

*The Standard*  
**ENGINE LOG**

ASA-SE-2

## Engine Record General Information

Manufacturer JACOBS Model R255B2M

Serial 19742 Type Certificate Z57

This engine is currently installed in aircraft: \_\_\_\_\_

Minimum Octane Fuel 80 Oil Grade Summer S4860 Winter S4850

Magneto Time 31° BTDC L&R Point Setting .012 Firing Order 1-3-2-5-2-4-6


Spark Plug Gap .016"

Manufacturer's Recommended Overhaul at 1200 hours

YEAR 2004 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
			1782.6	
9/29				
	0-SMO4			
				Major overhaul of this engine completed as of this date. Engine was test run <u>4.1</u> hrs. Ok.
	4.1 hrs (TEST TIME)			

The component and/or engine identified above was repaired and inspected in accordance with the current Code of Federal Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Work Order No. 10989 Date: 9/29/04

Signed:  (Authorized Signature)

**RADIAL ENGINES LTD. Certificate RAOR194K  
9550 W. SEWARD RD. GUTHRIE. OK 73044**





YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	De En Te
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SUPPLEMENTAL LOG

Reg: N665CK Model: W96JB-4-68  
Date: 03-03-2005 Tach: 12.2

Removed propeller P/N#W96JB-4-68  
with new P/N#W96JB-4-68, S/N#AF7  
checked blade IAW Sensenich Prope  
WSB-1. This maintenance was perfo  
manufacturer's instructions and proce  
approved for return to service with re  
- END -

*Roy S. Koch*  
Roy S. Koch 25529550A&P

3-17-05	25.92	OIL CHANGE	SCREEN CLEAN	AEROSOL 100 STRAIGHT MOWER OIL	CHRIS WHEELER <i>CDW</i>
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1. Approving National Aviation Authority/Country: UNITED STATES	<sup>2</sup> <h1 style="margin: 0;">AUTHORIZED RELEASE CERTIFICATE</h1> <h2 style="margin: 0;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</h2>	3. Form Tracking Number: 011405-01M
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4. Organization Name and Address: Sensenich Wood Propeller Co., Inc. 2008 Wood Court Plant City, FL 33563, USA	5. Work Order/Contract/Invoice Number: M-11068
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Wood Propeller	W96JB-4-68	TC P43EA	1	AF7670	NEW

13. Remarks:

1. AIRWORTHINESS APPROVAL - PROPELLER. FOR DOMESTIC SHIPMENTS ONLY.

14. I certify the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.
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15. Authorized Signature: 	16. Approval/Authorization No.: DMIR511201-CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): Donald J. Rowell	18. Date: January 14, 2005	22. Name (Typed or Printed):	23. Date (m/d/y):

### User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SUPPLEMENTAL LOG BOOK ENTRY

Reg: N665CK      Model: W96JB-4-68      S/N: AF7670  
 Date: 03-03-2005      Tach: 12.2

Removed propeller P/N#W96JB-4-68, S/N#AF6701 and replaced with new P/N#W96JB-4-68, S/N#AF7670 torque propeller and checked blade IAW Sensenich Propeller Co. Service Bulletin No WSB-1. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the aircraft is approved for return to service with respect to the work performed.  
 - END -

*Roy S. Koch*  
 Roy S. Koch 25529550A&P

3-17-05	25.92	OIL	CHANGE	& SCREEN CLEAN AEROSHELL 100 STRAIGHT MINERAL OIL CHRIS WHEELER <i>Chris Wheeler</i>
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YEAR <hr/> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SUPPLEMENTAL LOG BOOK ENTRY

Reg: **N665CK**    Model: **R755B2M**    S/N: **19742**  
 Date: **03-23-2005**    Tach: **30.2**

Adjust engine intake and exhaust valves, torque cylinder base nuts in accordance with Jacobs Service Manual. Ground run engine operates normally at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the aircraft is approved for return to service with respect to the work performed. - END -

*Robert A. Kindig III*  
 Robert A. Kindig III 338580935 A&P

## ENGINE LOG

Make: Waco  
#665CK  
Make: Jacobs

Model: YMF-5C  
Tach: 63.0  
Model: R755B2M

S/N: 106  
TT: 63.0  
S/N: 19742

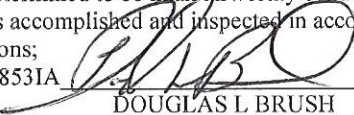
Completed the 100HR inspection I/A/W the Classic Aircraft Corporation Inspection Report, Complied with all applicable AD's thru 2006-12, Compression check as Follows #1 79/80, #2 74/80, #3 79/80, #4 78/80, #5 74/80, #6 79/80, #7 66/80, Removed the number 6 cylinder and sent to Radial engines for repairs WO #1243, Reinstalled the cylinder, resealed the Oil line between #1 and #7 Cylinder and the Oil line on the #6 cylinder, Resealed the fitting with Yamaha Bond provided by Radial engines, replaced The alternator drive seal P/N 471766, the alternator Drive rubbers P/N 62654 35SKY, 2 each, Alternator drive rubber retainer P/N 668-2, removed the Engine driven fuel pump and sent to RB Aero Inc WO# 3517A, reinstalled on The aircraft after the repairs, fabricated a missing fuel Drain line on the engine Driven fuel pump, replaced the fuel injector servo Retaining nuts P/N MS20364 -524C, adjusted the magneto's timing to 31 Degrees BTC, Completed a cylinder Hold down torque check and a valve Clearance check I/A/W the Jacobs service And operator manual, there was no discrepancies noted on the run up

I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and has been determined to be in an airworthy condition and the Work Described above was accomplished and inspected in accordance with The current FAA Regulations;

A&P369708853IA

  
DOUGLAS L BRUSH

April 1, 2006

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	Make: Waco N665CK		Model: YMF-5C Tach: 77.4	S/N: F5C-106 TT: 77.4
	Make: Jacobs		Model: R755B2M	S/N: 19742
	Completed the 100HR inspection I/A/W the Classic Aircraft Corporation Inspection Report, complied with all applicable AD's thru 2007-06, all Of the cylinder's had acceptable compression, replaced the alternator drive Seal P/N 4717661, drained the engine oil and cleaned the oil strainer, Reinstalled with a new gasket, serviced with 20 quarts of AeroShell 100W, Cleaned the spark plugs, checked the magneto's timing, there were no Discrepancies noted on the run up			
	I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and has been determined to be in an airworthy condition and the Work described above was accomplished and inspected in accordance with The current FAA Regulations;			
				A&P369708853IA  April 1, 2007 DOUGLAS L BRUSH

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Supplemental Log book entry  
Annual Engine

Reg: N665CK  
Date: 12-22-08

Model: R755B2M  
Tach: 86.1

S/N: 19742  
SMOH: 86.1

HOBBS: 88.7

Performed **Annual Inspection** in accordance with FAR Part 43, appendix "D" and using the Classic Aircraft Corporation Inspection Report as a guide only. Complied with all applicable AD's thru 2008-26. Compression Test: 1>75/80, 2>77/80, 3>77/80, 4>78/80, 5>77/80, 6>61/80, 7>70/80. Drained Engine Oil. Cleaned and inspected Oil Screen. Refilled Engine with 18 quarts of Aeroshell W100 oil. Removed, cleaned, inspected, and gapped as necessary spark plugs and reinstalled. Remove and reinstall #3 Cylinder following Inspection and Repair IAW Jacobs R775-B2 Overhaul Manual. Cylinder Repair performed by Radial Engines Limited Invoice# 9038. Replaced Exhaust Gaskets on Cylinders #1, #3 and #4 with new P/N#4347. Performed ground run and engines operated normally and no leaks found at this time.

I certify that this Aircraft Engine has been inspected/repared in accordance with an **Annual Inspection** and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. -END-

  
Steven J. Van Antwerp 261511091 IA



**Supplemental Log Book Entry  
Engine**

**Reg: N665CK  
Date: 4/2/14**

**Model: R755B2M  
Tach: 98.3**

**S/N: 19742**

Removed and Reinstalled #1 and #6 Cylinder for Repair by Radial Engines, Limited. Removed and Replaced #1 Cylinder Intake and Exhaust, #2 Cylinder Exhaust, #3 Cylinder Exhaust, #4 Cylinder Intake and Exhaust, #5 Cylinder Intake, #7 Intake and Exhaust with new Chrome Push Rod Tubes, P/N 4337(640), Push Rod Tube Gaskets, P/N 4338 and Rocker Cover Gaskets, P/N 4331. Performed Engine Ground Run and Engine operates normally at this time with no leaks found. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the aircraft is approved for return to service with respect to the work performed. - **END** -

  
Steven J. Van Antwerp, 3361572 A&P IA

**Supplemental Log Book Entry  
Engine**

**Reg: N665CK  
Date: 4/21/14**

**Model: R755B2M  
Tach: 129.5**

**S/N: 19742**

Drained Engine Oil. Cleaned and inspected Oil Screen. Refilled Engine with 18 quarts of Aeroshell W100 Oil. Performed ground run and engine operated normally and no leaks found at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures, and the aircraft is approved for return to service with respect to the work performed. - **END** -

  
Steven J. Van Antwerp, 3361572 A&P IA



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.)

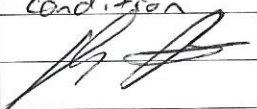
5/11/16                      tach 150

Completed 100 hr. inspection of this engine in accordance with FAR 43 Appendix D. Found to be airworthy and is approved for return to service.

Signed: 

Ryan Huskey    A&P IA 3264787



YEAR <u>2017</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				04/14/2017 ACTT: 160.9 Complied with a 100hr insp on engine all work in reference to FAR 43 appendix D no defects or discrepancies were noted. found to be in an airworth condition for return to service.  2771260 ID
9-20-17/160.9		Run 980.2		Gary W. Luebs 3029945

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.)

**N665CK**   **5-28-2018**   **Actt: 161.4**   **ETT: 161.4**

Complied with **100HR/Annual** Inspection as per

Jacobs Service Manual. Compressions are as

Follows: 1  $\frac{18}{80}$  2  $\frac{80}{80}$  3  $\frac{17}{80}$  4  $\frac{19}{80}$  5  $\frac{17}{80}$  6  $\frac{19}{80}$  7  $\frac{16}{80}$

I certify this engine has been inspected and is in airworthy condition.

Engine approved for return for service

Craig Luster AP3589382IA

