

N2130L

1976 Beech 58TC Baron

RH Engine Logbook

Aircraft S/N: TK-25



RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.



ENGINE MAINTENANCE RECORDS

Aircraft Registration N2130L
Engine Position Right
Engine Serial No. R-518132



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 2130L

Engine Manufacturer TCM

Model TSIO-520-AB 1/18/07-WB

Serial No. R-518132

Date installed on aircraft _____

Time Between Overhauls (TBO) 1400 Hours = 1600 HRS

If used on multi-engine aircraft:

Right Left

254/752-8381

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

FAX 254-752-3307

101027500
~~1-800-445-9713~~

"LOGBOOK FORMAT REPRINTED WITH THE PERMISSION OF AEROTECH PUBLICATIONS, INC.,
THE ADLOG (TM) SYSTEM, COPYRIGHT 1979."

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
9-13-02	3033.5	Ø	Hobbs O-D old Hobbs 3340.0	Installed engine on N2130L model 587C s/N TK-25 Reinstalled vacuum pump 452.5 Hrs since O/H ref A/F log Date 4-4-00 Hobbs 2903.1. Reinstalled tach generator 57.4 Hrs since O/H ref. A/F log, Date 1-10-02 Hobbs 3282.6 Prog. governor O-D since O/H by Thunderbird Access. ref. W.O. # 012213. Installed following RAM components: Exhaust sys., Fuel Control, Turbo, All firewall forward fuel oil & drain hoses. Serviced engine with mineral oil 30W-50. Engine ran and leaks checked. Controls adjusted and test flew Aircraft returned to service. END DZ Dan Mueser 149687647 A&P, MEL Conn.
10-8-02	3041.3		7.8	Replaced Alternator assy. Installed overhauled unit from RAM aircraft s/N 16000010 mod. # ALV 9510 W.O. # 5710 - END DZ 149687647 A&P
10/9/02	3041.3		7.8	Drained and Reserviced engine oil with 190 mineral BENDShell Willing Pet # P143423552

HORTMAN AVIATION SERVICES INC.
NE PHILADELPHIA AIRPORT
9800 ASHTON ROAD
PHILADELPHIA, PA 19114

SUB-TOTALS this page
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12/12/03	3092.3	58.8	58.8	Changed oil AND Filter, serviced with W-80 AEROSHELL. Removed Air/oil Separator after weld Repair. Replaced vacuum pump inlet filter. Comp. ck. ① 78 ② 78 ③ 68 ④ 79 ⑤ 79 ⑥ 78.
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 12/12/03 A/C 58.8
				William J. Piro AP143423552 (IA)
4/8/04	3137.5	104	104	Changed oil and Filter, Re-serviced with AEROSHELL 80W. William J. Piro AP143423552
5/21/04	3164.5	131	131	Changed oil AND Filter, Re-serviced with 15W50 AEROSHELL. AD 2004-08-10, Engine Components INC. cyl's N/A by cyl. S/N's William J. Piro AP143423552
7/6/04	3203.5	170	170	Changed oil AND Filter, Re-serviced with W100+ AEROSHELL. Replaced ALL spark plugs. William J. Piro AP143423552
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10/20/04	3255	222	222	changed oil and filter, serviced with 11 quarts of 15W50 Aeroshell William McHester, AT 2713394
1/10/05	3280	247	247	Changed oil and Filter, serviced with 80W AEROSHELL. Comp. Oil ① 73 ② 78 ③ 77 ④ 78 ⑤ 75 ⑥ 75 Replaced ALL Rocker Cover Gaskets Replaced Lower Aft manifold cross-over pipe at bottom of oil pan. I CERTIFY THAT THIS <u>Engine</u> HAS BEEN 1/10/05 INSPECTED IN ACCORDANCE WITH A <u>Aviatic</u> INSPECTION AND WAS DETERMINED TO BE IN 14665 247 <u>AIRWORTHY CONDITION.</u> William J. Prid AP143423552 (IA)
5/6/05	3320	287	287	Changed oil and Filter serviced with 80W AEROSHELL William J. Prid AP143423552
7/1/05	3371	338	338	Changed oil and Filter, serviced with 100W AEROSHELL. William J. Prid AP143423552
9/26/05	3422	389	389	Changed oil and Filter serviced with 80W AEROSHELL. William J. Prid AP143423552
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12/2/05	3459	424	424	Changed oil AND FILTER Serviced with 80W AEROSHELL. William J. Pina A-P143423552
3/3/06	3476	443	443	Changed oil AND FILTER serviced with 80W AEROSHELL. Comp. Clw ① 75 ② 70 ③ 74 ④ 73 ⑤ 75 ⑥ 71 Clw 500 Hr. mag. service. Replaced CAPACITOR ON ALTERNATOR. 3/3/06 I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> SMOH 443 INSPECTION AND WAS DETERMINED TO BE IN <u>AD- WORTHY</u> CONDITION. Total 3476 William J. Pina A-P143423552 (IA)
5/9/06	3513	480	480	Changed oil AND FILTER, serviced with 100W AEROSHELL. William J. Pina A-P143423552
6/30/06	3554	521	521	Changed oil AND FILTER, serviced with 100W AEROSHELL. William J. Pina A-P143423552
8/21/06	3574	541	541	Changed oil AND FILTER, serviced with 100W AEROSHELL. William J. Pina A-P143423552
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-10-06	3610.5	577.5	577.5	Changed oil & oil Filter serviced with 100w plus ROYAL OIL. Took oil samples, leak check on ground. Run OK. <i>Jeff M. Tisler</i> AOP 1987406
				HORTMAN AVIATION SERVICES INC. NE PHILADELPHIA AIRPORT 9800 ASHTON ROAD PHILADELPHIA, PA 19114
12-27-06	3647.8	614.8	614.8	Removed Engine From N2130L Right Side for Repair <i>Jeff M. Tisler</i> AOP 1987406
				HORTMAN AVIATION SERVICES INC. NE PHILADELPHIA AIRPORT 9800 ASHTON ROAD PHILADELPHIA, PA 19114

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
01/18/07	3648.3	614.8	614.8



TCM TSIO-520-WB Right Engine S/N 518132

The above referenced engine was disassembled to facilitate a case change. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A. Reused crankshaft and rod bearings. Installed serviceable crankcase, new camshaft, lifters and main bearings. C/W MSB96-10 ultrasonic inspection. Disassembled, cleaned and inspected cylinders, honed to ring finish. Rings gapped and fit to pistons and cylinders. Leaked checked valves. Installed six (6) serviceable pistons pins. Reinstalled cylinders assemblies. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump, prop governor and tach generator which were not installed per this work order. Serviced engine with 20W50 mineral oil. Ran on test stand for two (2) hours. Engine is approved for return to service for work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to ninety (90) days. Pertinent details on file under Project No. 3160.

James R. ...
RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2/8/07	3648.3	615.4	615.4	Reinstalled Engine on Right Side of N2130L After Repair by RAM. Installed New Engine mounts J12453-12. Re-installed Exhaust, Baffles, Prop + Prop Gov., Vacuum Pump, ALL HOSES, ect. ^{serviced with 20-W-50 mineral} Run Eng, set up Controls, IDLE and mixture and ck for leaks. Reinstalled eng cowling and Flight test.
				I CERTIFY THAT THIS Engine HAS BEEN 2/8/07 INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>WORTHY</u> Higgs 615.4 CONDITION. William J. P... A-P143423552 IA
2/23/07	3644.5	628.6	628.6	Changed oil and Filter serviced with 80 mineral AEROSHALL oil. set IDLE, run Eng + ck for leaks. William J. P... A-P143423552
5/16/07	3689.9	657	657	Changed oil and Filter, serviced with 100-W AEROSHALL oil. Run Eng. and ck for leaks. William J. P... A-P143423552

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	---------------------------	------------------------------	---

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
08/14/07	3735.5	702.0	702.0



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM TSIO-520-WB Right Engine S/N 518132

On above referenced engine serviced with 12qts. of Aeroshell 100W oil and new CH48108-1 oil filter. Cut open and inspected oil filter and found satisfactory. All engine systems checked for leaks. Test flight for proper operation satisfactory. Engine approved for return to service for the work performed. Pertinent details are on file under project no. 3539.

William J. Ph...

RAM Aircraft, Limited Partnership, P.O. Box 5218, Waco, Texas 76708 CRS VA1R551K


9/20/07			726.8	Changed oil and Filter, serviced with AEROSHELL 100W+, Run engine and ck. for leaks <i>William J. Ph... ADP143423552</i>
12/18/07			763.0	Changed oil and Filter, serviced with AEROSHELL 80W+. Run engine and checked for leaks. <i>William J. Ph... ADP143423552</i>

Right Engine

03-05-2008 N2130L TCM TSIO-520-LB S/N: R-518132
 Hobbs: 770 SMOH: 770 Hobbs Total: 3802 Hobbs
 C/W Annual inspection. Checked compression: 1) 77/80, 2) 76/80, 3) 77/80, 4) 78/80, 5) 78/80, 6) 78/80. Drained engine oil. Removed filter, inspection of internal contents showed no unusual debris. Installed new filter and serviced engine with 12 qts. of 100w engine oil. Serviced spark plugs. Checked magneto timing. Removed, inspected, cleaned and reinstalled induction air filter. Repaired outbd heat shield for turbo inlet pipe. Removed propeller, replaced propeller flange o-ring, reinstalled propeller. Torqued and safetied propeller as required.

John J. Loftis
 John J. Loftis
 1676069171A

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
<p>Right Engine 04-09-2009 N2130L TCM TSIO-520-LB S/N: R-518132 Hobbs: 872 SMOH: 990 Hobbs Total: 4022 Hobbs C/W Annual inspection. Checked compression: 1) 77/80, 2) 78/80, 3) 77/80, 4) 76/80, 5) 78/80, 6) 78/80. Drained engine oil. Removed filter, inspection of internal contents showed no unusual debris. Installed new filter and serviced engine with 12 qts. of 100w engine oil. Serviced spark plugs. Checked magneto timing. Removed and replaced induction air filter, next change 1372 Hobbs. — AD 84 26 Repaired outbd heat shield for turbo inlet pipe. I certify that this engine has been inspected IAW an annual inspection, and has been determined to be in an airworthy condition.</p> <p style="text-align: right;"><i>John J. Loftus</i> John J. Loftus 1676069171A</p>				
4-12-10	4109	1077	959	<p>Replaced augmentor hose r/w 2644-2 Repaired outboard heat shields Replaced oil filter & drained oil Serviced w/ AeroShell 4100. Ran Eng. No leaks noted. <i>JD</i> 3132014 AIR</p>
<p>Right Engine 05-17-2010 N2130L TCM TSIO-520-LB S/N: R-518132 Hobbs: 968 SMOH: 1086 Engine Total: 4118 C/W Annual inspection. Checked compression: 1) 71/80, 2) 75/80, 3) 70/80, 4) 75/80, 5) 77/80, 6) 78/80. Drained engine oil. Removed filter, inspection of internal contents showed no unusual debris. Installed new filter and serviced engine with 12 qts. of 100w engine oil. Serviced spark plugs. C/W 500 Hour magneto service/inspection, Next due: 1468 Hobbs. Removed, cleaned and inspected induction air filter. Repaired inboard and outboard heat shield for turbo inlet pipe. I certify that this engine has been inspected IAW an annual inspection, and has been determined to be in an airworthy condition.</p> <p style="text-align: right;"><i>John J. Loftus</i> John J. Loftus 1676069171A</p>				
8-4-10	1140	1108	999.6	<p>Change Oil & oil filter. Took oil sample Serviced with AeroShell 100 w plus oil leak Checked on ground Run OK</p>
				<p>SUB-TOTALS this page <i>John J. Loftus</i> 1676069171A AN1982106</p>
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				 <p>HOBBS: 1040.0 N2130L 10/15/10</p> <p>Drained Oil and changed Filter. Serviced Engine with 12 Aeroshell 80W. Leak check good. Only those items specified above have been inspected and found to be Airworthy. No other representation concerning Airworthiness is expressed or implied.</p> <p><i>J. Price</i> Montgomery County Aviation LLC.</p> <p>HORTMAN AVIATION SERVICES, INC. 9800 Ashton Rd, Philadelphia, PA 19114</p> <p>N2130L 58TC S/N TK-25 TT 1069 3/30/2011 RIGHT TSIO-520-LB S/N R-518132 SMOH 1069 Drained oil and replaced filter, serviced with Aeroshell 100W+. Run engine and checked for leaks.</p> <p>William J Price, A&P 143423552 <i>William J Price</i></p>
				<p>Right Engine</p> <p>06-03-2011 N2130L TCM TSIO-520-LB S/N: R-518132 Hobbs: 1081.7 SMOH: 1199.7 Engine Total: 4221.7</p> <p>C/W Annual inspection. Drained engine oil. Removed filter, . Installed new filter and serviced engine with 12 qt. of 80w mineral oil. Replaced all spark plugs. Replaced all cylinders with Ram o/h cylinders. Cleaned all fuel injector nozzle. Replaced reference line seal as need. Repaired inboard and outboard heat shield for turbo inlet pipe. Replaced c/c/seal, prop governor gasket. Repaired left aft & right frw. baffle Replaced vacuum inlet filter.C/W Ad 84-26-02 Removed, cleaned and inspected induction air filter next due 1187,7.</p> <p>I certify that this engine has been inspected IAW an annual inspection, and has been determined to be in an airworthy condition.</p> <p><i>Joseph M Klein Jr</i> Joseph M Klein Jr 1987406IA</p>
				<p><i>Oil Tachs in TALS Folder</i></p>
7/22/11	TACH	1098.2		<p>DRAINED AND RESERVICED ENGINE oil with AEROSHELL 100W+.</p> <p><i>William J Price</i> A&P 143423552</p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
8/24/11			1123	Changed OIL AND FILTER, serviced with AEROSHELL 100W+. Wally P A+P143423552
9/30/11			1129	Replaced ALTERNATOR with O/H P/N ALV-9510, S/N H-LO81731 from HARTZELL ENGINE TECHNOLOGIES. Wally P A+P143423552



Clearwater Aircraft Maintenance and Services, Inc.
14421 Airport Parkway • Clearwater, FL 33762 727-507-8881 • Fax 727-507-8887

N2130L

Date: 03/28/2012
Work Ord: 6979
Hobbs: 1168.6
SMOH: 1168.6

Performed an Annual inspection IAW maintenance manual on R/H engine Performed a differential cylinder compression test: #1-76/80, #2-70/80, #3-73/80, #4-70/80, #5-74/80, #6-74/80. Set up high RPM, fuel pump pressures, idle and idle mixture IAW RAM specs and maintenance manual. Re-torqued turbo tail pipe clamp and safety wired. Replaced fuel hose by throttle cable with new and installed new clamp. R&R alternator and sent for warranty repair and re-installed O/H alternator with new gasket, see 8130 in log folder. Installed new alternator wire adel clamp and anti-chafe with new. R&R R/H magneto, inspected, cleaned and re-installed with new gasket, timed both mags as required. Replaced engine drain tube and repositioned hoses for clearance. Replaced waste gate bottom fitting seal with new. Replaced and insulated TIT wire as needed and repositioned for clearance. Washed engine and performed an engine run, no leaks noted and ops check ok.
Checked AD's thru 2012-05 T-Data. See AD list in log folder. I certify this engine has been inspected IAW an annual inspection and was found to be in an airworthy condition on this date.

Matt Malouf AP/IA 2841230

Matt Malouf
End of entry

ENGINE MODEL:
ENGINE S/N (R):
REG. NO: N2130L
WORK ORDER:
2330-06-2012

Advanced Aircraft Services

530 Airport Rd.
Litz, PA 17543
Phone: 717-735-5176

DATE: 6/21/2012
A/C TSN: 1220.4
ENG TT (R): 1220.2
HOBBS: 1220.2

Right Engine Entries

Drained the engine oil and replaced filter, Serviced engine with 12 qts of Aeroshell 100W. Cut open filter and inspected, no contamination noted at this time. Performed oil analysis. Leak check good.

Maintenance Release

The aircraft and/or component(s) on N2130L was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 6/21/2012

SIGNED:

Jason T. Henry

Work Order: 2330-06-2012

Jason T. Henry, A&P: 160544469

Printed by EBis 3 (datcomedia.com)

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE MODEL
TSIO-520-R
ENGINE S/N (R):
R-518132
REG. NO. 2130L
WORK ORDER
6172-07-2014



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 7/25/2014
AC TSN: 4840
ENG TT (R): 1300
HOBBS: 1300

Right Engine Entries

(S) C/W ANNUAL INSPECTION ON THIS RIGHT ENGINE IAW FAR 43 APPENDIX D USING BEECH 58TC MM CHAPTER 5 INSPECTION CHECKLIST AS A GUIDE. CHANGED ENGINE OIL AND FILTER. SERVICED ENGINE WITH 12 QTS W100 PLUS OIL AND A NEW FILTER. OLD FILTER AND OIL SUMP SCREEN WERE CHECKED FOR CONTAMINATION. NONE FOUND. CHECKED MAG TO ENGINE TIMING. CLEANED, REGAPPED, AND CHECKED SPARK PLUGS. PERFORMED COMPRESSION CHECK: 60,65,70,70,75,69/80. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW BEECH 58TC MM. ADS CHECKED THROUGH CURRENT ON ATP.... (8) REPAIRED BROKEN PROP GOV. CONTROL ROD ON RH ENG END AS NECESSARY. OPS CHECK GOOD NO DEFECTS NOTED AT THIS TIME.

MAINTENANCE RELEASE: IN REFERENCE TO THE WORK PERFORMED, THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, AND / OR APPLIANCE WAS REPAIRED AND INSPECTED IAW CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. ALL WORK WAS PERFORMED IAW CURRENT APPLICABLE AIRCRAFT, ENGINE, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

DATE: 7/25/2014

SIGNED: *Emmanuel Vicioso*

Work Order: 6172-07-2014

Emmanuel Vicioso, IA: 3708718

Printed by EBis 3 (datcomedia.com)



GULFPORT-BILOXI

12/19/14

N2130L

Beech Baron 58TC

S/N TK-25

Hobbs: 1388.1

RH Engine

1. Drained oil and replenished with 12 qts Aeroshell W100.
2. Removed and replaced oil filter CH48108. Opened filter and inspected media. No metal found.
3. Cleaned and inspected fuel filters. No discrepancies found.

All work done in accordance with Beech Baron 58TC Maintenance Manual and TCM TSIO-520 Overhaul Manual.

Robert Nores A&P3674462 *Robert Nores*



GULFPORT-BILOXI

1100 HANGAR ST. GULFPORT, MS 39501 228-701-0400

3/11/15

N2130L

Beech Baron 58TC

S/N TK-25

Hobbs: 1407.0

1. Removed RH Engine magnetos and sent to outside vendor for repair and 500 hour inspection. Work performed by Tropic Airpower under W/O T3654 dated 3/10/15. Reinstalled, timed, and performed ground run. Magneto check and engine performance check was good.

All work done in accordance with Baron 58TC Maintenance Manual and TCM TSIO-520 Series Overhaul Manual.

Robert Nores A&P3674462 *Robert Nores*

MULLION AIR[®]



TO
TI
SEF

D—
FORMING WORK

GULFPORT-BILOXI

08/27/15 N2130L TCM TSIO-520-WB S/N R-518132
 Hobbs: 1410.1 Eng SMOH:1410.1 RH Engine

1. Performed 100 hour inspection.
2. Drained oil and replenished with 12 qts Aeroshell W100.
3. Removed and replaced oil filter CH48108. Opened filter and inspected media. No metal found.
4. Cleaned and inspected fuel filters. No discrepancies found.
5. Recommend compression test in next 10 hours due to engine sitting for extended period of time without operation.

I certify that this engine has been inspected in accordance with an ANNUAL inspection, and is in an airworthy condition.

Blaine Wills A&P 436983651 IA *Blaine Wills*

Hobbs	1411.5		performed Eng compression ch all
9/25/15			at 1410.1, within limits
			Blaine Wills 436983651

Precision Avionics Specialists 207 Barry Whitley Way Griffin, GA 30224
 LOG ID# 2112 12-September-2016 WO# 10823 HOBBS 1440.5
 N2130L S/N TK-25 BEECH 58TC
 Pg 1 / 1

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR INSPECTION. COMPRESSIONS ARE #1:70/80 #2:66/80 #3:70/80 #4:60/80 #5:72/80 #6:76/80. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS. INSPECTED IGNITION SYSTEM AND MAG TIMING. INSPECTED EXHAUST SYSTEM. CLEANED AIR FILTER. INSPECTED BAFFLING AND REPAIRED AS NEEDED. CHANGED OIL WITH 12 QUARTS W-100 AEROSHELL OIL. RAN ENGINE AND LEAKED CHECKED. CUT FILTER OPEN NO METAL DETECTED. TEST RAN AND OPSS CHECK GOOD. I CERTIFY THIS ENGINE AND PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.

Scott Collins

A&P 2747448 IA JEFFERY S. COLLINS

4-12-17	Hobbs	1514	CHANGED OIL + FILTER INSTALLED
			12 QTS 100W PLUS
			<i>Larry McCall</i>

SUB-TOTALS this page
 TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Right Engine	
Make:	CMI
Model:	IO520-WB
Serial#	R-518132
Date:	02/05/2018
Hobbs Time:	1630.2
SMOH:	1630.2

This date performed an annual inspection on this engine. Replaced cylinders with customer supplied serviceable assemblies from Performance Aircraft Powerplants, see tags. Repaired heat shield and secured mixture control linkage at quadrant. Replaced starter adapter with R-642087A68 assembly from CMI, see form 8130-3. Filled engine with 12 qts and installed new oil filter. Performed compression test after test run, all cylinders check over 70/80. For complete list of AD's see list in maintenance log. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

David Jewell A3036572

10/20/20	N2130 C	TCM TSE0 520 WB	SN# R-518132
Hobbs	Time	1683.3	
			Performed annual inspection I/L/W
			100 HR Annual Inspection guide lines
			Compression #1 66/80, #2 65/80, #3 71/80,
			#4 69/80, #5 77/80, #6 72/80 cleared
			grapped spark plugs + Retorted, checked engine
			oil + inspected oil filter, installed new filter
			found no metal in old filter. Service w/ 10 12 qts
			heat shield 100w, I certify this engine has
			and propeller has been inspected I/L/W an annual inspection
			and found to be in airworthy condition.
			<i>John</i> ADP 12/10 3962901
			Shawn Thiers

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12/16/2020	4721.4	16879	1687.9	Removed all 12 spark plugs & Replaced w/ serviceable VRFED 32E Plugs, tested high tension leads & adjusted magnets to engine timing. Removed Gami injectors & cleaned & reinstalled IAW Gami; IM/ICA for turbo normalized to 520/550 engine, tightened loose U-bolt clamps @ y Pipe (exhaust) & loose induction clamp near #1 cyl. Removed oil filter & cut open, no metal found. Replaced ^{old} installed new 46 1/8" of filter. took cyl. compressions: #1 7 1/80 #2 6 1/80 #3 7 1/80 #4 6 1/80 #5 6 1/80 #6 6 1/80. Engine Rump & leak check OK for work performed above. Adam Piepke Adm #3965513

A&P AVIATION

7444 WILLIAMS LN. BONNE TERRE, Mo. 63628

(573) 516-4140

N2130L Make: Beechcraft S/N TK-25 Hobbs: 1712.3 Date: 5/25/2020

Removed the Following instrumentation: L&R oil temp/pressure/cylinder temp cluster gauges P/Ns 2-804032-15 S/N's 25240B, 24738B; L&R TIT gauges P/Ns EGT-100c-o-t-a-i-e, S/N's 0145, 0146. L&R load meters P/Ns A-1155-3, S/Ns 1374, 1273. L&R Fuel level gauges W/ Printed Circuit boards. P/Ns 58-380051-13 S/Ns 622, 638. Tachometer P/N106-389005-3 S/N 2504. Fuel Flow Gauge P/N 5709-3006 S/N 300. Manifold Pressure Gauge P/N 6020-E67. S/N 84353. Installed CGR30P & CGR30C Engine monitor system with the following parts. Two P/N CGR-30P, S/N 252146 for left engine. S/N 252147 for right engine. P/N CGR-30C S/N 252148 As Cluster gauge. P/N EDC-33P-4/6 S/N 252149 RFLM-4-24 S/N 252153PT-60ABS S/N 252151, for left engine and left fuel tanks, located behind left engine firewall. P/N EDC-33P-4/6 S/N 252150, PT-60ABS S/N 252152, RFLM-4-24 S/N 252154 for right engine and right fuel tanks, located behind right engine firewall. Weight and balance, and equipment list updated to reflect this change this date. Performed an electrical load analysis and determined that the total continuous load does not exceed 80% of rated system capacity. Inserted FAA-APPROVED POH/AFM Supplement, No. AFM022513, Rev. F for CGR-30P's. Inserted FAA-APPROVED POH/AFM Supplement, No. AFM1030131, Rev. B for CGR-30C. Reference CGR-30P & CGR-30C Instructions for Continued Airworthiness Document No: 06211301 Revision: E, March 28, 2014 or latest revision. Work done IAW CGR-30C CGR-30C Installation Instructions, Document II. Rev: B, 5/11/15. And CGR-30P Installation Instructions Document II 02151301 Rev. F: 5/8/15. And STC's SA02402SE, SA02283SE.

Adam Piepke A&P IA 3965513 

SUB-TOTALS this page
TOTALS—Carry forward to next page

7444 WILLIAMS LN. BONNE TERRE, MO. 63628

(573) 516-4140

DATE

N2130L Make: Beechcraft S/N TK-25 Hobbs: 1712.3 Date: 5/24/2020

Removed LH vacuum pump P/N 442CW-4 S/N 12519-02 and replaced with overhauled unit of same P/N, S/N 193889. Removed RH prop governor P/N A210780 S/N 2475909 H and replaced W/ overhauled unit of same P/N S/N 11937733

Adam Piepke A&P IA 3965513

Adam Piepke

N2130L 11/07/2023 H:1729 TSMOH:1729

Compression check #1-71/80, #2-65/80, #3-72/80, #4-71/80, #5-70/80, #6-60/80.

Clean and gap plugs.

Check mag timing ok

I certify I have inspected this engine IAW Continental MM. Annual inspection requirements and found to be in airworthy condition.

T. Sipp
Tim Sipp IA3071998

4-2-24 N2130L

Troubleshoot right cht. #4 cylinder. Swap cht. probes between #2 and #4. Repaired open circuit to right engine fuel flow transmitter. David Bogan A&P 455216543

David Bogan

EAST TEXAS FLYING SERVICE INC. 903 571-0116
RIGHT ENGINE N2130L 1/16/2025 1779 Hobbs. Engine
compression test results as follows:

1-62 2-63 3-55 4-59 5-63 6-59

Changed oil & filter. CH 48108 filter & Aeroshell 15W50
added to 10 quart level. Timing set. Installed 4 new
RHB32E spark plugs. Replaced #5 CHT probe.

Engine ground-run & leak checked. See airframe logbook
& AD compliance report for AD compliance details.

**I CERTIFY THAT I HAVE INSPECTED THIS
ENGINE IN ACCORDANCE WITH AN ANNUAL
(100 HR) INSPECTION & THAT IT IS IN AN
AIRWORTHY CONDITION.**

Patricia Ray Burch

PATRICIA RAY BURCH
AP 3524230 IA

SUB-TOTALS this page

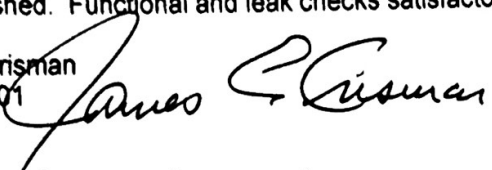
TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date: 4/24/2025 **Hobbs:** 1801.7 **Reg. No.:** N2130L **A/C Model:** 58TC **A/C S/N:** TK-25
Right Engine Model: TSIO-520-WB **Engine S/N:** 518132

Installed alternator from left engine ALV9510 s/n H-Q081171, with new gasket and overhauled drive coupling 646655 s/n H-Y100078, reference to Continental SB11-3. Changed oil and filter. Serviced engine to 11 qts. with Aeroshell 15W50 and AA4810802 filters. Engine filter inspected, (ok). Compression checks as follows; #1-67, 2-78, 3-67, 4-76, 5-68, and 6-70/80, master orifice 44/80. Engine washed. Functional and leak checks satisfactory. Reference Work Order #10884. End.

James E Crisman
A&P3220001



The New Firewall Forward
Loveland, CO 80538

wo: 25115M

Engine R - page 1 of 1



D & J Aviation, Inc. · 1945 Aviation Way · COLORADO SPRINGS, CO 80916 · 7198631069 · CRS#: 4JDR353D

N2130L
HOBBS: 1836.3

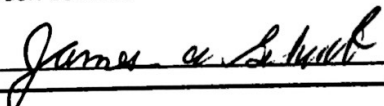
S/N: ENGINE-R SN TBD

July 18, 2025

50-HR Inspection due Right Engine. Drained and serviced 10Qts Aeroshell 15W-50. Removed and replaced AA48108-2 oil filter. Cut and inspected oil filter, not defects noted.

With respect to the work performed, this engine r is approved for return to service. Details of work performed are on file with D & J Aviation, Inc. under work order: 25115M.

James Schwab A&P 268580933



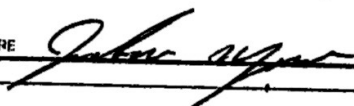

Peak Aviation
905 Aviation Way suite 145
Colorado Springs, Colorado, 80916

N2130L
Engine
S/N: 518132

ENTRY #	DATE	TOTAL TIME	TACH	HOBBS	DESCRIPTION OF WORK	NAME	CERTIFICATION #
1	9/17/2025	Unknown	N/A	1871.3	Reference Beschcraft Baron 58P and Baron 58T: Maintenance Manual section 12-10-00. Completed 50 hour oil and filter change. Drained old oil. Removed and replaced oil filter P/N:AA48108-2. Serviced with 10qts Aeroshell 15W50. Test ran engine, ops and leak check good.	Jordan Myers	A&P/IA 4182768

I certify this ENGINE has been maintained as detailed herein and in accordance with the appropriate documentation referenced and is hereby returned to service.

SIGNATURE



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT 8264 CESSNA DR PEYTON, CO 80831 719 683 3314

DATE 10-28-2025 TYPE TSIO 520 WB SERIAL 518132 (RT) HOBBS 1889.5 TIS / TSOH 4923.0 / 1889.5 REG N2130L

- 1 C/W a borescope inspection of the cylinders. No defects noted.
- 2 Replaced the spark plugs with new URHB32E spark plugs.
- 3 Replaced the outboard nuts on the crankcase upper and lower nose through studs.
- 4 Replaced the right alternator with a new ALV-9610, s/n H-Z101622 alternator.

Robert K. Taylor Robert K. Taylor A&P 3786170

PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT 8264 CESSNA DR PEYTON, CO 80831 719 683 3314

DATE 12-09-2025 TYPE TSIO 520 WB SERIAL 518132 (RT) HOBBS 1903.3 TIS / TSOH 4936.8 / 1903.3 REG N2130L

- 1 Drained and serviced the oil with 10 quarts of Aeroshell 15W50 oil. Sample taken.
- 2 Replaced the oil filter with a new AA48108-2 filter.
- 3 Cut the removed filter. No metal found.
- 4 Replaced both magnetos with new Slick ES6320 magnetos. S/Ns: H-Z081473 and H-Z081474
- 5 Run for leak and mag check was good.

Robert K. Taylor Robert K. Taylor A&P 3786170

PEARCE AIRCRAFT SERVICES, INC.

MEADOW LAKE AIRPORT 8264 CESSNA DR PEYTON, CO 80831 719 683 3314

DATE 02-19-2026 TYPE TSIO 520 WB SERIAL 518132 (RT) HOBBS 1909.4 TIS / TSOH 4942.9 / 1909.4 REG N2130L

1. Inspected and serviced using Beech 58TC maintenance manual check list.
2. Compression with precision orifice reading 46/80:
#1-77/80 #2-75/80 #3-75/80 #4-78/80 #5-65/80 #6-64/80
3. C/W a borescope inspection. No defects noted.
4. Removed and re-installed the drip tray from the fuel control for weld repair.
5. Re-installed the #6 cylinder CHT probe
6. Sealed the mounting bolts for the prop heat brush block assembly.
7. Run for power and leak check.

I certify this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Robert K. Taylor Robert K. Taylor A&P 3786170 1A