



N _____			
Front	<input type="checkbox"/>	Rear	<input type="checkbox"/>
Left	<input type="checkbox"/>	Right	<input type="checkbox"/>

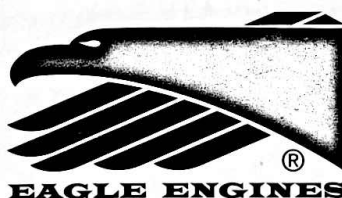
## **AMERITECH INDUSTRIES**

Exceeding your expectations with every flight™

**20208 Charlanne Drive  
Redding, California 96002, U.S.A.  
(530) 221-4470 / (800) 292-PROP (7767)**

**FAA REPAIR STATION #NO3R717L**

**E-mail: [serviceengine@ameritechind.com](mailto:serviceengine@ameritechind.com)**



**EAGLE ENGINES**  
A DIVISION OF AMERITECH INDUSTRIES, INC.

# **ENGINE LOGBOOK**

# ENGINE MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. \_\_\_\_\_

Engine Manufacturer Teledyne Continental

Model TSIO-520-R







Serial No. 198710-71A

Date Installed on Aircraft \_\_\_\_\_

TBO \_\_\_\_\_ Hours

or \_\_\_\_\_ Years

DATE	TACH OR RECORDING METER TIME	<b>DESCRIPTION OF WORK PERFORMED</b> <b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>			
		<div data-bbox="756 292 899 363" data-label="Image"> </div> <div data-bbox="683 361 974 414" data-label="Text"> <p><b>EAGLE ENGINES</b> FAA Repair Station NO3R717L</p> </div> <div data-bbox="321 410 696 445" data-label="Text"> <p>Repair Order: 10511-04-2009</p> </div> <div data-bbox="972 410 1154 443" data-label="Text"> <p>Date: 06/29/09</p> </div> <div data-bbox="321 445 654 476" data-label="Text"> <p>Engine Make: Continental</p> </div> <div data-bbox="972 445 1305 476" data-label="Text"> <p>Engine Model: TSIO-520-R</p> </div> <div data-bbox="321 476 665 508" data-label="Text"> <p>Serial No.: 198710-71H</p> </div> <div data-bbox="972 476 1359 508" data-label="Text"> <p>Total Time: SMOH: 0</p> </div> <hr/> <div data-bbox="277 541 1414 1134" data-label="List-Group"> <ol style="list-style-type: none"> <li>1. Engine major overhauled- "Marquis Series" TSIO-520-H to TSIO-520-R per Ram Aircraft limited partnership STC no. 21059563 using new E.C.I. cylinders. Overhauled (1) Continental TSIO-520-R engine S/N 198710-71H per Continental Overhaul Manual X30575A and Service Bulletin 97-6. Engine test ran satisfactory. All components tested acceptable. No oil leaks found at this time.</li> <li>2. Engine has been disassembled, cleaned, inspected and reassembled in accordance with all applicable FAA regulations and manufacturer's current overhaul instructions.</li> <li>3. Crankcase certified and Crankshaft ultrasonic by Nickson's Machine Shop, Inc.</li> <li>4. Magneto(s), Ignition Harness and Sparkplugs by Unison, Ind., Starter by Kelly Aerospace Power Systems, Fuel Injection System by Troutdale Aircraft Services, Inc. and Oil Cooler certified by Pacific Oil Cooler Service, Inc.</li> <li>5. The following Airworthiness Directives have been complied with: 97-26-17C.</li> <li>6. See front of log for A.D. listing details.</li> <li>7. See rear of log for maintenance releases.</li> <li>8. Total time to be entered by installing agency.</li> <li>9. Engine test run satisfactory.</li> <li>10. Engine not installed by Eagle Engines.</li> <li>11. Nothing follows.</li> </ol> </div> <tr> <td></td> <td></td> <td> <div data-bbox="513 1257 683 1349" data-label="Image"> </div> <div data-bbox="712 1242 1023 1344" data-label="Text"> <p>EAGLE ENGINES REPAIR STATION No. N03R717L 20208 CHARLANNE DRIVE REDDING, CA 96002</p> </div> <div data-bbox="440 1359 1282 1414" data-label="Text"> <p>WORK ACCOMPLISHED: <u>"MAJOR ENGINE OVERHAUL- "MARQUIS SERIES"</u></p> </div> <div data-bbox="440 1414 1198 1535" data-label="Text"> <p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER</p> </div> <div data-bbox="446 1547 1192 1657" data-label="Text"> <p>WORK ORDER # <u>10511-04-2009</u> INVOICE # <u>10511-04-2009</u> DATED: <u>6/29/2009</u> SIGNED <u>[Signature]</u> (AUTHORIZED INDIVIDUAL)</p> </div> </td> </tr>			<div data-bbox="513 1257 683 1349" data-label="Image"> </div> <div data-bbox="712 1242 1023 1344" data-label="Text"> <p>EAGLE ENGINES REPAIR STATION No. N03R717L 20208 CHARLANNE DRIVE REDDING, CA 96002</p> </div> <div data-bbox="440 1359 1282 1414" data-label="Text"> <p>WORK ACCOMPLISHED: <u>"MAJOR ENGINE OVERHAUL- "MARQUIS SERIES"</u></p> </div> <div data-bbox="440 1414 1198 1535" data-label="Text"> <p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER</p> </div> <div data-bbox="446 1547 1192 1657" data-label="Text"> <p>WORK ORDER # <u>10511-04-2009</u> INVOICE # <u>10511-04-2009</u> DATED: <u>6/29/2009</u> SIGNED <u>[Signature]</u> (AUTHORIZED INDIVIDUAL)</p> </div>
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DATE	TACH OR RECORDING METER TIME	<b>DESCRIPTION OF WORK PERFORMED</b> <b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>	
		 <div style="float: right; text-align: right;"> <b>NA3R703L</b>            (775) 972-5540         </div> <div style="float: right; text-align: right;">           4825 Texas Ave.            Reno, NV. 89506         </div>	
		<p> <b>Date: 8/13/2009, Aircraft: N43KY, Type: Cessna T210L, S/N: 21059563, Eng-Type: TCM TSIO-520-R, S/N: 21059563, SMOH: 00.0, Total Time: 4,690.3</b>  <b>Engine -</b> Removed existing TCM engine model number TSIO-520-H, sn.198710-71H, and routed to Eagle Engines CRS No.NO3R717L, for overhaul on Work Order No.10511-04-2009, P.O.0110547. Reinstalled major overhauled "Marquis Series" TSIO 520-R, sn.198710-71H, in accordance with Ram Aircraft Limited Partnership <b>STC No.SA2689SW-D</b>, dated December 09, 1977, amended September 28, 1981. <b>See FAA Form dated August 13, 2009, for details.</b> Accomplished an <b>Annual Inspection</b> on this <b>engine</b> in accordance with ACL Form 3, "100/Annual Checklist," which meets <b>FAR 43, Appendix "D."</b> Drained engine oil. Serviced engine with 12qts of Aeroshell 100 50W mineral oil. Operational check OK. Compression check not required due to newly overhauled engine installation. Installed a new Brackett induction air filter pn.BA-2405. Checked induction and exhaust systems. Accomplished <b>AD: 71-09-07 R1</b>, "Exhaust Manifold Heat Exchanger," per Cessna Service Letter No.SE71-11. No defects noted. Accomplished <b>AD: 2002-26-03</b>, "Detect and Correct Incorrect Installation of the Air Filter." See aircraft records for AD Compliance List. I certify that this <b>engine</b> has been inspected in accordance with an <b>Annual Inspection</b> and was determined to be in airworthy condition. Pertinent details of this Inspection are on file at this repair station under <b>Work Order No. 15733.</b> </p> <p> <b>Signed:</b> <i>Ron Stead</i> <b>Date: 8/13/2009 Insp.</b>   <b>For: Aviation Classics, Ltd. FAA CRS NA3R703L RS/8</b> </p>	
		 <div style="float: right; text-align: right;">           FAA CRS NA3R703L            Reno-Stead Airport            4825 Texas Avenue            Reno NV 89506         </div> <div style="float: right; text-align: right;">           PH: (775) 972-5540         </div> <p> <b>Date: 10/22/2009; Aircraft: N43KY; Type: CESSNA T210L; S/N: 21059563; Engine - Type: Continental TSIO-520H, S/N: 198710-71H, Time: 4689.7, Last MOH: 4.7-6/29/2009</b>  <b>Removed existing fuel boost controller and turbo assemblies. Installed fuel boost controller and turbo assemblies. Removed fuel boost controller and turbo assemblies. Installed original fuel boost controller and turbo assemblies, using new mounting hardware 2ea. new nuts pn.MS20500-428, 1ea, self-locking nut pn.MS21042L6, 1ea. new nut pn.S1604-4, 4ea. new nuts pn.S1604-6, and 1ea. new gasket pn.653742. Removed turbo charger pop off valve pn.470944-9012, sn.1D0224, and routed to Main Turbo Systems, Inc., for repair on Work Order No.32884, on P.O. No.0111134. Installed serviceable pop off valve pn.470944-9012, sn.1D0224. Performed ground run-up &amp; high power checks. Operational checked normal. Pertinent details of work accomplished on file at this Agency.</b> </p> <p> <b>Signed:</b> <i>Ron Stead</i> <b>Inspector:</b>   <b>Date: 10/22/2009 Work Order #15874</b>  <b>for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L</b> </p>	
		 <div style="float: right; text-align: right;">           FAA CRS NA3R703L            Reno-Stead Airport            4825 Texas Avenue            Reno NV 89506         </div> <div style="float: right; text-align: right;">           PH: (775) 972-5540         </div> <p> <b>Date: 1/11/2010; Aircraft: N43KY; Type: CESSNA T210L; S/N: 21059563; Engine - Type: Continental TSIO-520H, S/N: 198710-71H, Time: 4702.7, Last MOH: 12.4-6/29/2009</b>  <b>Drained engine oil, removed filter. Cleaned oil strainer with solvent reassembled with new crush washer pn.MS35769-11, and crush gasket pn.MS35769-48. Serviced engine with 9qts of Aeroshell 15w-50 oil, safetied strainer. Operational check OK. Manufactured, fitted, and attached new angle using 2024T3 .040, an aluminum and attached to induction airbox using 5 ea. SB4-2 rivets. Installed new baffle seal pn.05-0795, on engine baffling, right side, using 5 ea. ABL4-3 rivets. Pertinent details of work accomplished on file at this Agency.</b> </p> <p> <b>Signed:</b> <i>Ron Stead</i> <b>Inspector:</b>   <b>Date: 1/11/2010 Work Order #16003</b>  <b>for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L</b> </p>	



DATE

TACH OR  
RECORDING  
METER TIME

## DESCRIPTION OF WORK PERFORMED

SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK


 NA3R703L  
(775) 972-5540

 4825 Texas Ave.  
Reno, NV. 89506

Date: 11/01/2010, Aircraft: N43KY, Type: Cessna T210L, S/N: 21059563, Eng-Type: TCM TSIO-520-R, S/N: 198710-71H, SMOH: 35.3, Total Time: 4,702.7

Engine - Accomplished an **Annual Inspection** on this engine in accordance with ACL Form 3, "100/Annual Checklist," which meets **FAR 43, Appendix "D."** Drained engine oil, took sample, removed oil screen, checked and cleaned oil screen, reinstalled oil screen. Serviced engine with 10 qts of Aeroshell 15W50 oil, safetied filter. Operational check OK. Completed compression check: **CYL #1:78, #2:76, #3:78, #4:72, #5:74, #6:70**, @ 80 psi. Installed a new Brackett induction air filter pn.BA-2405. Removed, cleaned, checked, rotated, and reinstalled 12ea. serviceable spark plugs using 11ea. new gaskets pn.M674. Checked induction and exhaust systems. Removed fuel pump pn.632818-7, sn.K037904RB, and routed to Ameritech Industries, Inc. CRS No.NO3R717L, for repair on Work Order no.10511-04-2009-02, P.O. No.0112257. Reinstalled serviceable fuel pump pn.632818-7, sn.K037904RB. Removed intake pipe. Manufactured and installed stainless steel heat shield for coupler hose. Installed new intake coupler hose pn.1250929-5. Reclocked intake side of turbo charger for clearance. Tightened exhaust clamps as required. Replaced bolt pn.AN3-5A, on exhaust. Replaced induction hose with SCEET 16 hose. Accomplished **AD: 71-09-07**, "Exhaust Manifold Heat Exchanger," per Cessna Service Letter No. SE71-11. See aircraft records for AD Compliance List. I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition. Pertinent details of this Inspection are on file at this repair station under **Work Order No. 16448**.

Signed: *[Signature]* Date: 11/01/2010 Insp. **ACL 8 INSP**  
For: Aviation Classics, Ltd. FAA CRS NA3R703L RS/8


 NA3R703L  
(775) 972-5540

 4825 Texas Ave.  
Reno, NV. 89506

Date: 11/01/2011, Aircraft: N43KY, Type: Cessna T210L, S/N: 21059563, Eng-Type: TCM TSIO-520-H, S/N: 198710-71H, SMOH: 53.1, ETT: 4,720.5

Engine - Accomplished an **Annual Inspection** on this engine in accordance with ACL Form 3, "100/Annual Checklist," which meets **FAR 43, Appendix "D."** Drained engine oil, Took sample, checked, cleaned, & reinstalled oil screen using new crush washer pn.MS35769-51. Serviced engine with 8qts of Aeroshell 15W 50 oil, safetied screen. Completed compression check: **CYL #1:78, #2:76, #3:76, #4:78, #5:72, #6:76**, @ 80 psi. Installed a new Brackett induction air filter pn.BA-2405. Removed, cleaned, checked, rotated, and reinstalled 12ea. serviceable spark plugs using 12ea. new gaskets pn.M674. Checked induction and exhaust systems. Performed engine ground run-up. Operational checked normal. No leaks noted. See aircraft records for AD Compliance List. I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition. Pertinent details of this Inspection are on file at this repair station under **Work Order No. 17140**.

Signed: *[Signature]* Date: 11/01/2011 Insp. **ACL 8 INSP**  
For: Aviation Classics, Ltd. FAA CRS NA3R703L


 FAA CRS NA3R703L  
Reno-Stead Airport  
4825 Texas Avenue  
Reno NV 89506

PH: (775) 972-5540

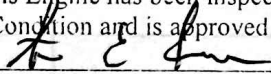
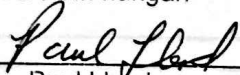
Date: 8/09/2012; Aircraft: N43KY; Type: CESSNA T210L; S/N: 21059563; Tach: 66.5; Total Time: 5558.8

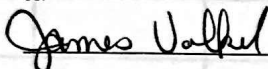
Adjusted potentiometer in KA-57 autopilot adapter. Operational checked normal. Serviced nose strut with air tp proper maintenance manual specifications. Serviced nose tire to 50 psi. to proper maintenance manual specifications. Serviced O2 system to 800 psi and performed leak test using soapy water. Replaced oxygen outlet pn.C166006-0104, on copilot's side. Removed cockpit's overhead ceiling panel for access to oxygen cylinders. Removed right, rear, oxygen cylinder & applied teflon tape to oxygen cylinder fitting threads. Leak checked oxygen cylinder. No leaks noted. Serviced oxygen cylinder to 1,800 psi. Reinstalled oxygen cylinder in right, rear, position. Performed leak check on oxygen system. No leaks noted. Reinstalled cockpit overhaed ceiling. Pertinent details of work accomplished on file at this Agency.

Signed: *[Signature]* Inspector: **ACL 8 INSP**  
Work Order #17571 RS/8  
for AVIATION CLASSICS Ltd. FAA CRS: NA3R703L

1. Approving National Aviation Authority / Country: <b>FAA / UNITED STATES</b>		2. AUTHORIZED: <b>FAA FORM 8130</b>	
3. Organization Name and Address: <b>Cessna Aircraft Co Cessna Parts Distribution 5800 E Pawnee, Wichita,</b>		4. Part Number: <b>C166006-0104</b>	
Item: <b>22</b>	7. Description: <b>VALVE OXY</b>	8. Part Number: <b>C166006-0104</b>	
13. Remarks: <b>AIRWORTHINESS APPROVAL - PART</b>			
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation, <input type="checkbox"/> Non-approved design data specified in Block 13.			
15. Authorized Signature: <i>[Signature]</i>		16. Approv: <b>ODA-</b>	
17. Name (Typed or Printed): <b>KEITH THOMPSON</b>		18. It is important to understand that the existence of this document alone Where the user/installer performs work in accordance with the nation specified in Block 1, it is essential that the user/installer ensures that authority of the country specified in Block 1	
Statements in Blocks 14 and 19 do not constitute installation certificate accordance with the national regulations by the user/installer before			
FAA Form 8130-3 (6-01) * Installer must cross-check ell			

ITEM: 22  
ORDER: 3532767 SN/LOT: N/A  
DESC: VALVE OXY  
QTY: 1  
U/M: EA

DATE	TACH OR RECORDING METER TIME	<b>DESCRIPTION OF WORK PERFORMED</b> <b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>
		RATLIFF AVIATION TUCSON INTERNATIONAL AIRPORT
11-13-2012		
REG: N43KY CESSNA T210L		
ENGINE: CONTINENTAL TSIO-520-R		
ENGINE S/N: 198710-71H		
ENGINE T.S.O.H: 76.8		
ENGINE T.T.: 4744.2		HOBBS/TACH: 0.0 76.8      W.O.#: 12-107540
This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.		
1.		Complied with Annual Inspection in accordance with Cessna T210L Inspection Checklist.
2.		Complied with oil change. Serviced engine with 10 Qts. Aeroshell 15W50. No metal found in screen. Washed engine and leak check good.
3.		Complied with cylinder differential compression check in accordance with TCM S/BM84-15
		#1. 72/80, #2. 71/80, #3. 74/80, #4. 73/80-, #5. 76/80, #6. 75/80.
I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.		
Inspector:		 Steven E. Frame
		A+P 378782495 IA
		TUCSON JET CENTER LLC TUCSON INTERNATIONAL AIRPORT
7-30-2013		
REG: N43KY CESSNA T210L		
ENGINE: CONTINENTAL TSIO-520-R		
ENGINE S/N: 198710-71H		
ENGINE T.S.O.H: 103.1		
ENGINE T.T.: 4770.5		HOBBS/TACH: 0/103.1      W.O.#: 13-107661
This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.		
1.		Removed engine for prop strike inspection due to hangar door blowing into parked aircraft in hangar.
Inspector:		 Paul Lloyd
		A+P 2833813 IA

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED		SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			
		Page 1 of 1					
10-4-13 MODEL: TSIO-520-R S/N. 198710-71H TACH READING: TTE: TSMO:		AIRCRAFT ENGINE SPECIALISTS, LLC 2330 SOUTH AIRPORT BOULEVARD, SUITE #5 CHANDLER, ARIZONA 85286 (480) 516-0390		CRS # ZF7R728Y			
<p>Disassembled engine, cleaned, inspected, non-destructive tested work order N0884-13-08, repaired, assembled and test run in accordance with TCM Overhaul Manual X30575A, service bulletin 96-11B and other appropriate service bulletins. New crankshaft gear part number 657175, one serviceable lifter part number 628488, two serviceable connecting rods part number 646778. Crankshaft part number 649134, serial number N402903C, complied with MSB 96-10A ultrasonic inspection, due again at next removal. Cylinders checked for damage no noted, leak check good, rings good. New Slick magnetos right 6320, sn 13081746, left 6320, sn 13080750. Reinstall starter pn 646275-1R, sn J041022, fuel pump 632818-7, sn K037904RB, fuel flow divider 634320-4, sn L0579009R, fuel controller 629703-111, sn L037903RA. All new seals, gaskets, bearings, connecting rod bolts, nuts. AD's were checked for compliance, see AD sheet. Engine test run and found in airworthy condition Further details of this engine repair may be found at this facility under work order E4970-13-08.</p>							
		 James Volkel					
Parts Used on WO# E4970-13-08							
1	2026	PLUG 25 PIPE	1 MS35756-6	KEY	6	24764	SCREW
1	401893	STUD	1 SA501867	WASHER	6	656990	SCREW
1	534685	BEARING	1 SA646588-A1	BEARING SET	6	633958-5	SEAL
1	534715	RING	1 ST110	RING SET, STEEL BORES, 520 SER	6	SA534857-S	GASKET
1	534938	OIL SEAL	1 X13041	BEARING	8	SA350998	BUSHING
1	537721	BEARING	2 6320	MAGNETO	10	633958-3	SEAL
1	633845	SCREW	2 532432	PLUG	10	SA642917-1	HOSE
1	641250	SEAL	2 MS35756-8	KEY	12	654490	NUT
1	641368	BEARING	2 SA632443A-4	NUT, SELF-LOCK	12	655961	CON ROD BOLT
1	657175	GEAR	2 SA643626-103	PIN	12	MS24665-229	PIN
1	502287-3	RING	2 SA643626-104	PIN	12	SA630826	BEARING
1	646548A1	GASKET SET	4 2025	PLUG .375 PIPE	16	SA629104	SNAP RING
1	AS3578-038	O-RING	4 654589	SCREW CAM	16	SA639193	BUSHING
1	LW-16266-10-50	CLAMP	4 655269	BUSHING	16	SA643629	PLATE
1	MS29561-012	O-RING	4 SA643626-101	PIN	20	630979-9	O-RING

-END-

TUCSON JET CENTER LLC  
TUCSON INTERNATIONAL AIRPORT

10-28-2013  
REG: N43KY CESSNA T210L  
ENGINE: CONTINENTAL TSIO-520-R  
ENGINE S/N: 198710-71H  
ENGINE T.S.O.H: 103.7  
ENGINE T.T.: 4771.1

HOBBS/TACH: 0/103.1      W.O.#: 13-107661

This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.

1. Reinstalled engine after propeller strike inspection. Aircraft ground run and test flight checked good. Aircraft is returned to service.

Inspector:

Paul Lloyd

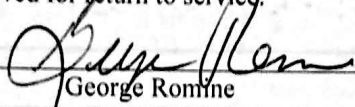
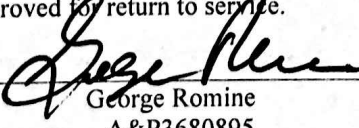
A+P 2833813 1A

10-		



DATE	TACH OR RECORDING METER TIME	<b>DESCRIPTION OF WORK PERFORMED</b> <b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>
		<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p>
12-05-2013		
REG: N43KY CESSNA T210L		
ENGINE: CONTINENTAL TSIO-520-R		
ENGINE S/N: 198710-71H		
ENGINE T.S.O.H: 76.8		
ENGINE T.T.: 4774.5		<p style="text-align: right;">HOBBS/TACH: 0.0 107.1      W.O.#: 13-107715</p>
This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.		
<ol style="list-style-type: none"> <li>1. Complied with Annual Inspection in accordance with Cessna T210L Inspection Checklist.</li> <li>2. Complied with cylinder differential compression check in accordance with TCM S/BM84-15</li> </ol>		
#1. 75/80, #2. 74/80, #3. 77/80, #4. 72/80-, #5. 78/80, #6. 74/80.		
I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.		
Inspector: _____		
	Paul Lloyd	
	A+P 2833813 IA	
		<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p>
1-20-2015		
REG: N43KY CESSNA T210L		
ENGINE: CONTINENTAL TSIO-520-R		
ENGINE S/N: 198710-71H		
ENGINE T.S.O.H: 147.4		
ENGINE T.T.: 4815.1		<p style="text-align: right;">HOBBS/TACH: 0.0 147.7      W.O.#: 15-107895</p>
This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.		
<ol style="list-style-type: none"> <li>1. Complied with Annual Inspection in accordance with Cessna T210L Inspection Checklist.</li> <li>2. Complied with cylinder differential compression check in accordance with TCM S/BM84-15</li> </ol>		
#1. 74/80, #2. 75/80, #3. 78/80, #4. 75/80-, #5. 75/80, #6. 77/80.		
3. Replaced engine induction air filter with p/n BA2405 filter.		
4. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.		
5. Replaced deteriorated heated duct with scat #12 hose.		
I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.		
Inspector: _____		
	Paul Lloyd	
	A+P 2833813 IA	



DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	05-29-2015 REG: N43KY CESSNA T210 S/N: 21059563 A.F.T.T: 5662.7	<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p> <p style="text-align: right;">W.O.#: 15-107986</p> <p>HOBBS/TACH: 0.0/0170.4</p> <p>This is a permanent part of the ENGINE RECORDS. The following inspections, repairs and or replacements were accomplished.</p> <p>1. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.</p> <p>I certify that this Engine has been inspected for the work performed, found to be in Airworthy Condition and is approved for return to service.</p> <p>Inspector:  George Romine A&amp;P3680895</p>
	10-14-2015 REG: N43KY CESSNA T210 S/N: 21059563 A.F.T.T: 5671.8	<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p> <p style="text-align: right;">W.O.#: 15-108062</p> <p>HOBBS/TACH: 0.0/0179.5</p> <p>This is a permanent part of the ENGINE RECORDS. The following inspections, repairs and or replacements were accomplished.</p> <p>1. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.</p> <p>I certify that this Engine has been inspected for the work performed, found to be in Airworthy Condition and is approved for return to service.</p> <p>Inspector:  George Romine A&amp;P3680895</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2-3-2016	REG: N43KY CESSNA T210L ENGINE: CONTINENTAL TSIO-520-R ENGINE S/N: 198710-71H ENGINE T.S.O.H: 191.9 ENGINE T.T.: 4859.3	<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p> <p style="text-align: right;">HOBBS/TACH: 0.0/191.9      W.O.#: 16-108117</p> <p>This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.</p> <ol style="list-style-type: none"> <li>1. Complied with Annual Inspection in accordance with Cessna Centurion Series Service Manual 100 Hour Inspection Checklist Revision 5 dated July 1 2004.</li> <li>2. Replaced engine induction air filter with p/n BA2405 filter.</li> <li>3. Complied with cylinder differential compression check in accordance with TCM S/B M84-15 #1. 74/80, #2. 70/80, #3. 75/80, #4. 76/80, #5. 75/80, #6. 78/80.</li> <li>4. Complied with recurring AD71-09-07 Inspection of engine exhaust under heater muff by visual and air pressure inspection. No defects found. Next due at Tach Time 241.9</li> </ol> <p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.</p> <p>Inspector: <u>Paul Lloyd</u> Paul Lloyd A+P 2833813 IA</p>
3-20-2017	REG: N43KY CESSNA T210L ENGINE: CONTINENTAL TSIO-520-R ENGINE S/N: 198710-71H ENGINE T.S.O.H: 258.5 ENGINE T.T.: 4925.9	<p style="text-align: center;">TUCSON JET CENTER TUCSON INTERNATIONAL AIRPORT</p> <p style="text-align: right;">HOBBS/TACH: 0.0/258.5      W.O.#: 17-108298</p> <p>This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.</p> <ol style="list-style-type: none"> <li>1. Complied with Annual Inspection in accordance with Cessna Centurion Series Service Manual 100 Hour Inspection Checklist Revision 5 dated July 1 2004.</li> <li>2. Replaced engine induction air filter with p/n BA2405 filter.</li> <li>3. Complied with cylinder differential compression check in accordance with TCM S/B M84-15 #1. 72/80, #2. 62/80, #3. 76/80, #4. 75/80, #5. 74/80, #6. 74/80.</li> <li>4. Complied with recurring AD71-09-07 Inspection of engine exhaust under heater muff by visual and air pressure inspection. No defects found. Next due at Tach Time 308.5.</li> <li>5. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.</li> <li>6. Removed and replaced exhaust riser on #5 cylinder with p/n 1250806-100, clamp halves on #3 and #5 cylinders p/n 1250860-29 and hardware.</li> </ol> <p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.</p> <p>Inspector: <u>Paul Lloyd</u> Paul Lloyd A+P 2833813 IA</p>

DATE

TACH OR  
RECORDING  
METER TIME

DESCRIPTION OF WORK PERFORMED

SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING

TUCSON JET CENTER  
TUCSON INTERNATIONAL AIRPORT

7-19-2017

REG: N43KY CESSNA T210L

ENGINE: CONTINENTAL TSIO-520-R

ENGINE S/N: 198710-71H

ENGINE T.S.O.H: 294.3

ENGINE T.T.: 4961.7

HOBBS/TACH: 0.0/294.3

W.O.#: 17-108298

This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.

1. Removed and replaced alternator p/n E3FF10300AAR s/n H-R060470. Ground operational check good.

I certify that this Engine has been inspected and was found to be in Airworthy Condition and is approved for return to service.

Inspector: Paul Lloyd

Paul Lloyd  
A+P 2833813 IA

TUCSON JET CENTER  
TUCSON INTERNATIONAL AIRPORT

10-24-2017

REG: N43KY CESSNA T210

S/N: 21059563

A.F.T.T: 5801.5

HOBBS/TACH: 0.0/0309.2

W.O.#: 17-108380

This is a permanent part of the ENGINE RECORDS. The following inspections, repairs and or replacements were accomplished.

1. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.

I certify that this Engine has been inspected for the work performed, found to be in Airworthy Condition and is approved for return to service.

Inspector: Paul Lloyd

Paul Lloyd  
A+P 2833813 IA

TUCSON JET CENTER  
TUCSON INTERNATIONAL AIRPORT

4/23/2018

REG: N43KY CESSNA T210L

ENGINE: CONTINENTAL TSIO-520-R

ENGINE S/N: 198710-71H

ENGINE T.S.O.H: 327.8

ENGINE T.T.: 4995.2

HOBBS/TACH: 0.0/327.8

W.O.#: 18-108433

This is a permanent part of the ENGINE RECORDS. The following inspection, repairs and or replacements were accomplished.

1. Complied with Annual Inspection in accordance with Cessna Centurion Series Service Manual 100 Hour Inspection Checklist Revision 5 dated July 1 2004.
2. Replaced engine induction air filter with p/n BA2405 filter.
3. Complied with cylinder differential compression check in accordance with TCM S/B M84-15 #1. 72/80, #2. 74/80, #3. 73/80, #4. 76/80, #5. 77/80, #6. 79/80.
4. Complied with recurring AD71-09-07 Inspection of engine exhaust under heater muff by visual and air pressure inspection. No defects found. Next due at Tach Time 377.8.
5. Serviced with 10qts Aeroshell 15w50 oil. Cleaned oil screen no metal noted. Washed engine and leak checked.
6. Removed, cleaned and reinstalled fuel injector nozzles.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in Airworthy Condition and is approved for return to service.

Inspector: \_\_\_\_\_

Paul Lloyd

A+P 2833813 IA

**Eng. Log Date 03/28/2019 Tach 388.3 TSOH 388.3 N43KY**

Changed oil 10 Qt.s Aero shell 15-50 Cleaned oil screen, Checked timing, cleaned tested rotated spark plugs replaced spark plug gaskets, replaced induction air filter BA 2405, cleaned eng. Preformed compression test results as follows #1 66/80 #2 72/80 #3 70/80 #4 76/80 #5 74/80 #6 77/80.

AP Benjamin X Martin # 3039992 IA

**Eng. Log Date 05/11/2019 Tach 394 TT 5061.4 TSMOH 394 N43KY**

Replaced Cylinder head temp. sending unit SL372-1 IAW S/M and P/M. Inspected Eng. IAW Far 43 APP D annual and found to be in Airworthy condition.

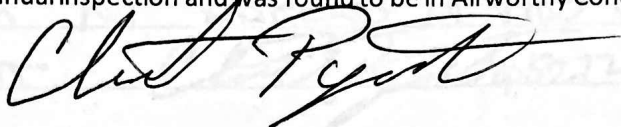
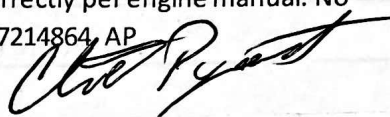


AP Benjamin X Martin # 3039992 IA

Tail #: N43KY ATT:5917 Tach T: 425.3 Date:8/27/2020

Performed an annual inspection IAW Far 43 appendix "D" and the Cessna Centurion Service Manual 100 hour inspection checklist Rev 5. Complied with AD 71-09-07 no defects noted. Accomplished a compression check, cylinders were; 1) 50/80 2) 44/80 3) 72/80 4) 78/80 5) 68/80 6) 64/80. Removed and replaced #1 and #2 cylinder "piston and rings" IAW Continental Aircraft Engine O/H manual. Drained engine oil and removed oil screen, cleaned and inspected screen (no FOD found) and re-installed. Serviced engine with 11 Qts. of aeroshell 100 mineral oil.

(Continued on next page)



DATE	TACH OR RECORDING METER TIME	<b>DESCRIPTION OF WORK PERFORMED</b> <b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>
		<p>(continuation from previous page)</p> <p>Accomplished Engine run up and checked for leaks and/or discrepancies, none found. I certify this aircraft has been inspected IAW an annual inspection and was found to be in Airworthy Condition and is approved for return for service.</p> <p>Clint Pyeatt I.A. 527214864 A.P. </p>
		<p>Tail #: N43KY    ATT:    Tach T:    Date:    /2020</p> <p>Removed and replaced the engine "Turbocharger" with a rebuilt to original PAH'S specs. Turbocharger (installed P/N 406610-9005 S/N H-YBR00162). Removed and replaced the engine "wastegate" with a overhauled wastegate (Installed P/N 470908-9011 S/N IJR0125). Accomplished a engine run up and test flight to operationally check all components and verify all is working correctly per engine manual. No defects found at this time, no further action required. Clint Pyeatt 527214864 AP </p>
		<p>Tail #: N43KY    ATT: 5993    Tach T: 501.5    Date: 8/27/2021</p> <p>Performed an annual inspection IAW Far 43 appendix "D" and the Cessna Centurion Service Manual 100 hour inspection checklist Rev 5. Complied with AD 71-09-07 no defects noted. Accomplished a compression check, cylinders were; 1) 50/80 2) 44/80 3) 72/80 4) 78/80 5) 68/80 6) 64/80. Drained engine oil and removed oil screen, cleaned and inspected screen (no FOD found) and re-installed. Serviced engine with 10 and 1/2 Qts. of aeroshell 15W-50. Accomplished Engine run up and checked for leaks and/or discrepancies, none found. I certify this aircraft has been inspected IAW an annual inspection and was found to be in Airworthy Condition and is approved for return for service.</p> <p>Clint Pyeatt I.A. 527214864 A.P. </p>
		<p>N43KY    S/N 21059563 Cessna T210L Continental TSIO-520-R S/N 198710-71H</p> <p>Tach: 558.5</p> <p>Removed #2 cylinder due to low compression. Installed cylinder after overhaul by Aircraft Engine Specialists. Serviced engine with 12 qts Aeroshell 100 mineral oil. Performed ground run, ops and leak check good. All work performed IAW applicable maintenance manuals and current Federal Aviation Regulations. This aircraft and/or component identified above is approved for return to service for the work accomplished. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-23-7032</p> <p>Date: January 18, 2023</p>
		<p>FAA-CRS YXCR399X TUCSON AEROSERVICE CENTER 520-682-2999</p> <p>Signed:  Ron Anders    FAA-CRS YXCR399X</p>

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
Date: 10/13/2022	Hours: TACH 557.0	Tail: N43KY	
Make: Textron (Cessna)	Model: T210L	S/N: 210-59563	
Name: Clinton Pyeatt	Cert: 527214864		
Co:	Signed: <i>Clinton Pyeatt</i> 527214864 IA		
<p>INFO: Entry entered out of order.</p> <p>Reviewed all ADs and accomplished the "Reoccurring" ADs. through October 2022. Next due dates and times are on AD report. Performed the visual inspection and operational check of the ELT IAW CFR 91.207(d) no defects. Checked the engine cylinder compressions all cylinders are ok and with-in limits EXCEPT number 2. Number 2 cylinder is below 20/80 psi requires work.</p> <p>I have inspected this aircraft, its engine, and propeller, IAW an annual inspection per the manufacturer's instructions and FAR 43 appendix (D) and was determined NOT to be in airworthy condition. (Because of the #2 cylinder) This Aircraft is NOT Approved for return to service.</p>			

Date: 01/20/2023	Hours: Tach T. 560.0	Tail: N43KY	
Make: Textron (Cessna)	Model: T210L	S/N: 210-59563	
Name: Clinton Pyeatt	Cert: 527214864		
Co:	Signed: <i>Clinton Pyeatt</i> 527214864 IA		
<p>INFO: Engine cylinder #2 work was accomplished by "Ron Anders FAA-CRS YXCR399X" see "engine" logbook sign off dated January 18, 2023"</p> <p>This Aircraft Discrepancy from the previous annual dated 10/2022 which made it un-airworthy has been corrected. (see above info). Therefore, this aircraft is NOW airworthy and approved for return to service.</p>			

**AERO EXPERTS, INC.****ENGINE MAINTENANCE ENTRY**6720 S Plumer Ave.  
Tucson, AZ 85756

**Model:** Continental TSIO-520-R      **Serial Number:** 198710-71H      **Registration Number:** N43KY  
**Eng TT:** 5246.0      **TSMOH:** 578.6      **Tach Time:** 578.6      **Maintenance Performed:**

Performed annual inspection per Cessna 210 Centurion series maintenance manual. Performed engine cylinder compression test with following results: #1) 76/80, #2) 74/80, #3) 67/80, #4) 63/80 #5) 77/80, #6) 74/80. Removed, inspected, cleaned, gapped, rotated, and reinstalled sparkplugs. Lubed engine controls. Drained oil and serviced with 10qts of Phillips X/C 20W50 oil. Removed, inspected, cleaned and reinstalled oil screen. Complied with AD 2023-09-09 Turbocharger clamp by replacement. All AD's have been complied with up to this date.

I certify that this engine has been inspected with a 100hr/annual inspection and determined to be in airworthy condition. This engine is approved for return to service. ----- End -----

**Print Name:** Ki Yun Yoon      **Signature:** *Ki Yun Yoon*      **Cert#:** 3208012IA      **Date:** 06-12-2025