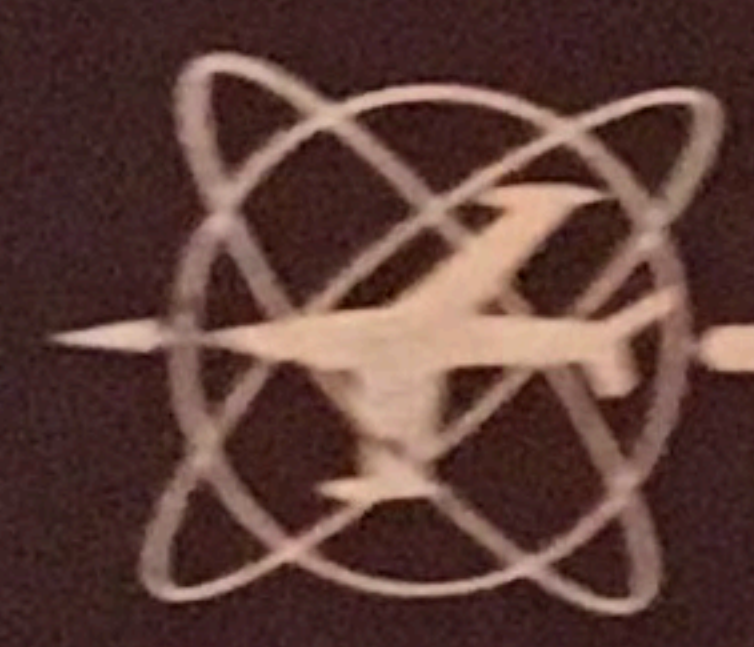


Redding, Calif  
(530) 221-4470

L.H.

 *The Standard*  
**ENGINE LOG**

ASI-SE-2



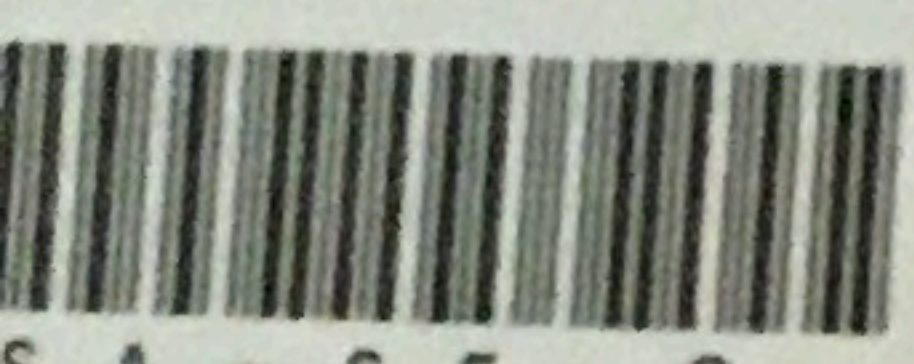
Engine Log

Supplies & Academics, Inc.

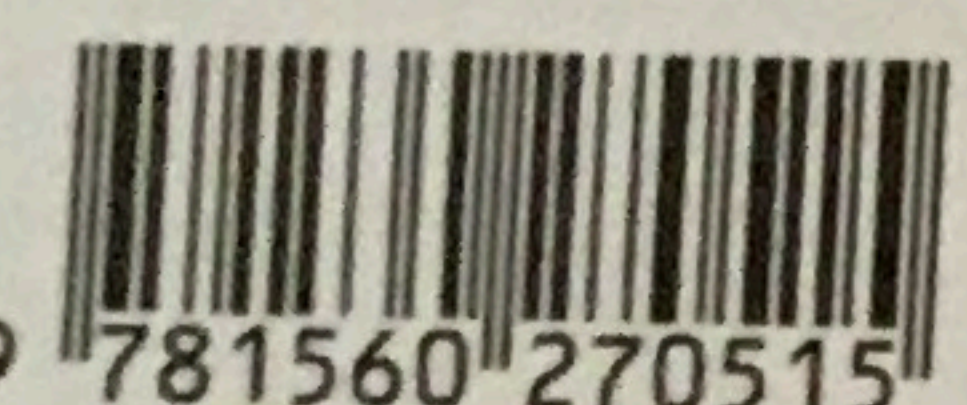
51-9

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ion, in any manner.

& Academics, Inc.  
e SE  
9-3153



S A - S E - 2



9 781560 270515

**Engine Record** General Information

**Mi**  
**Se**  
**Th**  
**Mi**  
**Mi**  
**Sp**  
**Mi**

DATE: 3-31-94 HOBBS: 721.6 ENGINE S/N: 518565  
ENGINE TOTAL TIME: 1394.4 SMOH: 000.0  
CONTINENTAL TSIO-520-WB BEECHCRAFT 58P N3871C  
ELITE SERIES ENGINE LEFT INSTALLATION

THIS ENGINE HAS BEEN ASSEMBLED AND BALANCED BY  
FIREWALL FORWARD, INC LOVELAND, COLORADO

OWNER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

L.H.

TBO: 1600 HOURS  
TCM SB#M91-8

FIREWALL FORWARD, INC.  
5212 CESSNA DR.  
LOVELAND, CO. 80538  
303-669-6185





DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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19

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: 3-31-94 HOBBS: 721.6 ENGINE S/N: 518565  
 ENGINE TOTAL TIME: 1394.4 SMOH: 000.0  
 CONTINENTAL TSIO-520-WB BEECHCRAFT 58P N3871C  
 ELITE SERIES ENGINE LEFT INSTALLATION  
 Completed engine major overhaul this date in accordance with Continental overhaul manual X30574A, parts manual X30580A and all applicable service bulletins. This engine has been overhauled to new factory fits & limits. Crankcase align bore certified, crankshaft polished standard size and dynamically balanced, camshaft replaced with new and connecting rods align bored. Cylinders replaced with factory new complete assemblies. Engine accessories were overhauled or exchanged as follows: Fuel system, starter, alternator, magnetos, new ignition harness, new spark plugs, PRV, propeller governor, vacuum pump, turbocharger, turbo controller and wastegate. List of model and serial numbers in rear of logbook. All maintenance release tags and list of C/W ADs in back of logbook. Serviced engine with 50wt. Aeroshell non-det. For complete details concerning this overhaul, refer to W.O.#5283 on file at this overhaul facility. END.

Donald D. Mumford  
 A&P523801911

FIREWALL FORWARD, INC.  
 5212 CESSNA DR.  
 LOVELAND, CO. 80538  
 303-669-6185

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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19

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE: 3-31-94 HOBBS: 721.6 ENGINE S/N: 518565  
 ENGINE TOTAL TIME: 1394.4 SMOH: 000.0  
 CONTINENTAL TSIO-520-WB BEECHCRAFT 58P N3871C  
 ELITE SERIES ENGINE LEFT INSTALLATION

ACCESSORIES OVERHAULED OR EXCHANGED AT ENGINE OVERHAUL

MFG. NAME	COMPONENT	MODEL	SERIAL NO.
Bendix	Fuel Servo	RSA-7DA1	56454
TCM	Fuel Pump	640643-7	A208106B
TCM	Flow Divider	643397-1A1	A128132C
Woodward	Prop Governor	A210802	1716991B
Airborne	Vacuum Pump	442CW-4	31133
Garrett	Wastegate	470892-2	XCR0110
Garrett	PRV	470944-9	XCR0134
Garrett	Controller	481008-22	XCR0140
Garrett	Turbocharger	409680-1	XCR0118
Bendix	Magneto	10-349260-6	B269423FR
Bendix	Magneto	10-349220-5	A269427FR
Prestolite	Starter	MHJ-4003	5N000640
TCM	Alternator	642056	C219401

FIREWALL FORWARD, INC.  
 5212 CESSNA DR.  
 LOVELAND, CO. 80538  
 303-669-6185





ST. Louis  
MO 80112  
66J

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 3-31-94 HOBBS: 721.6 ENGINE S/N: 518565  
 ENGINE TOTAL TIME: 1394.4 SMOH: 000.0  
 CONTINENTAL TSIO-520-WB BEECHCRAFT 58P N3871C  
 ELITE SERIES ENGINE LEFT INSTALLATION  
 Completed removal and installation this date of the engine and propeller to facilitate engine major overhaul. Engine installed using new engine shock mounts, oil, fuel and air hoses. Ground run and test flight in accordance with TCM SB#M89-7, Rev 1. Post flight inspection satisfactory. This engine is approved for return to service. For complete details concerning this overhaul, refer to W.O.#5283 on file at this overhaul facility. END.

Jerry Limbeck  
 A&P506984417  
*Jerry Limbeck*

FIREWALL FORWARD, INC.  
 5212 CESSNA DR.  
 LOVELAND, CO. 80538  
 303-669-6185

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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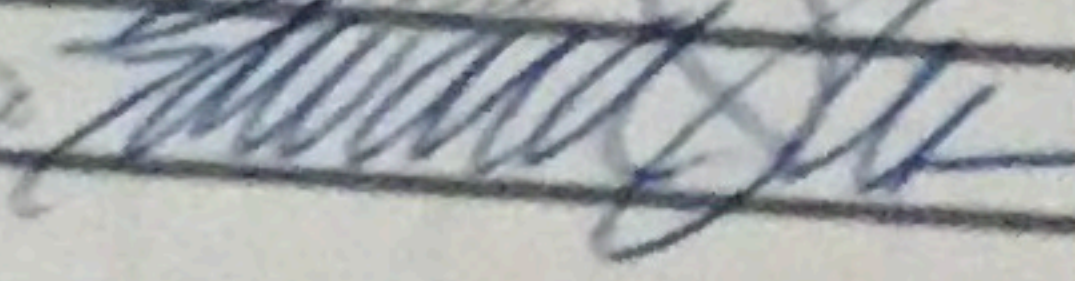
19 94  
 4-17- 746.9  
 Engine oil & filter changed Added  
 12 qts 100 non AeroShell oil. No  
 metal present. Compression 7/100  
 on all cylinders. *Re-up &*  
 back checked ok. *DL*  
 A&P 393588930



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ELITE AIR CENTER**

BEECH 58P N3871C TJ358 3-31-95 1075.0 HRS LT ENGINE  
 \*COMPLETED A ROUTINE 100 INSPECTION THIS DATE USING BEECH GUIDE 102-590000-19G. TOTAL TIME IN SERVICE IS 1749.0 HRS & SMOH IS 354.6 HR.  
 \*DRAINED THE OIL, CHANGED THE FILTER & FILLED WITH 11 QTS 15W50 OIL.  
 \*COMPRESSION CHECK #1 76, #2 68, #3 70, #4 63, #5 69, #6 70/80.  
 \*CLEANED AND GAPPED ALL SPARKPLUGS. ROTATED, INSTALLED TORQUED.  
 \*REPAIRED MISC. LEAKS AT TURBOCHARGER COUPLINGS. CHECKED UPON COMPLETION AND NO FURTHER LEAKS FOUND.  
 \*R&R UPPER INTERCOOLER HOSE W/ NEW BEECH HOSE. LEAK CHECKED.  
 \*TIGHTENED EXHAUST SLIP JOINTS AS PER TCM MANUAL. NO LEAKS  
 \*REPAIRED BROKEN FUEL SERVO TRAY TABS AS REQUIRED.  
 \*R&R PROP. GOVERNOR GASKET W/ NEW. NO LEAKS NOTED ON RUN UP.  
 \*C/W 500 HOUR MAGNETO INSPECTION RT & LT MAGS.  
 \*R&R ALL DEFECTIVE BAPPLING MAT. W/ NEW SILICONE REPLACEMENT.  
 \*C/W WITH SVC BULLETIN 2411. NO DEFECTS NOTED. NEXT DUE AT 1175.0  
 \*FOUND BENDIX AD NOTE D/N/A BY REPLACEMENT OF CAPACITOR.  
 \*R&R #4 & #1 CYLINDERS--SENT TO FWF--UNITS REPAIRED UNDER WO#6245 DATED 12-7-95. INSTALLED & REPLACED ALL PACKINGS. PREOILED  
 \*R&R WASTEGATE TO MANIFOLD DRAIN LINE & SECURED.  
 \*REPOSITIONED WASTE GATE OIL SUPPLY LINE. TIGHTENED. NO LEAKS  
 \*R&R ALTERNATOR CAPACITOR W/ SVC BLE UNIT. SECURED ALL WIRING  
 \*SEE AIRCRAFT FILE FOR COMPLETE AD NOTE LISTING & FOR COMPLIANCE.  
 \*I CERTIFY THAT THIS AIRCRAFT ENGINE WAS INSPECTED I/A/W THE SCOPE & DETAIL OF FAR 43 APPENDIX D & DETERMINED TO BE AIRWORTHY FOR RETURN TO SERVICE.

SIGNED:  CERTIFICATE NO. 790583999 AP

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Aug 9, 1995  
 Hobbs 1166.5

Oil + filter changed by  
 Stroud Air Service Inc. No  
 log book entry made. See  
 invoice # 1031 at rear of book.



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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April 21, 1996  
Hobbs- 1306.9

Changed oil and serviced with Aeroshell 15w50. Installed new oil filter and cut and inspected old filter. Cleaned CHT probe connections. Removed and reinstalled alternator for overhaul by Medallion Engines, Inc. Alternator reinstalled using new drive coupling TCM part #646655. Washed engine and ground run check good.

*Eric P. Hubbert*

**R & M AIRCRAFT SPECIALTIES INC.**  
2642 Airport Dr., Ste. 101  
N. Las Vegas, NV 89030  
FAA Approved Repair Station  
#SYVR693K

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**Strand Air Service, Inc.**

2085 Mahogany Street, Suite A Mora, Minnesota 55051  
612 679-3996

LOGBOOK ENTRY N3871C

1/4/96 Total Time: 1241.7 Complied with S.B.2630. inspection and/or repair of #2 cabin window upper longeron. Found rivets missing and longeron cracked, stop-drilled crack, installed longeron reinforcement kit IAW S.B.2630. Complied with S.B.2484 Rev.1 inspection/replacement of outflow/saftey valves. N/A by S/N of valves. Changed oil and filter, both engines, serviced each engine with 12 quarts 15W-50 Aeroshell oil, engines ground run, leak check OK.

END

*C. M. [Signature] 473822957*



CO 80112  
6J

157951  
260186  
981092

CODE

6 | 1 | 1 | 5 | 5

REASON:

Pushing  
Rotating Seal  
Sponge Gasket  
Shear Coupler  
Internal Spline Dr.  
External Spline Dr.

Approved with FAA

R & M AIRCRAFT SPECIALTIES INC.

DATE 19 96  
Technician or Repair Facility. (See back pages for other specific entries.)

Nov 11	1996		Changed oil + serviced serviced with Aeroshell 15W50. Installed new oil filter + cut + inspected old filter. Cleaned fuel injectors. Cleaned + tested spark plugs. Compression check 1-70/80, 2-62/80, 3-68/80, 4-60/80, 5-64/80, 6-66/80. Installed new intake filter. Replaced forward section of engine buffer material. Washed engine + ground run check good.
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I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH AN annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

**R & M AIRCRAFT SPECIALTIES INC.**  
2642 Airport Dr., Ste. 101  
N. Las Vegas, NV 89030  
FAA Approved Repair Station  
#SYVR693K

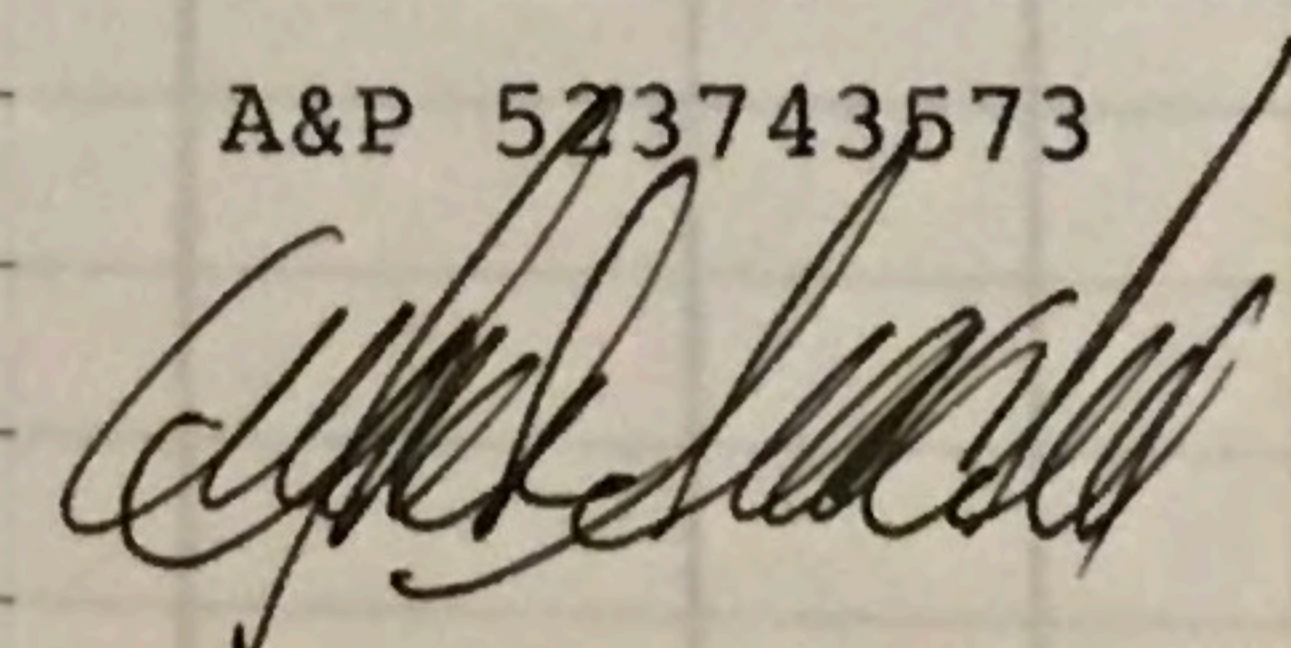

Eric P. Hubbs

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-19-97	1360.8			100 hr. Inspection completed. Oil + filter changed. Installed Aeroshell 15/50, Fuel Inj. Cleaned, Spark Plugs cleaned + gaped, Compression ok #1-62 #2-63 #3-61 #4-63 #5-62 #6-68 Price 6. Checkbook A4P1480372
				BEECHCRAFT 58P N3871Cs/n: TJ-359 TT 2292.5 Hobbs 1360.8 Continental TSIO-520-WB Left s/n 518565 TTENG 2033.6 TSOH 639.2 I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. Ray Krottinger AP 460648337 IA



via St. Louis  
CO 80112  
6J

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-18-98	1393.1			Changed Oil & Filter installed Aeroshell 100W Oil. removed & replaced Vac. Pump P/N 442 CW-4 s/n 17951 See Release Rec'd. Manual A# 1480372
1-15-99	1405.6			100hr Inspection Completed Oil Filters Replaced Replaced all sparkplugs with RHB32P, Comp. ck. #1-61 #2-64 3-62 4-60 5-60 6-65 Rec'd. Manual A# 1480372
BEECHCRAFT 58P Jan 15, 1999 N3871Cs/n: TJ-359 TT 2337.3 Hobbs 1405.6 Continental TSIO-520-WB Left s/n 518565 TTENG 2078.4 TSOH 684.0				I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
				Ray Krottinger AP 460648337 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE: 7-23-99 HOBBS: 1454.4 N# 3871C S/N: TJ-359				Completed top overhaul this date. Cylinders over- sized to .015", install new parts as follows: exhaust guides, exhaust valves, pistons, rings, rocker shafts, intake seals, gaskets safties & seals. Install new lifters on intake & exhaust positions, serviced engine with Aeroshell 50wt non detergent oil. Ground run check normal operation with no oil leaks found. For complete details concerning the work accomplished, refer to WO# 8215 on file at this overhaul facility. END.
A&P 523743573				
				
				5212 Cessna Drive Loveland, CO 80538 (303) 669-6185



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>N3578S Beechcraft 58P "Baron", S/N: TJ-359 LEFT ENGINE LOG ENTRY  November 5, 1999 Aircraft Hobbs Reads: 1,514.2 hours  Left Engine Model: T.C.M. TSIO-520-WB, S/N: 518565  Drained oil and replaced filter with a new unit Champion P/N: CH48108, date code: F08K05-1;  Inspected removed filter for abnormal contamination, none found. Refilled engine oil sump with Aeroshell  80/40 non-detergent (mineral) oil.  Complied with T.C.M. service bulletin M94-2 (Oil Filter Adapter Inspection) dated 2/10/94 during  filter change, stud height acceptable and no looseness detected.  Complied with T.C.M. service bulletin M84-15 (Cylinder Compression Leak Check) dated 12/21/84  with the following results: #1 76/80; #2 76/80; #3 77/80; #4 76/80; #5 78/80; #6 77/80.  Retorqued all rocker box cover screws in accordance with TCM service bulletin SB96-7 (Torque  Limits) dated: 6/11/96.  Performed engine run up and leak check with normal results. Work performed in accordance with  Beech 58P/58TC series service manual, TCM TSIO-520-L/LB/WB operators manual X30505 and TCM  service instructions.</p> <p style="text-align: right;"><i>[Signature]</i>  John E. Caka AP147582140</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>DATE <u>Jan 21-00</u> TOTAL TIME <u>2,208.9</u> Hobbs <u>1536.1</u>  I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED  IN ACCORDANCE WITH <del>100 HOUR</del> ANNUAL INSPEC <u>SMOH 814.5</u>  TION AND WAS DETERMINED TO BE IN AIRWORTHY  CONDITION. SIGNATURE <u>[Signature]</u>  A&amp;P <u>2083704 FA</u>  Authorized Inspector</p> <p><u>Comp. Check</u></p> <p>1-77 2- 75  3-76 4- 76  5-77 6- 77</p> <p>100hr and Annual Insp Changed oil &amp; filter.  Added 13876 Aeroshell 14/90. ALT for sent  To Precision Air of Sbc. For repairs and overhaul,  Changed Fuel Flow Transducer with new unit #  35-9018-35, Changed eqt Probe, installed Heat  Arcl us Per instructions, Retimed mag and  Re-gapped Spark plugs. Ran engine and  Checked for leaks, and O.P.S.</p> <p style="text-align: right;"><u>[Signature]</u>  2083704 FA</p>



DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>DATE <u>Feb 22.01</u> TOTAL TIME <u>2267.1</u> 872.7 5mo 4</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR ANNUAL INSPEC- TION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE: <u>Thomson</u></p> <p>A&amp;P <u>2073704 I 67</u> Authorized Inspector</p> <p>100hr of Annual Insp. Changed oil and filter. Added 13qt Aero Shell 14/50 Rotax oil mag. Installed New Air Filter, Cleaned and replaced spark plugs, Rechecked engine and checked for loose nuts &amp; bolts.</p> <p><u>Thomson</u> 2073704 I 67</p>
	Comp 81 /			
	1-74	2.70		
	2-70	4.68		
	5-68	6.72		

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>11.20.02 Hr. meter 1005.4</p> <p>Revised h.t. mag. New coil-10-3410PP-1</p> <p>New Dist. Gears &amp; Dist. Block. Replaced Ign Harness Both mag. Cleaned and checked plugs</p> <p><u>Thomson</u> 2073704 I 67</p>



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>DATE <u>1-18-05</u> TOTAL TIME <u>2426.8</u> → <u>1037.9</u> 5moH</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>[Signature]</u></p> <p>A&amp;P <u>2083204 IA</u> Authorized Inspector</p> <p>100hr Annual Insp. Check oil level F. E. Lev. Added 13 qt. Aero Shell 15/50 removed #2 cyl and on due to low compression, installed factory new Assy. Checked and gap of plugs, the timing was set, replaced 16 of Prop Bush Mechan. Run engine and checked for leaks &amp; operation.</p> <p><u>[Signature]</u> 2083204 IA</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>DATE <u>11-1-05</u> TOTAL TIME <u>2426.9</u> 1037.9 5moH</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>[Signature]</u></p> <p>A&amp;P <u>2083204 IA</u> Authorized Inspector</p> <p>100hr Annual Insp. Check oil level Filter Added 13 qt. Shell 150 Non Det. Oil, replaced # 1-3-4-5-6. Cylinders with factory new Asson blys, Part # 655470-A4, installed new wrist pins, Rebuilt all rocker arms, All new push rods, Intake Hoses, and brackets, Check timing timing changed plugs. Run engine and checked for leaks &amp; operation.</p> <p><u>[Signature]</u> 2083204 IA</p>



CO 80112  
1961

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-6-06	1761.8		2434.6	<p>DATE <u>9-6-06</u> TOTAL TIME <u>2434.6</u> → <u>1040.25204</u></p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR ANNUAL INSPEC- TION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNATURE <u>[Signature]</u> A&amp;P <u>2083704 JH</u> Authorized Inspector</p>
CAMA Check 801				
1-78	2-78			<p>100 hour Annual Insp, Change oil and Filter, Added 13qt's Aerosol oil 90 non deter, Cleaned and gaped spark plugs, Refined mag's, Lubed Cautich's, Pan engine and checked for leaks and operation</p> <p><u>[Signature]</u> 2083704 JH</p>
3-78	4-77			
5-78	6-78			

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-5-07	H	1833		<p>Install OH 550T + PC drive Assy from Aero Acc. New front drive bearing, clean oil pan + service with Aerosol 15W50. <u>[Signature]</u> A&amp;P 1968451</p>
5-2-07	H	1858		<p>Change oil + Filter. Service with Aerosol 15W50 + PO BLEND. <u>[Signature]</u> A&amp;P 1968451</p>
8-16-07	H	1951		<p>Change oil + Filter. Service with Aerosol 15W50 + PO BLEND. <u>[Signature]</u> A&amp;P 1968451</p>





DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				<p>ENGINE MODEL: <b>DFW Aero Mechanix Inc.</b> DATE: 8/9/2007            ENGINE SN (L): 16321 Address Rd. Ste150 A/C TSN:            REG. NO: N3871C Address, Texas 75001 ENG TT (L):            WORK ORDER: 4087-08-2007 Phone: 972-255-2452 HOBBS: 1629.3</p> <p><b>Left Engine Entries</b>            Compressions #1 80/69 #2 80/65 #3 80/66 #4 80/65 #5 80/72 #6 80/64---Installed new spark plugs (URHB32S)</p> <p>DATE: 8/9/2007 SIGNED: <i>Juan Oviedo</i> Work Order: 4087-08-2007            Juan Oviedo, A&amp;P: 30314491A Printed by EBis 3 (datacomedia.com)</p>
				1

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
11-23-07	H 19	68		<p>Compressions 1 <sup>74</sup>/<sub>80</sub> 2 <sup>72</sup>/<sub>80</sub> 3 <sup>73</sup>/<sub>80</sub> 4 <sup>74</sup>/<sub>80</sub> 5 <sup>74</sup>/<sub>80</sub> 6 <sup>73</sup>/<sub>80</sub>            Change oil + filter. Service with Rosshok 15W50 + 2 cans Av Blend. Clean injectors + plugs.</p> <p>NOTE 11-23-07 TACH 1968            TOTAL 2641 TSMOH 1247            I CERTIFY THAT THIS ENGINE/AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>Jesse Lutter</i> IN1968051            Jesse Lutter</p>
01-02-08	H 19	95.8		<p>Change oil + filter. Service with Rosshok 15W50 + 2 cans Av blend. <i>Jesse Lutter</i> IN1968051</p>



CO 80112  
66J

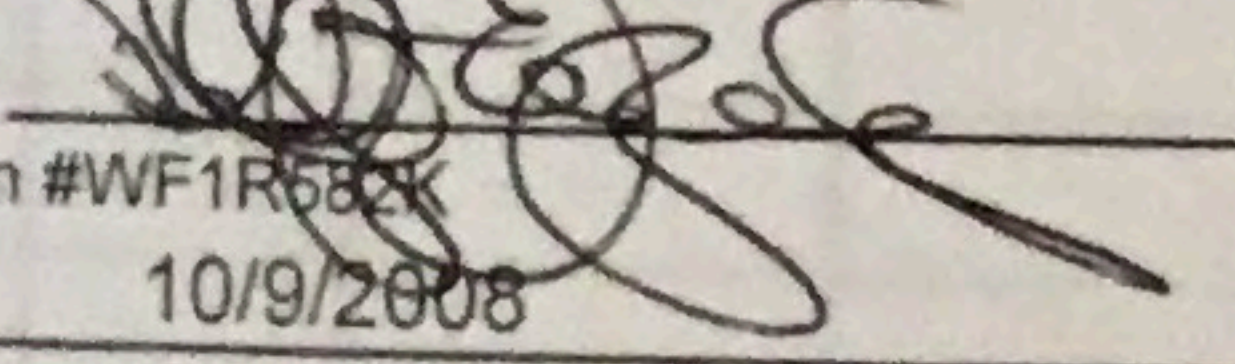
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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Broadie's Aircraft Inc., Meacham Field, Loc N2, Ft. Worth, TX 76106

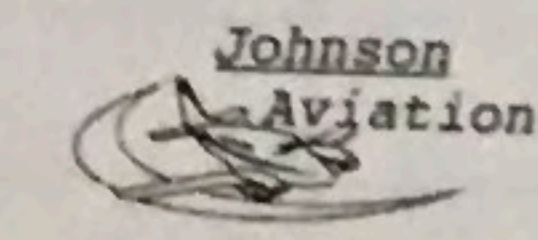
**SUPPLEMENTAL LOG BOOK ENTRY**

A/C N# N3871C S/N: TJ-359  
Description of work performed: HOBBS 2007.7  
ENGINE L/H

Complied with customer requested compression check, # 1 65/80, # 2 72/80, # 3 68/80, # 4 54/80, # 5 68/80, # 6 67/80. Removed, cleaned, inspected, gapped, and tested spark plugs, and reinstalled using new gaskets, P/N M-674, 12 each. Took oil sample for analysis, drained oil, removed oil filter P/N CH48108-1, cut open to inspect with no abnormalities found. Installed new filter, P/N CH48108-1, torqued and safetied. Serviced engine with 11 quarts of Aeroshell 15W-50W oil, and 24 FL of AVBLEND. Ran engine up with no leaks noted. All work was accomplished IAW Beechcraft, Continental maintenance manuals and engine is approved to return to service in regards to work performed.

Signature:   
Repair Station #WF1R553K  
Date: 10/9/2008 RO# 181088

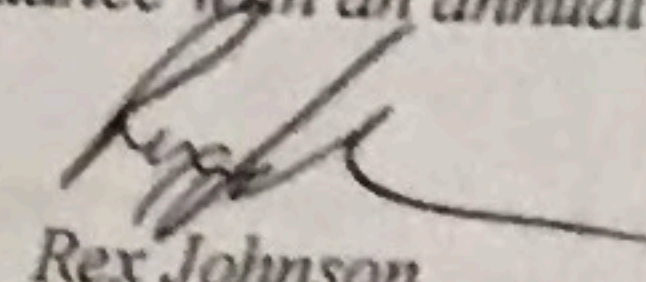
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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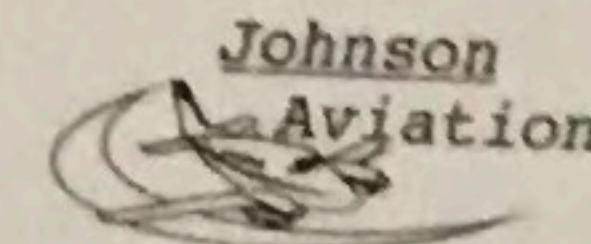
  
353 Airport Rd.  
Tyler Texas 75704

LT  
N3871C Eng. Log

Date: 1/30/09  
Tach: 2010.1  
SMOH: ~~1546.7~~ 1288.5  
↑  
Error

Performed an annual inspection and accomplished the following:  
1. Compression Ck. 1)74 2)76 3) 75 4)70 5)74 6)75 over 80.  
2. C/W AD 84-26-02 by installing a new engine air filter.  
3. Cleaned and gaped the spark plugs.  
4. Complete AD list is in the Log Folder.  
I certify this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

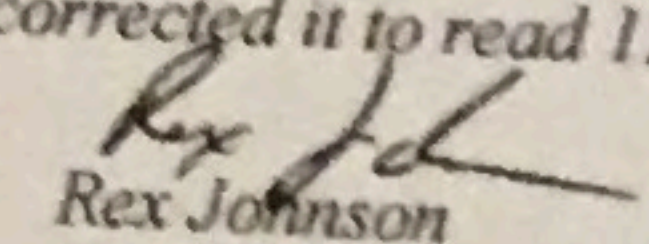
  
Rex Johnson  
A&P31293141A

  
353 Airport  
Tyler Texas 75704

N3871C

Date: 2/1/2010  
Tach:  
Hm:

1. There was an error in the SMOH on the previous entry, I corrected it to read 1288.5

  
Rex Johnson  
A&P31293141A





DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11/03/10 Total Time 2693.4	Continental TSIO-520-WB Engine S/N 518565	SMOH 1299.0 Hobbs 2020.6	<p>Changed oil and cleaned screen, cleaned and gapped plugs, compression check: #1 65/80, #2 63/80, #3 57/80, #4 /80, #5 57/80, #6 70/80.</p> <p>AD 09-16-03 N/A Sap cylinders not installed AD 09-19-07 N/A No EQ3 cylinders installed after Nov 2007 AD 09-24-52 Superseded by 10-11-04 AD 10-07-08 N/A Turbocharger overhauled before June 07 AD 10-11-04 N/A No lifters reolaced after June 2009</p> <p>This engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.</p> <p>Thomas May 456785534 IA <i>Thomas May</i></p>	
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March 23, 2011, Hobbs: 2028.2 Engine SMOH: 1306.6	<p>Removed six (6) TCM fuel nozzles P/N: 632748-14C and installed General Aviation Modifications, Inc. turboGAMIjectors Kit No. GT14C S/N: 13542 STC No. SE09289SC PMA No. PQ821SW per turboGAMIjector Installation Procedure No. IP-97-002 (rev 001) dated February 6, 1997. No change in weight and balance. Ground run engine, no fuel leaks found. Completed Form 337.</p> <p><i>Michael Cronk</i> Michael Cronk A/P 3218572</p>			
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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June 16, 2011, Hobbs: 2035.8 Left Engine SMOH: 1314.2	<p>Removed magnetos S/N: B269423FR and S/N: A269427FR for overhaul at Western Skyways under WO 0027757. Reinstalled and timed to engine. Engine ground run satisfactory. <i>DBurn A/P 2636508</i></p>			
July 14, 2011, ACTT: 2979.0 Left Engine SMOH: 1325.7	<p>Oil change. Removed oil filter P/N: CH48108-1, cut open and inspected, no abnormalities found. Installed new oil filter P/N: CH4810801 and serviced engine with 10 quarts Phillips X/C 20W50. Compression check: (1) 72/80, (2)73/80, (3) 71/80, (4) 70/80 (5)72/80, (6) 72/80. Engine ground run satisfactory. <i>DBurn A/P 2636508</i></p>			

N3871C LT. ENG.  
Date 1-11-12  
Hobbs 10.2 ETT 2742 SMOH 1348 STO 615.2  
Completed An Annual/100 Hr Insp. IAW FAR 43 Appd. D.  
Comp #1 60/80 #2 61/80 #3 68/80 #4 62/80 #5 65/80 # 6 65/80.  
Drain oil, checked filter, and serviced with 11 Qts 20/50 XC.  
Installed Ch481 08-1 oil filter. Removed, cleaned, gapped, tested, and rotated all spark plugs. Ads checked to date. Completed leak, and ops checked. For Compliance see ATP AD report Provided to the owner. I certify this Engine has been insp. IAW an Annual/100 hr. Insp. and was determined to in airworthy condition at this time.  
A/P IA 3465871 *Joe Berry*



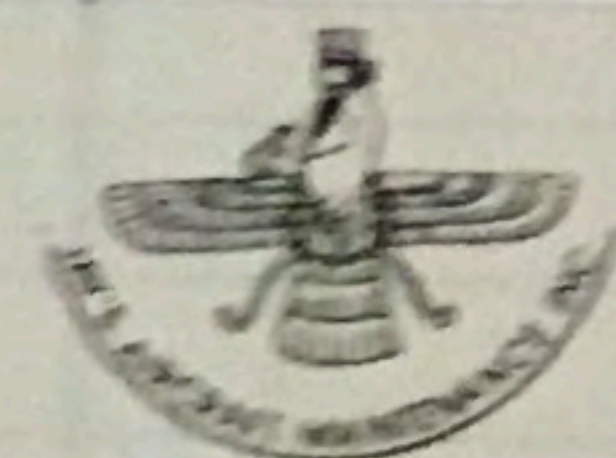


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**Boerne Stage Aero Service**

N3871C 01/11/2013  
 Hobbs: 13.3 SOH: 1339.8  
 C/W 100 hr inspection IAW FAR 43 appendix (d) & TCM service / maintenance manuals. Performed compression test #1-74/80, #2-69/80, #3-70/80, #4-67/80, #5-70/80 and #6-69/80. Removed spark plugs cleaned, gapped and reinstalled. Changed oil and filter, inspected filter for metal none found. Serviced with 11 qts. X/C 20-50 and CH48108-1. Verified AD compliance to 01/11/2013. A complete AD summary was furnished to aircraft owner and is part of aircraft permanent records. Leak and ops check, ok. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time  
 A&P 521436738 JA

N3871C  
 S/N:  
 MODEL:  
 HOBBS TIME: 25.5



DATE: 02-15-13  
 W.O. #: 20006  
 TOTAL TIME:

LEFT ENGINE LOG  
 2980 AIRWAY AV, COSTA MESA, CA 92626  
 TEL: 714-433-2275  
 FAA APPROVED REPAIR STATION # JYVR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED:

LEFT ENGINE WASHED DOWN THOROUGHLY. R&R TACH GEN HOUSING AFTER RESEALED WITH THREAD SEALER. SERVICED WITH 12 QTS OF A/S 100W AND CH48110-1 OIL FILTER (1). NO AOA TAKEN. ENGINE WASHED, RUN UP AND INSPECTED. OPERATIONAL CHECK SATISFACTORY.  
 R&R OIL LINE FROM OIL PRESSURE WITH SERVICEABLE HOSE.  
 TEMPORARILY REPAIRED OIL LINE FROM CONTROLLER.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**N3871C**

Date 2-28-13 Hobbs 031.5  
 Uncowled Lt. eng. Ran up, checked for oil leaks. Removed oil cooler installed new gaskets 2 Each pn#s SA631059, and 649961. Installed new AA48 108-2 oil filter. Completed leak check run up. Cowled Lt. eng. Returned ac to service for only work done.

A/P 3465871

*Joe Barry*

**Left Engine Log**

**N3871C**

Date: 12/10/2013 Hobbs: 84.6  
 Drained oil, removed filter, checked filter for metal, none found. Serviced with 11 quarts of Phillips X/C 20W-50 and CH-60108-2. Run up and leak check ok. Returned aircraft to service for work performed.  
 A/P 3681916

*Joe Barry*



CO 80112  
6J

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**Boerne Stage Aero Service**

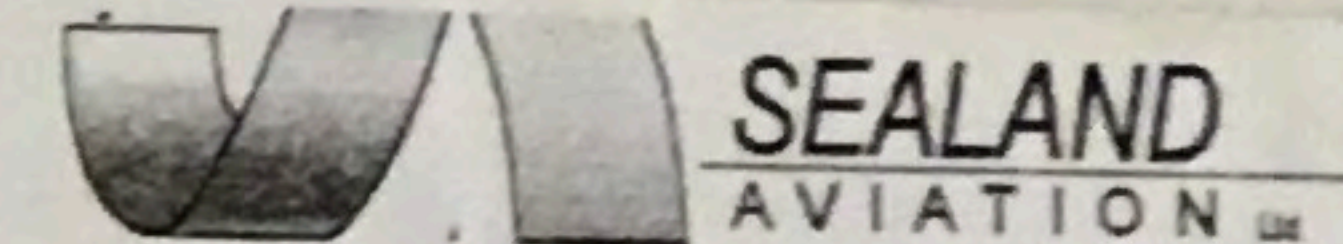
02/1/2014 N3871C SN:518565 Hobbs Time: 85.6 TSMOH: 1384.3  
 C/W 100 hour inspection IAW FAR 43 appendix (d) & TCM service/maintenance manuals. Verified  
 compressions: #1-71/80, #2-64/80, #3-68/80, #4-64/80, #5-64/80, #6-70/80. Removed and replaced Oil with  
 Philips 66 20-50W mineral oil, inspected oil filter and found no contaminants, and replaced oil filter.  
 Removed spark plugs, cleaned, gapped, tested and reinstalled. Verified AD compliance bi-weekly to  
 01/10/2014, per manufacturer. A complete AD summary was furnished to aircraft owner and is part of  
 aircraft permanent records. Run up and ops check, ok. I certify that this engine has been inspected in  
 accordance with an annual inspection and was determined to be in an airworthy condition at this time.  
 A&P 2696098

South Texas Aircraft, LLC.  
 Engine Log

N3871C  
 Hobbs: 99.4  
 Date: 04/15/2014

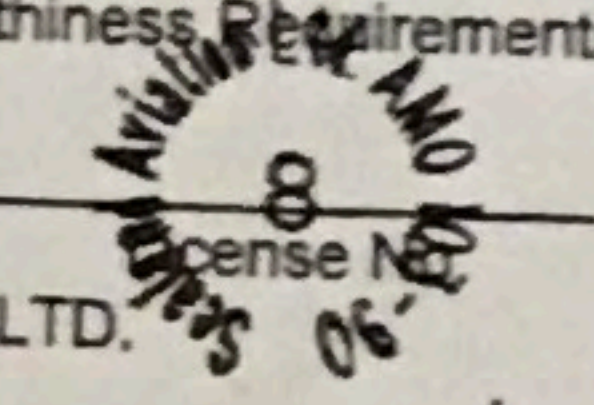
Installed new RHB32S top spark plug in #1 cylinder. All work performed in reference with service manual. Run up  
 and ops check, ok. Returned aircraft to service for work performed.  
 A&P 2736722 Charles Reynolds

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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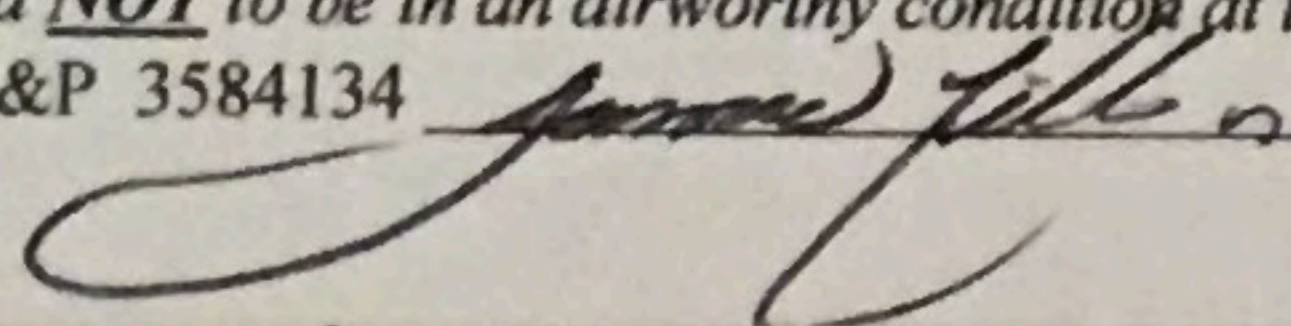



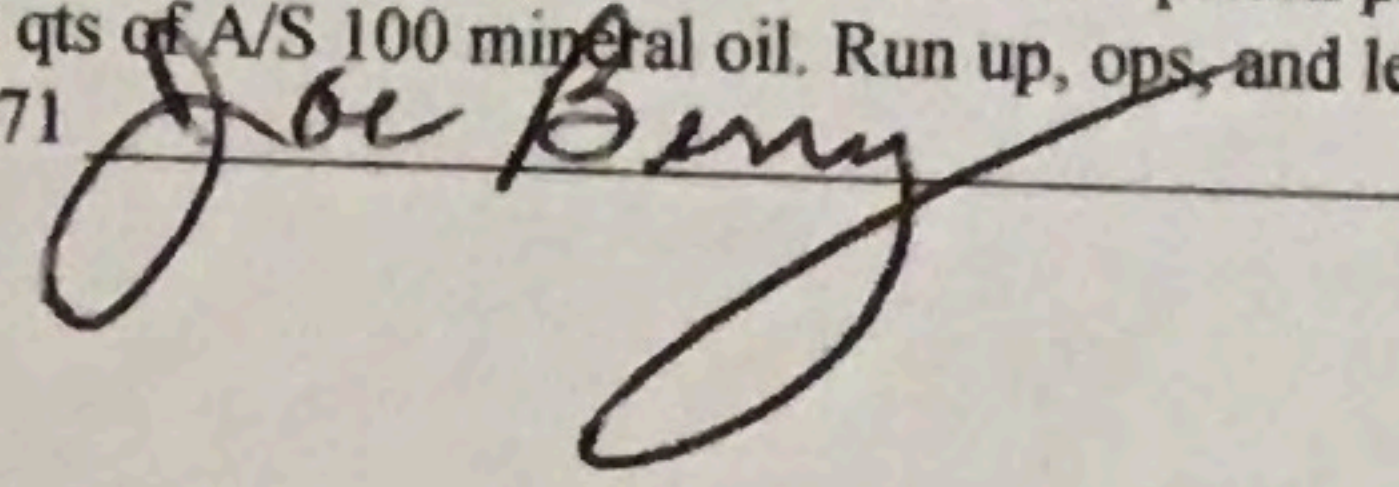
Date: 7/29/2014; Aircraft: N3871C; Type: Beech 58P; S/N: TJ-359; Total Time:  
 Shop Order #: 140614  
 LH and RH engine oil filters changed (PN AAH8108-2, BN 13718) LH and RH engine oil changed (PN 20W-50, BN 12219).  
 Ground run carried out; RH engine breather drain hose clamp retorqued and found serviceable, LH engine found serviceable.

The Described Maintenance Has Been Performed In  
 Accordance With The Applicable Airworthiness Requirements.  
 29 July '14 Date  
 Signature  
 SEALAND AVIATION LTD.  
 AMO 103-90





DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				 <p>South Texas Aircraft, LLC. LH Engine Log</p> <p><b>N3871C 02/09/2015</b>  <b>Hobbs: 142.7 Left Eng. TSMOH: 1441.4</b>            C/W 100hr. inspection, reference FAR 43 appendix (d) &amp; TCM service/maintenance manuals. Compression checked: #1-60/80, #2-39/80, #3-60/80, #4-46/80, #5-54/80, and #6-61/80. Engine cylinders failed inspection standards. Cleaned, gapped, tested and reinstalled sparkplugs. Drained oil, removed filter, and inspected filter for metal, none found. Serviced engine w/12 qts. of A/S 100W and CH48108-1 oil filter. Verified AD compliance bi-weekly to 02/09/2015, per manufacturer. A complete AD summery was furnished to aircraft owner and is part of the aircraft permanent records. I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined <b>NOT</b> to be in an airworthy condition at this time due only due to failed cylinder inspection standards. A&amp;P 3584134  James Gibbs</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				 <p>South Texas Aircraft, LLC. LH Engine Log</p> <p><b>N3871C 02/09/2015</b>  <b>Hobbs: 142.7 Left Eng. SMOH: 1441.4 STO: 0.0</b>            Performed Top Overhaul on left engine, reference TCM service/maintenance manuals to correct failed cylinder inspection standards the 100 hour inspection. Installed new Superior cylinder assemblies, P/N: SA52006-A22P, S/N's: 526-L14-16276, 526-L14-16280, 526-M14-16427, 526-M14-16428, 526-M14-16429, and 526-M14-16430. Installed one new hydraulic lifter, P/N: SA46277. Installed new piston pins in each cylinder assembly, P/N: SA630046. Serviced engine w/12 qts of A/S 100 mineral oil. Run up, ops. and leak check, ok. Retuned to service only for work performed. A&amp;P 3465871 </p>



CO 80112  
6J

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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South Texas Aircraft LLC  
Left Engine Log

N3871C Left Engine  
Date: 02/19/2015 Hobbs: 148.4  
Installed new CHT spring probes, P/N: 2852 on cylinders #2 and #6. Run up/ops  
check, ok. Returned to service only for work performed.  
2736722 A/P \_\_\_\_\_ Charles Reynolds



N3871C  
Airframe Log  
Date: 06/15/2015 Hobbs: 183.2  
Replaced #6 cylinder EGT probe on left engine with new Insight probe, P/N: 2870.  
Adjusted voltage regulator per manufacturer's maintenance manual. Run-up and  
operational check, ok. Aircraft returned to service only for work performed.  
2736722 A/P \_\_\_\_\_ Charles Reynolds

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 4/16/2015; Aircraft: N3871C; Type: Beech 58P; S/N: TJ-359  
Shop Order #: 150331  
#1 and #2 engine oil systems serviced with Phillips XC20W50 (BN 1560) Oil filter removed, cut open to inspect for contaminants, no  
defects noted. New oil filters (P/N AA48108-2 BN 14150) installed. Engine ground run and leak check carried out, no defects.  
Caliper found leaking at pistons, piston cylinder o-rings replaced with new (PN MS28775-132, BN 14612) Brake caliper installed and bled  
as per Beech Baron M/M, Sect 5. Leak and function checked. No defects noted.  
LH Turbo heat shield found broken at lower attach point. LH Lower heat shield removed for weld repair. Heat shield weld repaired with  
1/16 347SS welding rod, BN 497729. Heat shield support reinstalled after repair.

The Described Maintenance Has Been Performed In  
Accordance With The Applicable Airworthiness Requirements.  
16 Apr/15 \_\_\_\_\_ 13  
Date Signature License No.

SEALAND AVIATION LTD.  
AMO 103-90




CO 80112

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

CONTINENTAL TSIO-520-WB S/N 518565 PROP STRIKE INSPECTION IAW MANUAL # X30574 WITH THE FOLLOWING PARTS INSTALLED: 1EA CRANKCASE O/H ID # 00173PL, 1EA 649898 CRANKSHAFT INSPECTED S/N F872, 6EA 655005 CONNECTING ROD ASM O/H, 1EA SA649520 CAMSHAFT ASM REGRIND S/N 522016, 6EA SA52006-A1 CYLINDER ASM REPAIRED, 1EA RSA-7DA1 P/N 2524624-6 FUEL INJECTOR SERVO CONTINUE TIME S/N 56454, 1EA 643397-1A1 FUEL MANIFOLD CONTINUE TIME S/N A128132C, 1EA 640643-7 FUEL PUMP O/H S/N E298115B, 1EA 10-349220-5 MAGNETO O/H S/N LY46911A, 1EA 10-349260-6 MAGNETO O/H S/N LY46911B, 1EA 1E1775 OIL COOLER O/H S/N 181, 1EA 642087-1A5R STARTER ADAPTER REBUILT, 8EA 350998 BUSHING, 16EA 639193 BUSHING, 6EA 530658 BUSHING, 4EA 10-349219 WEDGE, 2EA ES10-160844 BRUSH ASM, 2EA 10-163374 FELT, 2EA AB382584 CONTACT, 1EA AB382585 CONTACT, 2EA ES10-391213 SCREW, 2EA 10-400009 DATA PLATE, 2EA KA10-400615 CAPACITOR, 2EA 10-400561 BEARING, 2EA 10-400567 BEARING, 2EA 10-50752 WASHER, 6EA 10-53397 WASHER, 2EA 10-90751-18 PIN, 2EA MS16624-1037 RING, 2EA 502102-1 RET RING, 1EA 10-349248 SLINGER, 1EA 646550A1 GASKET SET, 1EA 646592A2 BEARING SET, 1EA 642398 BEARING, 1EA 630899 BEARING, 1EA 642892 GASKET, 1EA 652887-6.19 THRU BOLT, 1EA 657175 CRANK GEAR, 6EA 656990 BOLT, 1EA 656991 CRANK GEAR, 1EA 641250 SEAL, 12EA 655961 BOLT, 4EA 649205 SCREW, 2EA 641909 PLATE, 16EA 629104 RET RING, 16EA 643629 PLATE, 3EA 401752 PLUG, 4EA 402941 PLUG, 2EA 643626-103 ROLLER, 2EA 643626-104 ROLLER, 1EA 652887-5.31 THRU BOLT, 1EA 656818 CAM GEAR, 6EA 658077 LIFTER EXHAUST, 1EA MS35756-8 KEY, 4EA 654587-.44 BOLT, 1EA 629518-1H PLUG, 4EA 655269 MAG DRIVE CUSHION, 1EA 632762 NUT, 1EA 632652 SPRING OIL PSI, 1EA X1473 GASKET, 1EA 629163-5 CLAMP, 10EA 630979-9 O-RING, 6EA 633958-3 SEAL, 1EA EQ7530 COMPRESSOR BRACKET KIT,

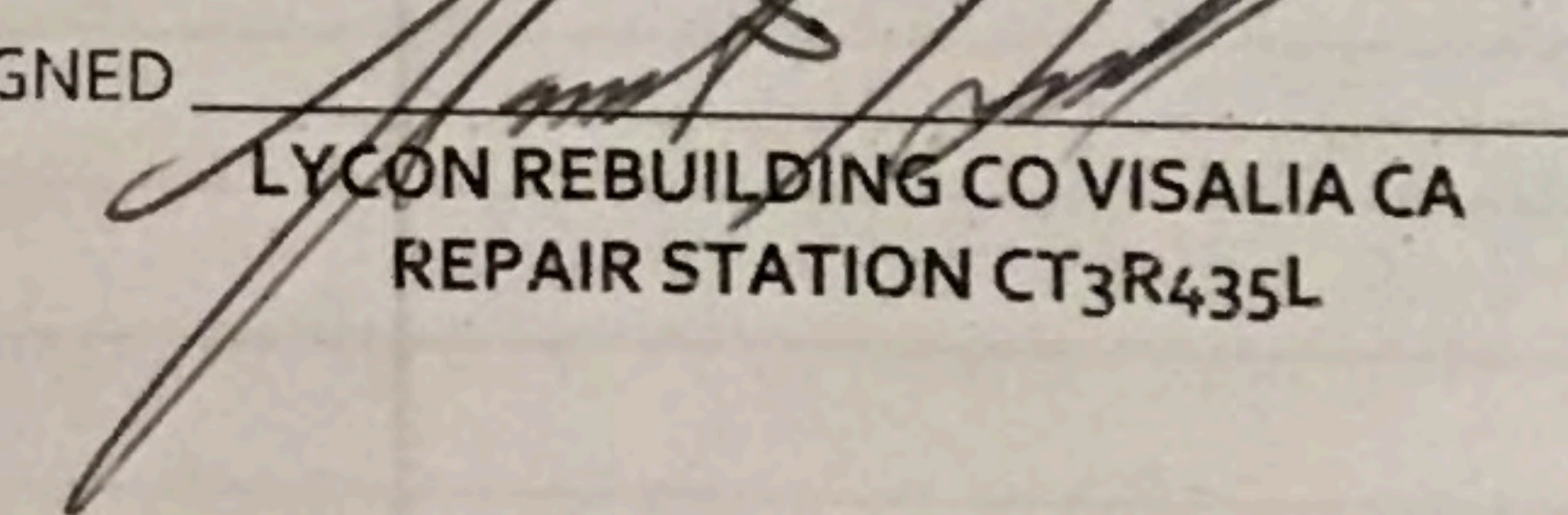
PAGE 1 OF 2  
 LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

6EA 61247 ROCKER COVER, 6EA STD-1821 HOSE, 1EA 633189 PLUG, 1EA 629680M001 COLLAR ASM, 12EA 654490 NUT, 4EA 643626-105 ROLLER, 1EA NAS42DD8-16FC SPACER, 1EA 653470 GASKET, 1EA 632224 BAFFLE, 1EA 649989 GASKET, 6EA 658088 LIFTER INTAKE, 6EA 652129 BUSHING, 1EA 652120 GASKET, 8EA 646448-1 WASHER, 1EA 628178 SEAL, 1EA 649198 SEAL, 2EA 635549 BLADE, 1EA 630979-14 O-RING, 1EA 642644 DIAPHRAGM, 1EA 637244 GASKET, 1EA SA642917-1 HOSE, 12EA M-674 GASKET, 6EA MS27215-2 DESSICANT PLUG, 1EA MS35769-11 GASKET, 1EA CH48108-1 OIL FILTER, 6EA 652130 ROCKER ARM O/H, 1EA 653490 STUD, 11EA 654439-1 HOSE, 6EA 652436-1 CLAMP, 1EA 633189 PLUG. TEST RUN 2.3 HOURS. REFERENCE WO 46911.

PAGE 2 OF 2  
 LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

THIS AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 46911 DATE 1/18/16

SIGNED   
 LYCON REBUILDING CO VISALIA CA  
 REPAIR STATION CT3R435L



CO 80112  
6J

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>FAA CRS NA3R703L PH (775) 972-5540 Reno-Stead Airport 4825 Texas Avenue Reno NV 89506</p> <p><b>AVIATION CLASSICS Ltd</b></p> <p>Date: 2/19/2016; Aircraft: N3871C; Hobbs: 189.10; Work performed on Engine # 1; Engine 1 Type: Continental TSIO-520-WB, S/N: 518565, Time: 2931.80, SMOH: 1537.40 Accomplished an Annual Inspection on this engine in accordance with ACL Form 3, "100/Annual Checklist," which meets FAR 43, Appendix "D." Drained engine oil, removed filter. Installed new CH48108-1 oil filter, serviced engine with 11 qts of Aeroshell 40wt. mineral oil, safetied filter. Operational check OK. Cleaned and re-installed serviceable Donaldson induction air filter pn.P124439, checked induction, exhaust and turbocharger systems. Removed, cleaned, checked, rotated, and reinstalled 12ea. serviceable spark plugs using 12ea. new gaskets pn.M674. Checked magneto timing. Removed and replaced noise filter p/n:S1915-1 on left engine alternator. See aircraft records for AD Compliance List. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. Pertinent details of this Inspection are on file at this repair station under Work Order No. 19372</p> <p>Signed: <u>W. A. Oll</u> Date: Feb. 19, 2016 Insp. <u>DD/9</u> For: Aviation Classics, Ltd. FAA CRS NA3R703L</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19				<p>FAA CRS NA3R703L PH (775) 972-5540 Reno-Stead Airport 4825 Texas Avenue Reno NV 89506</p> <p><b>AVIATION CLASSICS Ltd</b></p> <p>Date: 2/22/2016; Aircraft: N3871C; Hobbs: 189.10; Work performed on Engine # 1; Engine 1 Type: Continental TSIO-520-WB, S/N: 518565 Removed and replaced #2 cylinder fuel injector line p/n:641516 on left engine. Pertinent details of work accomplished on file at this Agency.</p> <p>Signed: <u>W. A. Oll</u> Inspector: <u>DD/9</u> Work Order #19723 For: AVIATION CLASSICS Ltd FAA CRS NA3R703L DD/9</p>



CO 80112  
6J

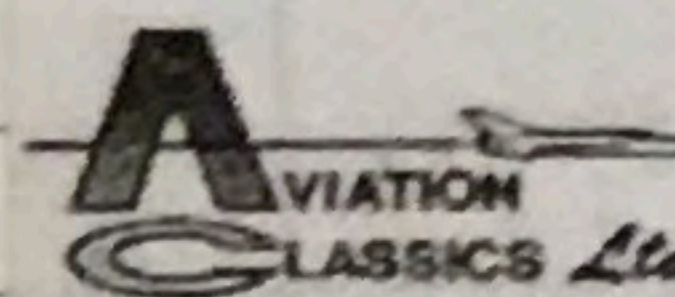
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4-27-16	199.4			DRAINED Mixed oil. Replaced oil and filter, added 11 qts of Philips XC 20-50 and Tempst oil Filter AA 48108-2 return eng. to service Alberto marin ATP 3670711
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5-8-16				
<del>5-8-16</del>	199.4			Removed Engine for repair Alberto marin ATP 3670711

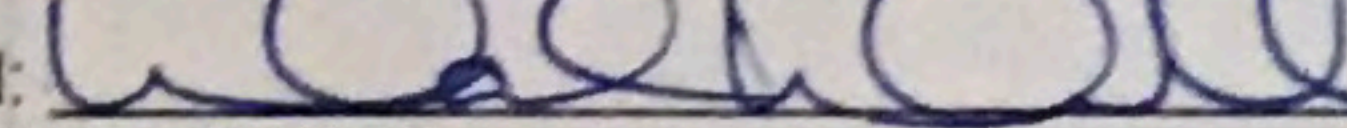
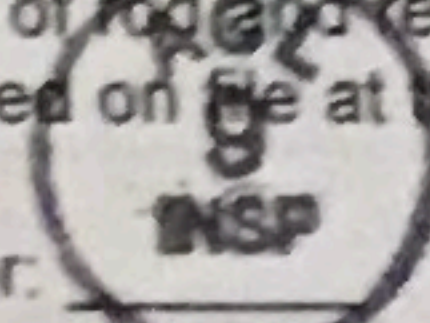
8-10-16	199.4			Installed Repaired Engine. Subced with Philips XC 20-50 Installed propeller with new seal and hardware. ground run engine, no discrepancy noted return eng. and prop to service. Alberto marin
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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FAA CRS NA3R703L PH (775) 972-5540  
Reno-Stead Airport  
4825 Texas Avenue  
Reno NV 89506

Date: 9/21/2016; Aircraft: N3871C; Hobbs: 203.60; Work performed on Engine # 1;  
Engine 1 Type: Continental TSIO-520-WB, S/N: 518565  
Removed left magneto, p/n: 10-349220-5, s/n: LY46911A, from left engine and installed overhauled magneto p/n: 10-349220-5, s/n: LY48337. Removed and replaced #4 cylinder CHT probe p/n: AN5546-1 and JPI CHT probe adaptor p/n: 2855 on left engine. Adjusted idle mixture and idle RPM on left engine. Removed and inspected oil pressure regulator from left engine. Adjusted to three threads showing at end of ~~rod~~ and reinstalled using new gasket p/n: 35769-26. Pertinent details of work accomplished on file at this Agency.

Signed:  Inspector:   
Work Order #20055  
for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L DD/9



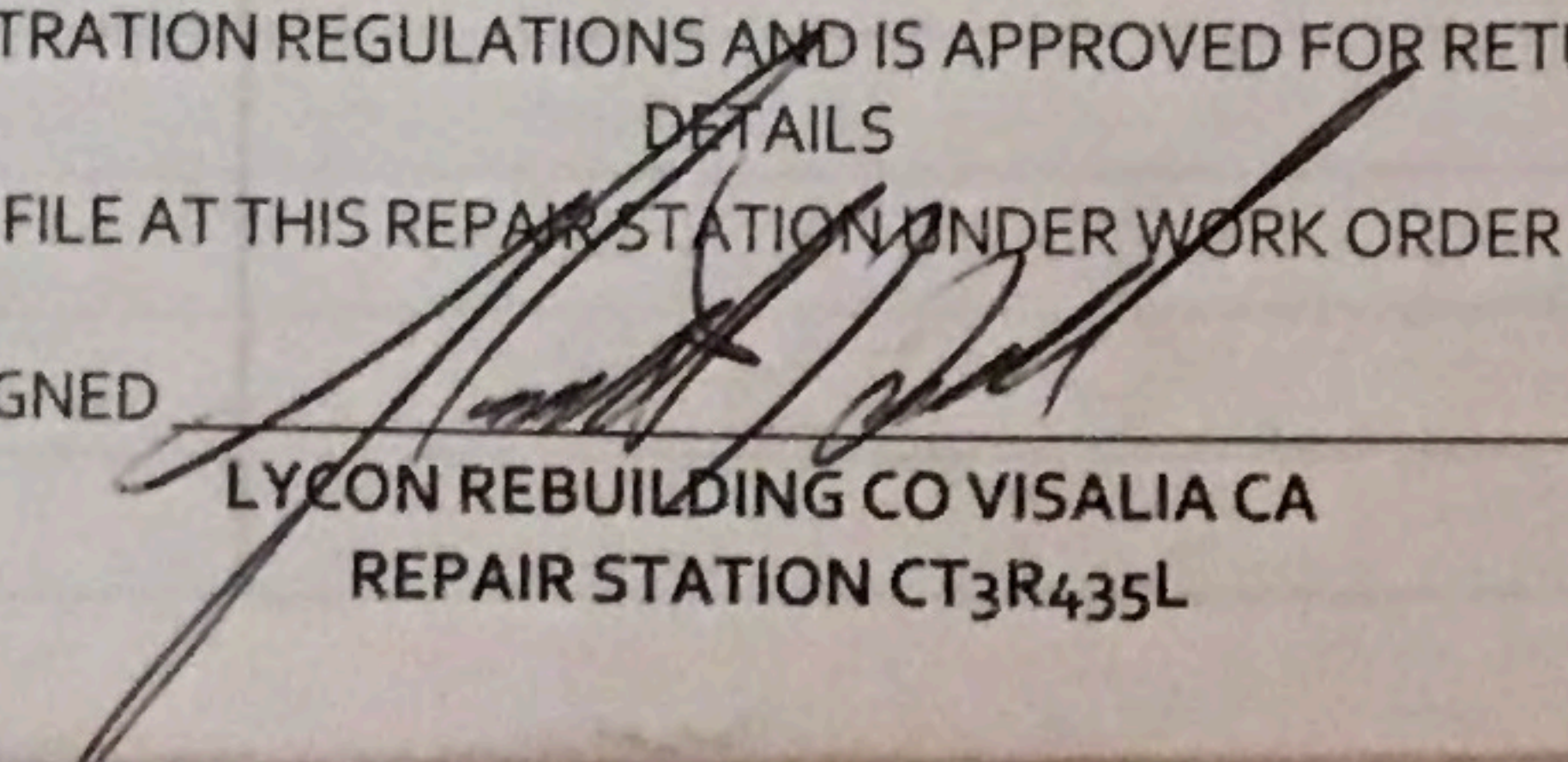
CO 80112  
6J

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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CONTINENTAL TSIO-520-WB S/N 518565 IRAN INSPECTION IAW MANUAL # X30574 WITH THE FOLLOWING PARTS INSTALLED: 1EA CRANKCASE CONTINUE TIME ID # 00173PL, 1EA 649898 CRANKSHAFT O/H S/N 871243, 6EA 655005 CONNECTING ROD ASM CONTINUE TIME, 1EA SA649520 CAMSHAFT ASM CONTINUE TIME S/N 522016, 6EA SA52006-A1 CYLINDER ASM INSPECTED, 1EA 643397-1A1 FUEL MANIFOLD CONTINUE TIME S/N A128132C, 1EA 640643-7 FUEL PUMP CONTINUE TIME S/N E298115B, 1EA 10-349220-5 MAGNETO CONTINUE TIME S/N LY46911A, 1EA 10-349260-6 MAGNET CONTINUE TIME S/N LY46911B, 1EA 1E1775 OIL COOLER CONTINUE TIME S/N 181, 1EA 642087-1A5R STARTER ADAPTER CONTINUE TIME, 1EA 629680 COLLAR ASM, 16EA 629104 RET RING, 1EA 641250 SEAL, 2EA 641909 PLATE, 1EA 646550A1 GASKET SET, 12EA 654490 NUT, 1EA MS35756-8 KEY, 4EA 630979-9 O-RING, 1EA 653470 GASKET, 2EA 649961 GASKET, 2EA 649989 GASKET, 6EA MS27215-2 DESSICANT PLUG, 1EA CH48108-1 OIL FILTER, 2EA AN123862 O-RING. TEST RUN 1.1 HOURS. REFERENCE WO 49050.

PAGE 1 OF 2  
LY-CON REBUILDING CO. 8231 W DOE AVE VISALIA CA 93291 (559) 651-1070

THIS AIRCRAFT ENGINE IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER 49050 DATE 7/5/16

SIGNED   
LYCON REBUILDING CO VISALIA CA  
REPAIR STATION CT3R435L


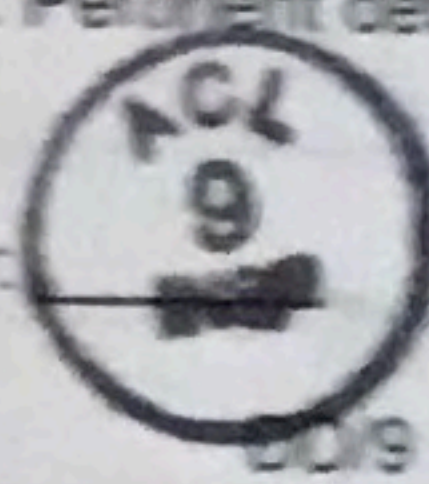
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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2-18-17 210.6 2953.3 SH0A 1558.9 11.2 HRS since last  
Repair dated 7-5-16  
Changed oil and filter added 11 qts of XC 20-50 philips  
oil and Tempst oil filter AA 48108-2  
Comp. check OK CYL. #1 74/80 #2 74/80 #3 74/80 #4 74/80  
#5 74/80 #6 74/80, Inspected Engine Installation, condition  
and Security, no discrepancy noted.  
I certify this Engine was inspected in accordance with a 100 Hrs  
inspection and was determined to be in  
airworthy condition.  
Alberto Marin AP3670711 IA  
Alberto marin



CO 80112  
65J

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-1-18	235.5 <i>HOBBS</i>		2978.2	SMOH 1583.6 STOH 36.1 Changed oil and filter, added 11 qts of Philips XC 20-50 and AA 48108-2 Tempest oil filter. compression check OK cyl. # ① 78/80 ② 78/80 ③ 76/80 ④ 76/80 ⑤ 76/80 ⑥ 74/80, cleaned spark plugs, checked magneto timing cleaned Eng compartment, inspected installation, condition and security, see A/C records for AD compliance list.
I certify that this <u>Engine</u> has been				
inspected in accordance with a <u>100 Hrs</u>				
inspection and was determined to be in				
airworthy condition.				
Alberto Marin AP 3670711				
<i>Alberto marin</i>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				 <p>FAA CRS NA3R703L PH: (775) 672-5540 Reno-Stead Airport 4825 Texas Avenue Reno NV 89505</p> <p>Date: 3/28/2018; Aircraft: N3871C; Type: BEECHCRAFT; S/N: TJ-359 Removed and replaced left engine #6 CHT probe p/n:2852. Pertinent details of work accomplished on file at this Agency.</p> <p>Signed: <i>[Signature]</i> Inspector:  Work Order #20965 for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L</p>
4-18-19	<i>HOBBS</i>		263.0	J-T-Eng. 3,005.7 SMOH 1611.1 Changed oil and filter, added 10 qts of Philips 20-50 and CHampion filter CH 48108-1, Comp. check OK. Cyl. # ① 79/80 ② 76/80 ③ 76/80 ④ 78/80 ⑤ 76/80 ⑥ 78/80, check magneto timing Eng. Eng. Installation, condition and security.
I certify that this <u>Engine</u> has been				
inspected in accordance with a <u>100 Hrs</u>				
inspection and was determined to be in				
airworthy condition.				
Alberto Marin AP 3670711				
<i>Alberto marin</i>				



DATE 19__	RECORDING TACH TIME <i>HOBBS</i>	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3-1-18	235.5		2978.2	SMOH-1583.6 STOH 36.1 Changed oil and filter, added 11 qts OF Philips XC 20-50 and AA 48108-2 Tempest oil Filter. compression check OK cyl. # ① 78/80 ② 78/80 ③ 76/80 ④ 76/80 ⑤ 76/80 ⑥ 74/80, cleaned spark plugs, checked magnito timing cleaned Eng compartment, Inspected Installation, condition and security, see A/C records for AD compliance list.
				I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HRS</u> inspection and was determined to be in airworthy condition. Alberto Marin AP 3670711 <i>Alberto marin</i>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description Entries must be Technician or P
4-18-19	<i>HOBBS</i>		263.0	J-T-Eng. 3, 0 Changed oil and filter, added 10 Champion Filter CH 48108-1, Com 76/80 ② 76/80 ④ 78/80 ⑤ 76/80 ⑥ 78/80 Insp. Eng. Installation, condition and
				I certify that this <u>Engine</u> inspected in accordance with a inspection and was determined airworthy condition. <i>Alberto Marin AA</i>



Date: 3/28/2018; Air  
Removed and replac  
accomplished on file

Signed: *[Signature]*  
Work Order #20965  
for AVIATION CLAS





5212 Cessna Drive, Loveland, CO 80538 (303) 669-6185

L-H

LIST OF ADS COMPLIED WITH AT ENGINE OVERHAUL

DATE: 3-31-94 HOBBS: 721.6 ENGINE S/N: 518565  
 ENGINE TOTAL TIME: 1394.4 SMOH: 000.0  
 CONTINENTAL TSIO-520-WB BEECHCRAFT 58P N3871C  
 ELITE SERIES ENGINE LEFT INSTALLATION

AD #	ITEM AFFECTED	METHOD OF COMPLIANCE	ONE TIME	NEXT INSP. DUE
75-09-13	Turbo Inlet Cracks	N/A by model		
77-05-04	Crankshaft Failure	N/A by model		
77-13-22	Crankcase	N/A by model & Table 1		
78-06-01	Intake Tube	N/A by model		
79-05-09	Oil Press. Relief	N/A by model and kit design		
80-01-04	✓ Cylinder Assy.	N/A by equipment		
80-22-05	Oil Seal Retainer	N/A by model		
81-24-06	✓ Fuel Pump Torque	N/A by S/N & C/W para (a) @ oh		
82-09-01	Fuel Press. Reg.	N/A by model		
84-19-04	Fuel Pump	N/A by model		
84-25-05	Turbo Scav. Res.	N/A by model		
86-08-07	Fuel Pump	N/A by model		
86-13-04	R3 Cylinder Assy.	N/A to new cylinders inst @ oh		
87-14-02	✓ Starter Adpt.	C/W TCM SB#M87-13		
87-23-08	Crank Ultrasonic	N/A by TCM SB#M87-5		
87-26-08	✓ Crank, Pstn. & Pin	N/A by model		
88-03-06	✓ TCM Oil Filter	N/A by equip		
88-17-03	✓ Starter Adpt.	C/W by TCM SB#M88-5/6		
89-14-01	Crank, Pstn. & Pin	N/A by model		
89-24-01	Scavenge Pump	C/W by TCM SB#M90-6		
89-24-03	Exhaust Trans.	N/A by model		
91-19-03	✓ Champion oil filter	N/A to installed filter		
93-10-02	✓ Valve Keys	N/A by field overhaul		
93-08-17	✓ Pick-Up Tube	N/A by M91-10		
93-16-15	✓ Fuel Pump Drive	C/W by para (2)		
94-01-03	✓ Magneto Coil/Rotor	N/A by magneto S/N		
94-06-09	✓ Magneto Capacitors	N/A by magneto S/N		

FIREWALL FORWARD, INC.  
 5212 CESSNA DR.  
 LOVELAND, CO. 80538  
 303-669-6185

266974  
 SERVICE BULLETINS  
 AD'S  
 O/H MANUAL #

CUSTOMER: J.L. Herz  
 OVERHAUL  
 REPAIR  
 MAINTENANCE

COMPONENT: Starter

P/N: 642087A8  
 Assemble: DWS  
 Test: EK  
 MFG: TCV

PART # & NAME	P.O.#	QUANTITY
641368		1
5539800		1
656220		1
MS35756-2		1

Key

BEARING  
 SPRING  
 SPRING

OF OKLAHOMA  
 FAA APPROVED REPAIR STATION  
 CRS # RV33  
 2740 N. SHERIDAN -  
 800-255-9924 - PH. 918-835-

Cessna