

RIGHT

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N807TH

Engine Manufacturer CONTINENTAL

Model 10-520CB7B

Serial No. 298952-12

Date installed on aircraft 1-16-98

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☒ Right
☐ Front

☐ Left
☐ Rear



AEROTECH PUBLICATIONS INC.
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(516) 765-9375
1-800-235-6444
FAX: (516) 765-9359

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
11-06-99			0055.2	
				HANGAR ONE INC. 635 REGIONAL AIRPORT RD. CARROLLTON, GA. 30117 (770)-834-0061 Hobbs- 0055.2 hr.
				N-807TH R.H. engine.
				Removed Bendix magneto P/N 10-349350-4, S/N IO39734FR from the L.H. position and installed new rebuilt Bendix magneto S6RN-1225, P/N BL-349350-4, S/N F159936FR. Perform OPS check by engine run-up and check for oil leaks, no oil leaks noted at this time. All work performed in accordance with the Beechcraft maintenance service manual P/N 55-590000-13E.
				Mirosław Jędrzejczak AP 153568168A <i>Mirosław Jędrzejczak</i> 11-06-99
				HANGAR ONE, INC. 635 Regional Airport Rd. Carrollton, GA 30117 770-834-0061
				N-807 TH RH ENGINE ENTRY
				Jan. 05, 2000 Hobbs-0057.1 Hr. T.T.I.S.-0098.3 Hr.
				Performed Engine inspection in accordance with the Beechcraft Baron 58 maintenance manual checklist. 1. Oil lab sample taken. 2. Engine compression test: #1-69/80, #2-70/80, #3-70/80, #4-75/80, #5-69/80, #6-69/80 3. Washed engine, performed run-up, check for leaks, no leaks at this time. 4. Drain oil, removed, installed new CH48109 and serviced engine with 15W-50 AEROSHELL oil. Oil filter opened and inspected, no contamination found. 5. Check AD.'s summary and Bi-weekly thru revision 2000-1M; see AD's section of this Adlog system.
				I certify that this Engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition.
				Mirosław W. Jędrzejczak A&P 153568168A <i>Mirosław Jędrzejczak</i>

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
	286.4	286.4	245.2	TOTALS brought forward from previous page
1-5-2001				Annual Inspection Removed Plugs Cleaned + Gapped. Replaced #6 Top Plug. Checked Compression. #1-73 #2-66 #3-72 #4-73 #5-70 #6-76 Checked Mag Timing Drained oil & changed Filter. INSTALLED 11 qts A/S 15W50 oil & CH48109 Filter. Cat Filter open AND Found Clean. checked Int. & Exh. Checked Controls. Cleaned Injectors. RAN Engine AND checked for leaks AND proper operation. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND IN AIRWORTHY CONDITION E. Nelson Timmins 540561618FA
5-15-01	339.30	339.30	298.7	changed Oil + Filter. Used CH48109 Filter and 15W50 12qts Pennzoil. Run engine, checked for leaks all ok. <i>[Signature]</i> 555827590
7-17-01	379.2	379.2	338.0	CHANGED OIL + FILTER, FILTER INSP - FOUND OK. SERVICED w/ SHELL 15-WSD. INSTALLED NEW VACUUM PUMP PN 242CW SN 54AU26 RAN ENG DRAINED OIL <i>[Signature]</i> D. McHugh CORPORATE AIR TECHNOLOGY 1250 AVIATION AVE. STE. 125 SAN JOSE, CA 95110 FAA CRS AU3R384L
10-4-01	429.1	429.1	387.9	CHANGED OIL + FILTER. SERVICED WITH SHELL 15-WSD. <i>[Signature]</i> D. McHugh CORPORATE AIR TECHNOLOGY 1250 AVIATION AVE. STE. 125 SAN JOSE, CA 95110 FAA CRS AU3R384L
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
2-22-2002	464.3	464.3	423.1	Annual Inspection. Removed Plugs. Checked Compression. #1-11 #2-70 #3-70 #4-73 #5-68 #6-70 Replaced All Plugs with RHB32E Plugs. Drained oil AND Sampled. Cut Filter. No Metal Found. Filled with 11 qts. A/S 15W50 oil & Installed CH48109 Filter. Checked Map Timing Removed ALT & Checked Bearings. Reinstalled with New Gasket. Checked Controls, Exh & Int. Replaced Valve Cover Gaskets on #2 & #4 cgl. Washed Engine. RAN Engine AND Checked For Leaks AND Proper operation. I Certify This Engine has been inspected in Accordance with An Annual Inspection AND WAS Found in Airworthy Condition Eblon Humins 540561618 EA
6/29/02	519.0	519.0	477.8	Drained oil & changed Filter Cut Filter AND Inspected Found No Metal Filled with 11 qts A/S 15W50 oil & Installed A CH48109 Filter. RAN Engine AND checked For Leaks Eblon Humins 540561618 AEP
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Redmond Air

JAMES L. SHOPTAW AP544746249

				JAMES L. SHOT TANK
1/4/03			592.4	Changed oil with Amosshell 15/80w. Replaced with costs old oil filter replaced - open end - all ok. New filter, checked for leaks - all ok.
				1/4/03 Ben Thomas
2-22-03	646.9	646.9	605.7	Replaced ALTERNATOR P/N ALT9522R S/N C040201 Replaced Drive Gear P/N 646655-A1 O/W AD96-12-07 Impulse Coupler Inspection POR MSP 645. Left MAG X VALUE .048 + .052 Right MAG X VALUE .040 + .045 Eaton/Turbo 540561618 A+P.
5/30/03			644.5	Changed engine oil + filter. Used cost 15/80w Amosshell oil. Cut open filter - no metal found. Ran engine w/o leaks all ok. Ben Thomas
				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
	646.9	646.9	605.7	TOTALS brought forward from previous page
3-1-03				Annual Inspection. Removed Plugs. Cleaned & Gapped. Checked Compression. #1-72 #2-66 #3-66 #4-70 #5-71 #6-64 cut out Filter. No Metal Found. Checked Mag Timing. Cleaned Injectors. Checked All Controls, Exhaust & Intakes. Checked ADs. See AD Compliance Report in A/C Records. Ran Engine & checked for leaks and Proper operation.
				I certify This Engine has been Inspected in Accordance with an Annual Inspection and was found in Airworthy Condition.
				Edison Hummel 54056181A
RIGHT ENGINE LOG BOOK ENTRY 07/28/03 N807TH Beech 58 S/N TH807 Hobbs: 695.6 Replace #1 CHT probe with JPI P/N 5050T. WITH RESPECT TO THE WORK PERFORMED, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. END WORK ORDER # 5795 <i>Joseph C. Fritzen</i> Joseph C. Fritzen #316 741081 AP For Service Aviation 1120 S. Milwaukee Ave. Hangar One, Pal-Waukee Airport Wheeling, Illinois 60090-6392				
8/6/03			706.5	Changed engine oil & filter. Replaced with Aeroshell 15/50W. Cut open filter no metal fragments found. Ran engine - all ok.
				Don Thomas
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME ON CHIEF ENGINE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Hobbs	TOTALS brought forward from previous page
3/5/04			756.7	Changed engine oil with 15-50w Aeroshell. Added ten quarts, ran engine checked for leaks all ok. Cut open filter no metal fragments. All ok. <i>Deini Thomas</i>
4/8-04	811.9	811.9	769.9	ANNUAL INSPECTION. Removed Plugs. cleaned & gapped. Checked Compression #1-64 #2-51 #3-60 #4-68 #5-68 #6-65 cleaned & inspected Injectors. Checked Mags, Exhaust, Intakes AND Controls. Checked AD's See AD Compliance Report in A/C Records. Ran Engine AND checked FOR LEAKS AND Proper OPERATIONS. Adjusted IDLE Speed.
				I certify This Engine has been Inspected in Accordance with AN ANNUAL Inspection AND WAS Found in Airworthy Condition.
				<i>Eblon Thomas 540561618 IA</i>
7/20/04			813.3	Changed Oil. Filled with ten quarts Aeroshell 15-50w. Cut open oil filter - no metal fragments. Ran engine no leaks all ok. Sent out oil sample for testing. <i>Deini Thomas, Owner</i>
12/5/04			869.0	Changed Oil. Filled with ten quarts Aeroshell 15-50w. Cut open oil filter - no metal fragments. Ran engine no leaks. <i>Deini Thomas, Owner</i>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

SUB-TOTALS this page

TOTALS—Carry forward to next page

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. ON THE BACK OF THE WARRANTY
5-2-05	957.3	957.3	915.3	Annual Inspection. Engine was removed for overhaul due to low compression and pitting on cam followers and cam. <i>Eblon Yumino</i> 54056168 AWP
TOTALS brought forward from previous page				

PREMIER AIRCRAFT
 1000 NW Perimeter Way, Troutdale, Oregon 97060
 Phone 503-661-4184 Fax 503-667-4052

LIMITED WARRANTY - OVERHAULED ENGINE

Six-Month Limited Warranty:

Premier Aircraft warrants this engine to be free from defect in material and workmanship under normal use for a period of six (6) months, for an unlimited number of hours, commencing from the date of installation or 30 days after shipment, whichever is earlier. Premier Aircraft will repair or replace, at its option, any material or workmanship found to be defective within the applicable period set forth above. The repair or replacement of defective parts and workmanship under this warranty will be made by Premier Aircraft without charge to the owner for parts, labor or materials used in the removal, installation and/or actual repair of such defective part or workmanship, except that import duties, sales or use taxes, and freight shall be the responsibility of the purchaser.

The obligations of Premier Aircraft under this warranty is limited to the repair or replacement of defective materials and workmanship for the time period set forth herein. Aftermarket projects, which require a Supplemental Type Certificate (STC) for installation, which may be installed or reinstalled at the customer's request, are not covered by this or any other warranty, express or implied, and all damages and losses arising out of such products are the sole responsibility of the purchaser, including any damage to the engine, aircraft, STC product, persons or property.

Extended Limited Warranty:

Premier Aircraft additionally warrants the engine power section, consisting of crankcase and crankshaft assembly, camshaft, and the cylinder stud assemblies, excluding any and all accessories, on a prorated basis from the expiration of the six (6) months warranty set forth above to the manufacturer's recommended time between overhauls (TBO) of the engine. The proration for this extended limited warranty shall be based upon a usage of 40 hours per month, or actual use, whichever is greater. This extended limited warranty does not include labor charges for removal, installation or repair, or charges for additional materials, import duties, sales or use taxes, and freight, all of which shall be the responsibility of the purchaser. Charges for parts under this extended limited warranty shall be made at the manufacturer's list price in effect at the time the repair is made, and shall be prorated as set forth herein. All other charges for repairs under this extended limited warranty shall be made at the list price in effect at the time of the repair, and shall be prorated as set forth herein.

Six-Month and Extended Warranty Limitations:

Warranty service under the limited warranty and extended limited warranty may be accomplished at facilities other than Premier Aircraft but only after prior written approval from Premier Aircraft provided that all work shall be performed at prevailing rates and that Premier Aircraft shall have the option to furnish all parts, materials and accessories.

This limited warranty and extended limited warranty (Warranty) shall be void if the engine or its accessories have been, in the judgment of Premier Aircraft, altered or repaired outside the Premier Aircraft facility without prior written approval, or have been operated contrary to the manufacturer's operating instructions, or subjected to misuse, neglect, accident or use of any fuel not approved by the engine manufacturer after installation or shipment by Premier Aircraft. In such event, Premier Aircraft shall be relieved of any and all liability and purchaser shall be solely responsible for any and all claims, whether arising out of damages caused by such wrongful use or not.

THE WARRANTY PROVIDED HEREIN SHALL BE IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION EXPRESSLY SET FORTH IN THIS DOCUMENT.

Any implied warranty not disclaimable hereunder shall extend for 30 consecutive days after installation or shipment by Premier Aircraft. Some states do not allow limitations on the length of time an implied warranty is valid, so the above limitation may not apply to you.

Premier Aircraft's liability under this limited Warranty and extended limited warranty is expressly limited to repair or replacement, at the option of Premier Aircraft of any defective material or workmanship and shall not extend to the payment of any damages. In the event of a breach of this Warranty by Premier Aircraft, the purchaser shall not be entitled to damages for loss of use, lost profits, or other incidental or consequential damages. Premier Aircraft shall not be held liable for loss of, or damage to the customer's aircraft caused by breach of Premier Aircraft.

Purchaser's remedies under this warranty are expressly conditioned upon receipt of written notice, sent by the purchaser, specifying the breach or defect complained of within seven (7) days after such breach or defect is discovered, or reasonably should be discovered to Premier Aircraft at the address set forth below, and upon customer's delivery of its aircraft, or any necessary accessory thereto or part thereof to Premier Aircraft for correction of such breach within 30 days after the receipt of such written notice. The written notice shall be addressed to: Premier Aircraft, 1000 NW Perimeter Way, Troutdale, Oregon 97060.

Warranty repair or replacement of any part, or performance of any service shall not extend this warranty beyond the original warranty time or hour limitation.

THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER AND ANY OTHER PERSON, AGAINST PREMIER AIRCRAFT SHALL BE FOR THE REPAIR OR REPLACEMENT, AT PREMIER AIRCRAFT'S OPTION, OF DEFECTIVE MATERIALS AND WORKMANSHIP AS PROVIDED HEREIN. NO OTHER REMEDY, DIRECT OR INDIRECT, INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST SALES, INJURIES TO PERSONS OR PROPERTY, LIABILITY IN TORT OR ANY OTHER DAMAGES SHALL BE AVAILABLE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the previous limitation or exclusion may not apply to you.

The sole purpose of this limited warranty is to provide the customer with the remedy of repair or replacement, at Premier Aircraft's option, of defective parts or materials in the manner provided herein. This limited warranty shall not fail of its essential purpose so long as Premier Aircraft or its successor or designee is willing and able to repair or replace defective parts, materials or workmanship in the described manner.

Should this warranty fail of its essential purpose, the customer shall not be entitled, directly or indirectly, to incidental or consequential damages.

Any action arising out of this warranty, or any purported defect in material or workmanship shall be brought in the Circuit or District Court for the State of Oregon in Multnomah County, and the internal laws of Oregon shall govern.

1000 NW Perimeter Way, Troutdale, Oregon 97060
Phone 503-661-4184 Fax 503-667-4052

LIMITED WARRANTY - OVERHAULED ENGINE

Six-Month Limited Warranty:

Premier Aircraft warrants this engine to be free from defect in material and workmanship under normal use for a period of six (6) months, for an unlimited number of hours, commencing from the date of installation or 30 days after shipment, whichever is earlier. Premier Aircraft will repair or replace, at its option, any material or workmanship found to be defective within the applicable period set forth above. The repair or replacement of defective parts and workmanship under this warranty will be made by Premier Aircraft without charge to the owner for parts, labor or materials used in the removal, installation and/or actual repair of such defective part or workmanship, except that import duties, sales or use taxes, and freight shall be the responsibility of the purchaser.

The obligations of Premier Aircraft under this warranty is limited to the repair or replacement of defective materials and workmanship for the time period set forth herein. Aftermarket projects, which require a Supplemental Type Certificate (STC) for installation, which may be installed or reinstalled at the customer's request, are not covered by this or any other warranty, express or implied, and all damages and losses arising out of such products are the sole responsibility of the purchaser, including any damage to the engine, aircraft, STC product, persons or property.

Extended Limited Warranty:

Premier Aircraft additionally warrants the engine power section, consisting of crankcase and crankshaft assembly, camshaft, and the cylinder stud assemblies, excluding any and all accessories, on a prorated basis from the expiration of the six (6) months warranty set forth above to the manufacturer's recommended time between overhauls (TBO) of the engine. The proration for this extended limited warranty shall be based upon a usage of 40 hours per month, or actual use, whichever is greater. This extended limited warranty does not include labor charges for removal, installation or repair, or charges for additional materials, import duties, sales or use taxes, and freight, all of which shall be the responsibility of the purchaser. Charges for parts under this extended limited warranty shall be made at the manufacturer's list price in effect at the time the repair is made, and shall be prorated as set forth herein. All other charges for repairs under this extended limited warranty shall be made at the list price in effect at the time of the repair, and shall be prorated as set forth herein.

Six-Month and Extended Warranty Limitations:

Warranty service under the limited warranty and extended limited warranty may be accomplished at facilities other than Premier Aircraft but only after prior written approval from Premier Aircraft provided that all work shall be performed at prevailing rates and that Premier Aircraft shall have the option to furnish all parts, materials and accessories.

This limited warranty and extended limited warranty (Warranty) shall be void if the engine or its accessories have been, in the judgment of Premier Aircraft, altered or repaired outside the Premier Aircraft facility without prior written approval, or have been operated contrary to the manufacturer's operating instructions, or subjected to misuse, neglect, accident or use of any fuel not approved by the engine manufacturer after installation or shipment by Premier Aircraft. In such event, Premier Aircraft shall be relieved of any and all liability and purchaser shall be solely responsible for any and all claims, whether arising out of damages caused by such wrongful use or not.

THE WARRANTY PROVIDED HEREIN SHALL BE IN LIEU OF ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION EXPRESSLY SET FORTH IN THIS DOCUMENT.

Any implied warranty not disclaimable hereunder shall extend for 30 consecutive days after installation or shipment by Premier Aircraft. Some states do not allow limitations on the length of time an implied warranty is valid, so the above limitation may not apply to you.

Premier Aircraft's liability under this limited Warranty and extended limited warranty is expressly limited to repair or replacement, at the option of Premier Aircraft of any defective material or workmanship and shall not extend to the payment of any damages. In the event of a breach of this Warranty by Premier Aircraft, the purchaser shall not be entitled to damages for loss of use, lost profits, or other incidental or consequential damages. Premier Aircraft shall not be held liable for loss of, or damage to the customer's aircraft caused by breach of Premier Aircraft.

Purchaser's remedies under this warranty are expressly conditioned upon receipt of written notice, sent by the purchaser, specifying the breach or defect complained of within seven (7) days after such breach or defect is discovered, or reasonably should be discovered to Premier Aircraft at the address set forth below, and upon customer's delivery of its aircraft, or any necessary accessory thereto or part thereof to Premier Aircraft for correction of such breach within 30 days after the receipt of such written notice. The written notice shall be addressed to: Premier Aircraft, 1000 NW Perimeter Way, Troutdale, Oregon 97060.

Warranty repair or replacement of any part, or performance of any service shall not extend this warranty beyond the original warranty time or hour limitation.

THE SOLE AND EXCLUSIVE REMEDY OF PURCHASER AND ANY OTHER PERSON, AGAINST PREMIER AIRCRAFT SHALL BE FOR THE REPAIR OR REPLACEMENT, AT PREMIER AIRCRAFT'S OPTION, OF DEFECTIVE MATERIALS AND WORKMANSHIP AS PROVIDED HEREIN. NO OTHER REMEDY, DIRECT OR INDIRECT, INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST SALES, INJURIES TO PERSONS OR PROPERTY, LIABILITY IN TORT OR ANY OTHER DAMAGES SHALL BE AVAILABLE.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the previous limitation or exclusion may not apply to you.

The sole purpose of this limited warranty is to provide the customer with the remedy of repair or replacement, at Premier Aircraft's option, of defective parts or materials in the manner provided herein. This limited warranty shall not fail of its essential purpose so long as Premier Aircraft or its successor or designee is willing and able to repair or replace defective parts, materials or workmanship in the described manner.

Should this warranty fail of its essential purpose, the customer shall not be entitled, directly or indirectly, to incidental or consequential damages.

Any action arising out of this warranty, or any purported defect in material or workmanship shall be brought in the Circuit or District Court for the State of Oregon in Multnomah County, and the internal laws of Oregon shall govern.

Premier Aircraft, 1000 NW Perimeter Way, Troutdale, OR 97060-9524 503-661-4184

Manufacturer Continental
 Model Number IO-520-CB (7B)
 Serial Number 298952-R

Total Time 957.3
 TSMO 0.0

Date 06/29/2006
 WO Number 09398

This engine was overhauled in accordance with Continental Manual X30039A. Installed new Continental complete cylinder assemblies. Installed a new Continental camshaft and hydraulic lifters. Installed a new Slick harness. Installed new Champion spark plugs. See following list of parts installed. Engine was run on a test stand. Installed a new oil filter.

The fuel injection system **MUST** be adjusted in accordance with the latest engine and airframe manufacturers instructions when this engine is installed in the aircraft.

Accessories

Description	Model Number	Part Number	Serial Number	Condition
Left magneto	S6RN-1225	BL349350-4	F05DA047R	0.0 hours since factory rebuilt.
Right magneto	S6RN-1225	BL349350-5	F05DA123R	0.0 hours since factory rebuilt.
Throttle body	-	653377A3	A05DA150R	0.0 hours since factory rebuilt.
Fuel pump	-	646212-38A3	B05DA167R	0.0 hours since factory rebuilt.
Manifold valve	-	631427-2A22	C05DA153R	0.0 hours since factory rebuilt.
Starter	-	646275	A10249715	0.0 hours since overhaul.
Starter adapter	-	642083A12	-	0.0 hours since overhaul.

Service Information

Service Bulletin	Subject	Compliance
M91-9	Start up lubrication	Lubricated the camshaft and lifters with Molykote G-n.
M92-6	Rocker shafts	Installed solid rocker shafts. Torqued bolts 90-100 inch pounds.
M92-9	Thru bolt torque	Installed 12pt nuts. Torqued 790-810 inch pounds.
M93-8	Roto coil clearance	Rocker arm to rotocoil clearance exceeds .020".
SIL94-10	Intake valve retainers	The intake valves have solid valve retainers.
SB96-3B	Bolt inspection	Inspected the crankshaft bolts.
SB96-7C	Torque limits	Used the correct torque limits.
SID97-4C	Piston and rings specs.	Correctly fit the pistons and rings.
SB98-3A	Valve springs	New style valve springs are installed.
SB00-3	Crank, ctw's & rods	Inspected the crankshaft, counterweights and connecting rods.
MSB00-5D	Crankshaft inspection	N/A by the crankshaft serial number.
CSB02-8	Capacitor	N/A per SB664. A red insulator is installed.

Airworthiness Directives**Engine**

AD Note	Amend #	Dated	R	Subject	Compliance
79-05-09	39-3426	03/12/1979	N	Oil pressure relief valve	N/A by relief valve part number.
80-01-04	39-3647	01/25/1980	N	Rebarreled cylinders	N/A. Installed new TCM cylinders.
86-13-04	39-5850	02/24/1988	Y	Cylinders	N/A by cylinder part number.
88-03-06	39-5888	04/15/1988	N	TCM oil filter	AD Note requires no further inspection. N/A. A TCM oil filter was not installed at this time.
91-19-03	39-8030	09/29/1991	N	Champion oil filter	N/A by the date code of the oil filter installed at this time.
93-10-02	39-8603	08/12/1993	N	Valve retainers	N/A by cylinder part number.
93-16-15	39-8743	12/14/1993	N	Fuel pump drive	A new drive shaft, part number 653359 was installed.
95-03-14	39-9150	03/13/1995	Y	Engine mounts	Mounts had been previously replaced per paragraph (b). No further action is required by this AD.
97-26-17	39-10260	01/23/1998	Y	Crankshaft inspection	The VAR crankshaft was ultrasound inspected in accordance with MSB96-10 by personnel with current TCM training. Re-inspection is required every time the crankshaft is removed from the engine.
98-01-08	LETTER	01/15/1998	N	Roller rocker arm	N/A. Roller rocker arms are not installed.
98-17-11	39-10713	10/19/1998	N	Nelson crankshafts	N/A. Nelson did not repair this crankshaft.
99-19-01	39-11290	09/30/1999	N	Crankshaft inspection	N/A by crankshaft serial number and date of last factory work.
2000-23-21	39-11994	12/12/2000	N	Crankshaft inspection	The crankshaft in this engine is not affected by engine or crankshaft serial number per Service Bulletin MSB00-5D.

Continued on the next page.

--	--	--

TOTALS—Carry forward to next page

Continued from the previous page.

Airworthiness Directives

Engine

AD Note	Amend #	Dated	R	Subject
2004-08-10	39-13579	05/05/2004	N	ECI Cylinders

Compliance

N/A by cylinder manufacturer.

Fuel Injection

81-24-06	39-4260	11/23/1991	Y	Fuel pump leakage
----------	---------	------------	---	-------------------

Installed a factory rebuilt fuel pump.

AD Note requires no further inspection.

Magneto

74-26-09	39-2050	12/24/1974	N	Solid steel drive
82-13-01	39-4405	06/28/1982	Y	Green blocks

Solid steel drive bushings were installed.

N/A. Green blocks are not installed.

AD Note does not require any further inspection.

82-20-01	39-4658	06/14/1983	N	Impulse coupling
94-01-03	39-9271	06/28/1995	N	Coil and rotating
94-06-09	39-8895	05/20/1994	N	Capacitors
96-12-07	39-9649	07/18/1996	Y	Impulse coupling

Installed a factory rebuilt magneto.

N/A by magneto serial numbers.

N/A by date of factory rebuild.

Installed a factory rebuilt magneto with a snap ring style impulse coupling.

Inspection is required every 500 hours time in service.

Next inspection is due at ETT 1457.3.

The article identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service in respect to the work that was accomplished. Pertinent details of the repair are on file at this Repair Station under Work Order Number 09398.

Date: 06/29/2005

Signed

James A. Gardner

Inspector for Premier Aircraft RS JZYR537L.

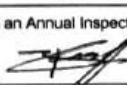
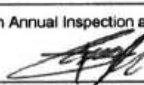
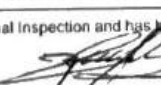
List of Parts Installed for Work Order No.: 09398

Qty	Part Number	Description	Qty	Part Number	Description
6.0	21007	Stud	24.0	653188	Rocker Washer
8.0	350998	Crankshaft Bushing	10.0	654439-1	Intake Hose
1.0	501867	Lock Tab	12.0	654490	Rod Nut
1.0	530346	Bolt	4.0	654587-.44	Bolt
6.0	530658	Rod Bushing	4.0	655269	Rubber Magneto Drive Bushing
1.0	534685	Bearing	1.0	655469A6	Cylinder Kit
6.0	536379	Bolt			S/N: AC05CA732
1.0	536552	Spring	1.0	655469A6	Cylinder Kit
2.0	538468	Rubber Bushing			S/N: AC04KA076
2.0	624000-4-0120	Hose Assembly	1.0	655469A6	Cylinder Kit
1.0	624000-4-0400	Hose Assembly			S/N: AC05CA743
16.0	629104	Snap Ring	1.0	655469A6	Cylinder Kit
2.0	629163-5	Clamp			S/N: AC04KA439
6.0	630046	Piston Pin	1.0	655469A6	Cylinder Kit
1.0	630680	Bearing			S/N: AC05CB866
1.0	630899	Bearing	1.0	655469A6	Cylinder Kit
1.0	633240	Gasket			S/N: AC05CA734
1.0	634150	Oil Pressure Spring	12.0	655961	Rod Bolt
4.0	634511	6pt Nut	1.0	BL349350-4	Factory Rebuilt Magneto
16.0	639193	Counterweight Bushing			S/N: F05DA047R
1.0	641250	Crankshaft Seal	1.0	BL349350-5	Factory Rebuilt Magneto
1.0	641368	Bearing			S/N: F05DA123R
2.0	641909	Lock Plate	1.0	CAM539800M15	Starter Adapter Clutch Spring
12.0	642398	Rod Bearing			S/N: CAM05-015-062
2.0	643626-103	Counterweight Pin	1.0	CH48108-1	Oil Filter
2.0	643626-104	Counterweight Pin	1.0	EQ7002	Cam, Lifters, & Gear Kit
16.0	643629	Counterweight Plate			654084A1 Camshaft, S/N:
1.0	646550A1	Gasket Set	1.0	M1740	Harness
1.0	646592A2	Main Bearing Set	1.0	MS35756-8	Woodruff Key
1.0	649052A4-1R	Factory Rebuilt Fuel Injection Sys.	1.0	MS9970-116	O Ring
		653377A3 Throttle Body, S/N:	1.0	MS9970-117	O Ring
		646212-38A3 Fuel Pump, S/N:	8.0	NAS1805-4	Lock Nut
		631427-2A22 Manifold Valve, S/N:	12.0	RHB32E	Spark Plug
4.0	649205	Bolt	1.0	SA630916	Gasket
12.0	652129	Rocker Arm Bushing	4.0	SA643626-105	Counterweight Pin
2.0	652436-1	Clamp	1.0	X13041	Bearing
12.0	652541	12 Point Base Nut			

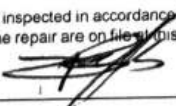
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7-20-05	957.3	0	915.3	ANNUAL INSPECTION. INSTALLED THIS ENGINE ON Beech 58 NORTH AFTER OVERHAUL, INSTALLATION WAS DONE WITH ALL NEW SHOCK MOUNTS AND ENGINE FLUID HOSES AND AS PER BEECH 58 SERVICE MANUAL. INSTALLED 12 qts A/S 100 MINERAL OIL, CH48109 OIL FILTER. RAN ENGINE AND CHECKED FUEL PRESSURES AND FOR LEAKS AND PROPER OPERATION. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND IN AIRWORTHY CONDITION.
7-22-05	962.7	5.4	920.7	Erlon Armino 54056618 IA DRAINED oil & changed filters. Installed 11 qts A/S 100 STRAIGHT MINERAL oil & CH48109 Filter. Ran Engine & checked for leaks.
8-13-05	985.9	28.6	943.9	Erlon Armino 54056618 ATP DRAINED oil & changed Filter. Installed 11 qts A/S 100 W oil & CH48109-1 Ran Engine & checked for leaks AND Proper operations Erlon Armino 54056618 ATP
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				Pacific Aviation Northwest, Inc. 2244 Carlton Way • Grants Pass, Oregon 97526 Phone 541-479-2230 • Fax 541-479-6703 www.pacificaviationnw.com
Beechcraft 58	S/N TH807	N807TH	Airframe Logbook Entry	
October 13, 2005	Hobbs 972.6 hrs			
Repaired wiring on right engine oil temperature and reconnected. Cleaned and reattached left engine oil temperature connector. Operationally tested- OK <i>[Signature]</i> Jere K. Bragado AP2768239				
6/10/06		1029.3	Changed engine oil with perstat 15/50w 10 qts. New CH48109 oil filter. Opened old one all etc. Ran engine up & checked oil. Chris Thomas	
9-1-06	1074.9	1144.6	1059.9	Annual Inspection. Removed Plugs. Cleaned & Gapped. Checked Compression #1-73 #2-70 #3-70 #4-62 #5-75 #6-72 Drained oil & checked Filter No Metal Found. Installed 10 qts A/S 100w oil & CH48109-1 Filter. Checked MAGS, Cyl, Int. + Control & mounts. Checked AD's See AD Compliance Report in A/C Records. Ran Engine & checked for Leaks AND Proper operation. I certify This Engine has been Inspected in Accordance with AN Annual Inspection AND WAS Found in Airworthy Condition Elston Thomas 2219121A
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3/11/07	1126.1	195.8 120.8	1111.1	Changed engine oil with Aeroshell 15-50W. Installed 48109-1 Champion air filter and ten quarts of oil. Ran engine no leaks.
7/17/07	1187.1	256.8	1172.0	Changed engine oil with Aeroshell 100. Installed 48109-1 Champion Oil filter and ten quarts of oil. Cut open old filter all ok. Ran engine no leaks. Dini Thomas
10-16-07	1211.3	281.0	1196.3	Annual Inspection. Removed Plugs. Cleaned & Gaped. Checked Compression #1-70 #2-62 #3-71 #4-65 #5-74 #6-62 Drained oil & Cut Filter No Metal Found. INSTALLED 16 qts A/S 15W50 oil & CH48109-1 Filter. Checked Controls, Mags, Intakes & Exhaust. Repaired Baffle for #4 & 6 cylinders. Checked ADs See AD Compliance Report in A/c Records. Ran Engine & Checked for Leaks And Proper operation. I Certify This Engine HAS been inspected in Accordance with AN Annual Inspection AND WAS Found in Airworthy Condition Eblon Vummis 2219121A
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF REPAIR STATION
				ENGINE MODEL: IO-520CB7B ENGINE S/N (R): 289952-R REG NO N807TH WORK ORDER: 2151 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE: 03/02/15 A/C TSN: 3568 ENG TT (R): 1518.5 TSMOH (R): 588.2 HOBBS: 1518.5 Right Engine Entries Annual Inspection MEL RH Engine. Performed an annual inspection at Hobbs: 1519.5 Compression test: #1-44/80, #2-50/80, #3-60/80, #4-68/80, #5-60/80, #6-36/80.... All AD's Reviewed and complied with through AD Release# 2015-01... Removed and replaced cylinder #'s 1, 2, 6 with a new ECI Nickel Cylinder PN: TISN71.4ACA #1 SN: 106923-14 #2 SN: 106966-13 #6 SN: 106923-23... Re-torqued the fitting at the fuel supply line on the throttle body side... Re-Torque the caps, covers and fittings on the accessory case, cleaned engine thoroughly - Re inspect at next oil change... Replaced the induction hoses, one intake and 3 exhaust gaskets... Replaced the missing nut and washer for the exhaust support bracket... RH alternator was removed and overhauled... Replaced the hard oil supply line to the governor with a new line PN: 96-960011-15 I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition. DATE: 03-02-15 SIGNED:  Work Order: 2151 Rossi Aircraft Inc. Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)
				ENGINE MODEL: IO-520CB7B ENGINE S/N (R): 289952-R REG NO N807TH WORK ORDER: 2536 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE: 4/26/2016 A/C TSN: 3625.5 ENG TT (R): 1576 TSMOH (R): 645.7 HOBBS: 1576 Right Engine Entries Performed an Annual Inspection: Engine - compression test, drained oil, inspected and replaced oil filter. Serviced with 11 Qts of Aeroshell 15W50 oil and sent oil sample out to be analyzed. Cleaned, gapped and tested spark plugs, cleaned all fuel injectors and checked magneto timing. Performed a solvent based wash on engine. Ran engine, power and leak check good. Compression test: #1-76/80, #2-77/80, #3-72/80, #4-69/80, #5-60/80, #6-78/80.... All AD's Reviewed and complied with through AD Release# 2016-08... Owner squawked that the RH engine #1 cylinder CHT spiked to 460% then settled down but could not repeat - Checked and could not repeat as well all appears normal... Vacuum pump was leaking oil - Replaced seal and gaskets... Replaced the torn induction SCAT hose with new... Removed injectors, sonic cleaned and reinstalled I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition. DATE: 4/26/2016 SIGNED:  Work Order: 2536 Rossi Aircraft Inc. Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)
				ENGINE MODEL: IO-520CB7B ENGINE S/N (R): 289952-R REG NO N807TH WORK ORDER: 2915 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE: 5/22/2017 A/C TSN: 3656 ENG TT (R): 1606.5 TSMOH (R): 676.2 HOBBS: 1606.5 Right Engine Entries Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D. Drained oil, inspected and replaced oil filter. Serviced with 10 Qts of Aeroshell 15W50, 1 Qt of Camguard and sent oil sample out to be analyzed. Cleaned, gapped and tested spark plugs and checked magneto timing. Performed a solvent based wash on engine. Ran engine, power and leak check good. Compression test: #1-80/80, #2-78/80, #3-72/80, #4-78/80, #5-63/80, #6-78/80.... All AD's Reviewed and complied with through AD Release# 2017-11... AD2016-16-12 - ECI Class 71 or Class 76 Cylinder Assemblies - N/A - Affected ECI Cylinder PN not installed... LH magneto sent out for 500 hour inspection at Hobbs: 1606.5. Reinstalled per TCM MM and replaced the connectors for the P-lead. Details of 500 inspection held on Aircraft Electrical Components WO# 75701... Oil pressure regulator was leaking - Re-torqued... Replaced the injector bushings on Cylinder#s 2 and 4 I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition. DATE: 5/22/2017 SIGNED:  Work Order: 2915 Rossi Aircraft Inc. Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)

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
ENGINE MODEL: IO-520CB7B ENGINE S/N (R): 289952-R REG NO N807TH WORK ORDER: 3283				Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326
				DATE: 7/1/2018 A/C TSN: 3696.7 ENG TT (R): 1647.2 TSMOH (R): 716.9 HOBBS: 1647.2
Right Engine Entries				
Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D. Drained oil, inspected and replaced oil filter CH48109-1. Serviced with 11 Qts of Aeroshell 15W50 oil and sent oil sample out to be analyzed. Cleaned, gapped and tested spark plugs and checked magneto timing. Performed a solvent based wash on engine. Ran engine, power and leak check good. Compression test: #1-78/80, #2-76/80, #3-62/80, #4-50/80, #5-56/80, #6-76/80.... All AD's Reviewed and complied with through AD Release# 2018-06... Removed RH engine alternator PN: ALT-9522 S/N C040201 and sent to George's Electrical for inspection on invoice# 28173.... Removed RH engine fuel injector's, cleaned, inspected and re installed.... Removed and replaced RH engine alternator warning switch PN:A00258-2 SN:80Q45717.				
Maintenance Release				
The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 3283, Dated 7/1/2018.				
DATE: 7/1/2018		SIGNED: 		Work Order: 3283
		Alberto Rossi Certified Repair Station No. ZRSR378L		Printed by EBis 3 (datcomedia.com)
ENGINE MODEL: IO-520CB7B ENGINE S/N (R): 289952-R REG NO N807TH WORK ORDER: 3634				Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326
				DATE: 9/1/2019 A/C TSN: 3711 ENG TT (R): 1661.5 TSMOH (R): 731.2 HOBBS: 1661.5
Right Engine Entries				
Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D. Ran engine, power and leak check good... All AD's Reviewed and complied with through AD Release# 2019-13... Removed RH engine Cyl# 1,2,3,4,5 & 6 and installed new Cyl# 1,2,3,4,5 & 6 PN:E190132399.... Removed and replaced RH engine CHT adapter PN:28202.				
Maintenance Release				
The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 3634, Dated 9/1/2019.				
DATE: 9/1/2019		SIGNED: 		Work Order: 3634
		Alberto Rossi Certified Repair Station No. ZRSR378L		Printed by EBis 3 (datcomedia.com)

--	--	--

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

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
ENGINE MODEL IO-520CB7B ENGINE S/N (R) 289952-R REG NO N807TH WORK ORDER 3952 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE 5/6/2020 A/C TSN 3733 9 ENG TT (R) 1684 4 TSMOH (R) 754 1 HOBBS 1684 4				
Right Engine Entries Drain oil and service with 12 qts of AEROSHELL 15W50 oil and installed new CH48108-1 oil filter. Inspected old filter, solvent washed engine, run and leak check.				
Maintenance Release				
The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 3952, Dated 5/6/2020				
DATE: 5/6/2020 SIGNED:  Work Order: 3952 Alberto Rossi Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)				
ENGINE MODEL IO-520CB7B ENGINE S/N (R) 289952-R REG NO N807TH WORK ORDER 4034 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE 8/18/2020 A/C TSN: 3735 4 ENG TT (R): 1685 9 TSMOH (R) 755 6 HOBBS 1685 9				
Right Engine Entries Removed RH engine alternator p/n ALT-9522R s/n C0-40201, installed new alternator p/n C28-150 s/n H-U010470 with new gasket p/n 653981.				
Maintenance Release				
The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4034, Dated 8/18/2020				
DATE: 8/18/2020 SIGNED:  Work Order: 4034 Alberto Rossi Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)				
ENGINE MODEL IO-520CB7B ENGINE S/N (R) 289952-R REG NO N807TH WORK ORDER 4068 Rossi Aircraft, Inc. Repair Station No. ZRSR378L 1903 Embarcadero Rd Palo Alto, CA 94303 Phone: 650-493-3326 DATE 10/2/2020 A/C TSN: 3749 9 ENG TT (R): 1700 4 TSMOH (R): 770 1 HOBBS: 1700 4				
Right Engine Entries Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D. Drained oil, inspected and replaced CH48108-1 oil filter. Serviced with 12 Qts of AEROSHELL 15W50 oil and sent oil sample out to be analyzed. Cleaned, gapped and tested spark plugs and checked magneto timing. Performed a solvent based wash on engine. Ran engine, power and leak check good. Compression test: #1-76/80, #2-72/80, #3-74/80, #4-74/80, #5-75/80, #6-74/80.... All AD's Reviewed and complied with through AD Release# 2020-19... Removed RH engine fuel injectors, sonic cleaned, inspected and re installed.				
Maintenance Release				
The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4068, Dated 10/2/2020				
DATE: 10/2/2020 SIGNED:  Work Order: 4068 Alberto Rossi Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)				

SUB-TOTALS this page

TOTALS—Carry forward to next page

ENGINE MODEL
IO-520CB7B
ENGINE S/N (R) 289952-R
REG NO N807TH
WORK ORDER 4458

Rossi Aircraft, Inc.
Repair Station No ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone 650-493-3326

DATE 1/4/2022
A/C TSN 37874
ENG TT (R) 17179
TSMOH (R) 7876
HOBBS 17179

3 WORK

Right Engine Entries

Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D
Drained oil, inspected and replaced CH48103-1 oil filter. Serviced with 12 Qts of AEROSHELL 15W50 oil. (1) CAMGUARD oil
additive and sent oil sample out to be analyzed. Cleaned, gapped and tested spark plugs and checked magneto timing. Performed
a solvent based wash on engine. Ran engine, power and leak check good.
Compression test #1-72/80, #2-70/80, #3-74/80, #4-74/80, #5-76/80, #6-74/80. All AD's Reviewed and complied with through AD
Release# 2021-23. Removed (6) fuel nozzles, sonic cleaned, inspected and installed.

Maintenance Release

The aircraft and/or component(s) on N807TH was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and
was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 4458, Dated 1/4/2022

DATE 1/4/2022

SIGNED:

Alberto Rossi
Certified Repair Station No ZRSR378L

Work Order: 4458

Printed by EBIS 3 (datcomedia.com)

MENA AIRCRAFT ENGINES, INC. -- FAA CRS#S9QR340N

Date: February 28, 2024 Hobbs Time: 1738.30 hrs Engine Time Since Major Overhaul: 00.00 hrs
Engine Data: Teledyne - Continental engine model IO-520-CB Serial Number: 298952-R
Aircraft Data: Beech model 58 serial number: TH-807 N807TH Year: 1977 RH

WORK PERFORMED: inspect and overhauled in accordance with Teledyne-Continental
manual#X30039A and Teledyne-Continental parts catalog #X30624A

COMPONENTS

crankshaft/counterweight assembly: magnafluxed, inspected, rods and mains measure STD,
renitrided, cadmium plated and baked flange, rebushed damper blades, rebushed
counterweights, installed counterweights with new pins, plates, and snap rings, ultrasonic
tested i/a/w TCM SB#96-10, c/w AD#97-26-17 as VAR, dynamically balanced per
procedure #98-002, and certified by Aircraft Specialties of Tulsa, OK w/o 278037 FAA
CRS#DD2R764K. TCM s/n F437

connecting rods(6): magnafluxed, inspected, dimensionally checked, and certified by Barrett
Precision Engines of Tulsa, OK w/o 12870 FAA CRS#Q8RR231Y..

COMPONENTS CONTINUED

internal steel: cleaned, magnafluxed, inspected, and certified by Aircraft Specialties of
Tulsa, OK w/o 278037 FAA CRS#DD2R765K

camshaft: p/n 654084 - magnafluxed, inspected, reground to new limits, and certified by
Aircraft Specialties of Tulsa, OK w/o 278037 FAA CRS#DD2R764K.

hydraulic valve lifter assemblies: intake p/n 653488, exhaust p/n 653877 - cleaned, inspected,
magnafluxed, overhauled, bleed rate matched per procedure #2002-01, and certified by
Aircraft Specialties of Tulsa, OK w/o 278037 FAA CRS#DD2R764K.

crankcase: casting #646201, match #C79510R - zyglod, inspected, repaired, surfaced,
align-bored, stress relieved, and certified by DIVCO of Tulsa, OK w/o WDC#
134073 FAA CRS#DB2R762K.

cylinders(6): cleaned, inspected, dimensionally checked by Mena Aircraft Engines, Inc. of
MENA, AR w/o 2455CYL FAA CRS#S9QR340N

valve rocker arms(12): magnafluxed and inspected by Barrett Precision Engines of Tulsa,
OK w/o 12870 FAA CRS#Q8RR231Y.

ACCESSORIES

magneto(LH): p/n BL-349350-4, s/n F05DA047R, mfg. CMI/Bendix - inspected, repaired,
tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 2455A FAA
CRS#S9QR340N.

magneto(RH): p/n BL-349350-5, s/n F05DA123R, mfg. CMI/Bendix - inspected, repaired,
tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 2455B FAA
CRS#S9QR340N.

alternator: p/n C28-150, s/n H-U010470 - inspected, and tested by Aircraft Accessories of
Tulsa, OK w/o 56868 FAA CRS#RV3R928L

drive coupling: p/n 646655 - cleaned, inspected, and tested by Aircraft Accessories of Tulsa,
OK w/o 57404 FAA CRS#RV3R928L

fuel injection system: p/n 649052A4-1R mfg. TCM - inspected and bench tested by Mike'
A/C Fuel Metering Service of Tulsa, OK w/o 33213 FAA CRS#HK2R875K.

NEW PARTS INSTALLED

Major repair gasket and seal set, crankshaft oil seal p/n 641250, crankshaft
damper bushings, counterweight bushings, counterweight pins, plates, and snap
rings, crankshaft gear attaching screws, alternator face gear screws and lockplates,
camshaft gear attaching screws, camshaft gear woodruff key, connecting rod bolts,
connecting rod nuts, connecting rod bushings, connecting rod bearings STD, oil
transfer collar assembly STD, main bearing set STD, camshaft gear per MSB,
crankcase thru-bolt dowels and o rings, starter adapter pilot needle bearing, piston
pins, silicone valve cover gaskets, oil pressure relief valve kit, oil pressure relief
valve spring, fuel pump drive coupling p/n 653359, front crankshaft oil seal retaining
plates, magneto drive cushions, oil filter p/n 48109, Real Gasket push rod seal kit,
throttle support sleeve and bushings, induction tube hoses and clamps, oil filter adapter stud,
oil dipstick cap seal, engine mount leg washers and nuts, spark plugs, oil temperature
vernatherm valve. supplied new exhaust nuts and new blo-proof exhaust gaskets.

Special FAA Approved Procedures

1. installed crankcase thru-bolt dowels per procedure #MPCD16CB2
2. installed fuel injection line clamps per procedure #MPCD17FTC3
3. modified oil pump per procedure #MPCD120P2
4. dynamically balanced crankshaft assembly per procedure #98-002

Engine Test Run and Sign-Off: this engine inspected, overhauled, and test run in
accordance with current and applicable FAA data and procedures and is
approved for return to service. pertinent details of the overhaul are on file
at this repair station #S9QR340N under work order #23B-2455 by Mena
Aircraft Engines, Inc. of Mena, AR *[Signature]* #2549814 February
28, 2024

SUB-TOTALS this page

TOTALS—Carry forward to next page

TOTALS—Carry forward to next page

