


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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**N31C (Right Engine Logs)
CMI GTSIO520-L S/N 292355-R**

Installed this engine in Right side of N31C Cessna 421C0096.
 Installed with new motor mounts and attach bolt lock tabs, Flex hoses , spark plugs, and RAM provided accessories (per RAM project # 7026) .
 Time continued vacuum pump, tach generator, Landing gear and A/C pump and prop governor (flushed and cleaned tach generator) from previous engine.
 Serviced with new oil filter and Phillips 20W/50 Mineral. Pre-oiled engine/turbo as per RAM instructions.
 Engine test run and set up operations as required.

CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of (right side only) filter due again in (500 hr. at hobbs1927.3)


DATE 12/20/2013	HOBBS 1427.3	ENG Total time 2774.9	Engine TSMOVH "0.0"
Anthony R. Saxton AP32537461A 			



**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R**

Replaced right side vacuum pump with OVH exchange Pesco 3P207JA s/n PE036461DC returned to service by Quality Aircraft Acc. CRS# QYIR334Y w.o.# WO1170011166.

Replaced various vacuum feed hoses. Replaced Oring and sealed dip stick housing to case seal.

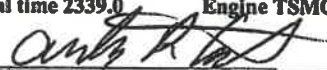
DATE 2/14/2014	HOBBS 1473.6		
Anthony R. Saxton AP32537461A 			



**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R**

Changed oil and filter (Phillip X-C 20W50)

Confirmed with RAM Aircraft the installed turbocharger # 465930-9003 s/n TIRC125P does not apply to Hartzell Engine Technologies Alert Service Bulletin No. 057. Bulletin. Affected back plate not installed in this unit during OVH.

DATE 3/18/2014	HOBBS 1491.4	ENG Total time 2339.0	Engine TSMOVH 64.1
Anthony R. Saxton AP32537461A 			



**N31C (Right Engine Logs)
McCauley 3FF32C501 S/N 022268**

Inspected engine as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (c)(2) and FAR 43 App. D. Performed post inspection operational checks per FAR43.15 (e)

Compression #1 78/80 #2 77/80 #3 74/80 #4 78/80 #5 78/80 #6 74/80

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

Changed oil and filter (Phillip X-C 20W50) Completed oil analysis (Blackstone)


Clean and rotated spark plugs. Cleaned and resealed fuel injector nozzles.

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

(h) 100 hr/ or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06"). (.05, .05, .05, .03)

Inspection due at next 100 hr. or annual. (Hobbs 1408.5 or May 2014)

CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of(right side) filter due again in (500 hr. at hobbs 2045.1)

DATE 7/2/2014	HOBBS 1545.4	ENG Total time 2393.0	Engine TSMOVH 118.1
"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."			
Anthony R. Saxton AP32537461A 			

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N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R

Changed oil and filter (Phillip X-C 20W50)

DATE 12/18/2014	HOBBS 1624.9	ENG Total time 2472.5	Engine TSMOVH 197.6
Anthony R. Saxton AP32537461A <i>[Signature]</i>			



N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R

Changed oil and filter (Phillip X-C 20W50)

AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F) Starter adapter reoccurring inspection
(h) 100 hr/ or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06")
.040/.040.050/.050

DATE 5/5/2015	HOBBS 1675.0	ENG Total time 2522.6	Engine TSMOVH 247.7
Anthony R. Saxton AP32537461A <i>[Signature]</i>			



N31C (Right Engine Logs)
McCauley 3FF32C501 S/N 022268

Inspected engine as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (c)(2) and FAR 43 App. D. Performed post inspection operational checks per FAR43.15 (c)

Compression #1 75/80 #2 78/80 #3 78/80 #4 75/80 #5 73/80 #6 73/80

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

Changed oil and filter (Phillip X-C 20W50) Completed oil analysis (Blackstone)

Replaced all spark plugs with new Champion RHB32E plugs. Cleaned and resealed injector nozzles.

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

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

Inspection due at next 100 hr. or annual. (Hobbs 1785.3 or Aug 2016)

C:W AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of (left side) filter due again in (500 hr. at hobbs 2185.3

DATE 8/17/2015	HOBBS 1685.3	ENG Total time 2532.9	Engine TSMOVH 258.0
"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."			
Anthony R. Saxton AP32537461A <i>[Signature]</i>			

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**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R**

Changed oil and filter (Phillip X-C 20W50)

DATE 5/11/2016	HOBBS 1792.4	ENG Total time 1640.0	Engine TSMOVH 365.1
Anthony R. Saxton AP32537461A <i>Anthony R. Saxton</i>			



**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355.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)
 Compression #1 71/80 #2 76/80 #3 76/80 #4 70/80 #5 70/80 #6 70/80
 Current Compression and bore-scope Meets Require. of TCM SB03-3 Diff. Pressure Test 3/28/03. (Master Orifice reading Minimum 46 PSI)
 Changed oil and filter (Phillip X-C 20W50) Completed oil analysis. (Blackstone)
 Cleaned and rotated spark plugs. Cleaned and reseat fuel injector nozzles. Replaced seal in tach generator drive.
 CW AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F) Starter adapter reoccurring inspection
 (h) 100 hr/ or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06"). (.04, .045, .032 .04)
 Inspection due at next 100 hr. or annual. (Hobbs 1950.0 or Sept. 2017)
 (j) 400 hr. Removal inspection per MSB94-4 part 3 and found OK Reinstalled. (Due again in 400 hr. at Hobbs 2250.0)

DATE 9/9/2016	HOBBS 1850.0	Engine Total time 2697.6	Engine TSMOVH 422.7
"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 <i>Anthony R. Saxton</i>			



**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R**

Changed oil and filter (Phillip X-C 20W50)

DATE 1/09/2017	HOBBS 1862.2	ENG Total time 2709.8	Engine TSMOVH 434.9
Anthony R. Saxton AP32537461A <i>Anthony R. Saxton</i>			



**N31C (Right Engine Logs)
Continental GTSIO-520L S/N 292355-R**

Changed oil and filter (Phillip X-C 20W50)

DATE 8/23/2017	HOBBS 1911.9	ENG Total time 2759.5	Engine TSMOVH 484.6
Anthony R. Saxton AP32537461A <i>Anthony R. Saxton</i>			

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