

# N2130L

## 1976 Beech 58TC Baron

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# RH Engine Logbook

**Aircraft S/N: TK-25**



*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-520-4B 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:

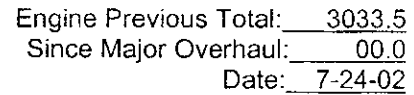
☒ Right ☐ Left

254/752-8381

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708  
FAX 254-752-3307

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

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Above referenced engine overhauled to new parts limits per FAR 43.2 (a)(1)(2) to conform w/TCM SM X-30574A. All gears cleaned, polished when required, inspected, magnafluxed and no cracks found. Finished dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. E dated 5/18/98. Installed new RAM camshaft p/n 1058-1A, s/n F01021 as direct PMA replacement of TCM camshaft. AD 97-26-17 c/w ultrasonic inspection per MSB96-10. AD 99-19-01 c/w and found n/a per crankshaft date of manufacture I/A/W TCM CSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5C. Engine assembled with heavy style crankcase p/n 654091A7 modified to RAM p/n 1157-90H per STC SE3630SW. Installed new Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Engine accessories exchanged for remanufactured units with exception of vacuum pump, hydraulic pump, tach generator and prop governor which were not installed per this work order. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW and pressurized. See 337. SB 94-8A on magneto timing procedure c/w per timing to data plate TC requirements with TDC locator and protractor with pointer. AD 86-13-04 R3 N/A per new ECI cylinders installed. Installed RAM/FAA/PMA rocker arms p/n 1842-3 and 1842-4. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416C Class 2, Type II. AD 93-08-17 not applicable to TSIO-520-LB per engine model. C/W AD 78-06-01 per installation of intake tube p/n 642590. C/W AD 79-05-09 per installation of new current design oil pressure plunger assy. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. AD 76-02-07 n/a per installation of ALV9510 alternator. AD 88-17-03 c/w by shaft installation per CM SB 88-5. Above referenced engine was made eligible for 1400 hr. TBO per TCM SIL98-9. AD 88-03-06 is n/a per oil filter installed this date. AD 91-19-03 is n/a per code date of Champion oil filter p/n CH48108. All aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed spring loaded induction clamps p/n 1170-2 per STC SE3632SW. Installed RAM-FAA-PMA rocker box cover gaskets p/n 1387-1. AD 93-10-02 (MSB93-12) N/A per new ECI cylinders installed. Engine ground un on test stand per RAM Specifications for five (5) hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for RAM Aircraft test flight procedures. Engine preserved per Service Bulletin SIL99-1 temp, storage up to 90 days. Pertinent details on file under Project #303/2479.

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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 McHugh, AFI 2713394
1/10/05	3280	247	247	Changed oil and Filter, Serviced with 80W AEROSHELL. Comp. CK 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 INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN <u>170665 247</u> AIRWORTHY CONDITION. William J. Price AFI 43423552 (IA)
5/6/05	3320	287	287	Changed oil and Filter serviced with 80W AEROSHELL William J. Price AFI 43423552
7/1/05	3371	338	338	Changed oil and Filter, serviced with 100W AEROSHELL. William J. Price AFI 43423552
9/26/05	3422	389	389	Changed oil and Filter serviced with 80W AEROSHELL. William J. Price AFI 43423552
				SUB-TOTALS this page
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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. Tishler</i> Pop 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. Tishler</i> Pop 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



RAM Aircraft, Limited Partnership • Waco Regional Airport

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. 3169.

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


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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.

*Anthony S. Smith*  
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. William J. Phipps ACP143423552
12/18/07		763.0	Changed oil and Filter, serviced with AEROSHELL 80W+. Run engine and checked for leaks. William J. Phipps ACP143423552

## Right Engine


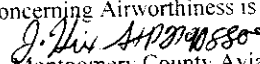
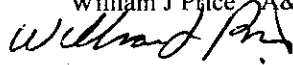
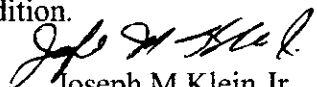
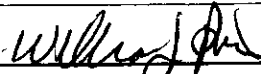
03-05-2008 N2130L TCM TSIO-520-LB S/N: R-518132  
Hobbs: 770 SMOH: 770 Hobbs Total: 3802 Hobbs  
C/W Annual inspection. Checked compression: 1) 77/80, 2) 76/80, 3) 77/80, 4) 78/80, 5) 78/80, 6) 78/80. Drained engine oil. Removed filter, inspection of internal contents showed no unusual debris. Installed 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. Loftus*  
John J. Loftus  
1676069171A

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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
				<b>TOTALS</b> brought forward from previous page
				<p>Right Engine</p> <p>04-09-2009 N2130L TCM TSIO-520-LB S/N: R-518132</p> <p>Hobbs: 872 SMOH: 990 Hobbs Total: 4022 Hobbs</p> <p>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. — <i>AD 84-26</i></p> <p>Repaired outbd heat shield for turbo inlet pipe.</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>John J. Loftus</i> John J. Loftus 1676069171A</p>
4-12-10	4109	1077	959	<p>Replaced augmentor hose p/w 2644-2</p> <p>Repaired outboard heat shield</p> <p>Replaced oil filter &amp; drained oil</p> <p>Serviced w/ AeroShell 4100. Ran Eng.</p> <p>No leaks noted. <i>JD</i> 3132014 AIR</p>
				<p>Right Engine</p> <p>05-17-2010 N2130L TCM TSIO-520-LB S/N: R-518132</p> <p>Hobbs: 968 SMOH: 1086 Engine Total: 4118</p> <p>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.</p> <p>Repaired inboard and outboard heat shield for turbo inlet pipe.</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>John J. Loftus</i> John J. Loftus 1676069171A</p>
8-4-10	4140	1108	999.6	<p>Change Oil &amp; oil filter. Took oil sample</p> <p>Serviced with AeroShell 100 w plus oil leak</p> <p>Checked on ground Run OK</p>
				<p><b>SUB-TOTALS</b> this page <i>John J. Loftus</i></p> <p><b>TOTALS</b>—Carry forward to next page <i>ANP1982106</i></p>

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
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				 <b>HOBBS: 1040.0    N2130L    10/15/10</b> 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.  Montgomery County Aviation LLC.
				HORTMAN AVIATION SERVICES, INC. 9800 Ashton Rd, Philadelphia, PA 19114
				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. William J Price    A&P 143423552 
				Right Engine 06-03-2011    N2130L    TCM TSIO-520-LB    S/N: R-518132 Hobbs: 1081.7    SMOH: 1199.7    Engine Total: 4221.7 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. I certify that this engine has been inspected IAW an annual inspection, and has been determined to be in an airworthy condition.  Joseph M Klein Jr 19874061A
7/22/11	TACH	1098.2		DRAINED AND RESERVICED ENGINE oil with AEROSHELL 100W+.  A&P 143423552
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Oil  
TACH  
TSIO  
TACH  
Power

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8/24/11			1123	Changed oil AND Filter, serviced with AEROSHELL 100W+. Wally J. A+P143423552
9/30/11			1129	Replaced ALTERNATOR with O/H P/N ALV-9510, S/N H-L081731 from HARTZELL ENGINE TECHNOLOGIES. Wally J. 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

End of entry

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

**Advanced Aircraft Services**

530 Airport Rd.  
Littitz, 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, A&P, 160544469

Work Order: 2330-06-2012

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**Clearwater Aircraft Maintenance and Service**  
**14421 Airport Parkway • Clearwater, FL 33762**  
**727-507-8881 • Fax 727-507-8887**

**Tail #: N2130L**

**Date: 11/21/2012**  
**Work Order #: 7294**  
**Hobbs: 1254.2**

Change oil and filter on R/H engine, serviced engine with 11 qts of Aeroshell W100 Plus oil. Cut open oil filter and examined for contaminants, none found. Washed engine and performed an engine run, no leaks noted.

Edward Johnson AP/IA 3097980

End of entry



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

**N2130L**

**Date: 06/14/2013**  
**Work Ord: 7517**  
**Hobbs: 1293.4**  
**SMOH: 1293.4**

Performed an Annual inspection IAW maintenance manual on R/H engine Performed a differential cylinder compression test: #1-60/80, #2-64/80, #3-70/80, #4-70/80, #5-76/80, #6-72/80. Adjusted idle mixture. Removed, cleaned wastegate assembly and reinstalled. Change oil and filter, serviced engine with 11 qts of Aeroshell W100 Plus oil. R&R spark-plugs, Replaced bottom spark plugs with new, cleaned, gapped, tested and re-installed remaining spark plugs with new gaskets. Washed engine and performed an engine run, no leaks noted and ops check ok.

Checked AD's thru Zook's Aviation 2013-06A. 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

End of entry

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

*Premier*  
Aircraft Service

Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2383

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

#### Right Engine Entries

(5) 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

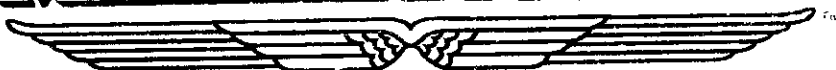
SIGNED:

Emmanuel Vicioso, IA: 3708718

Work Order: 6172-07-2014

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# MILLION AIR



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

# MILLION AIR



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

# MILLION AIR<sup>®</sup>



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

9/25/15

*performed Eng compression ch all  
after 8/80, with end 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

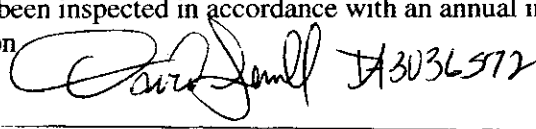
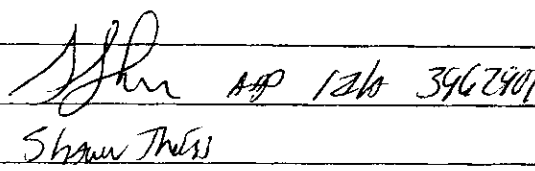
*CHANGED OIL + Filter INSTALL*

*11 Qts 100W Plus*

*Larry McCall*

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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
<b>Jewell Aviation Inc.</b> 418 Airport Rd. P.O. Box 623 Kennett, MO 63857 573-888-5846 www.jewellaviation.com				<b>Right Engine</b> <b>Make:</b> CMI <b>Model:</b> IO520-WB <b>Serial#</b> R-518132 <b>Date:</b> 02/05/2018 <b>Hobbs Time:</b> 1630.2 <b>SMOH:</b> 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.				
				
10/20/20	NZ130	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 72/80, #6 72/80 cleared. Grapped spark plugs + Rotated, checked Engine oil & inspected oil filter, Installed new filter found no metal in old filter. Sensor w/ AD Air shell 100w, I certify This engine has Ad propeller has been inspected I/L/W An annual inspection Ad found to be in Airworthy condition.				
				
John AD 12/10 3962901 Shawn Thiers				
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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	1687.9	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 & rebuilt IAW Gami; IM/ICA for turbo normalized to 520/550 engines. Tightened loose U-bolt clamps @ y Pipe (exhaust) & loose induction clamp near #1 cyl. Removed oil filter & cut open, no metal found. Replaced & installed new 46 108 <sup>00</sup> 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 Adam Piepke 3965513

## A&amp;P AVIATION

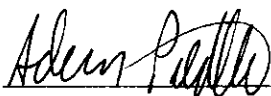
7444 WILLIAMS LN. BONNE TERRE, MO. 63628

(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&amp;P IA 3965513



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DATE

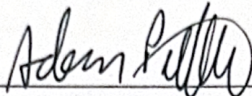
7444 WILLIAMS LN. BONNE TERRE, MO. 63628

(573) 516-4140

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&amp;P IA 3965513



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.

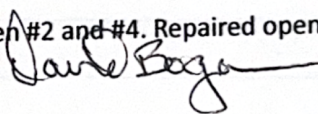
Check mag timing ok

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

  
 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



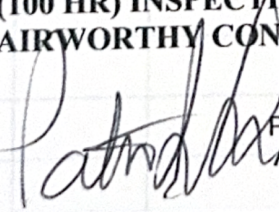
EAST TEXAS FLYING SERVICE INC. 903 571-0116  
 RIGHT ENGINE N2130L 1/16/2025 1779 Hobbs. Engine  
 compression test results as follows:

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  
 AP 3524230 IA

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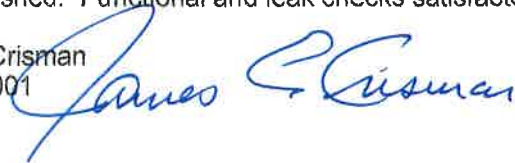


**Date:** 4/24/2025 **Hobbs:** 1801.7 **Reg. No.:** N2130L **A/C Model:** 58TC **A/C S/N:** TK-25

**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**