

N 232 VC
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4124 -

5/97 -



The Standard

ENGINE LOG

ASA-EE-2



The Standard
ENGINE LOG

ASA-SE-2

The Standard Engine Log
SE-2

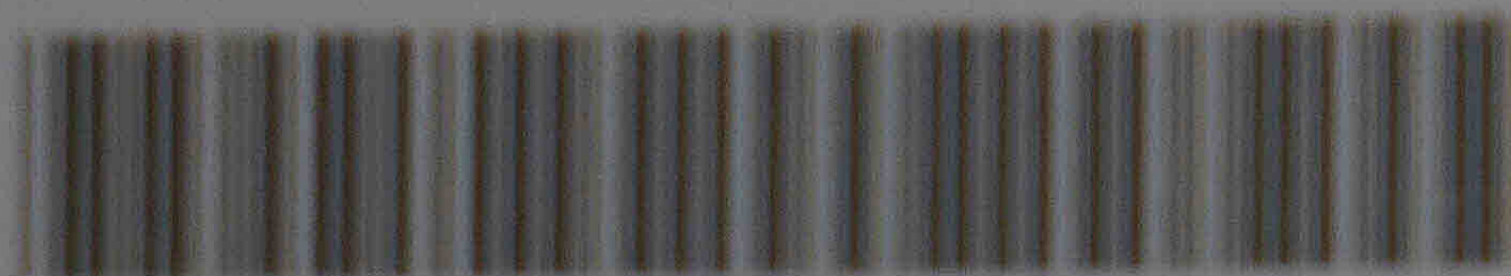
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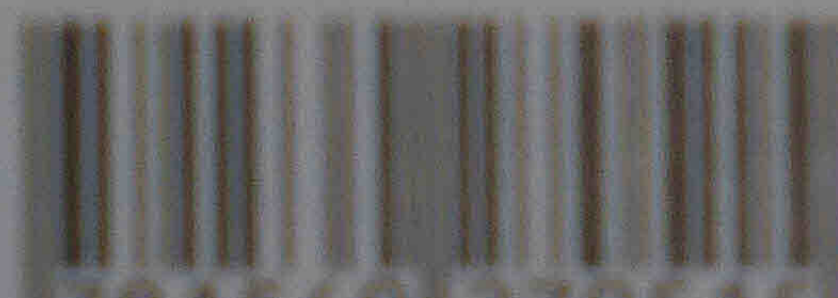
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PNR ASA-SE-2



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Engine Record General Information

Manufacturer Continental

Model IO-520 BB 6B

Serial 274 678-R

Type Certificate

This engine is currently installed in aircraft: N 222VC

Minimum Octane Fuel

Oil Grade Summer

Winter

Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at _____ **hours**

Registered Owner Record

Name _____	Address _____
City _____	State _____
Name _____	Address _____
City _____	State _____
Name _____	Address _____
City _____	State _____
Name _____	Address _____
City _____	State _____
Name _____	Address _____
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City _____	State _____
Name _____	Address _____
City _____	State _____
Name _____	Address _____
City _____	State _____

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
1997				<p>5-10-97 Tach 4124⁹⁹ hrs. Changed oil and oil filter. Installed new oil filter CH 48109, installed 11 quarts of 100 oil. Performed compression check... #1-76, #3-78, #5-75, #2-79, #4-78, #6-77. Pressure checked exhaust system. Replaced right exhaust header pipe and gaskets with new from Knisley. Installed serviceable spinner rear bulkhead. Replaced #4 valve cover gasket. Installed new spark plugs. Ground run aircraft - no leaks evident. Generated A.D. Listing. I certify that I have inspected this engine in accordance with current FAR's for an annual inspection and have found it to be airworthy.</p>
				<p>GARY ERDMAN A&P 560785343 AI <i>Gary Erdman</i></p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>97</u>	TACH	41545		CHANGE OIL & FILTER
				11 OTR A/S 100 OK
				RUN-UP CHECK OIL LEAKS OK
				OWNER 1545925 560-39-5490
2/17	TACH	4170		OIL & FILTER
				11 OTR AS 100 OK
				RUN-UP OK
				OWNER 1545925
				560-33-5490


DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO 520 BB	PACIFIC AERO MODS		W/O 98124
S/N	274678-R	25214 Wheeler Rd. Newhall, Ca. 91321		TACH 4185.8
"N" NUMBER	N222VC	LOGBOOK INSERT 8-4-98		SMOH 1215.5
<ul style="list-style-type: none"> • Oil changed 12 qts Aeroshell 100W & CH 48109 • Filter cut & inspected • Spark plugs cleaned & gapped • Injector nozzles ultrasonic cleaned • Compression: 1) 75/80; 2) 75/80; 3) 70/80; 4) 72/80; 5) 70/80; 6) 74/80 				
<p>This engine has been inspected in accordance with an ANNUAL inspection and is found to be in an Airworthy condition.</p>				
<p style="text-align: center;"><i>Jeffrey Meier</i> Jeffrey Meier A&P 567704643 IA</p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO520BB	PACIFIC AERO MODS 25214 Wheeler Rd. Newhall, Ca. 91321	W/O 99102
S/N	674678-R		TACH 4214.6
"N" NUMBER	N222VC	LOGBOOK INSERT 1-12-99	SMOH 1244.3
<ul style="list-style-type: none"> Oil Changed 12 qts Aeroshell 15W50 & CH 48109 filter 			
 Jeffrey Mori A&P 567704643 IA			

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO-520-BB	PACIFIC AERO MODS 24508 Arcadia St. Newhall, Ca. 91321	W/O 99131
S/N	274678-R		TACH 4255.0
"N" NUMBER	N222VC	LOGBOOK INSERT 9-7-99	SMOH 1284.7
<ul style="list-style-type: none"> • Spark plugs cleaned & gapped • Oil changed 12 qts Aeroshell 100W & CH 48109 filter • Filter cut & inspected: No abnormal contaminants • Compression: 1) 65/80; 2) 63/80; 3) 74/80; 4) 74/80; 5) 73/80; 6) 72/80 			
<p>This engine has been inspected in accordance with an ANNUAL inspection and is found to be in an <i>Airworthy</i> condition</p>			
 Jeffrey Moir A&P 567704643 IA			

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO 520BB	PACIFIC AERO MODS		W/O 20015
S/N	275678-R	24508 Arcadia St. Newhall, Ca. 91321		TACH 4280.3
"N" NUMBER	N222VC	LOGBOOK INSERT 4-5-00		SMOH
<ul style="list-style-type: none"> Oil Changed 12 qts Aeroshell 100W oil & CH 48109 filter 				
<p style="text-align: center;"><i>Jeffery Moir</i> Jeffery Moir A&P 567704643 IA</p>				


MODEL	IO 520BB	PACIFIC AERO MODS		W/O 20030
S/N RIGHT	274678-R	24508 Arcadia St. Newhall, Ca. 91321		TACH 4323.0
"N" NUMBER	N222VC	LOGBOOK INSERT 8-16-00		SMOH 1352.7
<ul style="list-style-type: none"> Oil Changed 12 qts Aeroshell 100W oil Filter cut & inspected: NO abnormal contaminants All screens checked Spark Plugs cleaned & gapped Compression: 1) 78/80; 2) 74/80; 3) 73/80; 4) 75/80; 5) 74/80; 6) 76/80 				
<p style="text-align: center;">This ENGINE has been inspected in accordance with an ANNUAL inspection and is found to be in an Airworthy condition</p>				
<p style="text-align: center;"><i>Jeffery Moir</i> Jeffery Moir A&P 567704643 IA</p>				

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

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				<p>2-1-02 N322VC</p> <p>TACH 4401⁸² HRS</p> <p>CHANGED OIL AND FILTER.</p> <p>INSTALLED 10 QTS A/S 15-50 OIL AND A NEW FILTER.</p> <p><i>Gary Erdman</i></p> <p>GARY ERDMAN A&P 560785343 AI</p>

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


MODEL	IO 520B	PACIFIC AERO MODS		W/O 21001
		24508 Arcadia St.		
S/N		Newhall, Ca. 91321		TACH 4339.0
"N" NUMBER	N222VC	LOGBOOK INSERT		SMOH
		1-4-01		
Oil & filter changed 12 qts Aeroshell 15W50 & CH 48109				
 Jeffery Moir A&P 567704643 IA				

MODEL	IO 520BB	PACIFIC AERO MODS		W/O 21014
		24508 Arcadia St.		
S/N	274678-R	Newhall, Ca. 91321		TACH 4339.0
"N" NUMBER	N222VC	LOGBOOK INSERT		SMOH 1368.7
		9-6-01		
<ul style="list-style-type: none"> • Oil & filter changed, 12 qts Aeroshell 100W & CH 48109 • Filter cut and inspected: no abnormal contaminants • Spark plugs cleaned & gapped • Compression: 1) 74/80; 2) 74/80; 3) 73/80; 4) 78/80; 5) 75/80; 6) 76/80 				
 Jeffery Moir A&P 567704643 IA				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO 520BB	PACIFIC AERO MODS		W/O 20223
S/N	274678-R	24508 Arcadia St. Newhall, Ca. 91321		TACH 4453.7
"N" NUMBER	N222VC	LOGBOOK INSERT 11-20-02		SMOH 1483.4
<ul style="list-style-type: none"> • Checked fuel injection inlet screen • Adjusted idle speed & mixture • Oil changed 12 qts Aeroshell 15W50 & CH 48109 • Filter cut & inspected: NO abnormal contaminants • Spark plugs cleaned & gapped • Compression: 1) 78/80; 2) 75/80; 3) 77/80; 4) 76/80; 5) 78/80; 6) 75/80 				
<p style="text-align: center;">This engine has been inspected in accordance with an ANNUAL inspection and is found to be in an <i>Airworthy</i> condition</p>				
<p style="text-align: center;">  Jeffery Molr A&P 567704643 IA </p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MODEL	IO 520BB	PACIFIC AERO MODS	W/O 404
S/N	274678-R	24508 Arcadia St. Newhall, Ca. 91321	TACH 4485.1
"N" NUMBER	N222VC	LOGBOOK INSERT	SMOH 1514.8
3-2-04			
<ul style="list-style-type: none"> • Checked fuel injection inlet screen • Oil changed 12 qts Aeroshell 15W50 & CH 48109 • Filter cut & inspected: NO abnormal contaminants • Spark plugs cleaned & gapped • Replaced exhaust stud on #5 Cyl • Compression: 1) 70/80; 2) 73/80; 3) 77/80; 4) 76/80; 5) 75/80; 6) 74/80 			
<p>This engine has been inspected in accordance with an ANNUAL inspection and is found to be in an Airworthy condition</p>			
 Jeffery Moir A&P 567704643 IA			

4/1/05		OIL CHANGE	11 QTs	TACH 4505 AEROSHELL 15W50
		CH 48109		
		CUT FILTER	NO	ABNORMAL CONT.
		OWNER	1545925	560-33-5490



Date 07/14/2006 N222VC Beechcraft E33A S/N CE273 TACH 4508.7 TTAF 4508.7
 Engine TCM IO-520-BB S/N 274678-R TSO 1538.4

Performed Annual inspection IAW FAR 43 Appendix D. Performed compression checks as follows: #1 70/80, #2 71/80, #3 70/80, #4 70/80, #5 70/80, #6 74/80. AD2005-12-06 impulse coupling failure is N/A by engine model. Re-torqued left exhaust retaining springs for proper spring tension. Ground ran aircraft leak and ops check good.

I certify this airframe was inspected IAW FAR 43 Appendix D and a Beechcraft E33A /TCM Annual Inspection check list and is found to be in an airworthy condition and returned to service.

[Signature]
 IA 521989005 John McClelland
 Grand Valley Aircraft Services, 2868 Navigators Way, Grand Junction, CO 81506
 Ref. WO # 06-0127

3/7	OIL CHANGE	11 @TR	AERO SHELL 15/50
TACH	4512	CUT FILTER	LOOK GOOD
OWNER	1545925	540-33-5490	

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



Date 03/03/2008 N222VC Beechcraft E33A S/N CE273 TACH 4521.7 TTAF 4521.7
 Engine TCM IO-520-BB S/N 274678-R TSO 1551.4

Performed Annual inspection IAW FAR 43 Appendix D. Performed compression checks as follows: #1 68/80, #2 70/80, #3 72/80, #4 70/80, #5 68/80, #6 75/80. Drained oil, inspected filter, no metal found. Installed new CH48109-1 filter and serviced with 11 quarts of aeroshell 15W-50 oil. AD2007-04-19R1 cylinder separation is N/A by equipment not installed. Replaced 6 each exhaust gaskets with P/N 652458. Replaced induction air filter with P/N BA7112. Ground ran aircraft leak and ops check good.
I certify this airframe was inspected IAW FAR 43 Appendix D and a Beechcraft E33A /TCM Annual Inspection check list and is found to be in an airworthy condition and returned to service.

 IA 521989005 John McClelland
 Grand Valley Aircraft Services, 2868 Navigators Way, Grand Junction, CO 81506
 Ref. WO # 08-0312

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/6/2010	N222VC	Beechcraft E33A	S/N CE273 AFTT: 4527.0 TSO: 1556.7	
Engine IO-520-BB		S/N 274678-R		
C/W Annual inspection IAW FAR 43 Appendix D. Compression Test: #1 68/80 #2 72/80 #3 75/80 #4 75/80 #5 75/80 #6 75/80. R&R Oil Filter with CH48109-1. Service with 10 Qts XC20W50. Run Up. OPS and Leak Check Satisfactory. I certify that I have inspected this engine IAW an ANNUAL inspection and have determined it to be in an airworthy condition.				

Bridget Royston

Bridget Royston 5246151781A

8/11/10	4571.0		TSO: 1600.7	Drained oil & inspected filter contents, no debris found. Serviced with 10 qts XC 20W50 oil, installed new Champion CH48109 filter. Leak check O.K. <i>See Log 93485082 AOP</i>
8/11/11	4606.7		TSO: 1636.4	Drained oil, inspected filter contents. no debris found. Serviced with 10 qts XC 20W50 oil, installed new champion CH48109 filter. Leak check O.K. <i>See Log 93485082 AOP 74</i>

DATE 2011 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/20/11	4619.5		4619.5	<p>TSM at 1649.2 Removed alternator P/N ACX 9424 S/N AX000020 and installed P/N ACX 9524R S/N H-L031832 overhauled unit by Hartzell engine technologies CRSA 14ZR769B Ops & Leak ch O.K. Installed new Brackett P/N BA 7112 air filter element. Performed 500 hour inspection of Left and Right Magneto's IAW TCM Master Service manual para 6.2.3 installed new capacitor P/N KA10-400615 in Right Magneto. Ops ch and Leak ch O.K.</p>
7/20/11	4631.3		4631.3	<p>TSM at 1661.0 I certify that I have inspected this engine IAW an annual inspection and found it to be in an airworthy condition. Compressors #1-76 #2-76 #3-76 #4-76 #5-76 #6-74</p>

93485052 APTA
APT PA

DATE 2011 15	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/10/11	4641.1	TS/04	1670.8	Drained oil and inspected filter contents - no debris - Serviced with 10 qts 20W-50 XC Oil. Installed new champion CH48109 filter. Leak check O.K. <i>[Signature]</i> 93485082 AOP PA
5/10/12	4677.0	TS/04	1708.7	Drained oil and inspected filter - no debris - serviced with 10 qts 20-50XC oil. Installed new champion CH48109 filter. Leak check O.K. <i>[Signature]</i> 93485082 AOP PA
7/21/12	4,682.2	TS/04	1713.9	I certify that I have inspected this engine IAW an annual inspection and found it to be in an airworthy condition. Oil compressions 76/80. <i>[Signature]</i> 93485082 AOP PA.
1/30/13	4,708.2			Drained oil and inspected oil filter - no debris found. Serviced with 10 qts 20/50 XC oil and installed new tempest AA 48109 filter. Leak check O.K. <i>[Signature]</i> 93485082 AOP PA

DATE 192013	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/1/13	4741.5		4741.5 TSMT 1,773.2	Drained oil & inspected filter contents, no debris found. Serviced with 10 qts 2/c 20 50 oil and new AA 48109 filter. Leak check O.K. Checked compressions all cylinders 75/80. I certify that I have inspected this engine IAV in annual inspection and found it to be in an airworthy condition. <i>[Signature]</i> 93485082 AOP FA
10/28/13	4783.0		4783.0 TSMT 1,814.7	Drained oil & inspected filter contents, no debris found. Serviced with 10 qts 2/c 20/50 oil and new AA 48109 filter. Leak check O.K. <i>[Signature]</i> 93485082 AOP FA