

N2130L

1976 Beech 58TC Baron

LH 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 N2130U
Engine Position left
Engine Serial No. 274261-R



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N21306

Engine Manufacturer TCM

Model TSIO-520-WB

Serial No. 274261-R

Date installed on aircraft _____

Time Between Overhauls (TBO) 1600 Hours

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

1-800-445-9713

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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



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM TSIO-520-WB Left Engine S/N 274261-R

Engine Previous Total: 1600.0 (Est.)
 Since Major Overhaul: 0.0
 Date: 01-23-06

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, magnfluxed and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. F dated 7/6/05. Installed new RAM camshaft p/n 1058-1A, s/n D05039 as direct PMA replacement of TCM camshaft. AD 97-26-17 c/w per installation of VAR crankshaft p/n 642396M010 s/n A269 per TCM CWB96-8. C/W ultrasonic inspection per MSB96-10 due at next overhaul or when crankshaft removed. AD 99-19-01 found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 n/a to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with TCM heavy style crankcase p/n 654128-4, s/n 852210P. Installed new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Installed locknuts and cylinder brackets on cylinder attachment studs per Dwg. 2197, Rev. AF dated 3/11/04 I/A/W STC SE3630SW. AD 86-13-04 R3 n/a per new ECI Titan cylinders installed. AD 93-10-02 (MSB93-12) n/a per new ECI cylinders installed. MSB02-9 (ECI Cylinders) n/a per date of manufacture. AD 2004-08-10 (ECI MSB04-1 Rev. 2) n/a per cylinder serial numbers installed. N/A per letter "A" stamped on flange of rocker box. AD 76-02-07 n/a per installation of ALV9510 alternator. Engine accessories exchanged for overhauled units with exception of vacuum pump, hydraulic pump, tach generator and prop governor which were not installed per this work order. Installed new RAM/FAA/PMA fuel nozzles p/n 2562-14C. New Slick pressurized magnetos p/n 6320 installed per STC SE5535SW. MSB94-8A on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-WB per Continental Service Bulletin M-75-6. Rev. 1). Installed RAM/FAA/PMA rocker arms p/n 1842-3 and 1842-4. AD 98-01-08 n/a per installation of RAM/FAA/PMA rocker arms. Cadmium plating of engine hardware and associated lines and fittings per QQ-P-416 C Class 2, Type II. Installed new RAM FAA-PMA oil cooler p/n 2600-1, s/n 1672076. AD 93-08-17 not applicable per engine model. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. AD 88-17-03 is c/w by installation of TCM rebuilt starter adapter p/n 642087A63. Above referenced engine was made eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A. AD 91-19-03 is n/a per oil filter installed. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-2. Installed RAM-FAA-PMA rocker box cover gaskets p/n 1387-1. C/W AD 93-16-15 per TCM MSB95-6 installation of fuel pump drive coupling p/n 653359. Engine ground run on test stand per RAM specifications for four (4) 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 the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to ninety (90) days. Pertinent details on file under Project No. 2549/24325.

David L. Bailey

RAM Aircraft, Limited Partnership, P.O. Box 5291, Waco, Texas 76708 CRS VA1R551K

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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
			Hobbs	TOTALS brought forward from previous page
3/3/06	1600	0	443	<p>installed This Engine s/n 274261-R IN N2130L MODEL 58TC s/n TK-25 in left position. Reinstalled the following items, vacuum pump with 253 hrs., Tach Gen, Prop. Gov., ALL baffles, ect. Replaced all engine flex hoses. Replaced engine exhaust with new. Replaced Fuel servo injector with o/h unit from Ram p/n 2524624-6 s/n 79832. installed Gami injectors after re-certified by General Aviation mods. Pre-installed under stc SE09289SC. Reinstalled Prop, serviced with 20W50 mineral oil. Run Eng, set up Eng controls, Idle/mixture and carb ck</p> <p>Reinstalled Cowling, Aircraft Flight Test and returned to service.</p> <p>I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><i>William J. Paul</i></p>

SUB-TOTALS this page

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				TOTALS brought forward from previous page
5/9/06	1617	37	480	Changed oil and Filter Re-serviced with 80-mvial oil William P. A.P. 143423552
6/30/06	1658	78	521	Changed oil and Filter Re-serviced with 100W AEROSHELL William P. A.P. 143423552
8/21/06	1678	98	541	Changed oil and Filter Re-serviced with 100-W AEROSHLL Removed Alt. slw B112636 and installed slw A206013 O/H by Ron. Rowing and ops CK William P. A.P. 143423552
10/10/06	1734	134	577	Changed oil and Filter Reserviced with 80-w AEROSHLL William P. A.P. 143423552
2/8/07	1772	172	615	Changed oil and Filter, serviced with 80-w AEROSHLL. Comp. CK ① 78 ② 70 ③ 72 ④ 75 ⑤ 70 ⑥ 70 c/w ECI SB 06-2, Leak CK, Found-OK. I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> 2/8/07 INSPECTION AND WAS DETERMINED TO BE IN <u>OK</u> UNWORTHY CONDITION <u>Hobbs 615</u> William P. A.P. 143423552-IT
				SUB-TOTALS this page
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5/16/07	1814	214	657	Changed oil and Filter, Serviced with 100-W AEROSHELL oil. Comp. CK ① 70 ② 70 ③ 68 ④ 72 ⑤ 72 ⑥ 70 clw ECI SB 06-2, Leak CK. found - OK Run Eng. and ck. for leaks. William J. Pina A/P143423552

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
08/14/07	1859.0	259.0	702.0



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM TSIO-520-WB Left Engine S/N 274261-R

On above referenced engine installed 6 new ECI nickel cylinder P/N AEC631397, S/N's #1 48408-03, #2 48383-19, #3 48408-04, #4 48383-20, #5 48412-01, #6 48408-21. Service Bulletin MSB 06-2 is N/A per S/N installed. Replaced oil cooler with new RAM/FAA/PMA unit P/N 2600-1, S/N 1752543. Installed new magneto on right position S/N 06120056, RAM overhauled fuel pump S/N A198223B, and overhauled servo S/N 79882 Engine serviced with 12 qts. Phillips multi-grade 20W50 Type M mineral oil and new oil filter P/N CH48108-1. Engine pump pressure, mixture, and fuel flow adjusted per TCM SID97-3C. 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 J. Spivey

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

9/20/07			728.8	Changed oil and Filter Serviced with AEROSHELL 100WT. Run Eng and check for leaks. William J. Pina A/P143423552
12/18/07			763.0	Changed oil and Filter, Serviced with AEROSHELL 80WT. Run Eng and check for leaks. 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
				<p>Left Engine 03-05-2008 N2130L TCM TSIO-520-WB S/N:274261-R Hobbs: 770 SMOH: 327 Hobbs Total:1927 Hobbs C/W Annual inspection. Checked compression: 1) 78/80, 2) 77/80, 3) 78/80, 4) 76/80, 5) 75/80 and 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 inbd 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>

N2130L Date: 7/8/2008 Tach: 828.2
 Removed and re-installed engine due to prop strike after inspection and repair by Ram Aircraft. Serviced with Phillips mineral oil, ground runs and leak checks good at this time, this engine is approved for return to service.

Dana Brewer 5076961591A

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
06/24/08	1985.2	385.2	828.2



RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM TSIO-520-WB Left Engine S/N 274261-R

The above referenced engine was disassembled due to a prop strike. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A, SB96-11A prop strike and AC 43.13-1B, Chapter 8 Section 1, 8-2, Para B, C, D, and E as required. Reused crankcase, crankshaft and camshaft and lifters. Installed new main and rod bearings. C/W MSB96-10 ultrasonic inspection. New bolts and nuts installed in rods. Disassembled, cleaned and inspected cylinders, honed to ring finish. New rings gapped and fit to pistons and cylinders. Leaked checked valves. Reinstalled cylinder assemblies. See tag for details. Installed overhauled oil pump. Installed accessories in their respective positions with existing time in service with the exception of the vacuum pump and prop governor which were not installed per this work order. Vacuum pump needs to be replaced per Airborne Service Letter 72. If Airborne Pump is installed. Prop governor needs to be overhauled. Flushed all related hoses received. Serviced engine with 20W50 mineral oil. Ran in test cell 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. 4181.


Renee M. Smith


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

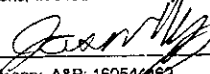
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				TOTALS brought forward from previous page
<p>Left Engine 04-09-2009 N2130L TCM TSIO-520-WB S/N:274261-R Hobbs: 872 SMOH: 547 Hobbs Total: 2147 Hobbs C/W Annual inspection. Checked compression: 1) 78/80, 2) 78/80, 3) 78/80, 4) 78/80, 5) 78/80 and 6) 76/80. 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. Repaired inbd 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><i>John J. Loftus</i> John J. Loftus 1676069171A</p>
4/12/10	2234	634	959	<p>Replace oil filter, drained oil, sample taken. Serviced with Aeroshell 100. <i>John J. Loftus</i> 3132014</p>
<p>Left Engine 05-17-2010 N2130L TCM TSIO-520-WB S/N:274261-R Hobbs: 968 SMOH: 643 Engine Total: 2243 C/W Annual inspection. Checked compression: 1) 74/80, 2) 71/80, 3) 76/80, 4) 75/80, 5) 75/80 and 6) 72/80. 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. 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	2265	674	999.6	<p>Change oil & oil filter. Took oil sample, serviced with 12qt 100w plus oil. Leak check on ground. Run 50. <i>John J. Loftus</i> 158240622P</p>
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				TOTALS —Carry forward to next page

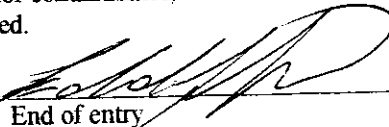
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8-16-10			1002.0	Replaced Left Engine VPC pump S/N 18770 + installed O/H pump P/N 4420W-4 S/N T2519-02. Replaced inlet + inline filters, ops check good.
				 <p>HOBBS: 1040.0 N2130L 10/15/10</p> <p>Drained Oil and changed Filter. Serviced Engine with 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>William J Price</i> A&P 143423552 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 LEFT TSIO-520-WB S/N 274261-R SMOH 626 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>Left Engine 06-03-2011 N2130L TCM TSIO-520-WB S/N:274261-R Hobbs: 1081.7 SMOH: 756.7 Engine Total: 22 C/W Annual inspection. Checked compression: 1) 75/80, 2) 71/80, 3) 76/80, 4) 76/80, 5) 75/80 and 6) 72/80. No oil change C/W at 1069. Replaced all spark plugs. C/W Ad 84-26-02 Removed, cleaned and inspected induction air filter next due 1181.7. Cleaned fuel injector nozzle. Replaced reference line seal as need. 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>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

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8/24/11			1129	Changed oil and Filter Serviced with AEROSHELL 100W+. William J. [Signature] AP143423552
 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: 725.6		Performed an Annual inspection IAW maintenance manual on L/H engine Performed a differential cylinder compression test: #1-74/80, #2-70/80, #3-72/80, #4-70/80, #5-72/80, #6-70/80. Set up high RPM, fuel pump pressures, idle and idle mixture IAW RAM specs and maintenance manual. Replaced starter protection boot with new and repositioned hoses as needed. Installed O/H starter clutch Assy and new starter, see 8130's in log folder. Replaced #5 cylinder push rod housing seals and valve cover gasket with new. Installed anti-chafe material on engine oil line as needed. Re-sealed and torqued turbo scavenger hose as needed. Replaced INBRD AFT eng mount tubing brace bolt with new. Replaced eng turbo bottom attach fitting gasket with new. Installed anti-chafe on LWR FWD engine mount tubing. Repositioned instrument air tubing 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 <u>[Signature]</u> End of entry		
Apr 15, 2012				Inspected New o/h Eng Driven Fuel Pump + set Fuel Pressure IAW RAMs Recommendations set. Set Idle + Mixture ops Good 8130 in Folder. AP2841230 [Signature] END
				SUB-TOTALS this page
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Advanced Aircraft Services 530 Airport Rd. Litz, PA 17543 Phone: 717-735-5176				DATE: 6/21/2012 A/C TSN: 1220.4 ENG TT: 1220.2 HOBBS: 1220.2
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: 		Work Order: 2330-06-2012 Printed by EBis 3 (datcomedia.com)	

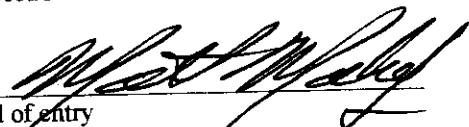



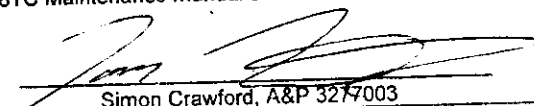
Clearwater Aircraft Maintenance and Service
14421 Airport Parkway • Clearwater, FL 33762
727-507-8881 • Fax 727-507-8887

Tail #: N2130L Date: 11/21/2012 Work Order #: 7294 Hobbs: 1254.2	Change oil and filter on L/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
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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: 850.4	Performed an Annual inspection IAW maintenance manual on L/H engine Performed a differential cylinder compression test: #1-70/80, #2-64/80, #3-72/80, #4-68/80, #5-71/80. #6-62/80. Change oil and filter. serviced engine with 11 qts of Aeroshell W100 Plus oil. R&R sparkplugs. 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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LEFT ENGINE			
Primeplanes Aircraft Services Inc. 240 Aviation Drive North Suite 102 Naples, Florida 34104 ph. 239-659-4005			
REG. N2130L	TYPE T500	SERIAL 272333	HOBBS 1293.4
Removed Engine and throttle body assembly for inspection and repair. All work performed IAW Beechcraft Baron 58TC Maintenance manual section 71-00-00 page 201.			
Signature 	Date 6/21/2013		
Simon Crawford, A&P 3217003			

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CONTINUED TIME REPAIR: This engine, model TS10-520 WB(3)F, s/n 274261-R, was received for repair for a cracked crankshaft. Engine completely disassembled & inspected. Installed VAR crankshaft, s/n B730, that was OHC(including ultrasonic inspection per MSB M96-10A) by Aircraft Specialties, CRS #DD2R764K. All cylinder barrels were deglazed & new rings gapped & fitted. Installed new lifters. No inspections or work performed to any accessories per customer request. Engine was reassembled according to guidelines from TCM Overhaul Manual #X30574A & given a 1 hour performance run on test stand with all temps, compressions & pressures within those prescribed by the factory. Oil Filter checked clean. This engine is airworthy & ready to return to normal service TSMOH 855.5.

10	SA642917-1	INTAKE HOSE	1	646553A1	GASKET SET-T5LLEWB-SUPP
1	SA641250	CRANK SEAL	1	628555-12	HOSE
1	24770	C/S PLUG	1	628555-13	HOSE .50X32.00 LG
4	655269	BUSHING-MAG DRIVE COUP	1	CH48109-1	OIL FILTER
8	SA350998	C/SHAFT BLADE BUSHING	24	MS20500-428	EXHAUST NUT
4	AEC643628-105	PIN, COUNTERWEIGHT	12	AEC629340	BOLT, CONNECTING ROD
2	AEC643626-104	PIN, COUNTERWEIGHT	12	AEC626109	NUT, CONNECTING ROD
2	AEC643626-103	PIN, COUNTERWEIGHT	12	MS24685-229	COTTER PIN
16	SA629104	LOCK RING	4	SA649205	SCREW
16	SA643629	RETAINING PLATE	2	SA641909	PLATE
1	646592A2M010	BEARING SET	12	AEC642398M010	BEARING, CONNECTING ROD
6	SA636379	SCREW	1	501867	WASHER-TAB
4	SA631088-.44	SCREW	6	AS3576-016	SEAL-O-RING
2	MS35756-8	KEY WOODRUFF	6	CH110	RING SET, NICKEL BORES, 520
2	SA632443-4	NUT	6	SA646277	LIFTER
1	646550A1	GASKET SET	6	SA628488	LIFTER
			6	SA630046	PISTON PIN
			1	640644	BRKT-THROT BODY SUPT, SRVCBLE

Certified Engines Unlimited Inc *** Opa Locka Airport, Florida USA *** FAA CRS#KG4R309M
 Inv/wo# 60213/42581 ** date: 04 April 2014

Authorized Signature: 
 Frank Neves, Jr.


Primeplanes Aircraft Services Inc.
 240 Aviation Drive North Suite 102
 Naples, Florida 34104 ph 239-659-4005



REG. **N2130L** TYPE **TS10-520-WB** SERIAL **274261-R** (HOBBS) **12988**

Reinstall repaired Engine TS10-520-WB S/N 274261-R. Using new engine mounts, and mount bolts. A serviceable throttle body mount bracket. And new gaskets, o-rings, and hardware where required. Reinstalled original accessories. IAW Beechcraft Baron 58TC MM, section 71-00-00 pages 201-202, and section 81-00-00, page 201. Performed operational run-up leak check. No leaks noted. Performed SID-97-3E, fuel system trimming. No discrepancies noted at this time.---END---

Signature


 Simon Crawford A&P 3277003

Date

5/8/2014

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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ENGINE MODEL
TSIO-520-L
ENGINE S/N (L):
274261-R
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
A/C TSN: 4840
ENG TT (L): 1300
HOBS: 1300

Left Engine Entries

(4) C/W ANNUAL INSPECTION ON THIS LEFT 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. PERFORMED COMPRESSION CHECK: 78,75,78,77,75,75 /80. ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW BEECH 58TC MM. ADS CHECKED THROUGH CURRENT ON ATP.... (48) RECONNECTED LH ENG TURBO CHARGER OIL RETURN CATCH TANK STAND OFF PIPE AS REQUIRED.... (49) REPLACED RH ENGINE UPPER DECK PRESSURE LINE ATTACH GROMMET AS REQUIRED.... (60) CLEANED SPARK PLUGS. CHECKED SPARK PLUG GAP ON LEFT MAG OF LEFT ENGINE. RAN ENGINE 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 Nicoso

Emmanuel Nicoso, IA: 3708718

Work Order: 6172-07-2014

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GULFPORT-BILOXI

12/19/14 N2130L Beech Baron 58TC S/N TK-25
Hobbs: 1388.1 LH 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

08/27/15 N2130L TCM TSIO-520-WB S/N 274261-R
Hobbs: 1410.1 Eng SMOH: ~~1410.1~~ 967.1 (SW) LH 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

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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Hobbs 1411.5

Performed Eng compression ck, all
Average cyl - 68/70s, within limits
Blain Wt. Bol 436983651

9/25/15

Precision Avionics Specialists 207 Barry Whatley Way Griffin, GA 30224
LOG ID# 2111 12-September-2016 WO# 10823 HOBBS 1440.5
N2130L S/N TK-25 BEECH 58TC

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I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR INSPECTION. COMPRESSIONS ARE #1:72/80 #2:70/80 #3:70/80 #4:60/80 #5:60/80 #6:59/80. 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

Change oil & filter install 11 QTS
100 w PLUS

Ray McCul ARP 2148841

Jewell Aviation Inc.

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

Left Engine	
Make:	CMI
Model:	IO520-WB
Serial#	274261-R
Date:	02/05/2018
Hobbs Time:	1630.2
SMOH:	1187.2

This date performed an annual inspection on this engine. Replaced cylinders with customer supplied serviceable assemblies from Performance Aircraft Powerplants, see tags. Repaired engine turbo reservoir breather line. 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 IA3036512

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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
10/20/20	1244.3		5073.3	TCM T520 520 WB S.N.# 2744 261-R Performed Annual Inspection & low 100hr / Annual Inspection guidelines compression #1 77/80, #2 71/80, #3 68/80, #4 71/80, #5 66/80, #6 70/80 cleaned & Gapped spark Plugs changed engine oil & Replaced A/FW Service & 120TS service 100w inspected old filter & fuel no meter I cadly This engine has been inspected IAW annual inspection requirements and was found to be in satisfactory condition. Shawn Jahn A/P 3967401 Shawn Jahn
12/16/2020	2844.9	1244.9	1687.9	Removed all 12 spark Plugs & replaced w/ ^{new} service Plugs P/N URHB32E. Removed Gami fuel injector nozzles, cleaned & re-installed IAW Gami IM/ICA for Turbo normalized IO 520/550 engines, tightened loose v band clamp @ turbo "y" pipe. Staked exhaust valves @ #9 & Cyl's. Replaced #6 cyl rocker bucket P/N 534857 Took comp #1 67/80 #2 74/80 #3 77/80 #4 77/80 #5 77/80 #6 74/80. tested high tension leads, adjusted magnets to engine timing Engine Rump leak check ok for work. Performed above Adam Piepke Adam Piepke A/P 3965513
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A&P AVIATION

7444 WILLIAMS LN. BONNE TERRE, MO. 63628

(573) 516-4140

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

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

Adam Piepke

A&P AVIATION

7444 WILLIAMS LN. BONNE TERRE, MO. 63628

(573) 516-4140

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

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

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