

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
9/28/15	0000	0000	I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D to Part 43 and has been found to be in a condition for safe operation. [REDACTED]
			9/28/2015
			OCT 28 2015 I have inspected this Airplane and issued FAA Form 8130-7, special Airworthiness Certificate in Experimental Category for purpose to operate this Amateur-Built Airplane with Unlimited Extension [REDACTED]

DATE
2015
11/4
11/27

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2015			
11/4	1.5	1.5	TAXI TESTS - REWORK THROTTLE
			FIRST FLIGHT 11/4/2015 LIFT OFF AT
			@ 45 MPH - THREE CIRCUITS @ 1300
			MSL. TEMPS OK - PROP NGUS
			NOISE PITCH, L.A.S. 80 MPH
			PRELIMINARY STALL 40 MPH POWER
			FLAPS UP - 1 LANDING
11/27	2.3		FLIGHT TESTS STALL 40 MPH
			1 LANDING - NO FLAPS
			FLAPS IVCO SET. TEMPS GOOD
			FLIPS @ 6000 RPM

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
Transponder P/N: <u>AT150</u> , S/N: <u>41994</u> has been tested in accordance with FAR Part 43 Appendix F to comply with FAR 91.413.			
Workorder No. <u>9540</u> Date <u>5-16-16</u>			
Signature 			
RED EAGLE AVIONICS - CRS# EHER536D 302-325-2727 - reainfo@redeagleav.com			
<u>7/16</u>			
<u>5/30</u>	<u>4.3</u>	<u>4.3</u>	<u>FLIGHT TESTS KRVL - 100 72" TWO</u>
<u>5/31</u>			<u>BLADE PROP = MUCH IMPROVED CLIMB</u>
			<u>CRUISE and RPM.</u>

2016

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
6/14	5.1	5.1	LOCAL AREA FLIGHT TEST, TEMPS OK. CRUISE 8000 @ 5800 RPM.
6/15	5.1	6.1	LOCAL AREA - TEMPS < 150° EXCEPT HARD CLIMB THRU 180°
7/14	6.7	6.7	PATTERN WORK
7/14	7.2	6.5	WITH 2 BLADE 72" LVO CRUISE at 70° @ 5400 TEMPS 150 EXCEPT CLIMB OUT 185°.
			3 BLADE LVO PROP TEMPS 150°
7/17	8.1	.9	CHANGE CARBS - TEMPS GOOD AT ALL SETTINGS
8/9	9.0	.9	
8/15	9.8	.8	ALLIENSVILLE / FERGUSON VALLEY

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
11/1/2016	15.5	15.5	COMPRESSION 135# F- 135# R. PLUGS @ .019 GAP - 235 in # PROP @ 195 in # TIRES @ 15 PSI. FLUIDS CHECKED OK
11/3/16	16.5	16.5	3912531 ALBUQUERQUE / ALBUQUERQUE
11/15/16	17.4	17.4	ALBUQUERQUE / NAGINCY
2017			
4/23	18.4	18.4	PATTERN
4/28	19.4	19.4	PATTERN
5/27	20.4	20.4	PATTERN
6/14	22.0	22.0	PATTERN / SLOW FLIGHT / STALLS
6/18	23.0	23.0	PATTERN
6/27	23.5	23.5	PATTERN

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2017			
6/28	24.2	24.2	PATTERN
6/30	25.0	25.0	ALFARATA
7/8	25.0	25.0	NEW SPRINGS ON EXHAUST SYSTEM
7/9	26.3	26	OVERHAUL & REBUILD EXHAUST
7/9	26.3	26.3	ALLENDSVILLE / STRODES MILLS / ALFARATA
7/14	27.0	27.0	NAGINCY - BELLVILLE
7/17	27.5	27.5	PATTERN
7/26	29.1	29.1	SHIRLEYSBURG - GRANVILLE TWP.
7/27	30.3	30.3	LOCK HAVEN & RETURN
7/30	32.05	32.05	KSEG & RETURN
7/31	33.3	33.3	KAOO & RETURN
8/1	35.5	35.5	KAOO - KCAP - KRVL
8/9	37.4	37.4	PATTERN

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
8/1/17	35.5		CLEANED & PURGED FUEL SYSTEM
			NEW PLUGS .020 GAP//238 IN LBS TORQUE
			COMPRESSION F135# A 135#
8/2/17	36.7		PATTERN
8/16	38.3		PATTERN
8/21	39.1		PATTERN
8/23	39.1	MAINT	NEW TIRES - RE PACK WHEEL BUSHINGS
8/24	40.1		PATTERN -
			AIRCRAFT OUT OF PHASE I TESTING

Hobbs: 40.33

N533SE

08-24-2017

TTAF: 40.33

A/C S/N: M002

I certify that the prescribed flight test hours have been completed and the aircraft is controllable throughout its normal range of speeds and throughout all maneuvers to be executed, has no hazardous characteristics or design features and is safe for operation.

The following aircraft operating data has been demonstrated during the flight testing:

Speeds: Vso- 40MPH

Vx- 55MPH

Vy- 60MPH

Weight: 1150 Lbs at CG locations 11.5 " to 16.5" aft of the leading edge of the wing.

4200
4214
96

8/26	41.25	41.25	PATRAN
9/14	42.14	42.14	PATRAN
9/10	43.00	43.00	PATRAN

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
9/16	43.1	43.11	TAXI TESTS

Hobbs: 43.60

N533SE

11-03-2017

TTAF: 43.60

A/C S/N: M002

Performed a conditional inspection in accordance with FAR 43 Appendix D. Cleaned wheel bearings and serviced with grease. Lubricated all flight controls. Serviced fuel gascolator. Re-torqued propeller. Installed new spark plugs NGK P/N: B8ES. Cleaned induction airfilter and serviced with K&N air filter kit.

I certify this aircraft has been inspected in accordance with a conditional inspection and was found to be in a condition for safe flight.

11/24	44.1	44.1	TAXI TESTS
12/1	44.8	44.8	PAITCRU
2/20/18	44.8	45.1	
2/21	45.1	46.1	4 LIDS PAVEMENT

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2/27/18	46.30	46.30	LOCAL AREA
2/28	47.5	47.5	ALLENSVILLE / ALBERTA
4/20	48.7	48.7	ALLENSVILLE / NAGINLEY
5/8	49.8	49.8	STONE VALLEY / GRADVILLE
5/26	50.7	50.7	NAGINLEY / BELLVILLE
5/29	51.8	51.8	CAP / RIDGE FARMS
6/17	53.0	53.0	MT UNION / WAGNER / MCARDLE

Hobbs: 53.50

N533SE

11-08-2018

TTAF: 53.5

A/C S/N: M002

Performed a conditional inspection in accordance with FAR 43 Appendix D. Cleaned wheel bearings and serviced with grease. Lubricated all flight controls. Serviced fuel gascolator. Re-torqued propeller. Installed new spark plugs NGK P/N: B8ES. Cleaned induction airfilter and serviced with K&N air filter kit.

I certify this aircraft has been inspected in accordance with a conditional inspection and was found to be in a condition for safe flight.

2019

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
4/6/19	54.0	54.0	TAXI TESTS - ALL OK
8/31	54.8	54.8	PATTERN TEST FLIGHT
9/3	55.4	55.4	PATTERN WORK TEST FLIGHT

Hobbs: 55.4

N533SE

09-03-2019

TTAF: 55.4

A/C S/N: M002

Performed a conditional inspection in accordance with FAR 43 Appendix D. Cleaned wheel bearings and serviced with grease. Lubricated all flight controls. Serviced fuel gascolator. Re-torqued propeller. Checked spark plugs and re-torqued. Cleaned induction airfilter and serviced with K&N air filter kit.

I certify this aircraft has been inspected in accordance with a conditional inspection and was found to be in a condition for safe flight.

9/10	56.9	56.9	ALLENVILLE/STONE RIDGE AIRSTRIP
11/15	57.3	57.3	PATTERN
12/24	57.9	57.9	PATTERN

DATE 2020	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED	LAND
02/03	58.2	58.2	REDSVILLE AREA	1
06/05	59.0	59.0	PATTERN	7
06/08	59.7	59.7	PATTERN	3
06/09	61.0	61.0	PATTERN AIR WORK	3
06/11	62.0	62.0	ALLENSVILLE / STONE CREEK	1
06/20	63.0	63.0	ENGINE TESTS / PATTERN	1
6/25	64.7	64.7	SAXTON RETURN	1
6/30	65.5	65.5	PATTERN	2
7/11	66.0	66.0	PATTERN	6
7/26	67.6	67.6	ORBISQUA	1
8/21	69.1	1.5	KLIV	2
8/31	69.5	.4	PATTERN	1
9/4	70.1	.6	PATTERN	1
9/7	70.9	.8	ALLENSVILLE	2

DATE

Hobbs 70.9

N533SE

3/1/2021

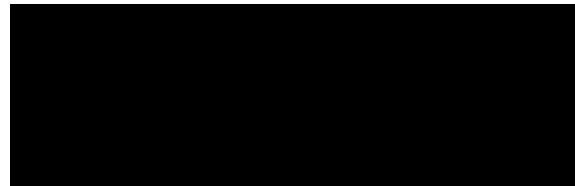
TTAF 70.9

SN:M002

Performed Condition Inspection in accordance with FAR 43 Appendix D.

Cleaned and serviced wheel bearings. Lubricated flight controls. Serviced fuel gascolator. Re-torqued propeller. Checked and re-torqued spark plugs. Cleaned and serviced induction filter.

I certify that this aircraft has been inspected in accordance with a condition inspection and has been found to be in a condition for safe flight.



DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED	LAP
2/1/21	71.2	71.2	PLUGS @ 2400 LBS PROP @ 1950 LBS COMPRESSION = 135F-135R TAXI TEST OK - TEMPS NORMAL	1
3/12	71.9	71.9	PATTERN	3
3/20	72.8	72.8	MCARDLE / WAGNER	1
3/21	73.7	73.7	BILLVILLE / LEWISTOWN	1
3/22	74.8	74.8	LEWISTOWN AREA	3
5/15	76.2	76.2		4
			Aircraft damaged in ground loop incident on take-off 4 April, 2021. Aircraft was removed from service, disassembled and evaluated.	

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
			4. Cracked lower left side longeron immediately ahead of front landing gear bracket, and associated cracked lower crossmember were repaired by re-welding the crack, and then oversleeving the top of the tubing in both locations.
			5. Aircraft was re- assembled on May 5 th 2021, inspected and test run=up and taxi on May 10,2021. All temperatures and parameters were normal.
			6. Aircraft was test flown on May 15, 2021. All temps normal, performance was normal.

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
3/15/21	76.2	76.2	TEST FLIGHT FOR RETURN TO SERVICE AFTER REPAIR.
			ALL FUNCTIONS NORMAL.
			CONDITION INSPECTION PERFORMED
			AIRCRAFT IN CONDITION FOR
			SAFE FLIGHT - [REDACTED]
5/12/21	77.3	77.3	AERIAL MANEUVERS NEAR BELLVILLE
			AIRCRAFT PERFORMANCE NORMAL AT
			ALL ATTITUDES
5/19/21	78.3	78.3	STOOD RIDGE -
5/20/21	78.9	78.9	PATROL 66
6/1/21	79.8	79.8	BELLVILLE/MAGLOEY
6/6/21	81.2	81.2	SARM'S 30

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
7/4/21	81.9	81.9	PATTERN 3
10/11/21	82.5	82.5	PATTERN 2
10/11/21	83.1		TEST FLIGHT TEMPS 140°F 1
12/23/21	83.6	83.6	COOLING SYSTEM DRAINED & FLUSHED 1
12/25/21	83.6	85.6	BELLVILLE & RETURN 1
2022			
1/19	83.8	83.8	TAXI TEST
2/21	84.5	84.5	
3/10	85.1	85.1	PATTERN 3
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED			
IN ACCORDANCE WITH FAR 43 APPENDIX D AND IS			
IN CONDITION FOR SAFE FLIGHT			
4/2/2022		85.1	

4/2/2022
85.1
84.5
83.8
83.6
83.1
82.5
81.9

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED	LND
4/11	85.5	85.5	PATTERN	3
4/13	86.6	86.6	MAITLAND / BELLEVILLE	2
4/23	87.3	87.3	MILROY / NAGIOSKY	1
4/24	87.9	87.9	BELLEVILLE / WAGNER / LEWISTOWN	1
4/30	88.7	88.7	BELLEVILLE / MILROY	3
4/30	89.0	89.0	PATTERN	3
5/5	90.8	90.8	BELLEVILLE / CARM'S	3
5/11	91.7	91.7	MILROY ARAN	1
5/12	92.6	92.6	MILROY / BELLEVILLE	1
5/21	93.8	93.8	BELLEVILLE / GRANVILLE / ALFARATA	1
5/23	94.4	94.4	ALLENDSVILLE	1
5/30	95.6	95.6	AUSOSVILLE / FIEGLERVILLE	1
5/31	96.3	96.3	GRANVILLE / LEWISTOWN	1
5/5	97.2	97.2	MT UNION	1
5/6	98.0	98.0	PATTERN WORK	10

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
7/22/22			
6/8	99.2	99.2	CAP / STONE RIDGE (2)
6/8	99.8	99.8	PATTERN (4)
6/15	101.3	101.3	MIDPONTOWN (4)
6/21	102.2	102.2	PATTERN (6)
6/22	103.2	103.2	PATTERN / DABINCY (7) 4+3P
6/25	104.6	104.6	LOCK HAVEN (2)
6/28	105.2	105.2	PATTERN (2)
7/4	106.6	106.6	ALFARATA (1)
7/11	107.9	107.9	CARMIS (3)
7/13	108.6	108.6	PLANEVIEW (1)
7/16	109.7	109.7	BELLE-FONTE (1)
7/22	111.1	111.1	STONE VALLEY (6)
7/23	112.6	112.6	ALTONA / PORT MATILDA (1)
7/24	113.8	113.8	RAYSTOWN / MT VADON (1)
7/26	115.4	115.4	DUNCANNO / RICHFIELD (1)

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
8/4	117.1	117.1	SEWINGROVE / HALIFAX (1)
8/6	118.5	118.5	ALEXANDRIA / CAP (3)
8/7	119.9	119.9	CARLISLE (1)
8/14	122.0	122.0	BERNODIAN VALLEY (2)
8/17	122.7	122.7	PATTERN (2)
8/20	123.5	123.5	GARM GOSS (2)
8/27	125.2	125.2	PROP TEST
			3 BLADE POWER FLY 46" N.G.
			2 BLADE 72" IVO - GOOD AT ALL
			SETTLES (2)
9/2	126.8	126.8	KAOO (1)
9/24	128.9	128.9	CAP - WODJUK - PLANEVIEW (6)
			DAMAGED LOWER RIGHT LONGERON
			IN HARD LANDING. LONGERON BENT
			AT FORWARD GEAR LEG.

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
10/20/22	129.2		LONGERON STRAIGHTENED AND CROSSMEMBER REPAID REINFORCED BY WELDING IN TRIANGULAR GUSSETS. AREA RE-COVERED AND RE PAINTED. RETURNED TO SERVICE 10/29/2022
10/29	130.2	130.2	TEST FLIGHT 1 HR = PATTERN
11/4	130.9	130.9	OPERATION NORMAL (1)
11/22	131.5	131.5	LOCAL AREA (1)
12/21	131.9	131.9	PATTERN (1)
12/29	132.7	132.7	BARRVILLE (1)
12/30	133.6	133.6	LEWISTOWN (1)

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2023			
1/1	134.2	134.2	
1/5	134.9	134.9	
1/16	135.5	135.5	BELLEVILLE
2/8	136.1	136.1	
2/9	136.6	136.6	
2/20	137.7	137.7	
3/8	137.7	137.7	ENGINE # 4559524 INSTALLED
3/4	138.0	138.0	GROUND RUN IN: SET PROP & IDLE SPEEDS

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
3/6	138.5	138.5	TEST FLIGHT - TAKE OFF EGT 1000/1050 @ 6100 R 50 MPH CRUISE @ 5800 @ 70 MPH EGT F 1100 R 1000 MAX LEVEL 6600 RPM @ 80 MPH IDLE @ 3000
4/4	139.5	139.5	BELLEVILLE / STRODES MILLS /
4/10	140.4	140.4	AIRPORT VICINITY
4/14	141.3	141.3	BELTOWN
4/20	141.8	141.8	PATTERN
4/27	142.4	142.4	LEWISTOWN
			COMPRESSION 130F 130R
5/5/23	142.4		NEW PLUGS .019 @ 234" LBS PROP TO 200" LBS ELT GOOD TO 3/2024

DATE	
5/5	

MAY 5, 2023

Aircraft: N533SE

Make: MCCA A ROBERT T

Model: AVID KITFOX
FLYER

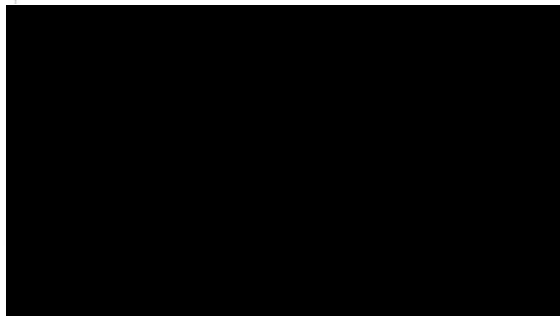
S/N: M002

TACH: 142.4

TTAF: 142.4

1. PERFORMED A CONDITION INSPECTION WITH REFERENCE TO FAR 43 APPENDIX D.

I certify this aircraft has been inspected in accordance with a conditional inspection and was determined to be in a condition for safe flight.



DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
5/6/23	144.1	144.1	
5/12	145.6	145.6	
5/27	146.8	146.8	HUNTINGDON / MT UNION
5/31	148.4	148.4	MIDDLEBORG / PEJOS CREEK
6/11	149.4	149.4	SHIRLEYSBURG
6/18	150.7	150.7	ORBISONIA
6/25	151.4	151.4	PATTERSON
7/3	152.0	152.0	LOCAL AREA
7/5	152.6	152.6	LEGISTOWN
7/6			CAP - STONE RIDGE - PLANEVIEW
			AIRCRAFT DAMAGED IN HARD LANDING
			AT PLANEVIEW. BROKEN LONGERON ON
			LEFT SIDE AHEAD OF FORWARD GEAR LEG
			BROKEN TRUSS WORK AT LEFT DOOR SILL

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
7/8/23	TO 7/22/23		REPAIRS: REPLACE LOWER LEG SECTION FROM CLUSTER AHEAD OF GEAR LEG BY INNER SLEEVE/OUTER SLEEVE WELDMENT. REPLACE SECTION OF LOWER SEAT TRUSS CROSS MEMBER BY INNER SLEEVE METHOD. REPAIR TRUSS WORK BY OUTER SLEEVE WITH 5/8 DIA. ORIGINAL TUBING. FABRICATE & INSTALL GEAR MOUNT BRACKET. COVERS PAINT.
7/24	ENGINE RUNUP TAXI TEST. TEST FLIGHT 2 LANDINGS OPERATION NORMAL - RETURN TO SERVICE	154.8 HRS	
7/26	ALLENSVILLE	155.7	TEST FLIGHT / 3 LANDINGS. ALL OPERATIONS NORMAL. RETURN TO SERVICE.
7/28	156.4	156.4	BELLVILLE/MCVEY TOWN/BURHAM

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2023			
8/1	152.0	152.0	PATTERN
8/3	158.1	158.1	ALLOWSVILLE
8/17	159.4	159.4	MCCLURE AREA
8/27	160.4	160.4	MCCLURE / BANDERVILLE
9/20	161.2	161.2	BIG VALLEY
9/28	161.8	161.8	PATTERN
9/29	162.4	162.4	PATTERN
10/1	163.9	163.9	ORBISONIA
10/13	164.8	164.8	LEWISTOWN
10/24	165.8	165.8	GRANVILLE / BURNHAM
10/26	167.1	167.1	PATTERN / WAGNER
11/12	167.9	167.9	BURNHAM / GRANVILLE
11/15	168.8	168.8	ALLOWSVILLE
11/16	169.7	169.7	MCCLURE
11/30	170.3	170.3	PATTERN

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
2023			
12/16	171.9	171.9	ALTOONA PA
12/25	172.2	172.2	PATTERSON
2024			
1/26	172.2	172.2	PLUGS @ 1019 TORQUE 234" LB5 CROSSHAFT OIL OK COOLANT OK REPLACED 10" RIG RT. CALIPER
1/27	173.3	173.3	DELLVILLE / MEVETOWN / DURNHAM (3)
2/4	174.3	174.3	SNOK - BOSS FIELD (1)
2/8	175.4	175.4	CAP - PLANEVIEW (1)
2/9	176.9	176.9	TYRONE / HUNTINGTON (1)
2/12	177.8	177.8	MT UNION / MILL CREEK (1)
2/26	178.8	178.8	CENTER AIR PARK (1)
3/3	179.6	179.6	WAGNER / MCCABE (1)
3/30	180.2	180.2	ALLENVILLE (1)

DATE 2024	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
4/8	180.7	180.7	PATTERN (1)
4/9	181.2	181.2	ALFARITA
4/22	181.2	181.2	CONDITION INSPECTION
			COMPRESSION 120F 110P
			PLUGS @ .019 TORQUE 234
			PROP TO 9911 LBS
			NEW GEARBOX OIL
			CHECK CROSS SHAFT OIL
			NEW ELT BATTERIES,
			REPLACE RT MAIN BRK 0 RING



APRIL 22, 2024

Aircraft: N533SE

Make: MCCAAROBERT T

Model: AVID/KITFOX FLYER

S/N: M002

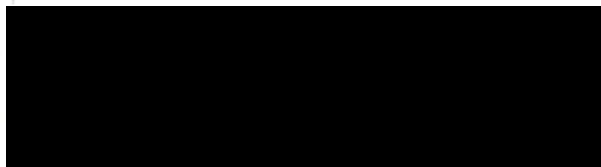
TACH: 181.4

TTAF: 181.4

ENG TT: 181.4

1. PERFORMED A CONDITIONAL INSPECTION WITH REFERENCE TO FAR 43 APPENDIX D.

I certify this aircraft has been inspected in accordance with a conditional inspection and was determined to be in a condition for safe flight.



2024 DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
4/25	182.3	182.3	ALLENSVILLE
4/29	183.2	183.2	GRINVILLE BURNHAM
5/6	184.3	184.3	PATTERN (10)
5/7	185.0	185.0	PATTERN (8)
5/16	185.6	185.6	LOCAL AREA (9)
5/20	186.3	186.3	MCCABE'S FARMS (4)
5/21	187.2	187.2	PATTERN (6)
5/24	187.6	187.6	PATTERN (5)
5/25	189.1	189.1	WAGNER FIELD (3) MCCABE'S FARMS (3)
5/27	190.2	190.2	MCCABE'S / SNOOK / BOSS
6/2	191.5	191.5	SAXTON AREA
			NEW PLUGS 20019 @ 235 IN LBS
			68" POWER FIN PROP
			STATIC 6150 TORQUE 275 IN LBS
			MAIN SET TO 162 CLIP TO POS 3

FULL THROTTLE 975 STATIC & RISE 1000
5800 RPM.

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
6/4	192.7	192.7	PROP TO 7 DEGREES,
6/13	194.2	194.	TEMP 1000 CLIMB 11 CRUISE MAX RPM 6700.
6/13	194.2	194.2	SELIUS GROVE
6/14	195.4	195.4	BIG VALLEY // STONE VALLEY
6/19	197.0	197.6	LOCH HAVEN & RETURN
7/19	198.4	198.4	CAP/HOSTETTER/STONE RIDGE/PINEVIEW
7/26	199.6	199.6	MIDDLERBURG & RETURN
8/6	201.2	201.2	SHORTENED LEFT REAR STRUT / FULL TURN
8/13	202.6	202.6	CAP/STONE RIDGE/PINEVIEW
8/26	203.8	203.8	MILL CREEK & RETURN
8/27	205.1	205.1	HUNTINGDON / LAKE
8/28	206.6	206.6	BERWOOD / TYRONE
9/4	207.5	207.5	WAGNER / MIDDLETOWN / MCCORDLE
9/5	208.3	208.3	AIR WORK PATTER

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
9/17/24	209.0	209.0	BFR MADEOVERS
9/20/24	210.0	210.0	MIFFTON / McCLURE
9/21/24	210.3	210.3	PATERN
10/15	211.0	211.0	BELLEVILLE
10/18	211.8	211.8	ALCENSVILLE
10/19	211.8	211.8	NEW PLUGS .019 @ 240" #
			CARB PLIPS 3 FROM TOP
			COMPR 175 F 115 R
10/19	213.3	213.3	ORRISONIA
10/22	213.6	213.6	LOCAL
10/25	214.5	214.5	BELLTOWN
10/30	215.5	215.5	CARM'S (McCLURE)
11/2	216.0	216.0	PATERN
11/5	216.6	216.6	LOCAL
11/8	217.4	217.4	LEWISTOWN / BURNHAM

DATE 2625	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
11/19	218.1	218.1	BURNHAM LEWISTOWN BELLVILLE
2625			
3/12	218.7	218.7	3 LANDINGS - OG GRASS
3/13	219.5	219.5	BELLVILLE / NAGINEX
4/27	220.2	220.2	PATTERN
5/16	221.2	221.2	BELLVILLE GRADVILLE BURNHAM
5/26	222.0	222.0	ALLENBURY STONE VALLEY
6/4	223.0	223.0	MIDDLETOWN/MCALISTER VILLAGE/MCCLOSKEY
6/5	224.2	224.2	MILL CREEK
6/19	225.2	225.2	MT UNION
6/25	CONDITION INSPECTED IN ACCORDANCE WITH FAR 43 APPENDIX D AIRCRAFT FOUND TO BE IN CONDITION FOR SAFE OPERATION		

Aircraft: N533SE

Make: MCCAAROBERT T

Model: AVID/KITFOX

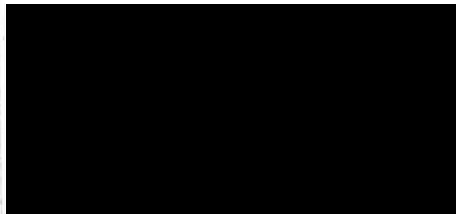
S/N: M002

TACH: 225.2

TTAF: 225.2

1. PERFORMED A CONDITION INSPECTION WITH REFERENCE TO FAR 43 APPENDIX D
2. TESTED ELT WITH REFERENCE TO FAR 91.207(d) AND WAS FOUND TO BE OPERATING SATISFACTORY.

I certify this aircraft has been inspected in accordance with a conditional inspection and was determined to be in a condition for safe operation.



DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
8-15	225.9		New Aircraft log Book started

[illegible]

Airplane Weight and Balance

Builder: ROBERT T MCCA Date: 8/23/2015
 Model: AVIA/KITFOX FLYER Registration: N5335E
 Gross weight: 1150 pounds (lbs.) Serial #: M002
 CG Range: 11" TO 15" inches (in.)
 Datum is: WING LEADING EDGE

<u>Empty Weight & CG</u>	<u>Wt. (lb.)</u>	<u>Arm (in.)</u>	<u>Moment (in.lb.)</u>
Left wheel =	<u>256</u>	<u>-2</u>	<u>-512</u>
Right wheel =	<u>252</u>	<u>-2</u>	<u>-504</u>
Tail =	<u>59</u>	<u>150</u>	<u>8850</u>
Aircraft empty weight =	<u>567</u>		<u>7834</u>
Empty CG =		<u>13.8</u>	

<u>Most Aft Weight & CG</u>	<u>Wt. (lb.)</u>	<u>Arm (in.)</u>	<u>Moment (in.lb.)</u>
Aircraft Empty =	<u>567</u>		<u>7834</u>
Front Seat =	<u>170</u>	<u>16</u>	<u>2720</u>
Front Rear Seat =	<u>170</u>	<u>16</u>	<u>2720</u>
Baggage =	<u>NONE</u>		
Fuel =	<u>144</u>	<u>15</u>	<u>2160</u>
Weight =	<u>1051</u>		<u>15434</u>
CG =		<u>14.6</u>	

<u>Most Forward Weight & CG</u>	<u>Wt. (lb.)</u>	<u>Arm (in.)</u>	<u>Moment (in.lb.)</u>
Aircraft Empty =	<u>567</u>		<u>7834</u>
Front Seat =	<u>170</u>	<u>16</u>	<u>2720</u>
Rear Seat =	<u>NONE</u>		
Baggage =	<u>NONE</u>		
Fuel =	<u>30</u>	<u>15</u>	<u>450</u>
Weight =	<u>767</u>		<u>11014</u>
CG =		<u>14.3</u>	

<u>Flight Test Weight & CG</u>	<u>Wt. (lb.)</u>	<u>Arm (in.)</u>	<u>Moment (in.lb.)</u>
Aircraft Empty =	<u>567</u>		<u>7834</u>
Front Seat =	<u>200</u>	<u>16</u>	<u>3200</u>
Rear Seat =	<u>NONE</u>		
Fuel =	<u>60</u>	<u>15</u>	<u>900</u>
Weight =	<u>827</u>		<u>11934</u>
CG =		<u>14.4</u>	

Notes:

1. The most forward and most aft CG limits are calculated using the FAA standard pilot and passenger weight of 170 pounds.
2. Minimum fuel weight is calculated using the formula: ((Max. continuous hp) / 12) X 6
3. For most aft CG calculation maximize all weight aft of the aft CG limit and minimize all weights forward of the aft CG limit.
4. For most forward CG calculations maximize all weight forward of the forward CG limit and minimize all weights aft of the forward CG limit.
5. Pilot of 170 pounds must be in both Most Aft and Most Forward CG calculations.
6. Weigh aircraft in a level flight attitude.
7. Weight X Arm = Moment
8. Moment / Weight = CG