

N617CC

1980 Cessna 421C

LH Engine Logbook SMOH 2021-2022

Aircraft S/N: 421C-0897



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time
2/1/2021	958.8	0.0	



CONTINENTAL GTSIO-520-L Left Engine S/N 1032409

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/ CMI SM X-30045 and M-0, Standard Practice Maintenance Manual. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnetic particle inspected, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. P, dated 07/19/2017. Above referenced engine modified per STC SE8338SW-D. Installed new RAM camshaft p/n 2621-1, s/n XGE20007 as direct PMA replacement of Continental camshaft. Installed new lifters p/n SA628488 (int), p/n SA646277 (exh). AD 10-11-04 n/a to lifter p/n installed. Installed new VAR crankshaft p/n 653020, s/n N19JA067. Ultrasonic inspection per MSB96-10B, due at next overhaul or when removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-6B. Engine assembled with overhauled CMI heavy style crankcase p/n 654119-12, s/n R03LA053. Installed new CMI steel cylinders. Installed new RAM/FAA/PMA fuel nozzles p/n 2563-19A. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Installed overhauled oil cooler p/n 8000464, s/n 3859316. Engine accessories exchanged for overhauled or new units with exception of prop governor, vacuum pump, hydraulic pump and tach generator which were not installed per this work order. Installed new Plane Power C28-150 alternator (weight 13.0 lbs.), s/n H-U121210. This may require a weight and balance change. Installed overhauled alternator drive coupling p/n 646655, s/n QAA053578. Overhauled Bendix magnetos installed. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Installed rocker arms p/n 1654-1 and -2 (STC SE8338SW-D). Starter adapter shaftgear and crankshaft gear inspection, AD 2007-05-15 c/w per TCM Service Bulletin MSB94-4H Part 5 per installation of Service Kit EQ6642 with bushing p/n 654472. Damper backlash inspection per Part 2 due in 100 flight hours. Visual inspection of crankshaft gear and starter adapter shaft-gear due per Part 3 in 400 flight hours. Category 1 thru 3 CMI Service Bulletin Compliance Listing in RAM Manual. Relocated turbo oil supply line per RAM Dwg. No. 1224, Rev H, dated 11-18-03 per STC SE8338SW-D. AD 87-04-05 n/a per engine model. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-1. Installed RAM-FAA-PMA rocker box cover gaskets p/n 1366-1. Engine ground run on test stand per RAM specifications for 3 hours. Engine run-in with Aeroshell 100 Mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Continental M-0, Standard Practice Maintenance Manual, and temporary storage up to 90 days. Pertinent details on file under Project No. 9761.

Lawrence P. Garcia

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

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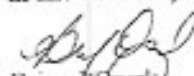
February 26, 2021 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7514.1 Total time 958.8

On this date installed this engine on left side N617CC after overhaul by RAM Aircraft. Installed all new fluid carrying hoses. New engine isolators and safety washers torqued IAW Cessna service manual. Reinstalled vacuum pump and hydraulic pump. Added 12 qt acrosshell 100 oil and preoiled turbocharger and oil system.

I certify that this engine has been inspected IAW FAR 43 App (d) a 100 Hr inspection and was determined to be in and airworthy condition.



Brian J Ozark
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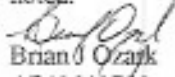
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June 2, 2021 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7535.1 Total Time 979.8 TSOH 21.0

On this date drained oil and inspected filter. Added 12 qts Aeroshell W100 oil and 1 AA48111-1 filter. C/W AD2000-01-16 para (b) no defects noted next inspection due hobbs 7436.2. Washed and ground ran engine no leaks noted.



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August 10, 2021 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7571.5 Total Time 979.8 TSOH 57.4

On this date repaired and rerigged throttle connection at fuel control. Set idle speed and mixture.



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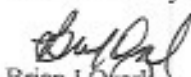
September 28, 2021 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7579.8 Total time 958.8 TSOH 44.7

On this date drained oil and inspected filter. Added 13 qts Aeroshell W100 oil and 1 CH48111-1 filter. Cleaned gapped and tested spark plugs. Inspected fuel inlet filters. Pressurized and leak checked fuel system and set high and low fuel pressures IAW TCM maintenance manual M-0. C/W AD2007-05-15 rev 4-16-07 IAW part (i2) no defects noted. Para (i2) due at hobbs 7779.8 or September 2023. Ground ran engine and checked fuel pressures.

I certify that this engine has been inspected IAW FAR 43 App (d) a 100 Hr inspection and was determined to be in and airworthy condition.



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November 21, 2021 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7605.3 Total Time 1050.0 TSOH 91.2

On this date drained oil and inspected filter. Added 12 qts Aeroshell W100 oil and 1 AA48111-1 filter. C/W AD2000-01-16 para (b) no defects noted next inspection due hobbs 7655.3. Washed and ground ran engine no leaks noted.


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LOGBOOK ENTRY

DATE: 3/3/22 MAKE: Cessna N# 617CC TACH: 7642.3

Left engine

Changed oil and filter. Serviced with Aeroshell W100 Plus and a CH48111-1. Retrieved an oil sample for analysis. Replaced wastegate control valve with overhauled P/N 481064-9001 S/N YF023532. Ground ran engine for leak check. No leaks noted this date.


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June 29, 2022 CESSNA 421C S/N 421C0897 N617CC

Continental GTSIO-520-L S/N 1032409 (Left)

Hobbs 7703.1 Total Time 1147.8 TSOH 189.0

On this date drained oil and inspected filter. Added 12 qts Aeroshell W100 oil and 1 AA48111-1 filter. C/W AD2000-01-16 para (b) no defects noted next inspection due hobbs 7753.1. Removed oil cooler and installed new cooler P/N 8000464 S/N 3859745 using all new O-rings and gasket. Washed and ground ran engine no leaks noted.


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