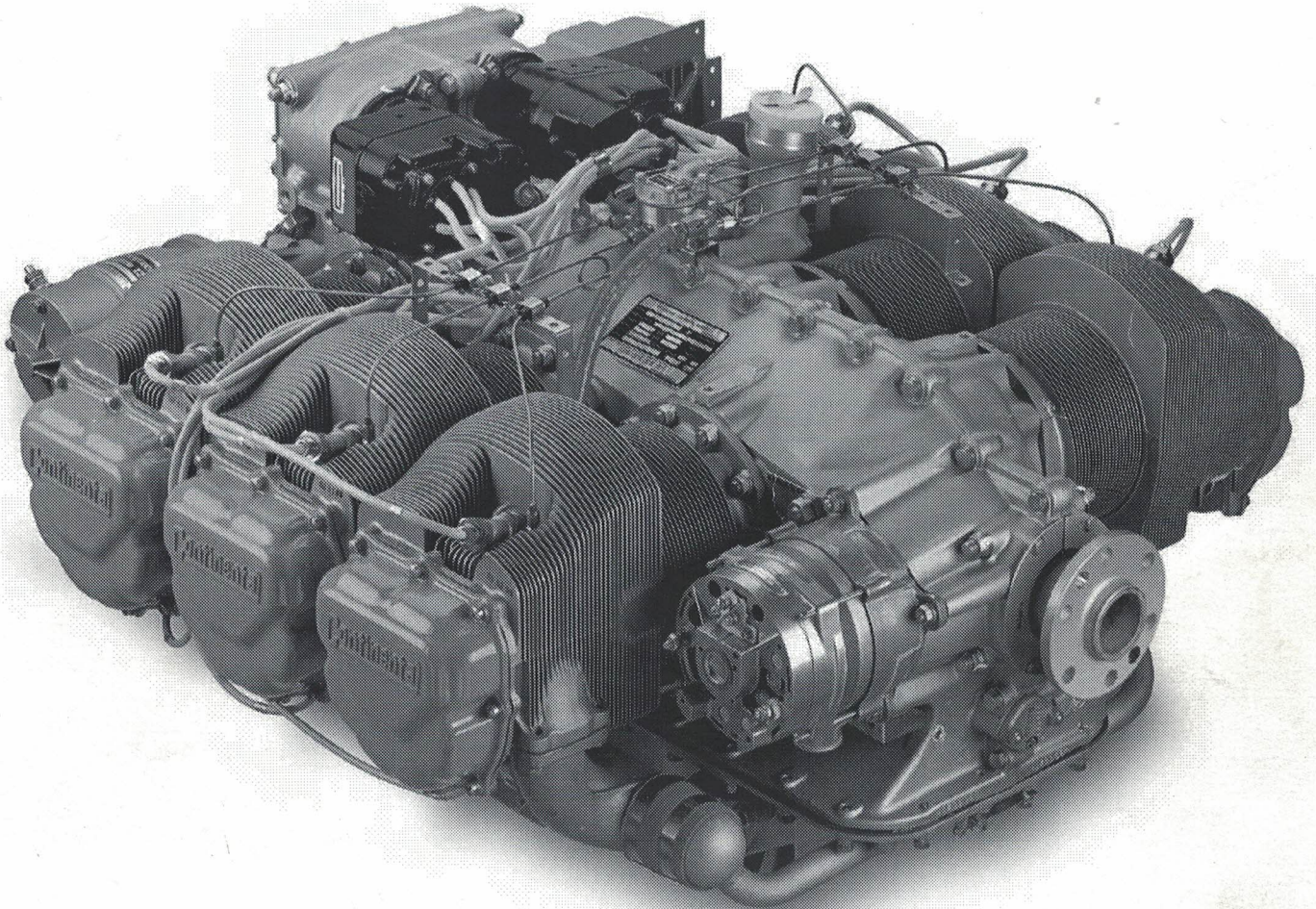


Right

# ENGINE LOG BOOK



**Teledyne Continental Motors, Inc.**

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hrs.	Min.	Hrs.	Min.	
6-9-04	0	0	0	0	Installed this engine on Right side of N32236. Replaced all hoses. Inspected installation and exhaust system added 12 QTS AEROSHELL mineral oil. ground run leak and ops check good. I certify this engine was inspected I.A.W. a annual inspection and was found to be in airworthy condition. Job Man JA 2101474044.
HOBBS.					
1782.3.					
Aug 9, 2004	25	10	25	10	Serviced engine with 12 QTS Aeroshell 100 plus and new CH48108-1 filter. engine run up good, no leaks noted AP 2105344979
Hebbs 14608					
11-24-04.					changed oil + filter added 12QT Aeroshell 100 plus. ground run leak check good. Job Man AP 2101474044
HOBBS.	187	3.			
SMOH	97	3.			
eng T.T.	97	3.			
2-24-05.					CHANGED OIL AND FILTER Added 12 QTS AEROSHELL 100 plus. ground run leak check good Job Man AP 2101474044.
HOBBS.	193	2.8.			
SMOH.	150	.8			
eng T.T.	150	.8.			
05/13/05					DRAIN OIL, REMOVED, CUT AND INSPECTED OIL FILTER. SERVICED ENGINE WITH 12 QTS. OF AEROSHELL 100 MINERAL OIL AND NEW CH48108-1 OIL FILTER. WASH ENGINE, TEST RUN AND CHECK FOR LEAKS.
HOBBS :	197	5.6			
SMOH :	193	.6			
ETT :	193	.6			
					[Signature] AP 21057040

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul		
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
7/12/05					Changed oil + Filter. Added 12 qts Aeroshell 100plus. Cleaned + Gapped spark plugs. checked mag timing + ignition harness. cleaned injector nozzles + screen. Inspected Exhaust system.
A/c Hobbs	201.	4			compression on cyl's #1 74/80 #2 74/80 #3 72/80 #4 72/80 #5 74/80 #6 72/80. checked AD compliance thru BW 2005-13.
Eng. T.T.	229.	1			
					I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. <u>Frank Kurtz IA300564977</u>
					Frank A. Kurtz A. & P. 300564977IA
9/9/05					CHANGED OIL + FILTER ADDED 12 QTS AEROSHELL WIDDT ground run leak check good.
HOBBS	207	6.3			
SMITH	294	0			
ENG T/T.	294	0			Jack Mann AP 2101474044
11/29/05					CHANGED OIL + FILTER ADDED 12 QTS AEROSHELL WIDDT ground run leak check good.
HOBBS	213	1.0			
SMITH	301	3			
ENG T/T.	301	3			Jack Mann AP 2101474044
5/5/06					changed oil + Filter. Added 12qts Aeroshell 100 Ground Ran. NO Leaks Found
EngTT	463.	9			Frank Kurtz A+P300564977
6/22/06					Changed oil + Filter. Added 12qts. AeroShell 100 plus. Ground Ran. NO Leaks found.
EngTT	516.	3			Frank Kurtz A+P300564977
/					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
8/11/06					Changed Oil + Filter. Added 12qts Aeroshell W100. Installed new spark plugs RHB32E.
A/C Hobbs	2338.	5			C/W 500HR inspection on mags. Checked mag timing + ignition harness. cleaned injector nozzles + screen.
Eng TT	556.	2			Inspected exhaust system. Compression on cyl's #1 72/80 #2 70/80 #3 74/80 #4 72/80 #5 70/80 #6 74/80.
					checked AD compliance thru Bw 2006-14.
					I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.
					<u>Frank Kurtz IA 300564977</u>
					Frank A. Kurtz A. & P. 300564977-A
8/12/06					Replaced starter with 646275-1
Hobbs	2339.	0			S/N G060991, O/A by Kelly Aerospace,
Total	556.	7			John A. Rickman 262538133 A&P
11/17/06					Changed oil + filter. Added 12qts W100. Run up and leak check good. <u>CA WLP ARP 590099943</u>
Hobbs	2442.	9			

**R/H Engine Log**

**Beechcraft B58 N3223G S/N TH-1741 2/28/2007**

Complied with engine compression checks

R/H engine, #1=68/80, #2=68/80, #3=68/80, #4=68/80, #5=64/80, #6=72/80



Brian Grothe  
A&P1800620

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

ENGINE MODEL:  
ENGINE S/N (R):  
REG. NO: 823RD  
WORK ORDER: 10549



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 3/24/2007  
A/C TSN:  
ENG TT (R):  
HOBBS: 2486.2

**Right Engine Entries**

Removed and replaced oil in RH Engine with 10 qts of Aeroshell 100W Plus. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 3/24/2007

SIGNED:

Work Order: 10549

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-550C34  
ENGINE S/N (R): 686586  
REG. NO: 823RD  
WORK ORDER: 10844



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 8/24/2007  
A/C TSN: 2548.2  
ENG TT (R): 785.9  
HOBBS: 2548.2

**Right Engine Entries**

I certify that this RH Engine has been inspected in accordance with with an ANNUAL inspection I.A.W. FAR Part 43 Appendix 'C' and has been determined to be in AIRWORTHY CONDITION....&...Removed and replaced oil in RH Engine with 11 qts of 100W Plus. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. Oil Analysis taken....&...Perform RH Engine Compression Check 1) 70 /80 2) 74/80 3)70/80 4) 70/80 5) 71/80 6) 72/80

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 8/24/2007

SIGNED:

Work Order: 10844

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
IO-550C34  
ENGINE S/N (R): 686586  
REG. NO: 823RD  
WORK ORDER: 11003



**Kim Davidson Aviation, Inc.**

Repair Station No. YYKR678L  
2701 Airport Avenue  
Santa Monica, CA 90405  
Phone: (Maint 310-391-6293) (Avionics 310-391-0692)

DATE: 2/12/2008  
A/C TSN: 2598.2  
ENG TT (R): 815.9  
HOBBS: 2598.2

**Right Engine Entries**

Change oil, filter & take analysis. Change oil, filter & take analysis. Add 12 qts. 100w-plus. Run up and leak check good.

**Maintenance Release**

The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.

DATE: 2/12/2008

SIGNED:

Work Order: 11003

Kim Davidson  
Certified Repair Station No. YYKR678L

Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					

MODEL	<u>58</u>	DATE	<u>17-May-08</u>	
S/N	<u>TH-1741</u>	W.O. #	<u>2090</u>	
REG. NO.	<u>N823RD</u>	HOBBS	<u>2620.7</u>	
ENG MOD	<u>10-550-C (34)</u>	ENG S/N	<u>686586</u>	
ENG TSN	<u>        </u>	ENG CSN	<u>        </u>	
ENG TSO	<u>        </u>	ENG CSO	<u>        </u>	
818-756-2100 7240 HAYVENHURST AVENUE VAN NUYS, CALIFORNIA 91406				
<b>ENGINE LOGBOOK INSERT</b> ENGINE POSITION: <u>RIGHT</u>				
1 Comparator #1 68/80, #2 70/80, #3 72/80, #4 70/80, #5 72/80, #6 74/80				
----- END -----				
I certify that with respect to the work performed, this aircraft/engine/propeller/appliance was repaired and inspected in accordance with current FAA regulations. Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.				
<u><i>Garland C. Minter</i></u> Signature		<u>Garland C. Minter</u> Title		
<u>CNZ2924C</u> CRS #		<u>N/A</u> EASA #		
		<u>17-May-08</u> Date		

No Further Entries THIS PAGE  
 5/14/08

# AVIATION LABORATORIES

Important: Please make a copy of this form for your records.

For your convenience, sampling instructions are included on the back of this form.

**\*\* Your Results Will Be Posted On-line and Can Be Printed \*\***  
 Check One  Please Mail My Results  
 Do Not Mail Results, I Will View On-line and Print

RETURN OIL FILTER? YES  NO  Important Note! In order to have your oil filters returned to you UPS ground, please provide payment of \$9.95 for each oil filter by check, PO#, or provide credit card information Card Type \_\_\_\_\_  
 OR Provide Us With Your Shipper (Circle One) UPS or Fed EX Account Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ Amount to Charge \_\_\_\_\_  
 Ship Ground \_\_\_\_\_ Faster

**This Test Kit Includes Only the Test Kit Description Above, Additional Tests Will be Charged Accordingly, Call for Pricing. Metal Particles Should be Attached to the Back of This Form for SEM / EDS Alloy Type Determination.**

**CUSTOMER AND SAMPLE INFORMATION - ALL INFORMATION MUST be Provided for Proper Processing.**

New Owner  New Address   
 Company or Name DONALD MIZSC  
 Address 19723 GREEN BARRIE DR  
 City TARZANA State CA Zip 91352  
 Attention \_\_\_\_\_

For Immediate Notification: \_\_\_\_\_  
 Contact Name \_\_\_\_\_ Cell \_\_\_\_\_  
 Telephone \_\_\_\_\_  
 Fax Number \_\_\_\_\_  
 IMPORTANT Email Address \_\_\_\_\_  
 We Will Notify You by Email When Your Results are ONLINE

Test Kit Part Number GA-001

Test Kit Description : Oil Analysis Test Kit.  
 This kit does not include filter analysis

Ship To: Aviation Laboratories  
 910 Maria Street, Kenner, LA 70062  
 504-469-6751 Fax 504-469-6886 email lab@avlab.com

In order to have your oil filters returned to you UPS ground, information Card Type \_\_\_\_\_  
 Amount to Charge \_\_\_\_\_

Engine or Component Serial Number 686586

Make or Model Comt Tossoc Position R

Cylinders (Important)  Factory Steel  Chrome  
 Nickel  Mixed  Other

Hours 2635 Since New  Since Last Sample UNK

Hours Since Last Sample UNK  
 Hours Since Last Oil Change 36.8

Hours on Oil Filter 36.8  
 Oil Consumption Since Last Sample UNK Qts.

Oil In Use: Brand AS Type 100W+



818-756-2100

7240 HAYVENHURST AVENUE  
 VAN NUYS, CALIFORNIA 91406

## ENGINE LOGBOOK INSERT

ENGINE POSITION: RIGHT

DATE 19-Aug-08  
 W.O. # 21-04-2358  
 HOBBS 2635.0  
 ENG S/N 686586  
 ENG CSN \_\_\_\_\_  
 ENG CSO \_\_\_\_\_

Broug

MODEL 58  
 S/N TH-1741  
 REG. NO. N832RD  
 ENG MOD 10-550C34  
 ENG TSN 852.7  
 ENG TSO \_\_\_\_\_

05-20-00.  
 graph (c) Table

graph (f) no SAP

80.

CH48109-1,

0-02-00-201.

ter P/N  
 and operational

appendix "D"  
 to be Airworthy and

inspector

9-Aug-08

20. Au

22. Na

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 ponents/as

n installation.c  
 technical da

Aircraft or Equipment Type 58 S/N TH1741 Time 2635 Tail Number N823RD

Reason for Sample  Normal  Special Lab Request  Special Customer Request  
 Date Sample Taken Month 08 Day 05 Year 08  
 Has Engine Been Inactive?  How Long? \_\_\_\_\_

Describe Maintenance / Operational Problems Since Last Sample \_\_\_\_\_

FBO or Maintenance Facility \_\_\_\_\_  
 Address 7240 HAYVENHURST AVENUE  
VAN NUYS, CALIFORNIA 91408  
 Telephone REPAIR STATION CN229240  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Contact \_\_\_\_\_  
 Email \_\_\_\_\_

**Product Ordering Information** Check Here \_\_\_\_\_ Please Have a Sales Representative Contact Me \_\_\_\_\_  
 Please Send Me the Following Products \_\_\_\_\_  
 Shipping Preference \_\_\_\_\_  
 Corporate Sales Office 1-800-256-6876 713-864-6677 Fax 713-864-6990 WWW.AVLAB.COM Email sales@avlab.com

Filter Wt \_\_\_\_\_

For Laboratory Particle Analysis Only

Form	Amt	Type
ST ST		
CB ST		
AL ST		
M50		
CU		
AG		
MG		
AL		
GRIT		
MISC		

Comments: \_\_\_\_\_  
 hereunder are being provided by Aviation Laboratories Inc. "AS IS" without any warranties, expressed or implied. IT IS EXPRESSLY AGREED AND UNDERSTOOD THAT NO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER TYPE OF WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY PERSON OR ENTITY, FURTHERMORE, AVIATION LABORATORIES INC. DISCLAIMS ANY LIABILITY FOR INCIDENTAL DAMAGES OR TO ANY WARRANTY THAT ANYONE MAY CLAIM FOR THE SERVICES HEREUNDER.

2008-08-19 12:18  
 (10-9) FAA Form 8130-3 (01)  
 Statements in Blocks 14 and 19 do not constitute certification in all cases.  
 It is important to understand that the existence of this document does not constitute a warranty of any kind. Where the user/installer performs work in accordance with the instructions in Block 1, it is essential that the user/installer ensure that the work is performed in accordance with the instructions in Block 1.  
 \*Journalize to \_\_\_\_\_





MODEL 58  
 S/N TH-1741  
 REG. NO. N832RD  
 ENG MOD 10-550C34  
 ENG TSN 852.7  
 ENG TSO \_\_\_\_\_

818-756-2100  
 7240 HAYVENHURST AVENUE  
 VAN NUYS, CALIFORNIA 91406

**ENGINE LOGBOOK INSERT**  
 ENGINE POSITION: RIGHT

DATE 19-Aug-08  
 W.O. # 21-04-2358  
 HOBBS 2635.0  
 ENG S/N 686586  
 ENG CSN \_\_\_\_\_  
 ENG CSO \_\_\_\_\_

Broug

- 1 C/W 58 Annual Inspection, I.A.W. Hawkerbeechcraft Baron IML Rev.25 Dated July 2008, M/M Ch. 05-20-00.
- 2 C/W AD 2004-08-10 To Prevent Loss of Engine Power due to cracks in cylinder head, per paragraph ( c ) Table 1, Model IO-550 not applicable no further action.
- 3 C/W AD 2007-04-19 R1 To Prevent Cylinder Separation that can lead to engine failure, per paragraph ( f ) no SAP cylinders installed since engine built on 4/2/04, no further action required.
- 4 Accomplished Engine Compression Check #1 60/80, #2 70/80, #3 68/80, #4 70/80, #5 64/80, #6 70/80.
- 5 Accomplished oil analysis using Aviation Laboratories Kit P/N G.A.-001.
- 6 Accomplished oil & filter change, serviced with 11 quarts of Aeroshell 100 Detergent Oil, & Filter P/N CH48109-1, I.A.W. B58 MM CH. 79-30-00-401.
- 7 Installed Chaffe tape to cowling to prevent chaffing of engine cable on cowl, I.A.W. Baron MM CH. 20-02-00-201.
- 8 R/H engine Fire wall installed a doubler to firewall I.A.W. AC43.13-1B Chapter 4 Section 4.
- 9 Removed Starter Adapter for slipping P/N 642083A12, NSN, and Installed Overhauled Starter Adapter P/N 642083A12, Batch # C081408JP, from Pacific Continental Engines, CRS# TZ3R885L, W.O. 23901 and operational checked with no faults noted, I.A.W.TCM IO-550 Overhual Manual.

----- END -----

I certify this aircraft/engine/propeller has been inspected IAW current Federal Aviation Regulations part 43 appendix "D" (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

William R. Barnes  
 Signature

CNZ2924C

CRS #

EASA #

Inspector  
 Title

19-Aug-08  
 Date

10-12-9005

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward		→			

MODEL <u>58</u>		<b>Hawker Beechcraft</b>		DATE <u>20-Feb-09</u>	
				W.O. # <u>21-04-2894</u>	
S/N <u>TH-1741</u>		818-756-2100		HOBBS <u>2673.8</u>	
REG. NO. <u>N832RD</u>		7240 HAYVENHURST AVENUE		ENG S/N <u>686586</u>	
ENG MOD <u>IO-550C34</u>		VAN NUYS, CALIFORNIA 91406		ENG CSN _____	
ENG TSN <u>891.5</u>		<b>ENGINE LOGBOOK INSERT</b>		ENG CSO _____	
ENG TSO _____		ENGINE POSITION: <u>RIGHT</u>			

1 Accomplished oil and oil filter change I.A.W. Beech 58 M/M per chapter 12-10-00. Installed a new oil filter P/N CH48108-1. Serviced with 11 qts of Aeroshell 15-50W oil. Leak checked ok.

2 Accomplished oil analysis using Aviation Laboratories Kit P/N G.A.-001.

----- END -----

I certify that with respect to the work performed, this aircraft/engine/propeller/appliance was repaired and inspected in accordance with current FAA regulations. Only those items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

William R. Barnes *William R. Barnes* Inspector  
Signature Title  
CNZ2924C 20-Feb-09  
CRS # EASA # Date

August 13, 2009  
N823RD Right Engine Continental IO550C  
Serial Number 686586  
Hobbs 2694.2 --- ENG TT 911.9

Planely Yours, LLC  
G. Rushing Services • (805) 338-6964

15. Performed Annual inspection
16. AD 2009-16-03 Superior Airparts Cylinder head separation not applicable per serial numbers installed at this time
17. Continental Critical Service Bulletin MSB09-1 not applicable
18. Compression test  
#1 70/80, #2 70/80, #3 75/80, #4 74/80, #5 71/80, #6 73/80  
Base line 42
19. Performed oil and filter change with 12qts AS15w50 and new CH48109-1
20. Inspected filter for contamination, none present
21. Cleaned fuel strainer and replaced gasket part number 649983
22. Replaced induction air filter part number BA 7705
23. Cleaned gapped and tested spark plugs
24. Washed and lubricated engine
25. Performed engine run up, no leaks
26. Performed Full Power run, no defects, no leaks
27. I certify that the above work was accomplished and inspected in accordance with current federal regulations and was found to be in an airworthy condition pertinent to the work performed and is approved for return to service

*William J. Fryer*  
William J. Fryer AP2616159EA  
August 13, 2009

Total Time		Time Since Last Overhaul	
Hrs.	Min.	Hrs.	Min.

# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Planely Yours, LLC  
 G. Rushing Services  
 29321 Florabunda Road  
 Canyon Country, CA 91387  
 (805) 338-6964

MODEL Beechcraft 58 Baron  
 TH-1741  
 REG. NO. N823RD  
 ENG MOD IO-550-C (34)  
 ENG TSN \_\_\_\_\_  
 ENG TSO \_\_\_\_\_

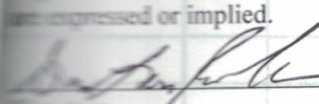
**RIGHT  
 ENGINE  
 LOGBOOK  
 INSERT**

DATE Nov. 18, 2009  
 W.O. 091109-1  
 HOBBS 2707.4  
 ENG S/N 686586  
 ENG CSN \_\_\_\_\_  
 ENG CSO \_\_\_\_\_

Removed, overhauled and reinstalled right hand alternator P/N 649304R; S/N 003G049.

END

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

  
 Signature \_\_\_\_\_ Gary Rushing

AP 2104467  
 License No.

Nov. 18, 2009  
 Date

Planely Yours, LLC  
 G. Rushing Services  
 29321 Florabunda Road  
 Canyon Country, CA 91387  
 (805) 338-6964

MODEL Beechcraft 58 Baron  
 S/N TH-1741  
 REG. NO. N823RD  
 ENG MOD IO-550-C (34)  
 ENG TSN \_\_\_\_\_  
 ENG TSO \_\_\_\_\_

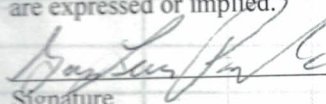
**RIGHT  
 ENGINE  
 LOGBOOK  
 INSERT**

DATE Feb.22 2010  
 W.O. 100222-1  
 HOBBS 2719.4  
 ENG S/N 686586  
 ENG CSN \_\_\_\_\_  
 ENG CSO \_\_\_\_\_

1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W Detergent oil and CH48109-1 filter.

END

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

  
 Signature \_\_\_\_\_ Gary Rushing

AP 2104467  
 License No.

Feb.22 2010  
 Date

Planley Yours, LLC  
 G. Rushing Services  
 29321 Florabunda Road  
 Canyon Country, California 91387  
 805-338-6964

August 14, 2010  
 N823RD Right Engine Continental IO550C  
 Serial Number 686586  
 Hobbs 2740.6 ---- ENG TT 958.3

14. Performed Annual inspection
15. AD2009-19-07C2 EQ3 cylinders not applicable by date of manufacture
16. AD2009-24-53E Hydraulic lifters not applicable by date of manufacture and no lifters replaced
17. Compression test  
 #1 69/80, #2 69/80, #3 75/80, #4 67/80, #5 73/80, #6 70/80  
 Base line 42
18. Performed oil and filter change with 12qts AS15w50 and new CH48109-1
19. Inspected filter for contamination, none present
20. Cleaned fuel strainer and replaced gasket part number 649983
21. Replaced induction air filter part number BA 7705
22. Cleaned gapped and tested spark plugs
23. Washed and lubricated engine
24. Performed engine run up, no leaks
25. Performed Full Power run, no defects, no leaks
26. I certify that the above work was accomplished and inspected in accordance with current federal regulations and was found to be in an airworthy condition pertinent to the work performed and is approved for return to service

  
 William J. Fryer AP26161591A  
 August 14, 2010


Planley Yours, LLC  
 G. Rushing Services  
 29321 Florabunda Road  
 Canyon Country, CA 91387  
 (805) 338-6964

MODEL	<u>Beechcraft 58 Baron</u>	DATE	<u>February 15, 2011</u>
S/N	<u>TH-1741</u>	W.O.	<u>110215-1</u>
REG. NO.	<u>N823RD</u>	HOBBS	<u>2765.6</u>
ENG MOD	<u>IO-550-C (34)</u>	ENG S/N	<u>686586</u>
ENG TSN	_____	ENG CSN	_____
ENG TSO	_____	ENG CSO	_____

**RIGHT  
 ENGINE  
 LOGBOOK  
 INSERT**

1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W Detergent oil and CH48109-1 filter.  
 -----  
 END

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

 Gary Rushing  
 Signature License No. AP 2104467 Date February 15, 2011

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

Brought

MODEL Beechcraft 58  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD Continental IO550C  
ENG TSN 2784.8  
ENG TSO 1002.5

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

DATE September 9, 2011  
W.O. 110824-1  
HOBBS 2784.8  
ENG S/N 686586  
ENG CSN XXXXX  
ENG CSO XXXXX

1. Performed Annual Inspection per Chapter 5-20-00 of the Baron 58 mm
2. Compression test #1 69/80 #2 69/80 #3 71/80 #4 72/80 #5 70/80 #6 72/0 Baseline 42
3. Performed oil and filter change
4. Inspected filter for contamination, none present
5. Serviced with 12qts AS100w oil and new CH48109-1 filter
6. Cleaned gapped and tested spark plugs, no defects
7. Re timed magnetos
8. Performed leak check, no defects

----- END -----  
I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Signature

 William J. Fryer

AP2616159IA  
License No.

September 9, 2011  
Date

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

MODEL Beechcraft 58 Baron  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD IO-550-C (34)  
ENG TSN \_\_\_\_\_  
ENG TSO \_\_\_\_\_

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

DATE March 26, 2012  
W.O. 120316-1  
HOBBS 2799.5  
ENG S/N 686586  
ENG CSN \_\_\_\_\_  
ENG CSO \_\_\_\_\_

1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W detergent oil and CH48109-1 filter.

----- END -----  
I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Signature

 Gary Rushing

AP 2104467  
License No.

March 26, 2012  
Date

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

5,

E

MODEL Beechcraft 58  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD Continental IO550C  
ENG TSN 2826.2  
ENG TSO 1043.9

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

DATE October 4, 2012  
W.O. 120917-1  
HOBBS 2826.2  
ENG S/N 686586  
ENG CSN XXXXX  
ENG CSO XXXXX

1. Performed Annual Inspection per Chapter 5-20-00 of the Baron 58 mm
2. Compression test #1 72/80 #2 72/80 #3 70/80 #4 72/80 #5 68/80 #6 72/0 Baseline 42
3. Performed oil and filter change
4. Inspected filter for contamination, none present
5. Serviced with 12qts AS100w oil and new CH48109-1 filter
6. Cleaned gapped and tested spark plugs, no defects
7. Performed leak check, no defects

END

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

William J. Fryer

AP2616159IA  
License No.

October 4, 2012  
Date

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

MODEL Beechcraft 58 Baron  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD IO-550-C (34)  
ENG TSN \_\_\_\_\_  
ENG TSO \_\_\_\_\_

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

DATE April 25, 2013  
W.O. 130425-1  
HOBBS 2846.3  
ENG S/N 686586  
ENG CSN \_\_\_\_\_  
ENG CSO \_\_\_\_\_

1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W Detergent oil and CH48109-1 filter.

END

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Gary Rushing

AP 2104467  
License No.

April 25, 2013  
Date


# Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date		Total Time		Time Since Last Overhaul	
		Hrs.	Min.	Hrs.	Min.

Brouc

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

MODEL Beechcraft 58  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD Continental IO550C  
ENG TSN 2866.8  
ENG TSO 1084.5

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

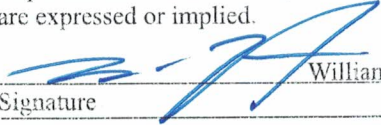
DATE November 2, 2013  
W.O. 120917-1  
HOBBS 2866.8  
ENG S/N 686586  
ENG CSN XXXXX  
ENG CSO XXXXX

1. Performed Annual Inspection per Chapter 5-20-00 of the Baron 58 mm
2. Compression test #1 71/80 #2 72/80 #3 70/80 #4 72/80 #5 71/80 #6 70/0 Baseline 42
3. Performed oil and filter change
4. Inspected filter for contamination, none present
5. Serviced with 12qts AS100w oil and new CH48109-1 filter
6. Cleaned gapped and tested spark plugs, no defects
7. Performed leak check, no defects

----- END -----

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Signature

  
William J. Fryer

AP26161591A

License No.

November 2, 2013

Date

Planely Yours, LLC  
G. Rushing Services  
29321 Florabunda Road  
Canyon Country, CA 91387  
(805) 338-6964

MODEL Beechcraft 58 Baron  
S/N TH-1741  
REG. NO. N823RD  
ENG MOD IO-550-C (34)  
ENG TSN \_\_\_\_\_  
ENG TSO \_\_\_\_\_

**RIGHT  
ENGINE  
LOGBOOK  
INSERT**

DATE May 29, 2014  
W.O. 140529-1  
HOBBS 2892.1  
ENG S/N 686586  
ENG CSN \_\_\_\_\_  
ENG CSO \_\_\_\_\_

1. Performed oil and filter change. Serviced with 11 quarts of AeroShell 100W Detergent oil and CH48109-1 filter.

----- END -----

I certify this aircraft/engine/propeller has been inspected in accordance with current Federal Aviation Regulations Part 43, Appendix D (annual or 100 hour) inspection. Only the items specified in the Work Order have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Signature

  
Gary Rushing

AP 2104467

License No.

May 29, 2014

Date

# AVIATION LABORATORIES

Test Kit Part Number GA-001

Test Kit Description: Oil Analysis Test Kit  
This kit does not include filter analysis

Important: Please make a copy of this form for your records.  
For your convenience, sampling instructions are included on the back of this form.

\*\* Your Results Will Be Posted On-line and Can Be Printed \*\*  
Check One Please Mail My Results  
 Do Not Mail Results, I Will View On-line and Print

Ship To: Aviation Laboratories  
910 Maria Street, Kenner, LA 70062  
504-469-6751 Fax 504-469-6886 email lab@avlab.com

RETURN OIL FILTER? YES  NO  Important Note! In order to have your oil filters returned to you UPS ground, please provide payment of \$9.95 for each oil filter by check, PO#, or provide credit card information Card Type \_\_\_\_\_  
Card /PO#Number \_\_\_\_\_ Expiration Date \_\_\_\_\_ Amount to Charge \_\_\_\_\_  
OR Provide Us With Your Shipper (Circle One) UPS or Fed EX Account Number \_\_\_\_\_ Ship Ground Faster

**This Test Kit Includes Only the Test Kit Description Above, Additional Tests Will be Charged Accordingly, Call for Pricing  
Metal Particles Should be Attached to the Back of This Form for SEM / EDS Alloy Type Determination**

## CUSTOMER AND SAMPLE INFORMATION- ALL Information MUST be Provided for Proper Processing

New Owner  New Address   
Company or Name Fred Kessler  
Address 58 Neitz Rd  
City Northumberland State Pa Zip 17657  
Attention \_\_\_\_\_  
For Immediate Notification:  
Contact Name Same  
Telephone \_\_\_\_\_ Cell 570 847-0826  
Fax Number \_\_\_\_\_ FKessler@  
IMPORTANT Email Address nottingham.village.org  
We Will Notify You by Email When Your Results are ONLINE

Engine or Component Serial Number 686586  
Make or Model IO-550-C Position R  
Cylinders (Important)  Factory Steel  Chrome  
 Nickel  Mixed  Other \_\_\_\_\_  
Hours 1141.3  Since New  SMOH  
Hours Since Last Sample 278.6  
Hours Since Last Oil Change 21.5  
Hours on Oil Filter 21.5  
Oil Consumption Since Last Sample \_\_\_\_\_ Qts.  
Oil In Use: Brand AS Type 100W

Aircraft or Equipment Type 58 Baron S/N TH1741 Time 2913.6 Tail Number N523RD

Reason for Sample  Normal  
 Special Lab Request  
 Special Customer Request

Date Sample Taken 8 / 19 / 14  
Month Day Year  
Has Engine Been Inactive? NO How Long? \_\_\_\_\_

Describe Maintenance / Operational Problems Since Last Sample None Known

FBO or Maintenance Facility Heritage Aviation Contact Michael Zechman  
Address 100 Airport Rd City Selinsgrove State Pa Zip 17870  
Telephone 570 374-7671 Fax \_\_\_\_\_ Email shop@heritageaviationllc.com

Product Ordering Information Check Here \_\_\_\_\_ Please Have a Sales Representative Contact Me  
Please Send Me the Following Products \_\_\_\_\_ Shipping Preference \_\_\_\_\_  
Corporate Sales Office 1-800-256-6876 713-864-6677 Fax 713-864-6990 WWW.AVLAB.COM Email sales@avlab.com

### For Laboratory Particle Analysis Only

Filter Wt	ST ST	CB ST	AL ST	M50	CU	AG	MG	AL	GRIT	MISC



**Print**

**ANALYSIS RESULTS - ENGINE S/N: 686586**

FRED KESSLER  
ATTN:  
58 NEITZ RD  
NORTHUMBERPAND PA 17857

Print Date:9/9/2014  
Engine Model:CONT. 550  
Aircraft Type:BEECH BARON  
Aircraft S/N:TH1741  
Tail No.:N823RD

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See [www.avlab.com/explain](http://www.avlab.com/explain) for detailed explanation of the statistical analysis used with your laboratory results.

**\*\* CURRENT \*\* SEE LAB COMMENTS \*\*** A.L.A.R.M. Meter: Normal Elevated High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***												
Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.	
102.8 (38.8)	2.3 (4.4)	4 (6.4)	5 (5.3)	N/A	N/A	11.4 (6.2)	3525 (3,636)	2.8 (5.4)	N/A	< 0.1 (0.5)	N/A	
*** FILTER ANALYSIS RESULTS ***												
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.		
Amount:												
Type:												
Form:												

NOTE HIGH IRON. IRON CAN TYPICALLY BE FROM CORROSION FROM AIRCRAFT INACTIVITY, WEAR FROM CYLINDERS, ROTATING SHAFTS OR THE VALVE TRAIN. ALL OTHER OIL VALUES APPEAR NORMAL. WE WILL CONTINUE TO MONITOR THIS ENGINE ON YOUR NEXT SAMPLE. PLEASE CONTACT THE ENGINE MANUFACTURER'S SERVICE REP IF FURTHER ASSISTANCE IS NEEDED.


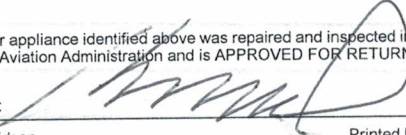
**\*\* PREVIOUS 1 SAMPLE APPEARS NORMAL. Send next sample at normal interval.** A.L.A.R.M. Meter: Normal Elevated High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***												
Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.	
30.8 (N/A)	3.1 (N/A)	4.6 (N/A)	2.6 (N/A)	N/A	N/A	1.5 (N/A)	4091 (N/A)	3.8 (N/A)	N/A	< 0.1 (N/A)	N/A	
*** FILTER ANALYSIS RESULTS ***												
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.		
Amount:												
Type:												
Form:												

**\*\* PREVIOUS 2 SAMPLE APPEARS NORMAL. Send next sample at normal interval.** A.L.A.R.M. Meter: Normal Elevated High

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***												
Iron	Copper	Nickel	Chromium	Silver	Magn.	Alum.	Lead	Silicon	Titanium	Tin	Moly.	
30.0 (40.0)	2.8 (4.1)	3.8 (5.2)	4.1 (5.0)	N/A	N/A	2.4 (5.7)	3680 (4,069)	5.6 (5.3)	N/A	< 0.1 (0.5)	N/A	
*** FILTER ANALYSIS RESULTS ***												
Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.		
Amount:												
Type:												
Form:												

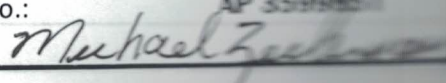
Sample Date: 8/19/2014  
Analysis Date: 9/5/2014  
Sample Number: P33  
Cylinder Type: STEEL  
TSN/TSO: 1141.3  
Oil Hours: 21.5  
Filter Hours: 21.5  
Oil Added:  
Filter Wt. (mgs):  
Flashpoint(deg. F):  
H2O (ppm):  
Total Acid No.:

Date	Total Time		Time Since Last Overhaul		<h2>Engine Service and Maintenance Record</h2> <p>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					ENGINE MODEL: IO-550C34 ENGINE S/N (R): 686586 REG. NO: 823RD WORK ORDER: 17278
					 Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692)
					DATE: 8/7/2014 A/C TSN: 2613.7 ENG TT (R): 831.4 HOBBS: 2613.7
					<b>Right Engine Entries</b> 1.) 66/80 2.) 69/80 3.) 68/80 4.) 70/80 5.) 72/80 6.) 70/80. Master orifice = 43/80.
					<b>Maintenance Release</b> The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE.
					SIGNED:  Kim Davidson Certified Repair Station No. YYKR678L
					Work Order: 17278 Printed by EBis 3 (datcomedia.com)
					1 of 1

**Engine** Right Ser. 686586  
 Date: 8/19/2014 Registration: N832RD  
 Make: Beachcraft Model: Baron 58 Serial No.: TH1741  
 Tach:  
 Hobbs: 2913.6 Total engine time: 1141.3



1) Drained oil 2) replaced oil filter with new CH48109-1 filter and safetied 3) Serviced with 10 qts of Aeroshell 15W-50 oil. 4) Oil filter cut and insp. no evidence of metal production found. 5) Run up and leak check satisfactory. 6) Oil sample taken per customers request. I approve this aircraft for return to service.

Mechanic: **Michael Zechman**  
 Cert. No.: AP 3589851  
 Sign. 

<http://www.aircraftoilanalysis.com/oilresults/viewOilAnalysisWithStats.asp?engine=686586> 9/9/2014

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

November 15, 2014 N823RD TCM IO-550c S/N 686586  
 Hobbs: 2928.4 TSMOH: 1146.1

C/W ANNUAL Inspection I.A.W. CFR43.13(D).

1. Compressions: #1 68/80, #2 68/80, #3 64/80, #4 72/80, #5 68/80, #6 72/80
2. Changed oil and filter. Serviced with 10qts Aeroshell 15/50 oil and CH48109-1 filter.
3. Repaired top ignition leads cyl. #2,3 and 5 with new P/N 10-32326 springs.
4. Installed new P/N 641250 nose case seal.
5. Cleaned and gapped plugs and reinstalled with new M-674 gaskets.
6. Checked AD's to date.
7. Ran up to leak and ops check.

I Certify this ENGINE has been Inspected I.A.W. an ANNUAL Inspection and is APPROVED for Return to Service.

*David Fischer*

David Fischer A&P 3240914 I.A.

Type here - prints onto Avery 5168 labels

**SENENICH PROPELLER SERVICE, INC.**  
 DATE: 1-29-15 CRS: QV9R194N  
 Hobbs/Tach: 2931.2 A/C Reg: N823RD  
 Governor Model: B210800 GovernorS/N: 24915865  
 Governor TTSN: 2931.2 Governor TTSO: -0-

Summary of work performed

*Removed & reinstalled Overhauled  
 Propeller Governor on the Right engine  
 IAW. approved data. Ops & leak checked good.  
 End*

Pertinent details of this repair or overhaul are on file at this repair station under work order # 126397

Signed Mark J. Allen for Sensenich Propeller Service, Inc., 519 E. Airport Rd. Lititz, PA 17543

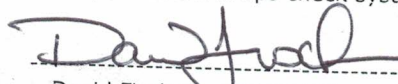
"This signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK WE HAVE PERFORMED.

We have not performed nor been authorized to perform any inspection of this aircraft nor have we reviewed or been authorized to review the maintenance records, including Part 39 compliance.

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

June 22, 2015 N823RD TCM IO-550C S/N 686586  
Hobbs: 2955.6 TSMOH: 1173.3

Changed oil and filter. Serviced with 11qts Aeroshell 100W plus oil and CH48109-1 filter. Ran up to leak and ops check systems.

  
-----  
David Fischer A&P 3240914

Energy Aviation  
580 S. Loyalsock Ave.  
Montoursville, PA 17754  
Phone 570-368-2651 Fax 570368-8651

◇ RH Engine ◇ N823RD ◇ IO-550-C ◇ S/N: 686586 ◇  
◇ Hobbs: 2991.3 ◇ ETT: 1209.0 ◇

Date: 11/13/15

1. Complied With 100 Hr Inspection IAW Beechcraft Annual Inspection Checklist P/N:118662R.
2. Cylinder Differential Compression Readings: 1) 62/80 2) 58/80 3) 55/80 4) 70/80 5) 58/80 6) 68/80 Calibrated Master Orifice Leakage Limit 44/80.
3. Drained Oil. Removed and Replaced Oil Filter with New P/N: AA48109. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell W100Plus.
4. Cleaned, Gapped, Tested and Inspected Plugs IAW Champion AV6-R.
5. Retimed RH Mag to 22°.
6. Performed Fuel Pressure setup IAW TCM SID 97-3G.
7. Installed Reiff Hot Strip System IAW Reiff: Inst HS 2015-06.
8. Run up, ops check, and Leak Checks Good.


→END→

  
Zach DiMaio  
3783676 AP

Date: 11/13/15

I Certify that This Aircraft has been Inspected In Accordance With an Annual Inspection and has Been Found to be In Airworthy Condition

→END→

  
Justin Eshleman  
3302761 IA

Energy Aviation South  
100 Airport Rd  
Selinsgrove, PA 17870  
Phone 570-374-7671 Fax 570-374-4468

◇ RH Engine ◇ N823RD ◇ IO-550-C ◇ S/N: 686586 ◇  
◇ Hobbs: 3026.9 ◇

Date: 4/5/16

Drained Oil. Removed and Replaced Oil Filter with New P/N: CH48108-1. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell 15W50 Run up, ops check, and Leak Checks OK.  
→END→

  
Zach DiMaio  
3783676 AP

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Br

Energy Aviation South  
100 Airport Rd  
Selinsgrove, PA 17870  
Phone 570-374-7671 Fax 570-374-4468

◇ RH Engine ◇ N823RD ◇ IO-550-C ◇ S/N: 686586 ◇  
◇ **Hobbs: 3074.3** ◇

Date: 10/14/16  
Removed starter P/N: 646275-1R S/N: 6060991 installed overhauled starter P/N: 646275-1R S/N: H-Q090603.  
OPS CHECK OK.

  
Zach DiMaio  
3783676 AP

Energy Aviation South  
100 Airport Rd  
Selinsgrove, PA 17870  
Phone 570-374-7671 Fax 570-374-4468

◇ RH Engine ◇ N823RD ◇ IO-550-C ◇ S/N: 686586 ◇  
◇ **Hobbs: 3078.3** ◇ **ETT: 1296.0** ◇

- Date: 11/8/16
1. Complied With 100 Hr Inspection IAW Beechcraft Annual Inspection Checklist P/N: 118662R.
  2. Cylinder Differential Compression Readings: 1) 70/80 2) 64/80 3) 64/80 4) 66/80 5) 60/80 6) 68/80 Calibrated Master Orifice Leakage Limit 44/80.
  3. Drained Oil. Removed and Replaced Oil Filter with New P/N: AA48108-2. Cut Open and Inspected Oil Filter found only normal deposits. Serviced Engine with Aeroshell 15W-50.
  4. Cleaned, Gapped, Tested and Inspected Plugs IAW Champion AV6-R.
  5. Run up, ops check, and Leak Checks Good.

→END→

  
Zach DiMaio  
3783676 AP


Date: 11/8/16  
I Certify that This Aircraft has been Inspected In Accordance With an Annual Inspection and has Been Found to be In Airworthy Condition

→END→

  
Justin Eshleman  
3302761 IA

June 07, 2017 N823RD TCM IO550C S/N 686586  
Hobbs: 3122.5

Changed Oil and Filter. Serviced with 11qts Aeroshell 100 Plus Oil and CH48109-1 Filter. Cut and inspected filter with no discrepancies noted.  
Ran up to leak check.

  
-----  
David Fischer A&P 3240914

# Engine Service and Maintenance Record

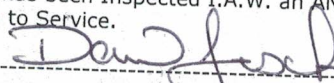
Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward	→			

December 29, 2017 N823RD TCM IO-550C 34 S/N 686586 (RH Engine)  
Hobbs: 3156.0 TSMOH: 1373.7

- C/W ANNUAL Inspection I.A.W. CFR 43.13(D).
1. Installed 6 New Superior P/N SA52006-A23P Cylinder Assemblies with New P/N SA630046 piston Pins and New P/N 653188 Rocker Arm Washers. Cylinder Serial Numbers by position.  
#1 526K1731292, #2 526K1731301, #3 526K1731303, #4 526K1731302  
#5 526K1731297, #6 526K1731298.
  2. Installed 6 new P/N SA628488 and 6 New P/N SA646277 Lifters.
  3. Installed 10 New P/n SA642917-1 Induction Rubbers.
  4. Installed All New URHB32E Tempest Spark Plugs.
  5. C/W Magneto 500hr Inspection. Installed P/N MK-601 overhaul kits in Left and Right Slick 6310 Mags. LH S/N 03120775, RH S/N 03120774.
  6. Installed Overhauled P/N 646275-1R, S/N H-R-10776 Starter.
  9. Installed Overhauled P/N 649304, S/N F62114633 Alternator with Overhauled P/N 646655, S/N 110790 Alternator Drive Coupling and new gasket.
  10. Installed 4 New P/N AS3578-017 Oil Cooler O-Rings. Reinstalled Engine Mount Leg and Isolation Mount. Torqued I.A.W. Maint Manual.
  11. Installed New Engine Hoses. 1ea. P/N AE3660001E0430, AE3660121G0270, AE3660001H0086, AE3660121E0150, AE3660001E0104, AE3660001E0250, 359-4D-0240 and 2ea AE366001E0130.
  12. Installed New P/N 653415 Cam Cover Gasket.
  13. Installed new P/N 655546 Sump gasket.
  14. Installed new Aeroquip 306 engine drain hoses.
  15. Serviced with 12qts Aeroshell 100 Mineral Oil and CH48109-1 Filter.
  16. Work and Torques performed I.A.W. TCM Maintenance Manual.
  17. Checked AD's to Date.
  18. Ran up to set up fuel, leak check and ops check.

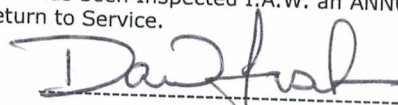
I Certify this ENGINE has been Inspected I.A.W. an ANNUAL Inspection and is APPROVED for Return to Service.

  
David Fischer A&P 3240914 I.A.

January 18, 2019 N823RD TCM IO-550C 34 S/N 686586 (RH Engine)  
Hobbs: 3197.9 TSMOH: 1415.6

1. C/W ANNUAL Inspection I.A.W. CFR 43.13(D).
2. Compressions: 1 74/80, 2 72/80, 3 74/80, 4 74/80, 5 72/80, 6 72/80.
3. Changed Oil and Filter. Serviced with 11qts Aeroshell 100 Plus Oil and CH48109-1 Filter.
4. Rebonded Engine Heater Temp Probe to Sump.
5. Cleaned and Gapped Plugs and Reinstalled with new M674 Gaskets.
6. Retorqued Oil Pressure Line at Union.
7. Checked AD's to Date.
8. Ran up to Leak and Ops Check.

I Certify this Engine has been Inspected I.A.W. an ANNUAL Inspection and is APPROVED for Return to Service.

  
David Fischer A&P 3240914 I.A.

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward \_\_\_\_\_



GREGG AIRCRAFT SERVICES, INC.  
EAST TEXAS REGIONAL AIRPORT  
155 DOVEL ROAD  
LONGVIEW, TX 75603  
903-643-0980

**RIGHT ENGINE**

**N823RD**      **5-3-19**      **HR. MTR.: 3240.2**      **TTA: 3240.2**

Oil and filter changed. S.O.A.P. sample taken. 12 quarts Aeroshell 100 Plus and AA48108-2 filter. Adjusted idle mixture to specification. Run-up and leak check good.

Todd Feenstra  
A&P3013894

*Todd Feenstra*



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LONGVIEW, TX 75603  
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**RIGHT ENGINE**

**N823RD**      **7-24-19**      **HR. MTR.: 3275.2**

Checked wiring at oil temp probe and found sound.

Herbert Hardy  
A&P3563741

*Herbert Hardy*



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**RIGHT ENGINE**

**N823RD**      **10-25-19**      **HR. MTR.: 3320.3**

Oil and filter changed. 12 quarts Aeroshell 100 Plus and CH48108-1 filter. Run-up and leak check good.

Herbert Hardy  
A&P3563741

*Herbert Hardy*



Date

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Maintenance Record  
Directives, Special Inspections,

Brought Forward

**N823RD      2-11-2020      HR. MTR.: 3364.4      TTA: 3364.4**  
**TTE: 1582.1**

Completed a 100-hour inspection in accordance with FAR 43, Appendix D. Oil and filter changed. 12 quarts Aeroshell 100Plus and CH48108-1 filter. Compressions checked 72-76-68-70-72-68/80. Cleaned fuel filters and injectors. Cleaned, gapped and rotated spark plugs. Inspected all fluid lines, fittings, wiring and accessories for condition and security. Removed minor nicks from propeller. Re-taped hole at outboard induction drain valve fitting. Installed valve with new hose. Reset left magneto internal timing and timed to engine at 22 degrees BTC. Replaced right aft exhaust header and left tailpipe assemblies with new P/N 96-950004-27 and 96-950004-59. Replaced adel clamp on breather tube.

I certify this engine has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.  
Timothy K. Stroman  
A&P3390266



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**RIGHT ENGINE**

**N823RD      7-20-2020      HR. MTR.: 3417.4**  
Oil and filter changed. 12 quarts Aeroshell 100 Plus and CH48108-1 filter. S.O.A.P. sample taken. Run-up and leak check good.

Todd Feenstra  
A&P3013894
