



# ENGINE MAINTENANCE RECORDS

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

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

Engine Manufacturer Continental

Model T510-520-R

Serial No. 825540-R

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) 1600 Hours

If used on multi-engine aircraft:

Right     Left

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

254/752-8381

FAX 254-752-3307

1-800-445-9713





DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
TOTALS brought forward from previous page			

Date	Total Time In Service	Total Time Since Overhaul	Tach or Recording Meter Time
10-18-13	2071.8	167.8	167.8



CONTINENTAL TSIO-520-R Engine S/N 825540-R

The above referenced engine was disassembled due to metal contamination. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30575A. Reused crankcase and crankshaft. Installed new camshaft, main and rod bearings. Installed new lifters p/n 658088 intake; p/n 658077 exhaust. Replaced p/n 631845 large cam gear. C/W MSB96-10A ultrasonic inspection. New bolts and nuts installed in rods. Reinstalled cylinder assemblies. Installed overhauled oil pump and new oil cooler. Installed accessories in their respective positions with existing time in service with the exception of the overhauled prop governor which was not installed per this work order. Cleaned and flushed wastegate and starter adapter. Flushed all related hoses received. Replaced shaft in wastegate. Shipped rebuilt turbo with engine. Serviced engine with 100W Aeroshell oil. Ran in Test Cell for one (1) hour. Engine is approved for return to service for work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to ninety (90) days. Pertinent details on file under Project No. 6895.

*Ronnie Verillo*  
 RAM Aircraft, Limited Partnership, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

N2019S  
 12/11/2013  
 TACH TIME: 167.80  
 TIME SMOH: 167.80

Reinstalled engine in Cessna T210 N2019S, after repair by Ram aircraft. Replaced absolute pressure controller with overhauled unit, Added 10 qts Phillips 20W50, flushed prop and reinstalled, Replaced waste-gate gaskets with new, Replaced aircraft battery with new, adjusted controller to set manifold pressure to 36.5 in. R.P.M to 2700, and fuel flow to 31 G.P.H. Engine washed and test run, no leaks noted.

The aircraft and/or component identified above was repaired and inspected in accordance with the current FAR's and was found to be airworthy with respect to work performed and was returned to service.

*Kenneth L. Harris*  
 Signed Kenneth L. Harris IA3379187

12-11-13  
 Date

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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
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N2019S  
3/1/2014  
TACH TIME: 176.21  
TOTAL ENGINE TIME: 2080.21  
TIME SMOH: 176.21

Inspected oil filter for metal, none found. Cleaned, gapped and rotated spark plugs. Compression follows: # 1-71/80, 2-76/80, 3-74/80, 4-70/80, 5-71/80, 6-70/80. Inspected exhaust system and heat muff. Inspected intake system. Checked all hoses and lines. Inspected and lubed engine controls. Adjusted fuel flows per continental S.B. Checked shock mounts. Checked mag timing. See AD listing for AD's complied with. I certify that this engine has been inspected in accordance with a Annual inspection and found to be in airworthy condition.

Signed Kenneth L. Harris IA3379187 Date 3-1-14



N2019S  
5/1/2015  
TACH TIME: 232.0  
TOTAL ENGINE TIME: 2136.0  
TIME SMOH: 232.0

Changed oil and filter added 10 qts Phillips 20W50, and new CH48108-1 filter, Inspected old oil filter for metal, none found. Cleaned, gaped and rotated spark plugs. Compression follows: #1-78/80, 2-78/80, 3-77/80, 4-78/80, 5-78/80, 6-78/80. Inspected exhaust system and heat muff. Inspected intake system. Checked all hoses and lines. Inspected and lubed engine controls. Checked shock mounts. Checked and adjusted mag timing. See AD listing for AD's complied with. I certify that this engine has been inspected in accordance with a Annual inspection and found to be in airworthy condition.

Signed Kenneth L. Harris IA3379187 Date 5-1-15

May 15, 2017	N2019S	Cessna-T210L	Continental TSIO-520-R
Tachometer-309.4		S/N-21060987	S/N-825540-R
TTAF-3102.8			TTE-2213.8/TSMOH-309.4

Complied with an ANNUAL inspection in accordance FAR part 43 appendix D under the scope and detail of items for this ENGINE. Compressions tests are as fallows #1-70/80, #3-72/80, #5-76/80, #2-70/80, #4-75/80, #6-77/80. Drained hot engine oil and installed new oil filter P/N-AA48108 and re-filled oil sump with (10) quarts of Phillips XC- 20W50. Cleaned gapped inspected rotated and tested all spark-plugs. I certify that this engine has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.

Michael A Caney  
A&P28053351A

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