). Rebuilt locking fuel caps with Newton kit for A20L caps. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 5/1/20 Hobbs: 1344.2 AFTT: 1344.2 Engine
TSMOH: 97.2

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Cleaned and inspected oil separator and PVC valve. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 5/1/20 Hobbs: 1344.2 AFTT: 1344.2 Aircraft
TSMOH: 97.2

Replaced tires with Air Hawk 500x5 6 ply and Leakguard 500x5 tubes. Inspected brakes and repacked wheel bearings. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 6/16/20 Hobbs: 1379.2 AFTT: 1379.2 Engine
TSMOH: 132.2

Oil change with 6 quarts of Phillips 20-50 oil. Replaced PVC valve with part number CV8. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/19/20 Hobbs: 1391.9 AFTT: 1391.9 Engine
TSMOH: 144.9

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Removed Lightspeed Engineering hall effect sensors from the engine magneto pads and returned to factory for overhaul. Factory replacement of seals, oil ring, and reassembly per their invoice #15087. Inspected and cleaned DB9 connectors for sensors. Replaced 8 spark plugs with Autolite 396 plugs. Gapped to .024. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/21/20 Hobbs: 1395.7 AFTT: 1395.7 Aircraft
TSMOH: 148.7

Replaced FT-60 fuel flow sensor. Checked calibration for accuracy. Removed Dynon D10a and replaced with GRT Mini-x EFIS (sn 827). GRT Mini-x includes synthetic vision, mapping, separate GPS and separate backup battery. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 10/15/20 Hobbs: 1427.6 AFTT: 1427.6 Aircraft
TSMOH: 180.6

Replaced weather stripping on front of canopy. McMaster-Carr part number 1067A3, high temp, fire rated, hollow rubber seal, surface mount, adhesive back, ½" inch wide. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 11/15/20 Hobbs: 1432.1 AFTT: 1432.1 Engine/Condition Inspection
TSMOH: 185.1

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Inspected and re-gapped plugs to .024. Checked compressions: #1:80/80, #2:70/80, #3:77/80, #4:76/80. Inspected all cylinders with borescope and found no issues. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found.

I certify that this Engine Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 11/15/20 Hobbs: 1432.1 AFTT: 1432.1 Aircraft/Condition Inspection
TSMOH: 185.1

Removed inspection covers, cowlings, fairings and inspected and lubed all flight controls with ACF50. Checked all flight controls for free and clear operation. Inspected tires and wheel bearings. Inspected brakes, lubed brake parts for smooth operation, cleaned and reassembled. Replaced tailwheel with Flyboy Accessories pn #1001. c/w Van's SB 14-01-31, SB 14-02-05 and 99-06-1. No cracks found. Full AD/SB list for Van's RV6 compiled and checked. Found to be in compliance and noted separately. Engine and prop inspected and recorded in respective aircraft logs.

ELT tested IAW FAR 91.207d. ELT batteries dated for replacement in 2023.

I certify that this Aircraft Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 11/15/20 Hobbs: 1432.1 AFTT: 1432.1 Propeller/Condition Inspection
TSPropOH: 185.1 TTPROP: 785.2

Inspected Whirlwind 200RV prop SN # 279. Checked for compliance to all service letter and service bulletins: none applicable found.

I certify that this propeller inspection was completed IAW the scope and detail of FAR Part 43 and Whirlwind Inspection checklist and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 3/5/21 Hobbs: 1458.3 AFTT: 1458.3 Engine
TSMOH: 211.3

Oil change with 6 quarts of Phillips 20-50 oil. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 4/28/21 Hobbs: 1474.6 AFTT: 1474.6 Aircraft
TSMOH: 227.6

Replaced #2 radio ICOM IC-A200 with new ICOM IC-A220 serial number 4106884. Replaced chassis connector with ICOM MBA3 A220 adapter to reuse existing wiring. Ground tested with portable radio to acceptable performance standards. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/9/21 Hobbs: 1486.9 AFTT: 1486.9 Engine
TSMOH: 239.9

Removed Lightspeed Engineering hall effect sensors from the engine magneto pads and returned to factory for exchange. Factory replacement of seals, oil ring, and reassembly per their invoice #15554. Replaced DB9 connectors for sensors. Replaced 8 spark plugs with Autolite 396 plugs. Gapped to .024. Replaced lower ignition wires with new 8mm wires, boots and connectors. Replaced upper #4 ignition wire which was defective. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/14/21 Hobbs: 1491.0 AFTT: 1491.0 Engine
TSMOH: 244.0

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Cleaned and inspected oil separator and PVC valve. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 9/23/21 Hobbs: 1522.9 AFTT: 1522.9 Engine
TSMOH: 275.9

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Cleaned and inspected oil separator and PVC valve. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 2/26/2022 Hobbs: 1561.6 AFTT: 1561.6 Engine
TSMOH: 314.6

Oil change with 6 quarts of Phillips 20-50 oil. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 2/9/22 Hobbs: 1553.2 AFTT: 1553.2 Engine/Condition Inspection
TSMOH: 306.2

Oil change using 6 quarts of Aeroshell 100W mineral oil. Remove, examine and reinstall sump strainer with no debris found. Inspected and re-gapped plugs to .024. Cleaned injectors and reinstalled. Checked compressions: cold @ 54F, #1:76/80, #2:71/80, #3:78/80, #4:failed. Inspected all cylinders with borescope and found no issues on #1 to #3, burned intake valve on #4. Removed #4 and sent to Twin Aircraft Engines on invoice #281 for IRAN. Reinstalled on engine, test run and flown per shop recommendations to seat rings. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found.

I certify that this Engine Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 2/9/22 Hobbs: 1553.2 AFTT: 1553.2 Aircraft/Condition Inspection
TSMOH: 306.2

Removed inspection covers, cowlings, fairings and inspected and lubed all flight controls with ACF50. Removed vertical, rudder and wheel pants for paint touchups. Reinstalled per manufacturers specifications when completed. Checked all flight controls for free and clear operation. Inspected tires and wheel bearings. Replaced brake pads with Rapco 10900, overhauled all 4 master cylinders, brake calipers and parking brake valve. Replaced mixed brake system lines with AN3 Teflon SS jacketed brake lines. Filled, bled and pressure tested brake system with Royco 782 hydraulic oil. Replaced ships battery with new sealed lead acid 12V20Ah/20hr battery. Removed, cleaned and reseated all ADSB & transponder antennas checking for airframe grounds. c/w Van's SB 14-01-31, SB 14-02-05 and 99-06-1. No cracks found. Full AD/SB list for Van's RV6 compiled and checked. Found to be in compliance and noted separately. Engine and prop inspected and recorded in respective aircraft logs.

ELT tested IAW FAR 91.207d. ELT batteries dated for replacement in December 2023.

I certify that this Aircraft Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 2/9/22 Hobbs: 1553.2 AFTT: 1553.2 Propeller/Condition Inspection
TSPropOH: 306.2 TTPROP: 906.3

Inspected Whirlwind 200RV prop SN # 279. Checked for compliance to all service letter and service bulletins: none applicable found.

I certify that this propeller inspection was completed IAW the scope and detail of FAR Part 43 and Whirlwind Inspection checklist and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 7/3/22 Hobbs: 1608.2 AFTT: 1608.2 Engine
TSMOH: 361.2

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Opened and examined removed filter with no metal found. Cleaned and inspected oil separator and PVC valve. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/17/22 Hobbs: 1646.0 AFTT: 1646.0 Engine
TSMOH: 399.0

Oil change with 6 quarts of Phillips 20-50 oil. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 5/14/22 Hobbs: 1587.6 AFTT: 1587.6 Aircraft
TSMOH: 340.6

Replaced ADS/B Freeflight receiver with uAvionix echoUAT model #UAX-90011-01, serial number 100015200. Reused and combined existing connections for new unit. Ground tested with iPad, Advanced EFISs and GRT mini-x to acceptable performance standards. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 6/27/22 Hobbs: 1608.2 AFTT: 1608.2 Aircraft
TSMOH: 361.2

IFR Certification by Ray Allen's Electronics, Inc. Sticker below. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/3/22 Hobbs: 1608.2 AFTT: 1608.2 Aircraft
TSMOH: 361.2

Removed parking brake because of leaking. Ordered parts to repair. Inspected tires and wheel bearings. Inspected and cleaned brake pads and brake calipers. Filled, bled and pressure tested brake system with Royco 782 hydraulic oil. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/7/22 Hobbs: 1610.6 AFTT: 1610.6 Aircraft
TSMOH: 363.6

Replaced ships battery with new maintenance free AGM ETX20L Battery: Voltage: 12, Capacity: 20 Amp Hour, CCA: 310, Height (w/terminal): 6.13", Length: 6.63", Width: 3.44", Weight: 15.5 Lbs. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/9/22 Hobbs: 1618.2 AFTT: 1618.2 Aircraft
TSMOH: 371.2

Replaced Flyboy Accessories RV Rocket Link after old one was broken by ramp handlers. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/17/22 Hobbs: 1646.0 AFTT: 1646.0 Aircraft
TSMOH: 399.0

Replaced tailwheel, lubed tailwheel bearings, deburred keyway for proper operation of tailwheel. Replaced GRT mini-x mount with new 1" less extension to clear access to GTN650 knobs. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 8/23/22 Hobbs: 1646.1 AFTT: 1646.1 Aircraft
TSMOH: 399.1

Replaced pilot and co-pilot carpets and padding. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 1/17/23 Hobbs: 1668.8 AFTT: 1668.8 Engine
TSMOH: 421.8

Oil change with 6 quarts of Phillips 20-50 oil. Opened and examined removed filter with no metal found. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 7/1/23 Hobbs: 1673.1 AFTT: 1673.1 Engine/Condition Inspection
TSMOH: 426.1

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Remove, examine and reinstall sump strainer with no debris found. Inspected and re-gapped plugs to .024. Cleaned injectors and reinstalled. Checked compressions: cold @ 85F, #1:74/80, #2:72/80, #3:73/80, #4:77/80. Inspected all cylinders with borescope and found no issues. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Reviewed AD's for similar series Lycoming with no new AD's found.

I certify that this Engine Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 7/1/23 Hobbs: 1673.1 AFTT: 1673.1 Aircraft/Condition Inspection
TSMOH: 426.1

Removed inspection covers, cowlings, fairings and inspected and lubed all flight controls with ACF50. Checked all flight controls for free and clear operation. Inspected tires and wheel bearings. c/w Van's SB 14-01-31, SB 14-02-05 and 99-06-1. No cracks found. SB-00036 Rev 3 checking appeared to show cracks in the elevator spar. Repair kit ordered SB-00036-KIT6-NONPP. Photos in the series BK650009 - 14 show the suspected cracks before. Elevator skin opened, old parts removed in preparation to discover there were no cracks, it was dirt/oil. Continued with installation of primed parts to correct the issue permanently. Photos of the series IMG_3385 - 93 show the completed repair. Full AD/SB list for Van's RV6 compiled and checked. Found to be in compliance and noted separately. Engine and prop inspected and recorded in respective aircraft logs.

ELT tested IAW FAR 91.207d. Replaced ELT batteries dated for replacement in December 2023 with new dated for December 2028.

I certify that this Aircraft Condition Inspection was completed IAW the scope and detail of FAR Part 43 and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 7/1/23 Hobbs: 1673.1 AFTT: 1673.1 Propeller/Condition Inspection
TSPropOH: 426.1 TTPROP: 906.3

Inspected Whirlwind 200RV prop SN # 279. Checked for compliance to all service letter and service bulletins: none applicable found.

I certify that this propeller inspection was completed IAW the scope and detail of FAR Part 43 and Whirlwind Inspection checklist and was found to be in Airworthy Condition. Cleared for return to service.

Kent Gorton A&P 2830329

N440E Date: 10/7/23 Hobbs: 1675.8 AFTT: 1675.8 Aircraft

Replaced brake rotors (Rapco RA164-01700), replaced brake (Rapco 10900), wheel bearing bearings and races (Timken TMK-SET6). Inspected brake calipers, wheels, torque plate and axle with no defects noted. Replaced Flyboy Accessories tailwheel locking pin & spring (pn 1104), washer and nut (pn 1105, 1106-0002) and lubricated all mains and tailwheel parts. Cleared for return to service.

Charles Lloyd (owner) #2841337

N440E Date: 10/26/23 Hobbs: 1678.0 AFTT: 1678.0 Engine
TSMOH: 431.0

Oil and filter change using K&N HP-1002 filter and 7 quarts of Phillips 20-50 oil. Opened and examined removed filter with no metal found. Cleaned and inspected oil separator and PVC valve. Started and ran engine, checked for leaks with none found. Inspected engine compartment for issues with none found. Re-cowled and cleared for return to service.

Charles Lloyd (owner) #2841337