

N80RS
LEFT ENGINE



CONTINENTAL

A E R O S P A C E T E C H N O L O G I E S

**LEFT
ENGINE
LOG
BOOK**

Publication ELB-01

JUN 2019

Service Information

Consult the Continental web site at <http://www.continental.aero> for engine related news or announcements. The web site contains useful information for Continental engine owners, including service information and illustrated parts catalogs.

If Internet access is not available, contact our Customer Service Department at:
1-888-826-5465 Toll free in the United States or 1-251-436-8299 for International customers

Warranty Information

This product is covered by Continental Aerospace Technologies™ product warranty. To read or download a copy for your records, please visit the Product Warranty page on our web site at: <http://www.continental.aero/services/warranty.aspx> or scan the QR Code to the right to navigate to the page:



Instructions for Continued Airworthiness

For complete access to the engine Instructions for Continued Airworthiness, Illustrated Parts Catalogs, Service Documents, Technical Briefs, company news, and upcoming events, please take a few moments to register the serial number of your engine on our web site: <http://www.continental.aero/services/owner-registration.aspx> or scan the QR Code to the right to navigate to the page:



Engine Returns

Return engines for core credit with this log book to:
Continental Aerospace Technologies
2039 Broad Street
Mobile, AL 36615 USA

Return engines for overhaul with this log book to:
Continental Services
Factory Service Center
8600 County Road 32
Fairhope, Alabama 36532 USA

**USE ONLY FUEL SPECIFIED IN OPERATOR'S
MANUAL OR TYPE CERTIFICATE DATA SHEET
USE OF AUTOMOTIVE FUEL IS PROHIBITED**



Continental Motors

FAA PRODUCTION CERTIFICATE NO. 508

If a label indicating the engine model and serial number is not affixed in this location, this is not the original. Consult the original engine log book prior to the information recorded in this log book.

Printed: 12/18/2021
Test Date: 12/18/2021

This engine model GTS10520H1B, serial number 1042575 was manufactured by Continental Motors, Inc. in accordance with approved design data and the applicable requirements of 14 CFR, Part 21. The approved design data for this engine incorporates all changes required by applicable FAA Airworthiness Directives and Continental Motors Service Bulletins.


CONTINENTAL MOTORS, INC.

Form 6012-03 (Rev. 8/97) 2014

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	

Customer Copy



Continental Motors Engine Component Information Sheet

Printed: 12/18/2021

Assembled: 12/13/2021

Shipped: / /

Packed: 12/18/2021

Serial: 1042575

Spec: GTS10520H1B

New/Rebuilt: (NEW)

Customer Name: AIR POWER, INC

Shipping Address: 4900 SOUTH COLLINS

Component	Serial Number
CAMSHAFT	417096

CRANKSHAFT	N21CA034	CRANKCASE	R21KA105	DRIVE GEAR	381	DRIVEN GEAR	20
CONROD	CE21BA177	CONROD	CE21BA291	CONROD	CE21BA218	CONROD	CE21BA030
CONROD	CE21BA186	CONROD	CE21BA089	L MAGNETO	F21GA019	R MAGNETO	F21JA003
FUEL PUMP	B21CA006	MANIFOLD VALVE	C21JA049	METERING UNIT	A21LA018R	NOZZLE - 1	1488
NOZZLE - 2	2488	NOZZLE - 3	3488	NOZZLE - 4	4488	NOZZLE - 5	5488
NOZZLE - 6	6488	CYLINDER - 1	AC21EA953	CYLINDER - 2	AC21EA907	CYLINDER - 3	AC21EA956
CYLINDER - 4	AC21EA915	CYLINDER - 5	AC21EA945	CYLINDER - 6	AC21EB038	STARTER	H-E-172138
STARTER ADAPTER	H-U062553	CONTROLLER	H-WCN00175	OIL COOLER	I21-6474-07	CYLINDER-1	AC21EA953



Back Inspection Stamp

All of the information provided herein is subject to verification by the user. Continental Motors, Inc. makes no representation or warranty concerning the accuracy or completeness of the information and assumes no responsibility with respect thereto.

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record
	Hours	Min	Hours	Min	
Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins					
Carried forward →					

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with CM standard engine testing specifications as approved by the FAA.

Engine Model GT810520H1B

Engine Serial Number 1042575

Testing Completed

Standard Acceptance Test:

Date of Completion 17 DEC 21 Test Operator [Signature]



Continental Motors, Inc.

Form No 98344



CONTINENTAL
AEROSPACE TECHNOLOGIES

THE OIL PRESSURE ON THIS ENGINE WAS ADJUSTED DURING THE ENGINE ACCEPTANCE TEST AT THE FACTORY. ONLY MINOR ADJUSTMENTS MAY BE NECESSARY TO ASSURE THE PROPER INDICATION ON THE COCKPIT GAUGE.

FACTORY SETTINGS:
RPM 2257 OIL TEMP 211 OIL PRESSURE 41.7
OIL PRESSURE PICK UP POINT: MAIN OIL GALLERY
BETWEEN #2 AND #4 CYLINDERS

655305 Rev. C

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					

N80RS (Left Engine Logs)

Continental Aerospace GTSIO 520H1B S/N 1042575

- Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Cessna 421B, s/n 421B0895 this date. Performed post inspection operational checks per FAR43.15 (c)
 - Installed this factory "NEW" engine in left side of Cessna 421B s/n 421B0895
With installed components listed on Engine Component Information Sheet #QA-85A 12/18/2021.
 - Installed Wastegate #470830-9020 s/n H-YIO00021OVH and returned to service by Hartzell Engine Technologies (CRS#PQ1383CE-D w.o.# M245080.
 - Installed Press. Relief valve #470930-5 s/n EA0123 OVH and returned to service by RAM Aircraft CRS# (VA1R551K) w.o.# 1006960.
 - Installed wet vac pump #39207JA s/n 2003 OVH and returned to service by Aircraft Acc. Of Okla. (CRS#TM2R192L) w.o. #50026.
 - Reinstalled time continued alternator ALV9610 s/n H-V051090 previously installed 6/10/21 at Hobbs 2303.2
Current TIS 33.1 hour. Installed new eleasotmeric clutch # 646655 and new thrust washer # 658715.
Installed Alternator front mount gear drive and Drive Coupling installation per Continental M-O Procedures manual 10-4.1 through 10-4.1.5 (torque to 300-450 inch lbs.) and Hartzel Service Information letter A-140.
 - Reinstalled Time Continued Turbocharger #408610-9001 s/n CEN00878 previously OVH by Main Turbo and installed 4/17/2020 at Acft TT 5114.3 current TIS 111.7hr.
 - Reinstalled time continued tach generator Globe 22A667 s/n 21874 previously installed 10/11/2018 at acft TT 5029.0 current TIS 197.0 hr.
 - Installed with new attach bolts AN7-33A, Motor mounts #J-9613-54, lock tabs #MC0851559-1 and torque per Cessna 421B MM requirements.
 - Installed new flex fuel/oil lines with new TSO C53A type D :C75 Type III assy. Fabricated by Herber Aircraft Services (Aeroquip Prod App#PT2084CE)
 - Replaced vacuum/air/reference lines with new Mil. H 6000 hose of required size. Installed new oil fitting adapter #630119
 - New turbo to fuel control coupler RAM FAA/PMA coupling #1125-6. Replaced Oil temp cannon plug wire strain relief #97-3057-1004.
 - Replaced two faultUP1 get probs #M-111
 - Inspected/repared baffling, replaced all flex baffle with new silicon baffle material sealed areas as needed per Continental M-O Manual section 6-4.11.5
 - Engine Service with new oil filter CH48-111-1 and Phillips 20W50 MINERAL oil. (Next oil change due at 3 months or 25 hr.) at that time oil can be changed to Ashless Dispersant oil of proper viscosity of owners choice.
 - Soaked with carbon remover and Cleaned air/oil separator. Pre-oiled engine and turbo as required per Continental "Standard Practice Maintenance Manual" M-O section 5-2.9
 - Installed all new spark plugs (Champion RHB32E). installed spark plugs per CMI M-O Manual section 6-4.9.2
- Set engine fuel flow/manifold pressure/RPM per Continental M-O Manual section 6-4.10.2 (SID97-3) and 6-4.7.
- CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters Installed P10-8421 filter (due again in 500 hr. at acft TT 5726.0)
 - AD2020-16-11 eff. 9/21/2020 (GTSIO-520) Cylinder cracks due to remaining slag. (Cessna Service Letter MEL-71-03 and Continental MSB18-08C))
Inspected cylinders and found NA to per Fig. 1 of SB. No further action required.
 - AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F) Starter adapter reoccurring inspection
(g) Unscheduled Inspection following engine rough-Running
(h) 100 hr/ or annual Starter drive backlash inspection per MSB94-4F part 2 (max .06") Inspection due Acft TT 5326.0 or June 2023
(i) 400 hr. Removal inspection per MSB94-4 Left due TT 5626.0

DATE 6/1/2022 HOBBS 2336.3 AIRCRAFT TOTAL TIME 5226.0 Engine Total time "0"

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

Anthony R. Saxton

N80RS (Left Engine Logs)

Continental Aerospace GTSIO 520H1B S/N 1042575

- Removed engine driven fuel pump #646211-5A1 S/n: B21CA006.
 - Installed serviceable 646211-5A1 s/n D0200392 with new gasket.
 - Reset fuel output pressure per Continental Aerospace Technologies "Standard Practices Maintenance Manual" (M-O) Chapter 6-4.10.2.3
- DATE 6/10/2022 HOBBS 2336.3 AIRCRAFT TOTAL TIME 5226.0 Engine Total time "0"
- 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.



Anthony R. Saxton AP32537461A

Anthony R. Saxton

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 2357.6
Aircraft TT: 5248.9 Engines: Continental Engine Model#: RH&LH GTSIO-520-H
Engine Serial#s: RH: 1042536 LH: 1042575 Engine SNEW: RH: 21.3 (6-22-2022) Engine TT:
21.3 Propellers: McCauley Model: 3AF37C516 Ser#s (RH) 170125 (LH) 016433
Propellers SNEW: (RH) 205.2 (2-15-2008) SMOH: (LH) 344.3 (8-8-2016) Propellers TT:
(RH) 205.2 (LH) Unknown -

- 1) (LH Engine) Changed oil and filter. Serviced with Aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. AOA taken. Strained oil per TCM# 07-01A.
- 2) R&R Tach generator, removed Pt# 22A667 Ser# 21874, Installed Pt# 22A667 Ser# 29592, see 8130 Accessories of Oklahoma.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: July 19, 2022

Ward Foley, 32476481A

-END

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 2362.7
Aircraft TT: 5254.0 Engines: Continental Engine Model#: RH&LH GTSIO-520-H
Engine Serial#: RH: 1042536 LH: 1042575 Engine SNEW: RH: 27.9 LH: 27.9 (6-22-2022)
Engines TT: 27.9

- 1) (LH Engine) CW AD 2022-16-03. Removed LH mag Pt# 10-349220-4 Ser# F21GA019. Installed Pt# 10-349220-4 Ser# F22CA123. Remove RH mag Pt# 10-349260-7 Ser# F21JA003. Installed Pt# 10-349260-7 Ser# F22DA310. Timed per TCM SB# 94-8D.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: Aug.15, 2022

Ward Foley, 32476481A

-END

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 7.6
Aircraft TT: 5281.9 Engines: Continental Engine Model #: RH&LH GTSIO-520-H
Engine Serial#:s: RH: 1042536 LH: 1042575 Engine SNEW: RH: 55.8 LH: 55.8 (6-22-2022)
Engines TT: 55.8

Propellers: McCauley Models: RH&LH 3AF37C516 Ser#:s: RH 170125 LH 016433
Propeller SNEW: RH 238.2 (2-15-2008) SMOH: LH 377.3 (8-8-2016)

Propellers TT: RH 238.2 LH Unknown

- 1) LH Engine: Changed oil and filter. Serviced with aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. AOA taken. Strained oil per TCM SB# 07-01A.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: Jan 19, 2022

Ward Foley, 32476481A

END

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: Tach 10.6
Aircraft TT: 5284.9 Engines: Continental Model #: GTSIO-520-H
Engine Serial#:s: (RH) 1042536 (LH) 1042575 Engine SNEW RH: 58.8 LH: 58.8 (6-22-2022)
Engines TT: 58.8

- 1) CW AD 2023-05-16 Crankshaft Assy. counter weight retaining rings, per TCM MSB#23-01A on RH&LH engines.
2) AD 2023-02-12 Superior Air Parts intake valves NA per SAP MSB#22-01A (No superior valves installed).
3) Removed LH Fuel Pump pt# 646211-5A1 Ser# D050039BR. Installed pt# 646211-5A1 Ser#B21JA054. CW TCM SID#97-3G fuel system set-up.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: Apr. 5, 2023

Ward Foley, 32476481A

END

FOLEY'S AIRCRAFT

3362 Edinburgh Dr. Westminster, CA 92683

1-562-595-4264

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 14.7
Aircraft TT: 5289.7 Engines: Continental Model #: GTSIO-520-H
Engine Serial#: (RH) 1042536 (LH) 1042575 Engine SNEW: (RH) 62.9 (LH) 62.9
(6-22-2022) Engines TT: 62.9

1) Removed LH Fuel pump pt# 646211-5A1 ser# B21JA054. Installed pt# 646211-5A1 ser# B21CA006. CW TCM SID# 97-3G fuel system set-up.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: APR. 24, 2023

Ward Foley, 32476481A

END

FOLEY'S AIRCRAFT

13362 Edinburgh Dr., Westminster, CA 92683, 1-562-595-4264

Airframe: Cessna Model: 421B Serial #: 0895 N80RS Hobbs: 21.3 Aircraft TT: 5295.6
Engines: Continental Engine Models #: GTSIO-520-H Engine Serial #: (RH) 1042536 (LH) 1042575
Engines SNEW: (RH) 69.5 (LH) 69.5 (6-22-2022). Engines TT: 69.9 Propellers: McCauley Models:
RH&LH 3AF37C516 Serial #: RH 170125 LH 016433 Propeller SNEW: RH 251.9 (2-15-2008) SMOH: LH
391.0 (8-8-2016) Propellers TT: RH 251.9 LH Unknown

This (LH) engine was inspected and serviced in accordance with Cessna and Continental service manuals. The following work was performed: changed oil and filter. Serviced with Aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. CW TCM CSB# 07-01A strained oil. Performed compression test per TCM SB# 948A using 0.060 orifice tester per AC4313-1B, paragraph 8-14(B)-1: #1) 76/80; #2) 77/80; #3) 78/80; #4) 76/80; #5) 78/80; #6) 76/80. Performed bore scope inspection per TCM SB# 03-3. Checked, cleaned, inspected, gapped, tested and rotated spark plugs. Checked mag timing per TCM SB# 948E, 500hr mag inspection (RH) and (LH), Due at Hobbs: 451.4. Cleaned fuel injectors per TCM SID# 05-07. Cleaned and inspected fuel metering unit finger screen. Inspected and pressure tested exhaust system. Inspected all fuel and oil hoses. Inspected and checked engine control cables per TCM SB# 95-2, lubed as needed. Inspected engine mounts. PCW AD 2023-05-16 Crankshaft assemblies - counterweight retaining rings per TCM SB# MSB# 23-01A. AD 2023-02-12 Superior Air Parts cylinder assemblies or intake valves installed N/A per SAP MSB# 22-01A. PCW AD 2022-16-03 TCM mags roller bearings. AD 2020-16-11 Cross flow cylinder assemblies N/A per TCM# 18-08B. CW AD 2007-05-15 starter adapter assemblies (RH) and (LH), per TCM# 94-46, part 2 Visual inspection, Due at hobbs 121.3 every 100 hrs, part 3 (Remove and inspect gears) Due at hobbs 351.4, every 400 hrs. See AD list for all current ADs. Wash engine and test run. I certify that this engine has been inspected and repaired IAW FAR43, Apex D using current Cessna and Continental service manuals as a check list and guide. I certify this engine has been inspected and repaired with a 100 hr inspection and current Federal Aviation Administration Regulations and was determined to be in airworthy condition.

Date: June 27, 2023 Ward Foley, 32476481A

END

	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
FOLEY'S AIRCRAFT 13362 Edinburgh Dr. Westminster, CA 92683 1-562-595-4264			
Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 51.8 Aircraft TT: 5326.1 Engines: Continental Engines RH&LH Models: GTSIO-520-H Ser#s: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH) 100.0 (LH) 100.0 (6-22-2022). Engines TT: 100.0 Propellers: McCauley Models: RH&LH 3AF37C516 Ser#s (RH) 170125 (LH) 016433 Propeller SNEW: (RH) 282.4 (2-15-2008) SMOH: (LH) 421.5 (8-8-2016) Propellers TT: (RH) 282.4 (LH) Unknown			
1) LH Engine Changed oil and filter. Serviced with Aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. CW TCMCSB# 07-01A strained oil. Oil sample taken.			
All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.			
Date: Dec.13, 2023		Ward Foley, 32476481A <u>Ward Foley</u> END	
FOLEY'S AIRCRAFT 13362 Edinburgh Dr. Westminster, CA 92683 1-562-595-4264			
Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 66.5 Aircraft TT: 5340.8 Engines: Continental Model (RH&LH): GTSIO-520-H Engines Serial #s: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH&LH) 114.7 (6-22-2022) Engines TT: (RH&LH) 114.7 Propellers: McCauley Model: (RH&LH) 3AF37C516 Serials#: (RH) 170125 (LH) 016433 Propeller SNEW: (RH) 297.1 (2-15-2008) (SMOH): (LH) 436.2 (8-18-2016) Propeller TT: (RH) 297.1 (LH) Unknown			
1) (LH) Engine changed oil and filter. Serviced with aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. CW TCM CSB# 07-01A strained oil. Oil sample taken.			
All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.			
Date: March 19, 2024		Ward Foley, 32476481A <u>Ward Foley</u> END	

FOLEY'S AIRCRAFT

13362 Edinburgh Dr., Westminster, CA 92683, 1-562-595-4264

Airframe: Cessna Model: 421B Serial #: 0895 N80RS Hobbs: 81.3 Aircraft TT: 5375.0 Engines: Continental Engine Models #: GTSIO-520-H Engine Serial #: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH) 148.9 (LH) 148.9 (6-22-2022). Engines TT: 148.9 Propellers: McCauley Models: RH&LH 3AF37C516 Propeller Ser#: (RH) 170125 (LH) 016433 (RH) Propeller SNEW: 331.3 (2-15-2008) (LH) Propeller SMOH: 470.4 (8-8-2016) Propeller TTs: (RH) 331.3 (LH) Unknown

This (LH) engine was inspected and serviced in accordance with Cessna and Continental service manuals. The following work was performed: Changed oil filter. Serviced with Aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. CW TCM CSB# 07-01A strained oil. Performed compression test per TCM SB# 948A using 0.060 orifice tester per AC4313-1B, paragraph 8-14(B)-1: #1) 77/80; #2) 78/80; #3) 79/80; #4) 79/80; #5) 76/80; #6) 75/80. Performed bore scope inspection per TCM SB# 03-3. Replaced spark plugs. Installed Tempest URHB32Es, RH&LH engines. Check mag timing per TCM SB# 948E, 500hr mag inspection RH&LH **Due at Hobbs 451.4**. Cleaned and inspected fuel metering unit finger screen. Inspected and pressure tested exhaust system. Inspected all fuel and oil hoses. Inspected and checked engine control cables per TCM SB#95-2, lubed as needed. Inspected engine mounts. PCW AD 2023-05-16 Crankshaft assemblies - counterweight retaining snap rings per TCM SB# 23-01A. AD 2023-02-12 Superior Air Parts cylinder assemblies or intake valves installed, N/A per SAP MSB# 22-01A, Not installed. PCW AD 2022-16-03 TCM mags roller bearings. CW AD 2007-05-25 Starter adapter assemblies RH&LH, per TCM# 94-46, part 2 Visual inspection, **Due every 100hrs**, part 3 **Due at hobbs 351.4 every 400hrs**. See AD list for all current ADs. Wash engine and test run. I certify that this engine has been inspected and repaired IAW FAR43, Apex D using current Cessna and Continental service manuals as a checklist and guide. I certify this engine has been inspected and repaired with a **100hr inspection and current Federal Aviation Administration Regulations** and was determined to be in airworthy condition.

Date: June 21, 2024

Ward Foley, 32476481A

END

FOLEY'S AIRCRAFT

13362 Edinburgh Dr., Westminster, CA 92683

1-562-595-4264

Airframe: Cessna Model #: 421B Ser#: 0895 N80RS Hobbs: 123.8 Aircraft TT: 5398.1 Engines: Continental Model: (RH&LH) : GTSIO-520-H Engines Serial #: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH&LH) 172.0 (6-22-2022) Engines TT: (RH&LH) 172.0 Propellers: McCauley Model: (RH&LH) 3AF37C516 Serial#: (RH) 170125 (LH) 016433 Propeller SNEW: (RH) 354.4 (2-15-2018) Propeller SMOH (LH) 493.5 (8-18-2016) Propeller TTs: (RH) 354.4 (LH) Unknown

1) (LH) Engine changed oil and filter. Service with Aeroshell 100W plus and Champion CH48111-1 filter. Cut open filter and inspected. CW TCM CSB# 07-01A Strained oil. Sample taken.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: Jan. 14, 2025

Ward Foley, 32476481A

END

FOLEY'S AIRCRAFT

13362 Edinburgh Dr., Westminster, CA 92683

1-562-595-4264

Airframe: Cessna Model #: 421B Ser#: 0895 N8QRS Hobb: 131.3 Aircraft TT: 5405.6 Engines Continental Model: (RH&LH) : GTSIO-520-H Engines Serial #: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH&LH) 179.5 (6-22-2022) Engines TT: (RH&LH) 179.5 Propellers: McCauley Model: (RH&LH) 3AF37C516 Serial#: (RH) 170125 (LH) 016433 Propeller SNEW: (RH) 361.9 (2-15-2018) Propeller SMOH (LH) 501.0 (8-18-2016) Propeller TTs: (RH) 361.9 (LH) Unknown

1) (LH) Engine: R&R LH and RH mags. RH Pt# 10-394260-7 Ser# F22DA310. Tested IAW TCM Service Manual (X40000). (RH) Pt# 10-349220-4 Ser# F22CA123. CW 500hr. Inspection per TCM Service Manual (X40000), **Oil found in Mag.** Installed (RH&LH) mags per TCM SB# 94-8D. See 8130 Aero Accessories.

All work done using Cessna and Continental manuals as a reference and guide. I certify that this aircraft has been inspected and repaired in accordance with current Federal Aviation Regulations and was determined to be in airworthy condition.

Date: March 14, 2025**Ward Foley, 32476481A****END****FOLEY'S AIRCRAFT**

13362 Edinburgh Dr., Westminster, CA 92683, 1-562-595-4264

Airframe: Cessna Model: 421B Serial #: 0895 N8ORS Hobbs: 138.9 Aircraft TT: 5432.6 Engines: Continental Engine Models #: GTSIO-520-H Engine Serial #: (RH) 1042536 (LH) 1042575 Engines SNEW: (RH) 206.5 (LH) 206.5 (6-22-2022). Engines TT: 206.5 Propellers: McCauley Models: RH&LH 3AF37C516 Propeller Ser#: (RH) 170125 (LH) 016433 (RH) Propeller SNEW: 388.9 (2-15-2008) (LH) Propeller SMOH: 528.0 (8-8-2016) Propeller TTs: (RH) 388.9 (LH) Unknown

This (LH) engine was inspected and serviced in accordance with Cessna and Continental service manuals. The following work was performed: Performed compression test per TCM SB# 948A using 0.060 orifice tester per AC4313-1B, paragraph 8-14(B)-1: #1) 78/80; #2) 76/80; #3) 78/80; #4) 76/80; #5) 75/80; #6) 77/80. Performed bore scope inspection per TCM SB# 03-3. Cleaned, inspected, gapped and tested spark plugs. Check mag timing per TCM SB# 948E, 500hr mag inspection RH&LH **Due at Hobbs 451.4**. Cleaned and inspected fuel metering unit finger screen. Inspected and pressure tested exhaust system. Inspected all fuel and oil hoses. Inspected and checked engine control cables per TCM SB#95-2, lubed as needed. Inspected engine mounts. PCW AD 2023-05-16 Crankshaft assemblies - counterweight retaining snap rings per TCM SB# 23-01A. AD 2023-02-12 Superior Air Parts cylinder assemblies or intake valves installed, N/A per SAP MSB# 22-01A, Not installed. PCW AD 2022-16-03 TCM mags roller bearings. CW AD 2007-05-25 Starter adapter assemblies RH&LH, per TCM# 94-46, part 2 Visual inspection, **Due every 100hrs**, part 3 **Due at hobbs 351.4 every 400hrs**. See AD list for all current ADs. Wash engine and test run. I certify that this engine has been inspected and repaired IAW FAR43, Apex D using current Cessna and Continental service manuals as a checklist and guide. I certify this engine has been inspected and repaired with a 100hr inspection and current Federal Aviation Administration Regulations and was determined to be in airworthy condition.

Date: June 17, 2025**Ward Foley, 32476481A****END**

