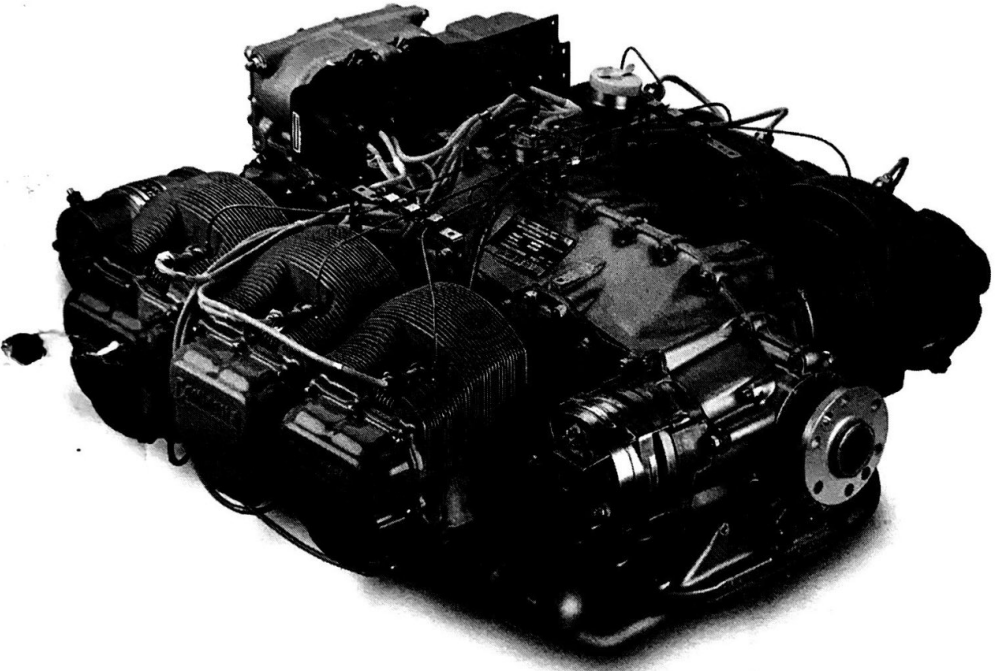


Rt engine

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book
Directly to:

**Engine Return Department
2039 Broad Street
Mobile, AL 36615**

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.
A Teledyne Technologies Company

Production Certificate 508

Printed: 12/06/2009

Test Date: 12/06/2009

**This engine model GTSI0520D22B , serial number 1001377
was rebuilt by Teledyne Continental Motors in accordance with
approved design data and the applicable requirements of Part 21 of
the Federal Aviation Regulation. The approved design data for this
engine incorporates all changes required by applicable
Airworthiness Directives and Teledyne Continental Motors Service
Bulletins.**

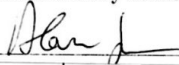


Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

12/22/2009 Hobbs Time 514.0 Total Time 0.0 TSMOH 0.0

Installed this engine on N712JW in right position. Installed turbo P/N 406990-4 S/NKF000266. Removed hoses and pressure checked and reinstalled. Serviced the engine with 12 quarts Phillips 20W50 mineral oil. Run up and leak check good.

I certify that this engine has been inspected in accordance with an Annual inspection and has been determined to be in an airworthy condition at this time.

Alan Spencer 523412198 IA 

5-15-2010 Hobbs Time 22.5 total time 49.2

Drained oil and changed the filter. Serviced with 10 quarts Aeroshell 100W oil. Run up and leak check good.

Complied with 00-01-16 par b by visual inspection, next due 52.5


Alan Spencer A&P 523412198 

1/03/2011 Hobbs 59.9 TTE 86.6

Serviced and inspected this engine in accordance with the Cessna 421 service manual.

Checked compression and performed borescope inspection IAW TCM SB 03-3 and found satisfactory at this time. Oil & filter changed. Serviced with 13 quarts Aeroshell 15W-50. CW AD 07-05-15 part 2, lash= .015", next due 159.9. Checked mag timing.


I certify this engine has been inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition this date and time.

Cormac C. Thompson, III A&P 533962177 IA 

TCM GTS10-520-D22B s/n 1001377 Right Engine


August 12, 2011 Hobbs 100.4 TTE 127.1

Changed oil 12 quarts Aeroshell W100, changed oil filter AA48111. Open and inspected old oil filter, no contaminants found. Checked compressions #1-75/80, 2-77/80, 3-75/80, 4-76/80, 5-73/80, 6-74/80. CGR plugs. Compression check and borescope inspection accomplished in accordance with TCM SB03-3, all indications normal. Inspected exhaust system per AD 00-01-16 para b & e and found satisfactory. Sparkplugs installed with new M-674 gaskets. Run-up and leak check performed, no leaks noted. All operations normal.


Cormac C. Thompson, III A&P 3134821 IA 

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Bro/ TCM GTSIO-520-D(22)B s/n 1001377 Right
February 02, 2012 Hobbs 132.0 TTE 158.4 TSMOH 158.4
 Checked compressions and performed borescope inspection in accordance with TCM SB03-3. All results normal and satisfactory. Changed oil 11 qts Aeroshell 15W-50. Changed filter. Open and inspect old oil filter, no contaminants found. Checked mag timing IAW MSB94-8D. Clean, gap and rotate sparkplugs. CW AD *07-05-15 Part 2 Lash = .016", due next at Hobbs 232.0. Engine run and inspected for leaks, none found. All operations normal.
I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition this date and time. END

Cormac C. Thompson, III A&P 3134821 IA 

TCM GTSIO-520-D(22)B s/n 1001377 Right
March 06, 2013 Hobbs 134.0 TTE 160.4 TSMOH 160.4
 Checked compressions and performed borescope inspection in accordance with TCM SB03-3. All compressions and borescope results normal and satisfactory. Changed oil 11 qts Aeroshell 15W-50. Changed filter. Open and inspect old oil filter, no contaminants found. Checked mag timing IAW MSB94-8D. CW AD *07-05-15 Part 2 Lash = .016". Engine test run and inspected for leaks, none found.
I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition this date and time. END

Cormac C. Thompson, III A&P 3134821 IA 



10/15/2014 | N712JW | GTSIO-520-D(22)B S/N: 1001377

Hobbs Time: 136.1 | TSMOH: 162.5 | TTE: 162.5 **Right engine**
 Checked compressions and performed borescope inspection in accordance with TCM SB03-3. All results normal and satisfactory. Changed oil and filter and serviced engine with 11qts of Aeroshell 15W-50 oil. Cut filter element and inspected for particles of defect, none noted at this time. Checked magneto timing. Cleaned, inspected and gapped all plugs. Lubricated waste gate. Run up and leak check normal.
 CW AD *07-05-15 part 2 Lash = .016", next due 236.1 or 12 calendar months.
I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition this date and time. *END*

Tom Allard A&P 3205666 IA 

Date	Total Time		Time Since Last Overhaul		<h3>Engine Service and Maintenance Record</h3> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



2722 Perimeter Rd #110 North Las Vegas, NV. 89032 Phone: 702.636.6555 August 02, 2016
 Reg: N712JW S/N: 421A0128 Hobbs: 165.5 AFTT: 3,578.0 Ref: WO: VGT-1596
 Right Engine: GTSTO-520-D(22)B SN: 1001377 ETT: 191.9 TSMOH: 191.9

Checked compressions and performed bore-scope inspection in accordance TCM SB03-3 no defects or anomalies noted. Compression were 1-74, 2-77, 3-76, 4-78, 5-62, and 6-79/80 hot. Changed oil and filter, inspection of filter element resulted in no anomalies. Installed filter PN: CH48111 and replenished oil with Aeroshell 100W. Checked magnetos timing, cleaned, inspected, gapped and tested all spark plugs. Accomplished AD 07-05-15 part 2 Lash = .016", next due at Hobbs time 365.5 or 09/2016. This engine is in compliance with all airworthiness Directives through Biweekly 2016-15.

I certify that this engine has been inspected in accordance with a 100 hour inspection checklist and was determined to be in an airworthy condition. The maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43, and with respect to the work performed above is airworthy and approved for return to service.


 Glenn Austin IA3057240

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08-13-17

Date: 08/13/2017 **Hours:** 192.4 SMOH **Tail:** N712JW
Make: continental **Model:** GTSIO-520D **Serial:** 1001377

Comments:
 Drained oil & installed new champion 48111-1 oil filter. Serviced with 13 quarts aeroshell 100/50. Removed cleaned and tested spark plugs, performed bore scope inspection per TCM SB03-3 no defects noted. compression checked #1 72/80 #2 74/80 #3 75/80 #4 77/80 #5 70/80 #6 79/80 , hot. mag timing checked satisfactory. Accomplished A.D 07-05-15 (2) lash .016, next due Hobbs 266.0 or annual. washed engine and lubricated engine controls. A.Ds checked through date see list.
 " I certify that I have inspected this engine I.A.W an annual inspection and was found to be in airworthy condition at this time.

Name: Joseph F. Sheble III **Cert:** 3165317 IA
Signature: 

HORTON AVIATION SERVICES LLC
FAA CRS YHSR-284L
2732 PERIMETER ROAD, SUITE 101
N. LAS VEGAS NV 89032

N# N712JW MFG. CESSNA MODEL 421A S/N 421A0128
W.O.18-211 Date: 9/01/18 HOBBS: 227.6

RIGHT ENGINE GTSTO-520-D(22)B S/N 1001377 TSMOH: 254.0

Compression check #1 65/80 #2 70/80 #3 65/80 #4 68/80 #5 70/80 #6 68/80. Changed oil and oil filter with aeroshell W100 and CH48111-1, replaced induction filter, c/w AD 07-05-15 Test run and leak check normal. Test run and leak check normal. I certify that this engine has been inspected I/AW an annual inspection and found to be in an airworthy condition. The aircraft and/or components above were repaired and inspected in accordance with Federal Aviation Regulations and are approved for return to service. Pertinent details are on file at this agency under above work order number. **APPROVED FOR RETURN TO SERVICE**

[Signature]

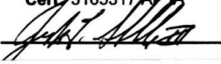
Service and Maintenance Record

Inspections, Airworthiness Directives, Special Inspections, and Service Bulletins

			Date: 09-19-2019	Hours: 331.6 SMOH	Tail: N712JW right
			Make: Continental	Model: GTSIO-520-D(22)	Serial: 1001377
			Comments:		
			Drained oil and serviced with 12 quarts aeroshell 100W/50, Installed new champion oil filter CH-48111-1. removed, cleaned, gapped, and tested spark plugs, mag timing checked satisfactory. Compression checked #1 65/80 #2 65/80 #3 70/80 #4 68/80 #5 65/80 #6 70/80. C/W AD 07-05-15 see AD list for details.		
			Name: Chris Sova	Cert: 454278047	<i>LA</i>
			Signature: <i>[Signature]</i>		
			Date: 01-27-2021	Hours: 354.3 hobbs	Tail: N712JW
			Make: Continental	Model: GTSIO-520-D(22)	Serial: 1001377
			Comments:		
			Drained oil and serviced with 12 quarts aeroshell 100w/50, Installed new champion oil filter 48-111-1. Removed cleaned, gapped, and tested spark plugs. Compression checked #1 65/80 #2 72/80 #3 65/80 #4 65/80 #5 70/80 #6 72/80. Mag timing checked satisfactory, pressurized intake and exhaust system and checked for leaks, non detected. Washed engine and lubricated engine controls. C/W A.D 07-05-15 by visual inspection and measurement. next due at annual or 100 hours. "I certify that I have inspected this engine I.A.W a annual inspection and was found to be in airworthy condition at this time."		
			Name: Joseph F. Sheble III	Cert: 3165317IA	
			Signature: <i>[Signature]</i>		

09-19-2019
ANNUAL

01-27-2021
ANNUAL

Date	Total Time		Time Since Last Overhaul		<h1>Engine Service and Maintenance Record</h1> <p>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	
<p>RENT = <u>469.1</u></p> <p>There is no SMOH! The engine was <u>REBUILT in 2009</u></p>					
<p>Date: 04/26/2022 Hours: 442.4 Hobbs 448.8 SMOH right engine</p> <p>Tail#: N712JW</p> <p>Make: Textron (Cessna) Model: 421A S/N: 421A0128</p> <p>Drained oil and installed new champion CH48111-1 oil filter, Serviced engine with 12 quarts phillips 20/50 XC. Removed upper spark plugs cleaned gapped and tested. Compression checked as follows, #1 75/80 #2 75/80 #3 77/80 #4 80/80 #5 78/80 #6 80/80.</p>					
<p>Name: Joseph F Sheble III Cert: 3165317 AP IA</p> <p>Co: Northtown Aviation Sign: </p>					