

Engine Record General Information

Manufacturer Subaru Model EJ25

Serial 592949 Type Certificate _____

This engine is currently installed in aircraft N19VC RV9A

Minimum Octane Fuel 87 octane Oil Grade: Summer 5W30 Winter 5W30

Magneto Time N/A Point Setting N/A Firing Order 1324

Spark Plug Gap 1.0 mm

Manufacturer recommended overhaul at 2000 hours

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2011				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
8/1	∅		∅	I CERTIFY THAT I CHANGED OIL AND FILTER + FUEL FILTER ON 8/1/2011 [REDACTED]
10/4			46	I CERTIFY THAT I CHANGED OIL AND FILTER AND FUEL FILTER ON 10/4/2011 [REDACTED]

CE

and Alterations

Certificate Number of Technician or Repair

LY BALANCED

Operator Comments

023 IN/S @ 2249.7 RPM

Curtis Boulware

7JA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2012				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
4/30	98.6		98.6	100HR INSPECTION: REMOVED CAUL, INSPECTED ALL WIRING HOSES, TUBES. REPAIRED CARBONATOR GASKET, CHANGED OIL/OIL FILTER, PSRU OIL, FUEL FILTER, FUEL PUMP HOSE, CHECK MT BELTS, WIRES, NUTS B2B, SCREWS, CORNER PINS, SPARK PLUGS (REPAIRED) FUEL FILTER - PURALATOR F 54618 OIL FILTER - NAPA PRO 21334 PLUGS - NGK (RESISTOR TYPE) BIKR GE .044 OIL - MOBIL 1 SYN 5W-20 GAP PSRU OIL - MOBIL 1 SYN 75W-90 I CERTIFY THAT I PERFORMED THE ABOVE WORK ON PLANE [REDACTED]

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.)
8/1/12	124		124	I certify that I have performed the Annual Inspection in accordance with all FAA rules and regulations. Victor Coperto Cert # [REDACTED]
10/26/2012	152.1		152.1	I certify that I have changed the oil, oil filter, fuel filter and 27" fuel hose. [REDACTED] Repairman's Cert # [REDACTED]

YEAR: 12 DATE	RECORDING TACH TIME

12/12

AIRCRAFT SPR

PO: 40290

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AIRCRAFT SPR

PO: T0944



395930171

TIRE 1

Technician or Repair

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Oil, oil

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YEAR: 12	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.)
DATE				
				I certify that I have performed the ANNUAL inspection in accordance with FAA rules and regulations. VICTOR COLOMBO REPAIRMENTS CENT. [REDACTED]
12/12			198.0	INSTALLED 'NEW' NOSE TIRE FOR TRIP TO FORT BRAGG, NC. [REDACTED]

AIRCRAFT SPRUCE & SPECIALTY CO
 PO: 402903 LOT: 10-16280

AIRCRAFT SPRUCE & SPECIALTY CO
 PO: T09446 LOT: 30-16319



P/N: 06-07500

LOC: 70BC

395930171

TIRE 11x4.00-5 8 PLY

ALTIMETER

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Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' ± 100'	Hysteresis ±75'	Altitude	Altitude
-1000	0	20	-	0			
0	0	20	-			8000	25
500	-10	20	-	40%		10000	25
1000	0	20	60 70	50%			
1500	0	25	-		After Effect 20 ±30'		
2000	0	30	10 70		Barometric Scale Difference		
3000	+10	30	70	28.10		-1725	-1727
4000	+10	35	-	28.50		-1340	-1340
5000	-	-	60 70	29.00		-870	-863
6000	+75	40	-	29.50		-395	-392
8000	+25	60	-	29.92		0	0
10000	+35	80	40 80	30.50		535	531
12000	+30	90	-	30.90		895	893
14000	+40	100	-	30.99		975	974
15000	-	-	80 90		Altimeter S/N		
16000	+10	110	-		ALTE02030013		
18000	0	120	-		Make		
20000	-45	130	60 100		Falcon ALT20INF-3N	Model/ Part #	
22000		140	-		Master Altimeter P/N & S/N		
25000		155	-		124-00006/418254		
30000		180	140		Date Tested		
35000		205	160		11-2-12		
40000		230					
45000		255					
50000		280	250		Certificate #		

Tested in compliance with FAA FAR 43 Appendix E
 Calibrated to 20K Ft. W.O. # 2327R
 Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X
 386-290-1663

Inspections, Tests, Repairs and Alterations

(Endorsed with Name, Rating and Certificate Number of Technician or Repair person. See pages for other specific entries.)

386-290-1663 JERRY

IFR

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix F. Tested to 20K feet

Altimeter Model ALT20INF-3N s/n ALTE02030013 (pilot)
 Altimeter Model NA s/n NA (co-pilot)

Air Data Computer D1000 s/n 001229
 #1 Transponder SYXPNDR SAGE 01617
 #2 Transponder NA s/n NA

#1 Altitude Reporter D1000 s/n 001229
 #2 Altitude Reporter NA s/n NA

Static System (pilot) OK (co-pilot) NA

W.O. # 2327R FAA CRS # [REDACTED]
 Signature [REDACTED] Date 11-2-12
 Volusia Aviation, Inc. 386-290-1663

YEAR: 13 RECORDING TACH TIME

DATE 4/5

1/5

2/10-2/14/19

4/21

Technician or Repair

YEAR: 13	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.)
DATE 4/5			184.0	INCREASE 'FUEL PRESSURE REGULATOR' TO 38 LBS. FROM 35 LBS. 'A 3 LB. INCREASE'
1/5			184.0	NOTED 'FUEL FLOW' MAY BE OFF BY 1 GAL PER HOUR. SAYS FUEL BURN IS 7 GAL/HR BUT IT APPEARS TO BE 8 GAL/HR. FUEL BURN
2/10 - 2/14 198.0			198.0	OIL CHANGE, OIL FILTER, FUEL FILTER, PSRU OIL @ 50 HRS. MAINT. REPAIRMAN'S # [REDACTED] CLEANED SPARK PLUGS [REDACTED]
4/21			203.	INSPECTED ALT BELT + TIMING BELT [REDACTED] * [REDACTED]

YEAR: 2013	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.)
3/14	208		208	REPLACED GRAPHITE PROP BRUSHES [REDACTED] # [REDACTED]
4/1	215		215	CLEANED IAC (IDLE AIR CONTROL) [REDACTED] # [REDACTED]
4/5	217		217	REPLACED RT DISK BRAKES [REDACTED] # [REDACTED]
4/8	220		220	ATTACHED 'HOLD' WIRE TO 300XL FOR VOR NAVIGATION [REDACTED] # [REDACTED]
5/18	235		235	OIL FILTER, GAS COCKLE CASSET, BRAKES, WING FUEL PICKUP, ACM, CLEANED [REDACTED] # [REDACTED]

YEAR:
2013

DATE
7/30

8/5

9/1-9/12

Technician or Repair

YEAR: 2013	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.)
DATE				
7/30	260	260	260	OIL CHNG, FLITER CHNG, MAINTIRE CHNG, WING FUEL GASKETS REPLACED, INSPECTED BRACKES, HOSES, BRAKE FLUID, WIRES, [REDACTED]
8/5	262.6		262.6	OIL CHG PSRU + 2 MAIN TIRES CHK BRACKES, ADD BRAKE OIL [REDACTED] # [REDACTED] I CERTIFY THAT I HAVE PERFORMED THE WORK ABOVE [REDACTED]
9/1-9/12	278.4		278.4	ANNUAL INSPECTION; REPLACED FUEL HOSES, OIL, FUEL DRAIN GASKETS, FUEL INSCTORS, THUMB BELT SPARK PLUGS CLEANED ' TIMING BELT ' IAC, ETC, I CERTIFY THAT I HAVE PERFORMED THE WORK ABOVE. [REDACTED]

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BRACKES,
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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.)
9/1/912			228.4	
10/19	296M			BIRD STRIKE ON LEFT HS. MUST REPLACE FORWARD SPAR, CENTER RIB + HS SKIN. PARTS APPROVED AWAIT CHRIS PEILEY.
10/25	296M			300 HR MAINT OIL CHANGE ON FILTER GAS FILTER PERL on (18 h 02) I CERTIFY THAT I HAVE PERFORMED THE 100 HR MAINT IN ACCORDANCE WITH FAA REGS. [REDACTED]
10/25	296M			LEFT HS FIXED. I CERTIFY THAT I HAVE FIXED THE LEFT HS ACCORDING TO VANC PLANS, # [REDACTED]

YEAR: _____ DATE	RE TA TIM
11/27	
12/9	3
12/11	3

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.)
				ANNUAL INSPECTION: # [REDACTED] [REDACTED]
11/27				NEW FUEL HOSES, CLAMPS, + FUEL PUMP AIRTEX E B228 FROM ADVANCED AUTO # [REDACTED] [REDACTED]
12/9	311.2			* FUEL LEAK AT ANO AIR FUEL SELECTOR TOP RT VALVE, REMOVED VALVE CLEANED, ADDED 'TREAD SEAL' REPLACED, TESTING # [REDACTED] [REDACTED]
12/11	312.3			* FUEL LEAK FIXED, FLEW ONE HOUR IN PATTERN @ SFB, NO SMELL, NO LEAK. VC

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12/12	322.3		322.3	OIL STREAK ON WINDOW (WINDOW) SHOULD REPLACE PSRU FRONT SEAL SEAL VITON VC
12/26	324.0			PROP WILL NOT REDUCE BELOW 2300RPM. NORMAL CRUISE IS 2200 RPM. MUST REMOVE 'ONE' PROP BLADE AND GREASE THE GEAR INSIDE HOUSING! VC
1/5/14	324.5			FUEL SWELL IN CABIN, AIRCRAFT GROUNDED, NEED TO TAKE PICS. VC

YEAR:

DATE

1/9/14

1/20/14

1/24/14

1/24/14

1/24/14

Technician or Repair

OR)
RT SEAL
VC
2300RPM.
REMOVE
GEAR
PT

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.)
1/9/14	324.5			MAILED ANDAIR FUEL VALVE TO U.K. TO
1/22	324.5			REBUILD. FUEL VALVE RETURNED ON
1/24	324.5			1/22. AWAIT AIP CHRIS REILLEY TO INSTALL. ANDAIR FUEL VALVE INSTALLED, TESTED NO LEAKS.
1/24	324.5			FOUND FUEL LEAK UNDER COWL. REPLACED HOSE + CLAMPS. APPEARS OK. MUST RUN ENGINE TO TEST.
1/24	324.5			FOUND RT MAIN BRAKE LEAKING. REPLACED RT MAIN BRAKES + FULL O

