# N23DT

1975 Cessna 421B

## RH Engine Logbok SMOH 2018 - 2024

MSN: 421B-0852



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

N19536

Kight Engine



**Engines Are Our ONLY Business** 

Gold Seal Aircraft Engines

### ENGINE MAINTENANCE RECORDS

21 Creative PI. Montrose, CO 81401 (970) 249-0232 • 800-575-9929 • FAX (970) 249-4155 www.westernskyways.com \_ `

COLD SEAL AIRCRAFT ENGINES

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**阿尔巴** 阿米巴

Engine Make: CONTINENTAL	Model: GTSIO-520-H	
Serial Number: 817630-R	W/O No: W054596	Date: 04 OCT 2018
Warranty Number: 118237	Warranty Start Date: 1	0/2018
Crankshaft Serial No: K119606N	_Cylinder Part Number:	
This engine and accessories listed below were overhos: X30045 and Western Skyways, Inc. Report Phylomar Sealant" dated 11/10/2010 on all Teledyne applicable. See back section for Airworthiness Direction in a test cell. Total Previous Time: 1340.6	ar Specification w Si-100 ( Continental Motor Engines	and Lycoming Engines as
This engine meets requirements of CONTINENTAL	L M-0 for 1600.	Hour TBO

The accessories listed below were New or Overhauled and supplied with this engine:

-	Part No.	Serial No.	Component	Part No.	Senal No.
Component  L/H Mag	BL-349220-4	F18CA159R	Prop Gov:	DCFS290D9/T6	810126
R/H Mag.		F18DA152R	Wastegate:	470830-9020	H-PE000126
Fuel Pump:	BL-349260-7	B02DA205R	Alt/Gen:	N/A	N/A
	646211-2A2		Press Rel Val:	N/A	N/A
Iny Carb	639625A11	A02DA177R	Pop Off:	N/A	N/A
Man Valve:	634326-7A10	C02DA189R	Controller:	N/A	N/A
Starter.	C24ST4 NEW	H-S072302	Turbo 2:	IVA	
Turbo:	408610-9001	FCL2235	Slone	N/A	N/A
	1,000,000		Fuel limiter:	642100-2	W054596
	1				

#### MAINTENANCE RELEASE

The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

Form 200

Repair Station No. WS9R575J

Cylinder S/N	Cylinder S/N				
1: AC18CB253	#5: AC18CB277				
72: AC18CB294	#6: AC18CB259				
#3: AC18CB271	#7: N/A				
4: AC18CB280	#8: N/A				

ge No. ——				K						
DATE	TACH OR RECORDING METER TIME				VORK PERFORMED — OF PERSON PERFORMIN	G	w	ORK		
	P	rage 1	of 2	NOTES C	OMPLIANCE RECORD					
			LAL	HOTES	OMPLIANCE RECORD					
-	E	ingine - Co	ntinental Motors - GTSIO-520-H S/N: 817	,	Western Skyweys, Inc. NS9R575J N/OB W054596					
	<del>                                     </del>	ppliance - I	Magnetos - TCM (formerly Bendix) \$-1200 series S/N: F18 S/N: F18	DA152R F	PM: BL-349220-4 PM: BL-349260-7 Vlodet: SBLN-1251, SBLN-1255					
		ppliance - 1	Turbochargers - Kelly Aerospace SAN: FCL		PN: 408610-9001					
		AD	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance		One Time	Next Comp		ure !
	74	428-00	Bendix magnetos	04 OCT 2018 1340.6	N/A per magneto part number.	$\neg$	x X	-	Larry Flatte	
	76	6-00-13	Turbocharger oil inlet adapters	04 OCT 2018 1340.6	Lay ber ending serial unturbet and tumuntscribe day		-		WS9R575J	•
	h	7-13-22 R1	Crankcase cracks	04 OCT 2018	N/A per engine serial number and manufacture date	~	1	-	WE9R575J	
	76	1-06-00	Oil pressure relief valve	1340.6 04 OCT 2018	12002	4	×		W69R575J	,
		0-00-11	Starter torsional separation damper	1340 6 04 OCT 2018		- 1	×		Larry Flatter WS9R575J	
				1340.6	See Continental Motors 8130-3. W/O 570323		x		Larry Flatter WS9R575J	n 8
	<u> </u>	-24-66	Fuel pump	04 OCT 2018 1340.6	0000222212 dated 23 JAN 2017. N/A per fuel pump S/N: B02DA205R.	┪	×		Larry Flatter	
	82	-13-01	Bendix magnetos	04 OCT 2018	Verified green blocks not installed in magnetos.	+	+		WS9R575J	
		-30-01	Bendix magnetos	1340.6 04 OCT 2018	N/A per magneto model number	+	×		WS9R575J	7
	**	-13-64 R3	Cylinder assemblies	1340.6 04 OCT 2018	I .	4	×		W69R575J	0
		-03-64	Oil filter	1340.6	The state of the characters, Pile. 60609 IA2		×		Larry Flatter WS9R575J	_
	1	-10-43		1.000.0	N/A oil filter not supplied.	T	×		Larry Flatten WS9R575J	1
	I	10-02	Champion oil filter	1340.0	N/A oil filter not supplied.		×		Larry Flatten WS9R575J	
			Cylinder volve retainer	04 OCT 2018 1340.6	Installed NEW CMI cylinders manufactured MAY 201	8.	x		Larry Flatten	
	- "	41-43 R2	Teledyne/Bendix magnetos	04 OCT 2018 1340.6	N/A per magneto serial numbers.	+	x		W69R575J Larry Flatten	_
		46-09	Teledyne/Bendix magnetos	04 OCT 2018	N/A per magneto serial number.	- 11	~ 1		W69R575J	-
	"					7	+		Larry Flatten	-
		21-16	Engine teardown and analytical inspect.	1340.6 04 OCT 2018		+	4		Larry Flatten WS9R575J	<u> </u>
		-21-16	Engine teardown and analytical inspect.		Engine inspected during overheul.	+	X X			<u> </u>
			Engine teardown and analytical inspect.	04 OCT 2018		+	++		WS9R575J Larry Flatten	_
	Pag	ge 2	of 2 Applicable S.B. S & Subject	04 OCT 2018		+	R	Next Comp.	WS9R575J Larry Flatten	Di di
	Pag	ge 2	of 2	Date & Hours @ Comp.  04 OCT 2018  1340.6	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S/N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialities. Services Inc. See 81303, WIO 250017 dated 08 AUG	One Time	III		Authoriz Signatur Number	of a second
	Pag	ge 2 AD#	of 2 Applicable S.B. S & Subject	Date & Hours & Comp. 04 OCT 2018 1340.6	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S/N: K119808N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, WIO 250017 dated 08 AUG	One Time	III		Authoriz Signatur Number Larry Flaten WS9R575J	To the state of th
	Pag 04-	go 2 ADØ 17-11	of 2  Applicable S.B. # & Subject  Crankshets	Date & Hours & Comp.  04 OCT 2018 1340.6  04 OCT 2018 1340.6  04 OCT 2018	Engine inspected during overhaul.  Illethod of Compliance  Crankshaft, S/N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialities Services Inc. See 8130-3, W/O 250017 dated 08 AUG 2018.  N/A per crankshaft S/N: K119606N.	One Time	Recurring		Authoriz Signatur Number Larry Flaten WS9R575J	To the
	Pag 66-1	20 2 ADØ 17-11 19-01	of 2  Applicable S.B. # & Subject  Crankshets  Crankshet failure  Prevent loss of engine power	Date & Hours & Comp.  04 OCT 2018 1340.6  04 OCT 2018 1340.6  04 OCT 2018 1340.8	Engine inspected during overhaul.  Blethod of Compliance  Crankshaft, S/N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, WIO 250017 dated 08 AUG 2018.  N/A per crankshaft S/N: K119606N.  Installed fectory NEW cylinders P/N: 658591A2.	One Time	Recurring	@ Hrs/Date	Authoriz Signatum Number Larry Flatten WS9R575J Larry Flatten WS9R575J Larry Flatten WS9R575J	To the total
	Pag  06-1  200	90 2 ADØ 17-11 16-01 16-10 16-12-06 17-06-16	of 2  Applicable S.B. S & Subject  Cranksheft failure  Prevent loss of engine power  Prevent failure of the magneto impulse coupling assembly  To prevent failure of the starter advance assembly	Date & Hours & Comp.  04 OCT 2018 1340.8  04 OCT 2018 1340.8  04 OCT 2018 1340.8  04 OCT 2018 1340.8	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S.N: K119806N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, WIO 250017 dated 08 AUG 2018.  N/A per crankshaft S/N: K119806N.  Installed factory NEW cylinders P/N: 658591A2.	One Time	Recurring	@ Hrs/Data	Authoriz Signetun Numbe  Larry Fieten WS9R575J  Larry Fieten WS9R575J  Larry Fieten WS9R575J  Larry Fieten Larry Fieten	To the total
	Pag  64-1  56-1  56-1  56-1  56-1  56-1	20 2 ADØ 17-41 18-61 16-616 16-12-66 17-66-18	of 2  Applicable S.B. # & Subject  Crankshelt failure  Prevent loss of engine power  Prevent failure of the magnete impulse coupling assembly To prevent failure of the starter adapter assembly and or crankshelt gear	Date & Hours & Comp. 04 OCT 2018 1340.8	Engine inspected during overhaul.  Blethod of Compliance  Crankshaft, S/N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, WIO 250017 dated 08 AUG 2018.  N/A per crankshaft S/N: K119606N.  Installed fectory NEW cylinders P/N: 658591A2.	One Time	Recurring	@ Hrs/Date	Authoriz Signatun Numbe Larry Flatten WS9R575J Larry Flatten	かったかった
	Pag  06-1  200  300  300	ADØ 2 ADØ 177-11 18-81 18-81 18-10 18-12-46 17-66-18	of 2  Applicable S.B. # & Subject  Crankshelt failure  Prevent loss of engine power  Prevent failure of the magneto impulse coupling assembly  To prevent failure of the starter adapter assembly and or  orankshelt gear  To prevent separation or seizure of the turbocharger  furbine	O4 OCT 2018 1340.6  Date & Hours @ Comp.  04 OCT 2018 1340.6	Engine inspected during overhaul.  Blethod of Compliance  Crankshaft, S/N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialities Services Inc. See 8130-3, W/O 250017 dated 06 AUG 2016.  N/A per crankshaft S/N: K119606N.  Installed factory NEW cylinders P/N: 658591A2.  N/A per magnetic part number.  Installed factory rebuilt R-EQ6642 starter adapter.  Installed factory rebuilt R-EQ6642 starter adapter.  Installed bushing in case.	Che Time × × ×	Recurring	@ Hrs/Date	Authoriz Signatur Numbe Larry Flatten WS9R575J Larry Flatten Larry Flatten Larry Flatten Larry Flatten Larry Flatten	the state of the s
	Pag  06-1  200  300  300	ADØ 2 ADØ 177-11 18-81 18-81 18-10 18-12-46 17-66-18	Applicable S.B. # & Subject  Crankshelt failure  Prevent loss of engine power  Prevent failure of the magneto impulse coupling assembly To prevent failure of the starter adapter assembly and or crankshelt gear	Date & Hours & Comp.  04 OCT 2018 1340.6  05 OCT 2018 1340.6  06 OCT 2018 1340.6  06 OCT 2018 1340.6  06 OCT 2018 1340.6	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S/N: K119808N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, W/O 250017 dated 08 AUG 2016.  N/A per crankshaft S/N: K119808N.  Installed factory NEW cylinders P/N: 658591A2.  N/A per magneto part number.  Installed factory rebuilt R-EQ6642 starter adapter. Installed bushing in case.	Che Time × × ×	Recurring	@ Hrs/Dete	Authoriz Signatur Numbe Larry Flatten WS9R575J Larry Flatten	to the total
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	Pag  04-  300  300  300  300  300  300	AD# 17-11 19-01 1-12-06 16 17-06 16 11-12-03 12-13-06 17-06 16 11-12-03 12-13-06 18 11-13-06 18 11-13-06	Applicable S.B. 6 & Subject  Crankshefts  Cranksheft failure  Prevent loss of engine power  Prevent failure of the magneto impulse coupling assembly To prevent failure of the starter adapter assembly and or cranksheft gear  To prevent excessive hydraulic lifter wear  To prevent excessive hydraulic lifter wear  To prevent excessive hydraulic lifter wear	Date & Hours & Comp.  04 OCT 2018 1340.8	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S/N: K119808N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, W/O 250017 deted 08 AUG 2016.  N/A per crankshaft S/N: K119808N.  Installed fectory NEW cylinders P/N: 658591A2.  N/A per magneto part number.  Installed factory rebuilt R-EQ6642 starter adapter. installed bushing in case.  Turbocharger was overhauled by Main Turbo Systems See 8130-3 W/O# 55807 deted 20 AUG 2018.  Turbocharger was overhauled by Main Turbo Systems See 8130-3 W/O# 55807 deted 20 AUG 2018.	One Time	Recurring	e Hrs/Defe	Authoriz Authoriz Signatun Numbe  Larry Flatten WS9R575J  Larry Flatten WS9R575J	かかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかかか
	Pag  04-  266  266  267  267  267	ADØ 2 ADØ 477-41 19-91 1	Applicable S.B. # & Subject  Crankshelts  Crankshelt failure  Prevent loss of engine power  Prevent failure of the magneto impulse coupling assembly To prevent failure of the starter adapter assembly and or crankshelt gear  To prevent separation or seizure of the turbocharger turbine To prevent excessive hydraulic litter wear  To prevent seizure of the turbocharger turbine	Date & Hours & Comp.  04 OCT 2018 1340.8  04 OCT 2018 1340.8	Engine inspected during overhaul.  Method of Compliance  Crankshaft, S.N: K119606N visual dimensional and magnetic particle inspected by Aircraft Specialties Services Inc. See 8130-3, WIO 250017 dated 08 AUG 2018.  N/A per crankshaft S/N: K119606N.  Installed factory NEW cylinders P/N: 658591A2.  N/A per magneto part number.  Installed factory rebuilt R-EQ6642 starter adapter. Installed bushing in case.  Turbocharger was overhauled by Main Turbo Systems See 8130-3 W/O# 55607 dated 20 AUG 2018.  Installed overhauled lifters P/N: 653868 and 653877.  Turbocharger was overhauled by Main Turbo Systems	One Time	Recurring	Hrs/Dete	Authoriz Authoriz Signatun Numbe  Larry Flatten WS9R575J  Larry Flatten WS9R575J	かかかかかかかかか

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DATE	TACH OR RECORDING METER TIME

#### DESCRIPTION OF WORK PERFORMED -SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK



#### **Engine 2 Log**

Continental - GTSI -520-H2 - 817630-R

W/O:

1801091953G

Page 1 of 1



ACTT: 6,336.6 E1TT: 1,667.6 E2TT: 1,340.6 E3TT: P1TT: 2,443.7 P3TT: HM: 4,048.0 E1C: E2C: E3C: E4C: AFL: P2TT: 1,149.9 P4TT: - C/W FAA AD 2000-01-16 (Exhaust System Cracks & Corrosion) Parts B, C, and E. See Aircraft Logbooks Tab "AD's Requiring Additional Compliance" For Details and Recurring Times/Dates. - Removed RH Engine M/N: GTSIO -520-H2 (Continental) S/N: 817630-R For Overhaul By Western Skyways (W/O:054596). Reinstalled Engine With Supplied New Hoses (Supplied By Western Skyways) and Engine Mounts (4) P/N J9613-54. Installed New CH48111-1 Oil Filter, Added 13 qts. Of Aeroshell 100 Mineral Oil. Engine Run-Up Statisfactory, No Leaks Detected. Engine &

- C/W 50 & 100 Hr. Inspection IAW AMM Servicing & Inspection Checklist.

C/W No.2 Engine Routine Oil Analysis Sample, Ref. Skywatch Kit No. 244343-1-22.

Propeller Removal & Installation Done With Reference To Cessna 421/A/B Service Manual,

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenar nce manuals were used. All disrupted systems were restored and functionally tested in accordance with mig's instructions. Pertinent details of the repair are on file with SimsAir, LLC.

Date: 1/9/2019

Authorized Signature:

Zachary R. Bishop, A&P 3745781

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#### **Engine 2 Log**

Continental - GTSI -520-H2 - 817630-R

W/O:

1901291953G

Page 1 of 1

4,065.2	ACTT:	E1TT:	E2TT:	E3TT:	E4TT:	P1TT:	P3TT:	APUTT
Task No. 1	AFL:	E1C;	E2C:	E3C:	E4C:	P2TT-	PATT-	
The et	- Adjuste	d Variable Absolute	Pressure Control	ler IAW Cessna 42	1 Service Manual P	g. 9-51. Engine Rur	Satisfactory.	

The aircraft/component identified above was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is approved for um to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mfg's instructions.

Pertinent details of the repair are on file with SimeAir, LLC. Date: 2/7/2019

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@( A)-									-	-

Zachary R. Bishop, A&P 3745781

nsAir, LLC - 1904 Cardiff Rd, Hangar HC-103-C - Brookshire, TX 77423 - (713) 294-7994 - www.simsair.co

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Pag	e No			
	DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
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		<u>isair</u>	Engine 2 Log	
	Aviatio	SMCE 1996	Continental - GTSI -520-H2 - 817630-R	(SD)
_	ask No: 1	ACTT: 6,359 AFL:	7 E1TT: 1,690.7 E2TT: 1,362.7 E3TT: E4TT: P1TT: 2,466.8 P3TT:	w
ī	he aircrafts.	- Adjuste emponent identified se for the work per	d Variable Absolute Pressure Controller IAW Cessna 421 Service Manual Pg. 9-51. Engine Run Satisfactory.	<b>Ib</b> 200000 4 5
-	Pate: 2/2		Authorized Signature:  SimeAir, LLC - 1904 Cardiff Rd, Hangar HC-183-C - Brookshire, TX 77423 - (713) 294-7994 - www.simeair.com	Motivictions.
'		·	1 10-1000 - Broomania, 1X 77423 - (713) 294-7994 - www.simeair.com	
		AIR 3	Engine 2 Log  Continental - GTSI -520-H2 - 817630-R  W/O: 1903181953G Page 1 of 1	20
f: 4,0 sk Na	i		E1TT: 1,693.2 E2TT: 1,396.2 E3TT: E4TT: P1TT: 2,468.3 P3TT: E1C: E2C: E3C: E4C: P2TT: 1,178.8 P4TT: e Oil & Remove Filter. Serviced w/ 13 qts. Aeroshell W100 Plus & Installed New CH48111-1 Filter. Cut & Insur, No Contaminants Found. No Leaks Detected.	
-		a rebent ma out tille	was maintained or altered in accordance with current regulation FAR 91.409(A)(1) of the Federal Aviation Administration and is appeared maintenance manuals were used. All disrupted systems were restored and functionally tested in accordance with mits instruc-	oved for tions.
ale.	4/13/20		Authorized Signature: Zachary R. Bishop, A&P 3745781  SimaAir, LLC - 1904 Cardiff Rd, Hangar HC-703-C - Brookshire, TX 77423 - (713) 294-7994 - www.simeair.com	
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	09	/11/19 N19	53G Cessna C-421B S/N 421B0852 Hobbs 4102.9 Right Engine Logbook	
F			CTIONS TAKEN	_
-				_
F		JIL CHANGE	DUE"Drain oil. Add 13 quarts of Aeroshell W 100. Install Champion CH48111-1 filter. Previous filter cut with no defects noted. Engine ground run with operations normal and no leaks noted.	-
-	Al	R PROFESSIO		_
			GIONAL AIRPORT  A&P 3563642  TE ULLUL	_
	(2	81) 992-348		-
_			•	•
L				

DATE TACH OR RECORDING METER

### DESCRIPTION OF WORK PERFORMED – SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

04/07/20 N1953G Cessna C421B S/N 421B0852 Continental GTSIO-520-H2 S/N 817630-R Hobbs 4117.0
Right Engine Logbook TTE 1409.6 SMOH 69.0

Comply with 100 hour/Annual inspection per scope and details of FAR 43 Appendix D. Change oil and filter. Drain oil. Add 13 quarts of Aeroshell W 100. Install Champion CH48111-1 filter. Previous filter cut with no defects noted. Compressions checked: #1- 78/80 #2- 77/80 #3- 78/80 #4- 79/80 #5- 75/80 #6-79/80. Check mags for condition and proper timing. Clean, gap and test spark plugs. Inspect exhaust for condition by checking slip joints and attaching hardware. Inspect turbo and wastegate for condition. Lube wastegate valve. Check V-clamps for condition and proper torque. Check spar carry thru for condition ( complies with AD 2000-01-16 ). Lube engine controls. Engine ground run with operations normal and no leaks noted. AD's checked thru this date and complied with as noted in AD Summary Listing. I certify that this Engine has been inspected in accordance with a 100 Hour/ Annual inspection and was determined to be in an Airworthy condition on this date.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT (281) 992-3484

RANDY WAHLBERG A&P 3563642IA

Bondy Wally

02/25/21 N1953G Cessna C-421B S/N 421B0852 Hobbs 4131.9	RIGHT ENGINE LUGBOOK
02/25/21 N1953G Cessna C-4216 3/14 42166652 116665	

CORRECTIVE ACTION TAKEN

"ENGINE WILL NOT START"

- \*Troubleshot system. Found bad starter drive. Removed and installed new TCM unit (p/n R-EQ6642).
- \*Check mag timing
- \*Check intake pipe fuel drains.
- \*Engine ground run with operations normal and no leaks noted.

AIR PROFESSONALS

PEARLAND REGIONAL AIRPORT (281) 992-3484

RANDY WAHLBERG A&P 3563642

Rody Wahly

DATE

TACH OR RECORDING METER TIME

#### DESCRIPTION OF WORK PERFORMED -SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

07/01/21 N1953G Cessna C421B S/N 421B0852 Continental GTSIO-520-H2 S/N 817630 -R Hobbs 4135.3 Right Engine Logbook

TTE 1427.9

**SMOH 87.3** 

Comply with 100/Hour Annual inspection per scope and details of FAR 43 Appendix D. Change oil and filter. Drain oil. Add 13 quarts of Aeroshell W 100. Install Champion CH48111-1 filter. Previous filter cut with no defects noted. Compressions checked: #1-70/80 #2-62/80 #3-72/80 #4-70/80 #5-71/80 #6-66/80. Check mags for condition and proper timing. Inspect and test spark plugs for condition. Inspect exhaust for condition by checking slip joints and attaching hardware. Inspect turbo and wastegate for condition. Lube wastegate valve. Check V-clamps for condition and proper torque. Check spar carry thru for condition (complies with AD 2000-01-16). Lube engine controls. Engine ground run with operations normal and no leaks noted. Corrective Actions Taken: #1- Replace air induction filter (BA-13). #2-Tighten rocker cover screws. #3- Secure oil lines. #4- Secure ignition leads, rear of engine. AD's checked thru this date and complied with as noted. I certify that this Engine has been inspected in accordance with a 100 Hour/Annual inspection and was determined to be in an Airworthy condition on this date.

AIR PROFESSIONALS

PEARLAND REGIONAL AIRPORT (281) 992-3484

RANDY WAHLBERG A&P 3563642IA

#### RIGHT ENGINE LOG ENTRY

Mesquite Aircraft Sales & Services

1350 Airport Blvd.

Mesquite, Texas 75181

**REGISTRATION: N1953G** 

AFSN: 421B-0852

DATE: 03-24-2022

Hobbs: 4152.9

ENG MANUF: CONTINENTAL ENG MODEL: GTSIO-520-H2

ENG S/N: 817630-R

TTSN: 1445.5

TSO: 104.9

- Removed Right engine cowling as required. Performed Right engine compressions and recorded the following # 1) 70/80 # 2) 69/80 # 3) 70/80 # 4) 69/80 # 5) 72/80 # 6) 66/80. Reinstalled Right engine cowlings and secured.
- Drained Right engine oil and removed oil filter. Cut open and inspected filter, no discrepancies noted. Installed new CH48111 Filter and safetied. Serviced engine with 13 quarts of Aeroshell W 100. Pre-oiled IAW Ram Aircraft Instructions. Ground ran for
- Obtained engine oil samples from the left and right engines and shipped to lab for analysis, Mr. Dexter Tuttle (owner) and Mesquite Aircraft Sales and Services will be notified via email of test results.
- Complied with AD 2000-01-16 by performing the inspections required in paragraphs (b) of this AD on the left engine exhaust systems. No discrepancies found at this time. Paragraph (b) due again in 50 hours (4202.9 HM) or 30 days (06-24-2022) whichever

I certify this aircraft, engine, propeller and/or component identified above was repaired and/or inspected in accordance with current F.A.A. regulations and was determine ed to be in a reporting condition and approved for Return to Service with respect to work performed.

Dated; March 24, 2022

Martin J. Sisk A&P 2820585

REGISTRA	Complied with A.D. resear Removed Right engines of following # 1) 76/80 # 2) Complied with A.D. 72-14 TTAF 6513.0 Hobbs 4224 Complied with AD 2007-6 inspection procedures spinch, at 90 deg = .042 inco 2023 or in 100 hours at: 0 Complied with AD 2000-6 on the right engine exhaus Hobbs or 9-2022. Complied	AFSN: 421B-0852  ENG MODEL: GTSIO-520-H2  spection on T.C.M. model GTSIO-52  irch on Engine thru 2022-20.  owling, and upper spark plugs as re 76/80 # 3) 77/80 # 4) 75/80 # 5) 73,  I-08 R1 inspection of the right engin 4.  05-15 starter adapter shaft gear and ecified in Part 2 of TCM MSB No. M h, at 180 deg = .042 inch, at 270 deg 5553.0 ACTT (4264.4 hobbs).  01-16 paragraph (b) by performing the starter and second	DATE: 11-11-202: ENG S/N: 817630  20-H2, S/N 817630 in accordate equired. Performed Right eng/80 # 6) 74/80, MO: 46/80. The second crankshaft gear inspection and crankshaft gear inspection and crankshaft gear inspection and crankshaft gear inspection are second crankshaft gear inspection and crankshaft gear inspection are second crank	TTSN: 1457.0  Ince with FAR Part 4  gine compression ch  defects noted at thi  on the right engine g gear backlash resu pection is next due a	secks and recorded the stime. Next due at by performing the lts: at 0 deg = .040
REGISTRA	TION: N1953G  AUF: CONTINENTAL  Complied with 100 hr. In: Complied with A.D. resea Removed Right engines of following # 1) 76/80 # 2) Complied with A.D. 72-14 TTAF 6513.0 Hobbs 4224 Complied with AD 2007-6 Inspection procedures sp inch, at 90 deg = .042 ince 2023 or in 100 hours at: Complied with AD 2000-6 on the right engine exhaulted	AFSN: 421B-0852  ENG MODEL: GTSIO-520-H2  spection on T.C.M. model GTSIO-52  irch on Engine thru 2022-20.  owling, and upper spark plugs as re 76/80 # 3) 77/80 # 4) 75/80 # 5) 73,  I-08 R1 inspection of the right engin 4.  05-15 starter adapter shaft gear and ecified in Part 2 of TCM MSB No. M h, at 180 deg = .042 inch, at 270 deg 5553.0 ACTT (4264.4 hobbs).  01-16 paragraph (b) by performing the starter and second	ENG S/N: 817630  10-H2, S/N 817630 in accordate equired. Performed Right engles (80 # 6) 74/80, MO: 46/80. The second of the sec	TTSN: 1457.0  Ince with FAR Part 4  gine compression ch  defects noted at thi  on the right engine g gear backlash resu pection is next due a	TSO: 116.4  3, appendix D.  ecks and recorded to  is time. Next due at  by performing the  lts: at 0 deg = .040
ENG MAN	Complied with 100 hr. In: Complied with A.D. resea Removed Right engines of following # 1) 76/80 # 2) Complied with A.D. 72-14 TTAF 6513.0 Hobbs 4224 Complied with AD 2007-( Inspection procedures sp inch, at 90 deg = .042 inc 2023 or in 100 hours at: Complied with AD 2000-( Inch at 90 deg = .042 inc 2023 or in 100 hours at: Complied with AD 2000-( Inch at 90 deg = .042 inc 2023 or in 100 hours at: Complied with AD 2000-( Inch at 90 deg = .042 inc 2023 or in 100 hours at: Complied with AD 2000-( Inch at 90 deg = .042 inc	spection on T.C.M. model GTSIO-52 arch on Engine thru 2022-20.  owling, and upper spark plugs as re 76/80 # 3) 77/80 # 4) 75/80 # 5) 73, 8-08 R1 inspection of the right enging.  4.  05-15 starter adapter shaft gear and ecified in Part 2 of TCM MSB No. M. h, at 180 deg = .042 inch, at 270 deg 5553.0 ACTT (4264.4 hobbs).  01-16 paragraph (b) by performing that system. No discrepancies found	equired. Performed Right engles #60 #60 74/80, MO: 46/80.  The sequired of the sequired Right engles #60 74/80, MO: 46/80.  The sequired of the sequired for th	gine compression ch defects noted at thi on the right engine g gear backlash resu pection is next due a	3, appendix D. secks and recorded to is time. Next due at by performing the lts: at 0 deg = .040
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• 1	TECHNOLOGIES™ MAND, this time. Modified all cy the exposed intake valve 183: AC18CB271, #4: AC18 Removed the right engin Overhauled (see FAA For Hydrostatic check due by 2032). Functional loop chemoved melted spiral v	NOTE: Paragraphs (d) and (f) next of the last of the l	c) and (e) by performing the t system. No discrepancies for the at: Hobbs: 4511.0, ACTT: requirements and corrective 18B and MSB18-08C inspection 18B and MSB18-0	12-month inspection ound at this time. Page 16799.7. Paragraph (16799.7. Paragraph (16	aragraph (b) of this # 0 days at: 4214.4 ons required in aragraphs (c) and (e) (g) due at the next ENTAL AEROSPACE no discrepancies at ed the Letter "S" on B253, #2: AC18CB294 03-12. Reinstalled 2 S/N R1313 (next cement due by 02-
• !	secured caps as required Provided clearance betw Secured the right engine control cable housing. Installed a new AN3-13 b	. een right engine FWD nose bowl co propeller control cable with nylon oit, AN310-3 nut and P/N 186-218 vs on right engine upper INBD secti duction air box inlet cover for secu	owl and Inbd exhaust flanges ty-wrap and High temperatu spring and secured.	s as required. ure RTV to prevent f	urther chafing of the
to work p	nis aircraft, engine, pro A.A. regulations and werformed. evember 11, 2022	opeller and/or component iden vas determined to be in airwork	tilly comment in		

ATE	TACH OR RECORDING METER TIME	SIGNAT	DESCRIP	TION OF	WORK PER D. OF PERSON	FORMED PERFORM	_ IING WORK	
Date	Total Time In Service	Total Time Since Overhaul	Recording Meter Time					_
1-26-20	1458.1	117.5	4165.5					N N
		00	NITINIENITAL (	STOLO FOO	RAM Aircra H Right S/N 81		nership • Waco	Regional Airport
V	vork performe	ed. Pertinent d	etails on file un	nder Project	67 s/n 1476. En <del>No. 1022</del> 9. <del>21</del> 9, Waco Texa			
ufacturer:	istration # Continenta	817- N23DT I Model:	GTSIO-520-H	ational Airport	as 76106	Hobbs:	4181.6	
and added	1 13qts of W100 A	eroshell IAW Cessr IFIES THAT THE WO REGULATIO	RK SPECIFIED IN THE INS AND IS APPROVI	I 1. IS REPAIR ORDE	R WAS COMPLETED			
ature:	Clifa	Conne	(145)					
Date:	28/Jul/202	3				Repair Order	7271	

Page No.	
75181	1
93.6	
: 144.5	
dix D.	
/80, #6	
ne.	
me. Next Due	
led new filter	
) <b>.</b>	
g, reinstalled	
(0) of this AD.	
Due in 260.6	
serial number	

#### RIGHT ENGINE LOG ENTRY

Mesquite Aircraft Sale	es & Services	1350 Airpor	t BIVa.	iviesquite,	Texas /5181
REGISTRATION: N23DT	AFSN: 42	21B-0852	DATE: 12-30-202	3 Hol	obs: 4193.6
ENG MANUF: CONTINENT		L: GTSIO-520-H2	ENG S/N: 817630	TTSN: 1486.2	TSO: 144.5
Complied with 100 Complied with A.I. Performed Right e 68/80. M.O. 46/80 Complied with A.I. Complied with A.I. HM 4243.6 or 30 d Drained Right eng P/N AA48111-2, to priming procedure Removed, cleaned spark plugs and to AD 2023-09-09 is in This aircraft is in c AD 2007-05-15 Sta hours. No action in A.D. 23-05-16 regions 817630-R and crait Removed the lowing Washed down the leaks noted at this Martin Sisk A&P 2	the compression of the compressi	M. model GTSIO-52 thru 2023-26. eck and results are d with owner. aspection of flex hos l inspection of Right first. If filter. Cut open filt afetied. Serviced en am engines instruct at engine spark plug eads and secured. anes that are in cor 00-01-16 as listed in y & Crankshaft gear lations of crankshaf K119606N. It seal plate, adjuster sol and air dried. Gr	round ran engine up to pow lock and Jonathan Garza als atified above was repaire thy condition and appro	/80, #3 71/80, #4 71/80 discrepancies noted a o discrepancies noted a rmal conditions presen ishell W100 Plus. Perfo d, no discrepancies at t d compound to each sp in paragraphs (d)(1) th o (10) of AD 2023-09-09 ue in 70.8 hours and Pa oT applicable by Right are and inspected for le to performed maintena	this time.  at this time. Next Due  t. Installed new filter  pred engine oil this time.  park plug, reinstalled  rough (10) of this AD.  art 3 is Due in 260.6  engine serial number  taks. No obvious  in accordance with prvice with respect
1 1					

