

LEFT

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N807TH

Engine Manufacturer CONTINENTAL

Model IO-520CB7B

Serial No. 298957-R

Date installed on aircraft 1-16-98

Time Between Overhauls (TBO) _____ Hours

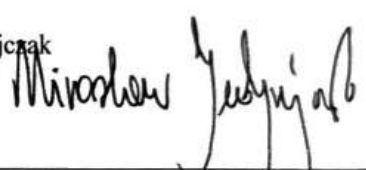
If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ 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
	60.9	60.9	19.6	TOTALS brought forward from previous page
6-1-99	77.8	77.8	35.6	ANNUAL INSPECTION COMPLETED THIS DATE ENGINE RUN-UP, ENGINE PARAMETERS NORMAL PER BARON SHOP MANUAL, 58, SECTION 16. COMP CHK RESULTS AS FOLLOW: #1 = 67; #2 = 39; #3 = 68; #4 = 73; #5 = 73; #6 = 71. OIL DRAINED, FILTER CHECKED FOR CONTAMINATION, NONE FOUND. RE-FILLED WITH AEROSHELL 100 AD REPLACED BROKEN BREATHER TUBE, INSTALLED NEW AIR INDUCTION FILTER, CLEANED ALTERNATOR OF SURFACE CORROSION, REPLACED SCREW IN LOOSE BAFFLE PLATE, REPLACED DEFECTIVE BAFFLE SEAL, BLAST TUBE TO FUEL CONTROL REPAIRED (CRACK), RE-POSITIONED MIXTURE CONTROL TO STOP RUBBING ON ENGINE MOUNT, REMOVED #2 CYLINDER DUE TO STUCK EXHAUST VALVE, CYLINDER REPAIRED BY GRAMM AIRCRAFT ENGINE SERVICE INC, UNDER 610 3309, CRS-AF5R 724M. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IACW THE REQUIREMENTS OF AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. Ray Hampton AP26044357AIA WEST GEORGIA AIR SVC. INC 635 REGIONAL AIRPORT RD CARROLLTON, GA, 30117
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
HANGAR ONE, INC. 635 Regional Airport Rd. Carrollton, GA 30117 770-834-0061				N-807 TH L.H. 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: #1-73/80, #2-72/80, #3-74/80, #4-75/80, #5-72/80, #6-68/80. 3. Washed engine, performed run-up, check for leaks; No leaks noted at this time. 4. Drain oil, removed, installed new CH48109 oil filter 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.				
				Miroslaw W. Jedrzejczak A&P 153568168 AI 
N807TH Date: 04/28/00 Hobbs: 113.5 WO# 10251				
Changed oil and filter inspected oil filter element. Serviced engine with 12 quarts. Aeroshell 15W50. Ground ops and leak checked okay.				
Ron's Aircraft Service, Inc. FAA RS #RJUR641K, 				
7/15/00		160.3	DRAINED OIL CHANGED OIL FILTER. INSTALLED 11 qt's A/S 15W50 + CH48109 Filter. RAN Engine AND checked FOR LEAKS Eldon Nimmo 540561618 A&P	
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

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				TOTALS brought forward from previous page
5-15-01	339.90	339.90	298.7	Changed oil & Filter AVIS-50 7hp 555827590 CH48109 Filter 12 qts Aerolube 15W50
7-17-01	379.2	379.2	338.0	CHANGED OIL & FILTER, FILTER insp - FOUND OK. SERVICED w/Shell 15-W50. D. McHugh CORPORATE AIR TECHNOLOGY 1250 AVIATION AVE. STE. 125 SAN JOSE, CA 95110 FAA CRS AL32384L FAA CRS AL32384L SAN JOSE, CA 95110 1250 AVIATION AVE. STE. 125 CORPORATE AIR TECHNOLOGY
10-4-01	429.1	429.1	387.9	CHANGED OIL & FILTER SERVICED WITH Shell 15-W50 D. McHugh
02-22-2002	464.3	464.3	423.1	Annual Inspection. Removed ALL Plugs. Checked Compression. #1-70 #2-71 #3-74 #4-72 #5-72 #6-72 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 MAG Timing. Removed ALT & checked Bearings. Replaced with New Gasket. checked Contacts, Exh & Int. WASTED 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 Edison Ramirez 54056618JA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Redmond, Al.

JAMES L. SMOPTAW AP544746249

[illegible]

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+03				Annual Inspection. Removed Plugs. Cleaned & Gapped. Checked Compression #1-68 #2-66 #3-73 #4-70 #5-73 #6-70 Cut oil Filter No Metal. Checked Mag Timing, cleaned Injectors. Checked All Contact(s), Exhaust & Intakes. Checked AD's See AD Compliance Report in A/c Records. Ran Engine & checked for leaks & proper operation. I certify This Engine has been Inspected in Accordance with An Annual Inspection AND WAS Found in Airworthy Condition E. Olson Timmer 540566181A
5/30/03			644.5	Changed oil with 15/50w Aeroshell oil. Filter opened no metal fragments found. Filled with ten quarts oil, ran engine check for leaks. Dennis Thomas
8/6/03			706.5	Changed oil with 15/50w Aeroshell oil. Filter opened no metal fragments found. Filled with ten quarts oil, ran engine checked for leaks - all ok. Dennis Thomas
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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3/5/04			756.7	changed engine oil. Filled with ten quarts aeroshell 15-50w. Ran engine no leaks. Cut open filter no metal fragments all ok. Devin Thomas
4-8-04	811.9	811.9	769.9	ANNUAL Inspection Removed Plugs. changed & Gapped. Checked Compression #1-63 #2-60 #3-73 #4-69 #5-66 #6-69 Checked & checked Intakes. Checked maps, Exhaust, Intakes AND Contacts. checked ADs. See AD COMPLIANCE Report in A/C Records. 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 Jimmo 54056168JA
7/20/04			813.3	Changed engine oil. Filled with ten quarts aeroshell 15-50w. Ran engine no leaks. Cut open filter - no metal fragments. Sent out oil samples for testing. All ok Devin Thomas, Owner
12/5/04			869.0	Changed engine oil. Filled with ten quarts aeroshell 15-50w. Ran engine - no leaks. Cut open filter - no metal fragments. Devin Thomas, Owner
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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5-2-05	957.3	957.3	915.3	Annual Impaction - Engines were Removed For overhaul Due To Low Compression AND Pitting on Cam Followers AND Cam. Eldon Nimmo 540561618 A+P.

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.

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

Manufacturer Continental

Total Time 957.3

Date 06/29/2005

Model Number IO-520-CB (7B)

TSMO 0.0

WO Number 09397

Serial Number 298951-R

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	F05DA046R	0.0 hours since factory rebuilt.
Right magneto	S6RN-1225	BL349350-5	F05DA121R	0.0 hours since factory rebuilt.
Throttle body	-	649052A4-1	A05DA151R	0.0 hours since factory rebuilt.
Fuel pump	-	646012-38A3	B05DA168R	0.0 hours since factory rebuilt.
Manifold valve	-	631421A22	C05DA154R	0.0 hours since factory rebuilt.
Starter	-	646275	A10249718	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.
					AD Note requires no further inspection.
88-03-06	39-5888	04/15/1988	N	TCM oil filter	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.
2004-08-10	39-13579	05/05/2004	N	ECi Cylinders	N/A by cylinder manufacturer.

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Airworthiness Directives

Fuel Injection

AD Note	Amend #	Dated	R	Subject
81-24-06	39-4260	11/23/1991	Y	Fuel pump leakage

Compliance

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
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

Solid steel drive bushings were installed

N/A. Green blocks are not installed

AD Note does not require any further inspection.

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.

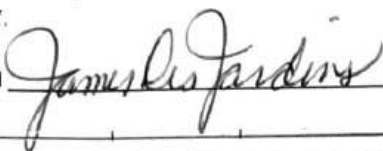
Inspection is required every 500 hours time in service.

Next inspection is due at ETT 1457.30.

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 09397.

Date: 06/29/2005

Signed



Inspector for Premier Aircraft RS JZYR537L

List of Parts Installed for Work Order No.: 09397

Qty	Part Number	Description	Qty	Part Number	Description
1.0	20016S	Clamp	24.0	653188	Rocker Washer
6.0	21007	Stud	10.0	654439-1	Intake Hose
8.0	350998	Crankshaft Bushing	12.0	654490	Rod Nut
1.0	501867	Lock Tab	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: AC05CA704
1.0	536552	Spring	1.0	655469A6	Cylinder Kit
2.0	538468	Rubber Bushing			S/N: AC04KA644
2.0	624000-4-0120	Hose Assembly	1.0	655469A6	Cylinder Kit
1.0	624000-4-0400	Hose Assembly			S/N: AC05CA695
16.0	629104	Snap Ring	1.0	655469A6	Cylinder Kit
2.0	629163-5	Clamp			S/N: AC04KB046
6.0	630046	Piston Pin	1.0	655469A6	Cylinder Kit
1.0	630680	Bearing			S/N: AC04KB031
1.0	630899	Bearing	1.0	655469A6	Cylinder Kit
1.0	633240	Gasket			S/N: AC05CA728
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: F05DA046R
1.0	641250	Crankshaft Seal	1.0	BL349350-5	Factory Rebuilt Magneto
1.0	641368	Bearing			S/N: F05DA121R
2.0	641909	Lock Plate	1.0	CAM539800M15	Starter Adapter Clutch Spring
12.0	642398	Rod Bearing			S/N: CAM05-015-061
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	24.0	MS20500-428	Nut
1.0	649052A4-1R	Factory Rebuilt Fuel Injection Sys.	1.0	MS35756-8	Woodruff Key
		653377A3 Throttle Body, S/N:	1.0	MS9970-116	O Ring
		646212-38A3 Fuel Pump, S/N:	1.0	MS9970-117	O Ring
		631427-2A22 Manifold Valve, S/N:	8.0	NAS1805-4	Lock Nut
4.0	649205	Bolt	12.0	RHB32E	Spark Plug
12.0	652129	Rocker Arm Bushing	1.0	SA630916	Gasket
2.0	652436-1	Clamp	4.0	SA643626-105	Counterweight Pin
12.0	652541	12 Point Base Nut	1.0	X13041	Bearing

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7-20-05	957.3	0	915.3	ANNUAL INSPECTION. INSTALLED THIS Engine on Beech 58 N807TH. AFTER OVERHAUL, INSTALLATION WAS Done with NEW Shock Mounds 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. Eblon Timmins 540561618 IA
7-22-05	962.7	5.4	920.7	Drained oil & changed Filters. Installed 11 qts A/S 100 STRAIGHT MINERAL oil & CH48109-1 Filter. RAN Engine & checked FOR LEAKS. Eblon Timmins 540561618 A4P
8-13-05	965.9	28.6	943.9	Drained oil & changed Filter. Installed 11 qts A/S 100 W oil & CH48109-1 Filter RAN Engine & checked FOR LEAKS AND Proper operation. Eblon Timmins 540561618 A4P
6/10/06		85.4	1029.3	changed engine oil with 10 qts 15/50W/terracell installed new oil filter at open oblong a/c ok. Ran engine no leaks. New CH48109 oil filter. Timmins
				SUB-TOTALS this page
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9-1-06	1074.9	144.6	1059.9	Annual Inspection. Removed Plugs. Cleaned & Gapped. Checked Compression #1-71 #2-73 #3-76 #4-70 #5-75 #6-73 Drained oil & checked Filter. No Metal Found. Installed 10 qts A/S 100 W oil & CH48109-1 Filter. Checked Magnets, C/L, Int, Mounts, & Controls. 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. Eduardo Arriaga 2219121 IA
3/11/07	1126.1	195.8	1111.1	Changed engine oil with Acrosnell 15-50W. Installed 48109-1 Champion oil filter and ten quarts of oil. Ran engine no leaks.
7/17/07	1187.1	256.8	1172.0	Changed engine oil with Acrosnell 100 aviation oil. Installed 48109-1 Champion oil filter and ten quarts of oil. opened oil filter all ok. Ran engine no leaks. Chris Munoz
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-16-07	1211.3	281.0	1196.3	Annual Inspection Removed Plugs. Cleaned & Gaped. Checked Compression #1-72 #2-66 #3-71 #4-65 #5-74 #6-64 Drained oil & cut Filter. No Metal Found. Installed 11 qts A/S 15W50 oil & CH 48109-1 Filter. Checked Controls, Intake, Exhaust & MAGS. 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 Vinnius 2219121 JA
7/16/08	1269.3	339.0	1254.3	Changed engine oil with Aeroshell 100w. Installed new CH 48109 oil filter. Added ten quarts of oil. Opened oil filter - all ok. Ran engine, no leaks. Chris Thomas

PALO ALTO AERO SERVICE3S INC.

Date. 3/6/09

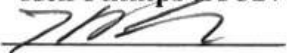
Tach. 1285

Total. 1300

S.M.O.370

I certify I have inspected this engine
in accordance with an annual inspection
in found to be in airworthy condition
and returned to services.

Ken Phillips JA 3277903



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 (L): 289951-R
REG. NO: N807TH
WORK ORDER: 1247

Rossi Aircraft, Inc.
Repair Station No. SRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE 09-02-12
A/C TSN: 3447.6
ENG TT (L): 1398.1
TSMOH (L): 467.8
HOBBS: 1398.1

Left Engine Entries

Performed an annual inspection. Compression test: #1-72/80, #2-52/80, #3-74/80, #4-62/80, #5-70/80, #6-60/80. Drained oil; inspected and replaced oil filter. Serviced with 10 qts of Aeroshell 100 Mineral 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.... All AD's Reviewed through Issue: 2012-14... Inspected LH engine induction tube, no damage found re-inspect at next 100 hour inspection... Secured base nuts for the LH governor... Re-secured the oil pressure seals on RH engine... Cylinder #2 removed for low compression and replaced with overhauled Cylinder Assembly from Victor Aviation R/O #16750

I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 09-02-12 SIGNED: 

Work Order: 1247

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Rossi Aircraft Inc.
Certified Repair Station No. SRSR378L

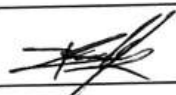
ENGINE MODEL:
IO-520CB7B
ENGINE S/N (L): 289951-R
REG. NO: N807TH
WORK ORDER: 1337

Rossi Aircraft, Inc.
Repair Station No. SRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 10-01-12
A/C TSN: 3454.8
ENG TT (L): 1405.3
TSMOH (L): 475
HOBBS: 1405.3

Left Engine Entries

Drained oil, retrieved an oil sample and serviced with 12 Qts. of Aeroshell 15W50 oil. Inspected oil filter and installed new CH48109-1 oil filter. Washed and ran engine, no leaks found. Compression test: Cylinder #2-74/80... Installed new o-ring on governor accumulator. Operational check good.

DATE: 10-01-12 SIGNED: 

Work Order: 1337

Printed by EBis 3 (datcomedia.com)

Rossi Aircraft Inc.
Certified Repair Station No. SRSR378L

ENGINE MODEL:
IO-520CB7B
ENGINE S/N (L): 289951-R
REG. NO: N807TH
WORK ORDER: 1761

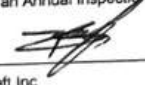
Rossi Aircraft, Inc.
Repair Station No. ZRSR378L
1903 Embarcadero Rd
Palo Alto, CA 94303
Phone: 650-493-3326

DATE: 10-15-13
A/C TSN: 3509
ENG TT (L): 1459.5
TSMOH (L): 529.2
HOBBS: 1459.5

Left Engine Entries

Performed an annual inspection. Compression test: #1-63/80, #2-71/80, #3-69/80, #4-63/80, #5-72/80, #6-68/80. 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.... All AD's Reviewed through Issue: 2013-19... Installed new left engine induction airbox outlet duct... Replaced forward baffle seals left engine... Installed new vacuum pump left engine

I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 10-15-13 SIGNED: 

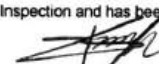
Work Order: 1761

Printed by EBis 3 (datcomedia.com)

Rossi Aircraft Inc.
Certified Repair Station No. ZRSR378L

SUB-TOTALS this page

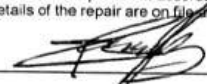
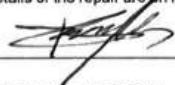
TOTALS—Carry forward to next page

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
				ENGINE MODEL: IO-520CB7B ENGINE S/N (L): 289951-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: <u>03-02-15</u> A/C TSN: 3568 ENG TT (L): 1518.5 TSMOH (L): 588.2 HOBBS: 1518.5 Left Engine Entries Annual Inspection MEL LH Engine: Performed an annual inspection at Hobbs: 1518.5 Compression test: #1-62/80, #2-67/80, #3-60/80, #4-35/80, #5-62/80, #6-36/80. All AD's Reviewed and complied with through AD Release# 2015-01 AD 2014-05-29 - Superior Air Parts Investment Cast Cylinder Assemblies - N/A Not Installed. Adjusted the vacuum on the LH vacuum regulator to 4.6 psi. Installed protective wrap on the wire bundle by the fuel line next to the outboard side of the firewall. Removed and replaced cylinder #4 with a new ECI Nickel Cylinder PN T1SN71 4ACA SN: 106966-15. LH Alternator was removed, overhauled and seal replaced. Re-Torque the caps, covers and fittings on the accessory case, cleaned engine thoroughly. Re inspect at next oil change. Replaced wiring on the prop governor wire bundle at the connection point below Cyl# 6. 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: <u>03-02-15</u> 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 (L): 289951-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: <u>4/26/2016</u> A/C TSN: 3625.5 ENG TT (L): 1576 TSMOH (L): 645.7 HOBBS: 1576 Left 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: #1-60/80, #2-62/80, #3-63/80, #4-78/80, #5-73/80, #6-62/80. All AD's Reviewed and complied with through AD Release# 2016-08. Oil temp. indicator fluctuates in flight - Inspected connections and cleaned the grounding points. Engine control cables were rubbing/wearing on the lower L/H Engine mount - installed abrasion protection. Fuel injector bushings for Cylinder #s 1 & 6 were replaced - PN: AEC65389. 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: <u>4/26/2016</u> 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 (L): 289951-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: <u>5/22/2017</u> A/C TSN: 3656 ENG TT (L): 1606.5 TSMOH (L): 676.2 HOBBS: 1606.5 Left 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 and 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: #1-60/80, #2-76/80, #3-70/80, #4-74/80, #5-76/80, #6-72/80. 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. Prop governor cable was rubbing hard against the exhaust pipe support bracket - Installed protective hoses on the cable. Oil pressure regulator was leaking at the crush gasket - Re-torqued. Adel clamp for the breather tube, near the bottom replaced I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition. DATE: <u>5/22/2017</u> SIGNED:  Work Order: 2915 Rossi Aircraft Inc. Certified Repair Station No. ZRSR378L Printed by EBis 3 (datcomedia.com)

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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 (L) 289951-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 (L) 1684 4 TSMOH (L) 754 1 HOBBS 1684 4				
Left 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 (L) 289951-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 (L) 1685 9 TSMOH (L) 755 6 HOBBS 1685 9				
Left Engine Entries Removed LH engine alternator p/n 2522R s/n C063407, installed new alternator p/n C28-150 s/n H-U071331 with new gasket p/n 653981, and new fuse p/n AGC5.				
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 (L) 289951-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 (L) 1700 4 TSMOH (L) 770 1 HOBBS 1700 4				
Left 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: #1-74/80, #2-72/80, #3-72/80, #4-72/80, #5-76/80, #6-77/80: All AD's Reviewed and complied with through AD Release# 2020-19... Removed LH 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

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 (L) 289951-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 3767 4 ENG TT (L) 1717 9 TSMO (H) (L) 787 6 HOBBS 1717 9
Left 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, #2-72/80, #3-76/80, #4-72/80, #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: 		Work Order 4458	
	Alberto Rossi Certified Repair Station No ZRSR378L		Printed by EBis 3 (datcomedia.com)	



HIGH DESERT AVIATION, LLC
4025 SW AVIATION BLVD, PRINEVILLE, OR 97754

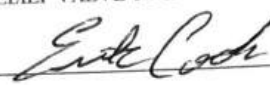
541-447-1822

hdaviation7@gmail.com

DATE: 06/30/2022

AIRCRAFT: N807TH, BEECHCRAFT BE58 BARON, HOBBS: 1722.7

REMOVED AND RE-INSTALLED LEFT ENGINE OIL PRESSURE RELIEF VALVE TO INSPECT FOR CONTAMINATION. TEST RAN ENGINE.

RETURNED AIRCRAFT TO SERVICE. ERIK COOK AP3023411 **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: 298951-R
Aircraft Data: Beech model 58 serial number: TH-807 N807TH Year: 1977 LH

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 277966 FAA CRS#DD2R764K, TCM s/n 1029712N

connecting rods(6): magnafluxed, inspected, dimensionally checked, and certified by Barrett Precision Engines of Tulsa, OK w/o 12865 FAA CRS#Q8RR231Y.

COMPONENTS CONTINUED

internal steel: cleaned, magnafluxed, inspected, and certified by Aircraft Specialties of Tulsa, OK w/o 277965 FAA CRS#DD2R765K

camshaft: p/n 654084 - magnafluxed, inspected, reground to new limits, and certified by Aircraft Specialties of Tulsa, OK w/o 277966 FAA CRS#DD2R764K.

hydraulic valve lifter assemblies: intake p/n 628488, exhaust p/n 646277 - 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 #646200, match #C79510R - zyglod, inspected, repaired, surfaced, align-bored, stress relieved, and certified by DIVCO of Tulsa, OK w/o WDC# 134048 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 12865 FAA CRS#Q8RR231Y.

ACCESSORIES

magneto(LH): p/n BL-349350-4, s/n F05DA046R, 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 F05DA12r, mfg. CMI/Bendix - inspected, repaired, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 2455B FAA CRS#S9QR340N.

oil cooler: p/n 8000960, s/n 2083883 - inspected, new, tested, and certified by Aero-Classic w/o 2083883 Authorization #319519216.

alternator: p/n C28-150, s/n H-U071331 - inspected, and tested by Aircraft Accessories of Tulsa, OK w/o 5686812FAA CRS#RV3R928L.

drive coupling: p/n 646655 - cleaned, inspected, and tested by Aircraft Accessories of Tulsa, OK w/o 56813 FAA CRS#RV3R928L.

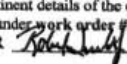
fuel injection system: p/n 649052A4-1R mfg. TCM - inspected and bench tested by Mike A/C Fuel Metering Service of Tulsa, OK w/o 33004 FAA CRS#HK2R875K.

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 vernier 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 #MPCD12OP2
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-2454 by Mena Aircraft Engines, Inc. of Mena, AR  #2549814 February 28, 2024

DATE

TOTAL
TIME
INTOTAL
TIME
SINCETACH OR
RECORDING
METERDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

forward from previous page

Airworthiness Directives complied with

#79-05-09	oil pressure valve	c/w by installation new 642735A1 kit
#86-13-04 R3	cylinders	n/a by engine serial number
#87-14-02	starter adapter	n/a by inspection, has flat top style adapter
#88-03-06	oil filter	c/w by installation of new correct oil filter
#88-17-03	starter adapter	n/a by inspection and starter adapter type
#91-19-03	oil filter	c/w by installation of new correct oil filter
#93-08-17	oil pick-up tube	n/a by engine model designation
#93-10-02	valve keepers	c/w by inspection, all valve keepers installed
#93-16-15	fuel pump coupling	c/w by installation of new correct pin 653399
#95-21-15	engine time down	c/w by complete engine overhaul
#96-12-22	oil filter adapter	n/a by inspection, has flat top style adapter
#97-26-17	crankshaft	c/w by inspection, has VAB crankshaft
#98-01-08	roller rocker arms	n/a by inspection, has genuine TCM roller arms
#98-17-11	crankshaft	n/a by inspection and date parameters
#99-19-01	crankshaft	n/a by inspection and date parameters
#99-23-21	crankshaft	c/w by inspection, s/n 1029712N
#99-19-07	TCM/EQ1 cylinders	n/a by inspection,
#10-11-04	valve lifters	n/a by part numbers, has pin 6284888 and pin 646277
#12-03-06	A/F5 diaphragms	c/w by inspection, A/F5 diaphragms not installed
#16-16-12	ECI cylinders	n/a by inspection
#23-02-12	intake valve	c/w by inspection, none found
#23-06-16	cvt. rings	c/w by inspection, has proper installation

Mena Aircraft Engines, Inc. - FAA CRS#59QR340N - w/o 2454 *Robt. Rossi* #2549814 02/28/2024

ENGINE MODEL:
IO-520CB7B
ENGINE S/N (L): 289951-R
REG NO: N807TH
WORK ORDER: 4782

Rossi Aircraft, Inc.

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

DATE: 4/3/2024
A/C TSN: 3787 8
ENG TT (L): 1738 3
TSMOH (L): 0
HOBBS: 1738 3

Left Engine Entries

Removed LH engine IO-520-CB s/n 289951-R to be sent out for overhaul to Mena Aircraft Engines.... Installed LH engine IO-520-CB s/n 289951-R after overhaul by Mena Aircraft Engines on WO# 2454.... Performed and completed an Annual Inspection IAW Manufacturers MM & FAR Part 43 Appendix D.
Serviced with 12 Qts of 20W50 Phillips 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.... All AD's Reviewed and complied with through AD Release# 2024-05

I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 4/3/2024

SIGNED:

Work Order: 4782

Alberto Rossi
Certified Repair Station No. ZRSR378L

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ENGINE MODEL:
IO-520CB7B
ENGINE S/N (L): 289951-R
REG NO: N807TH
WORK ORDER: 5267

Rossi Aircraft, Inc.

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

DATE: 5/20/2025
A/C TSN: 3798.5
ENG TT (L): 1749
TSMOH (L): 10.7
HOBBS: 1749

Left 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 11 Qts of 20W50 M Phillips 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, #2-78/80, #3-76/80, #4-78/80, #5-77/80, #6-78/80.... All AD's Reviewed and complied with through AD Release# 2025-11

I Certify that this Engine has been inspected with an Annual Inspection and has been determined to be in airworthy condition.

DATE: 5/20/2025

SIGNED:

Work Order: 5267

Alberto Rossi
Certified Repair Station No. ZRSR378L

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TOTALS—Carry forward to next page

