

Experimental Aircraft Airframe Logbook



Aircraft Record General Information

Builder/Manufacturer: Bruce STAMPER JR.
Model: RV-10 Serial No.: 40146
Registration No.: N924WY Date of Manufacture: 4-23-16

Engine(s) Installed

Manufacturer: _____ Model: _____ Serial No.: _____
Manufacturer: _____ Model: _____ Serial No.: _____

Propeller(s) Installed

Manufacturer: _____ Model: _____
Hub Model: _____ Serial No.: _____ Serial No.: _____
Blade Model: _____ Serial No.: _____ Serial No.: _____
Blade Model: _____ Serial No.: _____ Serial No.: _____

Initial Condition Inspection

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.

Owner's Signature: [REDACTED]

Bruce Stamper Jr. Owner

Date: 4-23-16

Aircraft - Builder

FAA Airworthiness Inspection

23 April 2016

N924WY, Bruce Stamper Jr., RV-10, S/N 40146

TTAF 0.0 hours

I have inspected this aircraft, determined that it meets
The requirements for the certificate requested, and have
Issued a special airworthiness certificate dated 23 April 2016.
The next condition inspection is due 5/2017

Timothy J. Mikus, [REDACTED]

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

1. Make AERO SPORT POWER
2. Model IO-540-D4A5
3. Specification EXPERIMENTAL AIRCRAFT
4. Manufacturer's Serial Number 1542
5. Date of Manufacture JANUARY 29, 2014
6. Aircraft Inspection Cycle

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		INSTALLATIONS, INSPECTIONS
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							

JAN 29/14

0 00

AERO SPORT POWER

Kamloops B.C. Canada

LOGBOOK INSERT

Engine Make: Lycoming

TSOH: 00.00

Engine Model: IO-540-D4A5

Work order: U18538

Engine Serial Number: 1542

Inspection #: 11066

Engine Overhauled for Experimental Aircraft.

It is the owner's responsibility to continue to monitor subsequent AD's, SB's and SI's to ensure they are complied with.

Date: January 29, 2014

TIME	CYCLES
OVERHAUL	500
URS	TOTAL

INSTALLATIONS, INSPECTIONS

NAME/
SIGNATURE

LICENCE:
AMEB
AMO/ACA

AERO SPORT POWER

Kamloops B.C.

LOGBOOK IN

Engine Make: Lycoming
Engine Model: IO-540-D4A5
Engine Serial Number: 1542

Engine Overhauled for Experiment

It is the owner's responsibility
subsequent AD's, SB's and SI's
complied with.

Weather: light snow

Air Temp.: 30 °F

Barometric Pressure: 29.8 " Hg

Humidity: 92 %



Date: January 29, 2014

Tester: Hardley Williams

W/O #: U18538

ENGINE TEST LOG

ENGINE DATA:		Built by: Aero Sport Power				Model: IO-540-D4A5				Serial #: 1542						Owner: Bruce Stamper					
TIME	TIME RUN	RPM	MAN. PRES.	OIL PRESS. FRONT	OIL PRESS. REAR	OIL TEMP	UN FUEL PRESS.	FUEL PRESS.	FUEL FLOW	CHT						EGT					
										1	2	3	4	5	6	1	2	3	4	5	6
12:50	5	1200	14.9	64	75	80	29.9	5	5.8	182	186	164	168	175	177	850	808	835	765	899	807
12:55	5	1500	15.4	65	76	110	29.1	5.1	6.4	211	214	192	201	208	201	932	916	933	848	949	907
1:00	5	2000	19.1	67	77	140	28.4	5.2	11.2	253	245	227	242	243	224	1069	1079	1071	1009	1081	1072
1:05	5	2400	23.1	67	80	190	27.1	6.1	17.5	313	300	270	297	295	277	1130	1140	1137	1089	1142	1140
1:35	30	2700	26.8	65	78	200	24.1	8.8	24.4	307	310	280	303	305	307	1167	1191	1178	1126	1160	1176

COOL DOWN, CHECK ENGINE, WASH, CHECK OIL LEVEL FOR OIL CONSUMPTION RUN

1:50	5	2700	27	75	89	170	24.1	8.8	24.1	293	277	268	275	281	287	1158	1181	1171	1128	1159	1156
2:20	30	2700	27	66	80	200	23.1	8.7	24.2	314	308	287	315	316	308	1167	1183	1176	1087	1154	1186
2:25	5	650	14.1	48	54	190	28.9	5	2.7	230	253	200	225	218	233	730	579	683	601	826	639

PERFORMANCE DATA

Total Oil Con.	<u>0.4</u> pints
Idle RPM	<u>650</u>
Idle Oil Pres.	<u>54</u> PSI @ <u>190</u> °F
Fuel Octane	<u>100 LL</u>
Oil Grade	<u>AEROSHELL 100 MINERAL</u>
RPM Drop	<u>L. Mag. 0</u> <u>R. Mag. 50</u> @ <u>2000</u> RPM
Acceleration check	<u>good</u>
C/C Pressure at Full Throttle	<u>N/A</u>
Governor Pressure Check	<u>12</u> /40 P.S.I.
Rise at Idle Cut Off	<u>25</u> RPM

CYLINDER LEAKAGE CHECK

#1 76	#2 75	#3 76	#4 77	#5 75	#6 76
ACCESSORY DATA					
Inj/Carb	P/N 3015006-1	S/N 70EK2207			
Fuel Pump	P/N AF15473	S/N 03SW18			
Flow Divider	P/N 3015004-1	S/N AEN2805			
L. Magneto	P/N 6351	S/N 13060255			
R. Magneto	P/N 1.16	S/N 44460 C1			
Starter	P/N 149NL	S/N FN-011361			
Crankcase	P/N N/A	M/N 139			
Crankshaft	P/N N/A	S/N 56244			
Cylinders	P/N TISN10.1CA	S/N #1 97877-15, #2 94719-01			
		#3 97850-06, #4 97877-13			
		#5 94707-06, #6 99312-03			

Notes:

Inhibited for storage



WHIRLWIND A V I A T I O N

Manufacturer of Composite Constant Speed Propellers

Owner's Manual 375RV Series

(Rev 2014-3)

Model:	375RV
Serial Number:	375-106
Manufacture Date:	02/16/2015