



Millennium Engine

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer TCM

Model IO 520BB

Serial No. 578544

Date installed on aircraft _____

Time Between Overhauls (TBO) _____

If used on multi-engine aircraft:





☐ RIGHT

☐ LEFT

☐ FRONT

☐ REAR

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK																														
<div>POWERMASTER AIRCRAFT ENGINES</div>		<div>9027 S. Airport Way Jones/Riverside Airport Tulsa OK 74132 918-299-0269 FAA CRS # P46R287Y</div>																														
<div>Engine Overhaul Record Superior Millennium Engine</div> <div><div>Engine Make: Continental</div><div>Model: IO-520BB</div><div>Serial Number: 578544</div><div>PAE Work Order # 1971</div><div>Date of Overhaul: 5-1-2002</div><div>Total Time: TSMOH : "0"</div></div> <div><p>This entry certifies that this engine has been overhauled to manufacturers new part tolerances. This engine was disassembled, cleaned, inspected, overhauled and tested in accordance with TCM manual # X30624A. New parts count exceeds that set forth in TCM Service Bulletin 97-6, Mandatory Replacement Parts. All AD's and TCM mandatory service bulletins have been complied with.</p><p>The following accessories were overhauled and installed on this engine at the time of overhaul:</p><table><thead><tr><th>Component</th><th>Part Number</th><th>Serial Number</th></tr></thead><tbody><tr><td>LH Magneto:</td><td>6310 (New)</td><td>02030379</td></tr><tr><td>RH Magneto:</td><td>6310 (New)</td><td>02031164</td></tr><tr><td>Fuel Pump:</td><td>632818-11</td><td>C279119BR</td></tr><tr><td>Flow Divider:</td><td>631427-2A14</td><td>H048909C</td></tr><tr><td>Control Valve:</td><td>6629904-2</td><td>H048905A</td></tr><tr><td>Oil Cooler:</td><td>635996</td><td>1276/00313-4</td></tr><tr><td>Starter:</td><td>646275-1</td><td>B101080</td></tr><tr><td>Alternator:</td><td>649304R</td><td>H109310.OR</td></tr><tr><td>Governor:</td><td>C290D3K/T23</td><td>880718</td></tr></tbody></table><div><p>New Major PMA component parts. RAM Camshaft, PN1058-1A SN-F01044 Superior Millennium Cylinders.</p><p>The engine and accessories identified above were inspected and overhauled in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Details of this overhaul are on file at this repair station under Work Order # 1971.</p><div><div>Signature</div><div>FAA CRS #P46R287Y</div></div></div></div>			Component	Part Number	Serial Number	LH Magneto:	6310 (New)	02030379	RH Magneto:	6310 (New)	02031164	Fuel Pump:	632818-11	C279119BR	Flow Divider:	631427-2A14	H048909C	Control Valve:	6629904-2	H048905A	Oil Cooler:	635996	1276/00313-4	Starter:	646275-1	B101080	Alternator:	649304R	H109310.OR	Governor:	C290D3K/T23	880718
Component	Part Number	Serial Number																														
LH Magneto:	6310 (New)	02030379																														
RH Magneto:	6310 (New)	02031164																														
Fuel Pump:	632818-11	C279119BR																														
Flow Divider:	631427-2A14	H048909C																														
Control Valve:	6629904-2	H048905A																														
Oil Cooler:	635996	1276/00313-4																														
Starter:	646275-1	B101080																														
Alternator:	649304R	H109310.OR																														
Governor:	C290D3K/T23	880718																														

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
27 June 2002, Tach. 1794.1, TSMOH "0.0", Engine Total Time 1794.1 Installed in N222JW		<p>Installed this engine in N222JW following major overhaul, Ref. Powermaster Aircraft Engines W.O. 1971, dated 05/01/02. Engine was serviced full w/Aeroshell 100 mineral oil for break-in. Engine was ground run and the following adjustments made:</p> <ul style="list-style-type: none"> • Adjusted idle speed & mixture • Adjusted full power fuel flow per Powermaster Instructions (31.0 gph) • Ground runs were normal, no oil or fuel leaks were noted. <p>Engine break-in to be completed by the owner/operator. Engine should be inspected for leaks & general condition following initial flight. Additional adjustments may be required, refer to Powermaster Engines Instructions. All AD's checked thru 2002-12. END ENTRY</p> <p> Robert J. Loughlin, A&P 115628415</p>
06/27/02, Tach. 1794.1, TSMOH "0.0" Installed in N222JW		<p>I certify that this Engine has been inspected in accordance with an Annual Inspection and it was determined to be in Airworthy Condition. All AD's checked thru 2002-12. END ENTRY</p> <p> Robert J. Loughlin, IA 115628415</p>
<i>Exodus Air Service</i>	(661) 942-6489	4555 West Ave "G" (WJF) Lancaster, California 93536
Date 09/11/2002 TSMO	Tach 1836.0 Hrs. TSTO	Aircraft N222JW ACTT
<p>Changed oil and filter, filter cut open-no abnormal debris noted, serviced 10 Qts. Aeroshell 100 mineral oil, ground ran for leak check-good. Removed and replaced baffle seal material on aft baffle. Aircraft returned to service.</p>		
<p> Michael Haney 569130095 A&P/IA</p>		
<i>Exodus Air Service</i>	(661) 942-6489	4555 West Ave "G" (WJF) Lancaster, California 93536
Date 10/15/2002 TSMO	Tach 1848.4 Hrs. TSTO	Aircraft N222JW ACTT
<p>Installed General Aviation Modifications, Inc. #2 and #6 cylinders baffle assemblies G35-910039-41/200-1-3 and LH and RH Louver assemblies BON-901/BON-902 under the already installed STC 5223NM in accordance with the manufacturers installation instructions and drawings with reference to AC43.13. No change to weight and balance.</p>		
<p> Michael Haney 569130095 A&P/IA</p>		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10/15/02	1849	OIL change, 10g Shell 1550, Filter change, no metal idol, or analysis <i>Handwritten signature</i>

Exodus Air Service

(661) 942-6489

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 7/1/2003
TSMO 109.4 Hrs.

Tach 1903.5 Hrs.
TSTO

Aircraft N222JW
ACTT

Compression check #1=78/80, #2=76/80, #3=72/80, #4=76/80, #5=76/80, #6=79/80. Cleaned all fuel injector nozzles, cleaned, gapped and tested all spark plugs, checked magneto timing-good. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition.

Michael Haney
Michael Haney
569130095 A&P/IA

Date 7/1/03 Tach 1903.5 Hrs.
TSTO

I certify that the engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. CONTINENTAL service manual.

Signed: *Michael Haney* 569130095A

7/1 OIL change, 10g Shell 1550, Filter change, clean

Tach time 1904

1/4/04 Tach 1963

OIL + Filter change, clean, 15-00 Shell 1550, Filter change, clean

6/21/04 2011 hrs Oil change, analysis 217h TSMO, Filter and green - clean

Exodus Air Service

(661) 942-6489

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 08/04/2004
TSMO 228.0 Hrs.

Tach 2022.1 Hrs.
TSTO

Aircraft N222JW
ACTT

Compression checks #1=77/80, #2=76/80, #3=76/80, #4=78/80, #5=76/80, #6=76/80, cleaned, gapped and tested all spark plugs, cleaned fuel injector nozzles, installed Turbo Alley Turbo, Inc. "Rammer" intercooler upgrade under the original Turbo STC5223NM with reference to the installation instructions and dwg FT-B8.5/1-03 figures 22, 43 43A and dwg ETI-B-650 on landing light modification and supplement "R" on the pressurization of Slick magnetos. Form 337 submitted, no change to weight and balance/equipment list. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition.

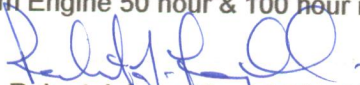
Michael Haney
Michael Haney
569130095 A&P/IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/4/04	228.0 hrs	2022.1 hrs 426/05 Tach 2050 119 Anso 15150 O.L. Δ, Filter and gas, clean <i>Hull</i>
<p>I certify that this aircraft engine has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in air worthy condition per applicable <u>Continental</u> service manual.</p> <p>Signed: <i>Michael Heng</i> 539130095/H</p>		
<p>11/06/2005, Tach. 2136.0, TSMOH 341.9, Installed in N222JW</p> <p>Removed, cleaned, gapped & tested all sparkplugs & reinstalled (rotated). Performed warm compression check; #1 74/80, #2 76/80, #3 71/80, #4 76/80, #5 76/80, #6 78/80. Cut open & inspected previous oil filter as supplied by the owner/operator, no defects noted. Removed, ultrasonically cleaned all fuel injectors and reinstalled w/all new seals in their original position as charted during removal. Replaced crankshaft seal w/new seal P/N SA 641250. Engine ground run normal. No leaks noted. I certify that this Engine has been inspected in accordance with an Annual Inspection and it was determined to be in Airworthy Condition. This engine has also been inspected in accordance with the Millenium Engine 50 hour & 100 hour inspection checks. All AD's checked thru 2005-20</p> <p><i>Robert J. Loughlin</i> Robert J. Loughlin, A&P/IA 115628415 Antelope Valley General Aviation Services 1122 Flightline, Bldg. 76 (661) 824-4359</p>		
8/6/06	2196	oil change, Anso 15150, Filter clean <i>Hull</i> 403 TSMOH
<p>03/30/2006, Tach. 2147.7, TTAF 2147.7, Reg. N222JW</p> <p>Removed & reinstalled the propeller to facilitate replacement of the crankshaft seal w/new seal P/N SA641250 and compliance with TCM Service Bulletin M76-4. Reinstalled propeller w/new O-ring seal. Torqued prop bolts to 45 ft. lbs.</p> <p><i>Robert J. Loughlin</i> Robert J. Loughlin, A&P/IA 115628415 Antelope Valley General Aviation Services 1122 Flightline, Bldg. 76 (661) 824-4359</p>		
<p>11/11/2006, Tach. 2238.4, TSMOH 444.3, Installed in N222JW</p> <p>Removed, cleaned, gapped & tested all sparkplugs & reinstalled (rotated). Performed warm compression check; #1 68/80, #2 74/80, #3 75/80, #4 77/80, #5 76/80, #6 74/80. Removed, ultrasonically cleaned all fuel injectors and reinstalled w/all new seals in their original position as charted during removal. Engine ground run normal. No leaks noted. I certify that this Engine has been inspected in accordance with an Annual Inspection and it was determined to be in Airworthy Condition. This engine has also been inspected in accordance with the Millenium Engine 50 hour & 100 hour inspection checks. All AD's checked thru 2006-21</p> <p><i>Robert J. Loughlin</i> Robert J. Loughlin, A&P/IA 115628415 Antelope Valley General Aviation Services 1122 Flightline, Bldg. 76 (661) 824-4359</p>		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3/12/07	2266	Oil change - AeroShell 15/50, 473L TSMOH Filter clean <i>[Signature]</i>
8/29/07	2350	Oil change - AeroShell 15/50, 557L TSMOH, Filter clean <i>[Signature]</i>

11/06/2007, Tach. 000.0, TSMOH 586.9, Installed in N222JW

Replaced all spark plugs w/new spark plugs. Performed warm compression check; #1 76/80, #2 76/80, #3 74/80, #4 76/80, #5 76/80, #6 73/80. Removed, ultrasonically cleaned all fuel injectors and reinstalled w/all new seals in their original position as charted during removal. Removed both magnetos and reinstalled same following 500 hr. inspection (Ref. Aero Accessories W.O. 28145 & 28146, dated 10/31/2007). Set ignition timing to 22 deg. BTC. Engine ground run normal. No leaks noted. I certify that this Engine has been inspected in accordance with an Annual Inspection and it was determined to be in Airworthy Condition. This engine has also been inspected in accordance with the Millenium Engine 50 hour & 100 hour inspection checks. All AD's checked thru 2007-21



Robert J. Loughlin, A&P/IA 115628415

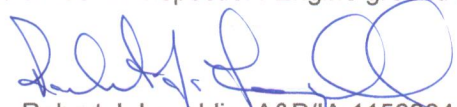
Antelope Valley General Aviation Services 1504 Flightline, Bldg. 70 (661) 824-4359

2/18/08	23	Total Tach 2381.4 + 23, 609 TSMOH, 54 hrs on oil Oil change, AeroShell 15/50, Filter clean <i>[Signature]</i>
		473 + 139 hrs + Tach = TSMOH (Tach + 612)
2/28/08	0	New Tach : Add 2381.4 + 24 = 2405 to total time
9/28/08		AeroShell 15/50 11qt, oil change, Filter clean <i>[Signature]</i>

12/10/2008, Tach. 87.6, TTAf 2492.5, Reg. N222JW

Drained engine oil and reserviced full w/Aeroshell 15W-50 oil. Removed oil filter, cut-open and inspected, no abnormalities noted. Installed new oil filter P/N CH48109-1. Took oil sample for analysis, results pending. Removed, cleaned, gapped and tested all spark plugs, rotated and reinstalled same. Removed all fuel injectors and reinstalled same w/all new seals following ultrasonic cleaning. Performed warm compression check with results as recorded herein; #1 78/80, #2 78/80, #3 77/80, #4 76/80, #5 78/80, #6 78/80. I certify that this Engine has been inspected in accordance with an Annual Inspection and it was determined to be in Airworthy Condition. All AD's checked thru 2008-25. This Engine has also been inspected in accordance with the Millenium Engine 50 & 100 hr. inspection. Engine ground run normal, no leaks noted.

END ENTRY



Robert J. Loughlin, A&P/IA 115628415

Antelope Valley General Aviation Services LLC 1504 Flightline, Bldg. 70 Mojave, CA 93501 (661) 824-4359

7/8/09		Oil change, AeroShell 15/50, Filter clean <i>[Signature]</i>
--------	--	---

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Date: <u>August 4, 2009</u> Registration #: <u>N222JW</u></p> <p>Replaced the following circuit breaker type switches with correct dash number circuit breaker switches, to comply with AD. These switches have been supplied by the customer. Nav, Vent Blower, Pitot, Strobe, Beacon, Taxi Light, Landing Light, and Alternator field. No change in weight and balance.</p> <p><i>Jeff Landon</i> Jeff Landon High Desert Avionics Repair Stn. HD7R252J</p>

MH Aviation, Inc.

(805) 341-2025

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 08/28/2009**TSMO** 755.7 Hrs.**Tach** 168.8 Hrs.**ACTT** 2573.7 Hrs.**Aircraft** N222JW

Removed and replaced #3 cylinder with new ECI nickel cylinder using all new gaskets and seals-work performed in accordance with the Continental Service and parts manuals, cleaned all fuel injector nozzles and reinstalled with new o-ring seals, cleaned, gapped and tested all spark plugs, replaced all rocker cover gaskets with silicone type, changed oil and filter and serviced with 12 Qts. Aeroshell 100 mineral oil, washed down engine, performed ground and flight break-in procedure, engine returned to service

Michael Haney
Michael Haney
2839678 A & P/IA

MH Aviation, Inc.

(805) 341-2025

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 01/08/2009 ~~2010~~**TSMO** 786.0 Hrs.**Tach** 199.1 Hrs.**ACTT** 2604.0 Hrs.**Aircraft** N222JW

Compression checks #1=72/80, #2=76/80, #3=76/80, #4=78/80, #5=78/80, #6=76/80, cleaned, gapped and tested all spark plugs, ultrasonic cleaned fuel injector nozzles, changed oil and filter, serviced 12 Qts. Phillips 20W-50 with Cam-Gard, replaced air filter element, complied with AD2001-08-08 by replacement of V-band clamp on turbo down pipe with new part, replaced turbo wastegate oil hose fitting o-ring seals with new part-400207-0004S/400207-0006. Ground ran for leaks and ops check-good. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition. This engine was returned to service.

Michael Haney
Michael Haney
2839678 A & P/IA

Date: 1/8/10 Tach: 199.1 Hrs
Smo: 786.0 Hrs.

I certify that this aircraft / engine has been inspected in accordance with an ANNUAL inspection and was determined to be in a worthy condition per applicable CONTINENTAL service manual.

Signed: *Michael Haney* 2839678/IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7/20/11	253	Tach 253 TMSO 889 53 hrs a/c oil change oil filter clean Huf
11/25/11	304	Tach 304 TMSO 891 oil change Phillips XC 20V/50 + Cam guard oil filter clean Huf

MHC Aviation, Inc.

805.341.2025

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 02/08/2011
ACTT 2709.5 Hrs.

Tach 304.6 Hrs.
SMO 891.5 Hrs.

Aircraft N222JW
STOH

Compression checks #1=76/80, #2=78/80, #3=72/80, #4=78/80, #5=76/80, #6=76/80, cleaned all fuel injector nozzles and reinstalled with new o-ring seals, cleaned, gapped and tested all spark plugs, checked magneto timing, replaced air filter element with new unit. This engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and returned to service.

Michael Haney
Michael Haney
2839678 A & P

Date: 2/8/11 Tach: 304.6 Hrs.
T.T. 891.5 Hrs.

I certify that the engine has been inspected in accordance with the ANNUAL inspection and is determined to be in airworthy condition. CONTINENTAL
service man
Signed: *Michael Haney* 2839678 A & P

Date: March 01, 2012 Tach: 3210.4 Registration #: N222JW

Removed existing KA185 Serial#2410 for repair of several inop annunciator lamps. Sent unit to Mid Continent Instruments for repair. Reinstalled repaired KA185. No change in weight and balance. Reference invoice#186.

Jeff Landon
High Desert Avionics Inc.
Repair Stn. HD7R252J

9/28/11 357 Tach 357
oil change Phillips XC 20/50 W + Camguard
Huf

DATE

TACH OR
RECORDING
METER TIMEDESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK*MH Aviation, Inc.*

805.341.2025

4555 West Ave "G" (WJF)

Lancaster, California 93536

Date 03/09/2012
ACTT 2803.6 Hrs.Tach 398.7 Hrs.
SMO 985.6 Hrs.Aircraft N222JW
STOH

Compression checks #1=72/80, #2=76/80, #3=76/80, #4=77/80, #5=75/80, #6=77/80, cleaned, gapped and tested all spark plugs, ultrasonic cleaned fuel injection nozzles and reinstalled with new o-ring and washer seals, checked magneto timing, removed and replaced #2 cylinder EGT probe with new part. No oil change at this time. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and was returned to service.


 Michael Haney
 2839678 A & P

Date 3/9/12 Tach 398.7 Hr.
 SMO 985.6 Hr.
 I certify that this aircraft / engine has been
 inspected in accordance with an ANNUAL
 inspection and was determined to be in air
 worthy condition per applicable CENTRENTAL
 service manual.
 Signed: Michael Haney 2839678/A

5/14/12 409 OIL & Phillips XC 20/50 - Cam guard WJF

Date: July 16, 2012 Tach: 431.3 Registration #: N222JW

Replaced the KI256 with overhauled KI-256 Serial#11670.
 Replaced existing electric turn coordinator with new 1394T100
 -3Z electric turn coordinator Serial#D12-10709. No change in
 weight and balance. Reference invoice#358

Jeff Landon
 High Desert Avionics Inc.
 Repair Stn. HD7R252J

Date: Aug 22, 2012 Tach: 435.7 Registration #: N222JW

Replaced existing Altitude encoder with new Trans-Cal SSD-
 120 Serial#N18108, as per install manual#882188 Rev. C dated
 October 27, 2008. No change in weight and balance. Reference
 invoice#419


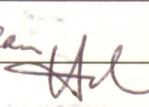
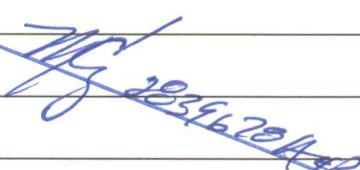
Jeff Landon
 High Desert Avionics Inc.
 Repair Stn. HD7R252J

11/23/12


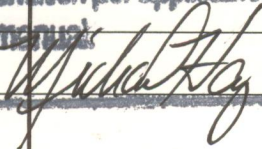
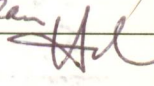

oil change
 Phillips XC 20/50
 - Cam guard
 Tach 459

oil filter clean

WJF

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	MFA Aviation, Inc. 805.341.2025	4555 West Ave "G" (WJF) Lancaster, California 93536
Date 05/09/2014 ACTT 2983.7 Hrs.		Tach 578.8 Hrs. SMO 1165.7 Hrs. Aircraft N222JW STOH
		<p>Compression checks #1=75/80, #2=76/80, #3=72/80, #4=78/80, #5=76/80, #6=77/80, installed all new spark plugs, checked magneto timing, cleaned fuel injector nozzles and reassembled in engine with new o-ring seals, changed oil and filter and serviced 11 Qts. Phillips 20/50 plus Cam Gard. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and was returned to service.</p> <p style="text-align: right;">  Michael Haney 2839678 A & P </p>
	SMO <u>TE 1165.7 Hrs.</u>	<u>Date 5/9/14 Tach 578.8 Hrs.</u> I certify that this aircraft / engine has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition per applicable <u>Continental</u> service manual. Signed: <u>Michael Haney 2839678/A</u>
10/20/14 646.6		Oil & Phillips 20/50 & Cam Guard, Filter Clean 
		<p style="text-align: center; color: blue;"> INTENTIONALLY LEFT BLANK  2839678/A </p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p><i>MH Aviation, Inc.</i> 805.341.2025</p> <p>4555 West Ave "G" (WJF) Lancaster, California 93536</p>		
Date 04/05/2013	Tach 483.7 Hrs.	Aircraft N222JW
ACTT 2888.6 Hrs.	SMO 1070.6 Hrs.	STOH
<p>Compression checks #1=73/80, #2=71/80, #3=70/80, #4=72/80, #5=72/80, #6=70/80, cleaned, gapped and tested all spark plugs, checked magneto timing, cleaned fuel injector nozzles and installed new o-ring seals. No oil change at this service. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and was returned to service.</p> <p><i>Michael Haney</i> Michael Haney 2839678 A & P</p>		
4/5/13	483.7 Hrs.	
1070.6		
<p>I certify that this aircraft/engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition per applicable <u>CONTINENTAL</u> service manual.</p> <p>Signature: <i>Michael Haney</i> 2839678 A & P</p>		
7/15/13	515	oil change Phillips XC 20/50 - Cam guard, Filter clean
<p>Date: August 13, 2013 Registration #: N222JW</p> <p>Removed autopilot pitch servo for repair. Reinstalled repaired pitch servo. No change in weight and balance. Reference invoice #875.</p> <p>Jeff Landon High Desert Avionics Inc. Repair Stn. HD7R252J</p>		
<p><i>MH Aviation, Inc.</i> 805.341.2025</p> <p>4555 West Ave "G" (WJF) Lancaster, California 93536</p>		
Date 08/12/2013	Tach 527.2 Hrs.	Aircraft N222JW
ACTT	SMO	STOH
<p>Removed and replaced starter drive adapter with overhauled unit p/n 642085A17, s/n LY41851 from Lycon Engine. Ground ran for ops and leak check-good. Engine returned to service.</p> <p><i>Michael Haney</i> Michael Haney 2839678 A & P</p>		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	<i>MH Aviation, Inc.</i> 805.341.2025	4555 West Ave "G" (WJF) Lancaster, California 93536
Date 05/09/2014 ACTT 2983.7 Hrs.		Tach 578.8 Hrs. SMO 1165.7 Hrs. Aircraft N222JW STOH
		<p>Compression checks #1=75/80, #2=76/80, #3=72/80, #4=78/80, #5=76/80, #6=77/80, installed all new spark plugs, checked magneto timing, cleaned fuel injector nozzles and reassembled in engine with new o-ring seals, changed oil and filter and serviced 11 Qts. Phillips 20/50 plus Cam Gard. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and was returned to service.</p> <p style="text-align: right;">  Michael Haney 2839678 A & P </p>
	SMO TE	<p> <u>Date</u> 5/9/14 <u>Tach</u> 578.8 Hrs. <u>TE</u> 1165.7 Hrs. I certify that this aircraft / engine has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition per applicable <u>Continental</u> service manual. Signed:  2839678/A </p>
10/20/14	646.6	Oil & Phillips XC 20/50 & Cam Guard, Filter clean 
		<p style="text-align: center;"> INTENTIONALLY LEFT BLANK  2839678/A </p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	------------------------------------	--

MK Aviation, Inc.
805.341.2025

4555 West Ave "G" (WJF)
Lancaster, California 93536

Date 06/26/2015
ACTT 3105.6 Hrs.

Tach 700.7 Hrs.
SMO 1287.6 Hrs.

Aircraft N222JW

Compression checks #1=75/80, #2=74/80, #3=75/80, #4=72/80, #5=75/80, #6=75/80, cleaned, gapped and tested all spark plugs, cleaned all fuel injector nozzles and reinstalled with new o-ring seals and rubber washers, removed LH/RH magnetos to perform 500 hours inspection, replaced contactors, capacitors, pressurized magneto kits, distributor block and rotor all with new parts and reinstalled on engine with new gaskets and timed 22* BTC, replaced air filter element with new part. Changed oil and filter, filter cut open-no abnormal debris noted, installed new filter and serviced 10 Qts. Phillips 20W50 XC. Complied with AD2014-05-29 on to prevent the separation of the cylinder head by initiation of Global AMOC provided by Superior Air Parts SB B14-01, paragraphs 1 through 4, approved by S. Frances Cox, Manager, Special Certification Office, ASW-190, Aircraft Certification Service, dated May 19, 2014 The inspections performed by this AMOC considered normal-next due tach=750.7 Hrs. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and returned to service. All work performed in accordance with the Continental service/parts manuals. ASI Gary E. Barnard at the Van Nuys FSDO, WP01, has been notified in accordance with the requirements of this AMOC on 6/26/2015.

Michael Haney
Michael Haney
2839678 A & P

Date 6/26/15 **Tach** 700.7 Hrs.

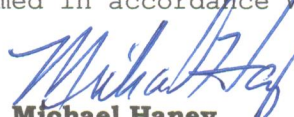
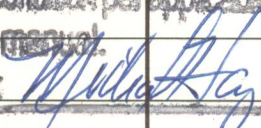
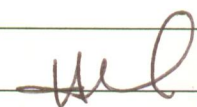

SMO 1287.6 Hrs.

I certify that this aircraft / engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition per applicable CONTINENTAL service manual.

Signed *Michael Haney* 2839678/A

4/2/16 770 hrs O.I.C A c Phillips XC 20150 c Cam guard
O.I.C analysis sent by Post office *Hsh*

4/26/16 New Sa Henry installed *Hsh*

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<i>MH Aviation, Inc.</i>		4555 West Ave "G" (WJF)
805.341.2025		Lancaster, California 93536
Date 07/11/2016 ACTT 3197.9 Hrs.	Tach 793.0 Hrs. SMO 1379.9 Hrs.	Aircraft N222JW
<p>Compression checks #1=75/80, #2=75/80, #3=78/80, #4=70/80, #5=75/80, #6=75/80, cleaned, gapped and tested all spark plugs, checked magneto timing, cleaned all fuel injector nozzles and reinstalled with all new seals, replaced air filter element, oil not changed at this time. Complied with AD2014-05-29 on to prevent the separation of the cylinder head by initiation of Global AMOC provided by Superior Air Parts SB B14-01, paragraphs 1 through 4, approved by S. Frances Cox, Manager, Special Certification Office, ASW-190, Aircraft Certification Service, dated May 19, 2014. The inspections performed by this AMOC considered normal-next due 843.0 hours. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and was returned to service. All work performed in accordance with the Continental service/parts manuals.</p>		
		 Michael Haney 2839678 A & P
Date: <i>7/11/16</i> SMO: <i>1379.9 Hrs.</i>	Tach: <i>793.0 Hrs.</i>	
<p>I certify that this aircraft / engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition per applicable <u>CONTINENTAL</u> service manual.</p>		
		Signature:  <i>2839678/A</i>
<i>11/16/16</i> <i>826</i>	<i>OIL A - Phillips XC 20/50 - Cam guard</i> <i>OIL filter after 110 hrs clean</i>	
		
<i>8/30/17</i> <i>882</i>	<i>OIL A - Phillips XC 20/50 - Cam guard</i>	
		

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	------------------------------------	--

MH Aviation, Inc.

4555 West Ave "G" (WJF)

805.341.2025

Lancaster, California 93536

Date 08/02/2017
ACTT 3274.1 Hrs.

Tach 869.2 Hrs.
SMO 1456.1 Hrs.

Aircraft N222JW

Compression checks #1=75/80, #2=72/80, #3=76/80, #4=76/80, #5=75/80, #6=76/80, cleaned, gapped and tested all spark plugs, cleaned fuel injector nozzles and installed with new seals, checked magneto timing, replaced air filter element, oil not changed at this time. Complied with AD2014-05-29 on to prevent the separation of the cylinder heads by inspection per the Global AMOC provided by Superior Air Parts SB B14-01, paragraphs 1 through 4, approved by S. Frances Cox, Manager, Special Certification Office, ASW-190, Aircraft Certification Service, dated May 19, 2014. The inspections performed by this AMOC considered normal-next due 919.2 Hrs. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and returned to service. All work performed with reference to the TCM IO520 service/parts manuals.

Jeffrey Haney
3210092 A & P

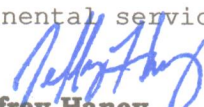
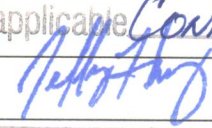
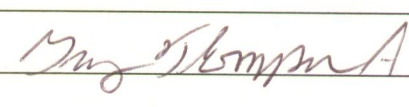
Date 8/2/17 869.2 Hrs

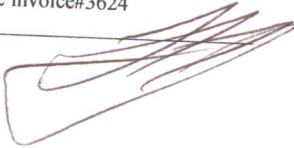
WNO 1456.1 Hz

I certify that this aircraft / engine 3 has been inspected in accordance with an Annual inspection and was determined to be in air worthy condition per applicable TCM service manual. 11-11-2

Signed

32100921A

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<i>MH Aviation, Inc.</i>		<div data-bbox="1127 231 1463 260" data-label="Text">4651 William Barnes Ave (WJF)</div> <div data-bbox="828 283 972 308" data-label="Text">661.948.7779</div> <div data-bbox="1143 283 1445 310" data-label="Text">Lancaster, California 93536</div>
Date 09/13/2018 ACTT 3363.3 Hrs.		<div data-bbox="777 340 1039 369" data-label="Text">Tach 958.4 Hrs.</div> <div data-bbox="1232 340 1472 369" data-label="Text">Aircraft N222JW</div> <div data-bbox="786 373 1058 403" data-label="Text">SMO 1545.3 Hrs.</div>
<p>Compression checks #1=75/80, #2=74/80, #3=75/80, #4=73/80, #5=75/80, #6=78/80 cleaned gapped and tested all spark plugs, checked magneto timings, cleaned all fuel injector nozzles and re-assembled with new seals, changed oil and filter, oil filter cut open-no abnormal debris noted, serviced 11 Qts. Phillips 20W-50. Complied with AD2014-05-29 on to prevent cylinder head separation by inspection per the Global AMOC provided by Superior Air Parts SB B14-01, paragraphs 1 through 4, approved by S. Frances Cox, Manager, Special Certification Office, ASW-190, Aircraft Certification Service, dated May 19, 2014. The inspections performed by this AMOC considered normal-next due 1008.4 Hrs. Ground ran engine for ops and leak check-good. I certify that this engine has been inspected in accordance with a 100 hours inspection and was determined to be in airworthy condition and returned to service. All work performed with reference to the Continental service/parts manual.</p> <div data-bbox="836 798 1096 945" data-label="Text">  Jeffrey Haney 3210092 A & P </div>		
Date <u>9/13/18</u> SMO <u>1545.3 Hrs.</u>	Tach/Hobbs <u>958.4 Hrs.</u>	I certify that this aircraft/engine has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition per applicable <u>CONTINENTAL</u> service manual. Signed  <u>3210092/A</u>
10-23-18	960.5	Replaced alternator with O/H alternator. <div data-bbox="812 1638 1494 1743" data-label="Text">  EP 3053772 </div>

DATE	TACH OR RECORDING METER TIME	<div style="text-align: center;"> DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK </div>
		<p>High Desert Avionics FAA Approved Repair Station#HD7R252J</p> <p>A/C: F33A N#: N222JW Date: 10-12-2018</p> <p>Tach Time: 969.0</p> <p>ATC Transponders & Encoding systems have been tested & inspected in accordance with FAR part 43 appendix E&F 91-413. I certify that the Altimeter, static systems, and interrogation tests required by FAR 91.411 have been performed. The altimeter was tested to 30,000 feet. Reference invoice#3624</p> <p>Signed: </p>
		<p>Date: October 12, 2018 Reg#:N222JW</p> <p>Tach Time: 969.0</p> <p>Removed existing KX155 nav/com and BendixKing KLN88 Loran. Installed GTN750WAAS 1ZA023419, and GA35 Serial#152684WAAS GPS antenna, as per STC#SA02019SE-D. See Airplane Owners Manual change in weight and balance. Reference invoice#3624.</p> <p>Jeff Landon High Desert Avionics Inc. Repair Stn. HD7R252J</p>
		<p>Date: October 12, 2018 Reg #: N222JW</p> <p>Tach Time: 969.0</p> <p>Removed existing transponder. Installed Garmin GTX345 Serial#3EG0022818, as per STC#SA01714WI. See Airplane Owners Manual for form 337, ICA, AFMS. And change in weight and balance. Reference invoice#3624</p> <p>Jeff Landon High Desert Avionics Inc. Repair Stn. HD7R252J</p>
		<p>Date: October 12, 2018 Reg#:N222JW</p> <p>Tach Time: 969.0</p> <p>Installed DAC International GDC31 roll steering adapter, as per STC#SA10236SC. See Airplane Owners Manual change in weight and balance. Reference invoice#3624.</p> <p>Jeff Landon High Desert Avionics Inc. Repair Stn. HD7R252J</p>

[illegible]

[illegible]

[illegible]



SKY ADDICT AVIATION

N222JW

421 8th Ave SE

St. Petersburg, FL 33701

Cont. IO-520-BB S/N 578544 TACH: 1119.5 TSMOH 1706.2 12/16/20

- Performed compression test as follows; #1 78/80 #2 77/80 #3 77/80 #4 78/80 #5 76/80 #6 77/80. Installed new oil filter. Cut open old filter for inspection; no faults found. Drained oil and serviced engine with Aeroshell W100 Plus. Cleaned, inspected and gapped all spark plugs. Cleaned fuel injectors. I certify this powerplant has been inspected in reference to 14 CFR 43 appendix (D) annual / 100hr checklist and has found to be in an airworthy condition.

Abraham Tray

A&P 3101588 IA



1213 N Sandusky Rd Suite B, Sandusky, MI 48471

c: (989) 823-4273 maintenance@flyboyzaviation.com

Tach: 1154.4

HOBBS:

Work Order: 2021-3297

Date: 7/9/2021

Engine TT

TSOH: 1741.1

TSTOH:

Tail: N222JW

Aircraft removed from service for the following maintenance:

Complied with AD 2014-05-29 by inspection per Global AMOC and Superior Air S/B B-14-01 Rev E Compliance section 1-4. Performed GVI of cylinders. Borescoped engine with no abnormal findings. Performed compression & leak check with soap/water solution with cylinder pressurized at bottom of intake stroke. 1) 78/80 2) 78/80 3) 76/80 4) 78/80 5) 76/80 6) 78/80. No leaks/discrepancies found. **Cylinders require reinspection on or before 1204 Tach time and replacement before 1313 Tach or May 2023 whichever comes first.**

Work performed during this maintenance visit was completed IAW approved publications and all parts installed were determined to be approved for aircraft use prior to installation. Aircraft is returned to service after the previously stated maintenance.

Adam Ondrajka

A&P/IA 3531616