

Page No. _____

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	
				TOTALS brought forward from previous page	

N31C (Left Engine Logs)

TCM GTSIO 520L S/N 292090-R

Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Cessna 421C, s/n 421C0096

this date. Performed post inspection operational checks per FAR43.15 (c)

Changed oil and filter (Phillip X-C 20W50) Cut and inspected oil filter OK. Completed oil analysis. (Blackstone) Preoiled engine prior to start.

Compression #1 62/80 #2 49/80 #3 62/80 #4 51/80 #5 48/80 #6 72/80

Current Compression Requirements of CMI M-O Manual section 6-4.11.2.4 Diff. Press. Test (Master Orifice reading Minimum 46 PSI)

Borescope insp. per CMI M-O Manual section 6-4.11.3.

Cleaned and gapped spark plugs per CMI M-O Manual section 6-4..9.2

CW Magneto timing per Continental M-O manual section 6-4.9.1 (superseded MSB94-8D) Magneto to Engine Timing (Continental)

Cleaned and resealed injector nozzles per CMI M-O Manual section 6-4.17

Repaired broken ground wire on left fire probe.

CW AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F)Starter adapter reoccurring inspection

CW (h) 100 hr. or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06"). .032, .03, .04, .042)

Inspection due at next 100 hr. or annual. (Hobbs 2170.0 or Aug 2021)

CW (j) 400 hr. Removal inspection per MSB94-4 part 3. Removed/insp OK (Due in 400 hr. Hobbs 2470.0 /act TT 6772.0)

CW Continental Aerospace bulletin MSB18-08B by inspection of cylinders. All installed cylinders are prior to Nov 2014 and

Cylinders installed at OVH 4/24/13 an Identified as NOT Affected per service bulletin Page 3 item 1.

AD2020-16-01 eff. 9/21/20 Continental Cylinders: is not applicable to currently installed cylinders as defined in MSB18-08B above.

No further action required.

DATE 8/20/2020

HOBBS 2070.0 / Acft TT 6372.0

Engine TT 5445.4 Engine TSMOVH 795.9

The engine identified was repaired and/or serviced in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

Anthony R. Saxton AP32537461

A handwritten signature in blue ink that reads "Anthony R. Saxton".

September 1, 2021 N31C

LEFT ENG- TCM GTSIO-520-L S/N 292090-R

HOBBS -2104.0 TSOH- 829.9 TTAFA 6406.0

Inspected this engine per 100 hour checklist meeting the requirements of 14 CFR part 43 appendix D in conjunction with and annual inspection. Changed the oil and filter. Serviced with 11 quarts of Phillips 20/50 X/C oil. Cut open the old filter and inspected. No abnormal indications were found. Compression test results were as follows: #1-77/80 #2-64/80 #3-65/80 #4-72/80 #5-77/80 #6-72/80. Checked the magneto timing and found it was set to the manufactures data plate specification. Complied with AD 2007-05-15 starter adapter failure in accordance with par (h)(1)&(2) per MSB94-4g and found acceptable with .04 backlash. par (g) is next due if engine experiences rough running, par. (h) is next due at total time 6506.0 or September 2022. and par (j) is next due at total time 6772.0. This engine has been inspected/repaired and or serviced in accordance with current FAA regulations and is approved for return to service at this time and date with respect to the work performed. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection per 14 CFR part 43 appendix D and is determined to be in airworthy condition at this time and date. Performed post inspection operational checks per 14 CFR 43.15(c). Operational and leak checks satisfactory. This engine is approved for return to service. End.

A handwritten signature in blue ink that reads "James Hoddenbach".

JAMES HODDENBACH AP26078371A

SUB-TOTALS this page

TOTALS—Carry forward to next page

Page No. _____

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	
				TOTALS brought forward from previous page	

N31C (Right Engine Logs)

Continental GTSIO-520L S/N 292355.R

Annual Inspection on Cessna 421C, s/n 421C0096

Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Cessna 421C, s/n 421C0096 this date. Performed post inspection operational checks per FAR43.15 (c)

Changed oil and filter (Phillip X-C 20W50) Cut and inspected oil filter OK. Completed oil analysis. (Blackstone) Preoiled engine prior to start. Compression #1 76/80 #2 70/80 #3 72/80 #4 77/80 #5 72/80 #6 77/80

Current Compression and bore-scope Meets Require. of TCM SB03-3 Diff. Pressure Test 3/28/03. (Master Orifice reading Minimum 46 PSI)

Borescope insp. per CMI M-O Manual section 6-4.11.3.

Cleaned and gapped spark plugs per CMI M-O Manual section 6-4.9.2 Replaced 6 plugs with new URHB32E Plugs.

Replaced right mag gasket. CW Magneto timing per Continental M-O manual section 6-4.9.1 (superseded MSB94-8D) Magneto to Engine Timing (Continental)

Cleaned and resealed injector nozzles per CMI M-O Manual section 6-4.17
Replaced oil filler neck gasket. Replaced tach generator cannon plug with new 97-3106A-10SL-3S plug. Repaired various baffle seals. Replaced #2 cylinder push rod seals.

CW AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F) Starter adapter reoccurring inspection

CW (h) 100 hr. or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06"). .04, .04, .05, .04

Inspection due at next 100 hr. or annual. (Hobbs 2170.0 or Aug 2021)

CW Continental Aerospace bulletin MSB18-08B by inspection of cylinders. All installed cylinders are prior to Nov 2014 and

Cylinders installed at O VH 12/9/13 an Identified as NOT Affected per service bulletin Page 3 item 1.

AD2020-16-01 eff. 9/21/20 Continental Cylinders: is not applicable to currently installed cylinders as defined in MSB18-08B above.

No further action required.

DATE 8/20/2020

HOBBS 2070.0 / Acft TT 6372.0

Engine TT 2902.7 Engine TSMOVH 676.8

The engine identified was repaired and/or serviced in accordance with current Federal Aviation Administration regulations and is hereby approved for return to service with respect to work performed.

"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION."

Anthony R. Saxton AP32537461A

September 1, 2021 N31C
RIGHT ENG- TCM GTSIO-520-L S/N 292355-R
HOBBS- 2104.0 TSOH- 710.8 TTAF-6406.0

Inspected this engine per 100 hour checklist meeting the requirements of 14 CFR part 43 appendix D in conjunction with and annual inspection. Changed the oil and filter. Serviced with 11 quarts of Phillips 20/50 X/C oil. Cut open the old filter and inspected. No abnormal indications were found. Compression test results were as follows: #1-78/80 #2-80/80 #3-67/80 #4-74/80 #5-66/80 #6-80/80. Checked the magneto timing and found it was set to the manufactures data plate specification. Complied with AD 2007-05-15 starter adapter failure in accordance with par (h)(1)&(2) per MSB94-4g and found acceptable with .04 backlash. par (g) is next due if engine experiences rough running, par. (h) is next due at total time 6506.0 or August 2022. and par (j) is next due at total time 6772.0. Troubleshoot oil leak originating on the right side of the engine and found the lower aft nut on the through bolt on the number one cylinder was broken. Removed the cylinder and replaced the nut with a new part number 652541 and torqued per TCM SB96-7C. This engine has been inspected/repaired and or serviced in accordance with current FAA regulations and is approved for return to service at this time and date with respect to the work performed. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection per 14 CFR part 43 appendix D and is determined to be in airworthy condition at this time and date. Performed post inspection operational checks per 14 CFR 43.15(c). Operational and leak checks satisfactory. End.

JAMES HODDENBACH AP26078371A

SUB-TOTALS this page

TOTALS—Carry forward to next page

September 1, 2021 N31C
RIGHT PROP M/N-3FF32C501-B S/N-022269
HORBS- 2104.0 TTAF-6406.0 Prop TT- 2138.2

HOBBS- 2104.0 TTAF-6406.0 Prop TT- 2138.2
I certify that this propeller has been inspected in accordance with an annual inspection and is determined to be in airworthy condition at this time and date. End. 

JAMES HODDENBACH AP2607837IA

SUB-TOTALS this page

TOTALS—Carry forward to next page