

Regal Air

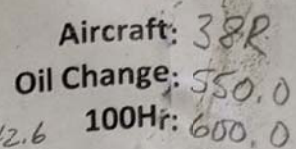
Aircraft: 282

Oil Change: 450.5

100Hr: 500.5

112
Next

Date	Route	Time Out	Time In	TT	Maint	Pilot	Pilot Signature/Cert#	Seat	Config	Oil
8/29	Boys Camp	392.4	394.3	1.9	9.9				C	—
8/30	Boys Camp	394.3	396.4	2.1	7.2				D	—
8/30	Hartman	396.4	398.4	2.0	8.2				E	—
8/30	Boys Camp	398.4	400.5	2.1	3.1				E	—
8/31	* WK - 100 hr.		400.5	50.0	50					
8/31	BC	400.5	402.5	2.0	48.				C	—
8/31	SCF	402.5	404.5	2.0	46				C	—
9/1	RPL	404.5	406.5	2.0	44				D	—
9/1	SSCL	406.5	408.7	2.2	41.0				B	—
9/1	N. Fork - RPL	408.7	411.2	2.5	39.3				D	—
9/2	Fithians - RPL	411.2	414.4	3.2	37.1				E	—
9/2	Fithians	414.4	417.3	2.9	34.2				E	—
9/3	LR Road	417.3	417.8	.5	33.7				C	—
9/3	Fithians	417.8	420.4	2.6	31.1				C	—
9/5	SCF	420.4	422.7	2.3	28.8				B	—
9/7/18	SCF / FAREWELL / Boys Camp	422.7	427.8	5.0	23.8				B/D	—
9/8	Boys Camp	427.8	429.8	2.0	21.8				E	—
9/8	Rohn	429.8	432.0	2.2	19.6				E	—
9/9	Rohn	432.0	436.3	4.3	15.3				E	—
9/9	RPL / Tatina	436.3	438.7	2.4	12.9				E	—
9-10	XX	438.7	440.8	2.1						
9-10	XX	440.8	442.9	2.1						
9-10	BOYS CAMP	442.9	444.9	2.0						
9-11	S'SCL	444.9	447.2	2.3						
9-11	LW	447.2	448.2	1.0	2.3				C	—
9-12	SSCL	448.2	450.6	2.4					C	—
9/12	TAL RVR STRIP	450.6	451.7	1.1	(-0.1)					



Oil Change: \$50.00

100Hr: 650.0

42.6
Next

[illegible]

Mechanical Irregularities

Aircraft Make & Model <i>C-204</i>		N Number <i>N1738R</i>		
Date	Discrepancy	Corrective Action	Signature	Date
7/25	Right brake wear	Replaced Brake Disc w/ new		7/25/12
7/25	Rear cargo door upper latch loose	Revised Latch mechanism		7/25/12
8/10	Full power fuel flow low. Fuel flow at 25"/2500 RPM only 18 GPH, CHT's 410°-420°.	Adjusted Fuel Flow/Fuel Pressure		8/10/12
8/20	Arm Rest Loose	Secured to door		8/20/12
8/20	Cylinder #1 + #5 EGT /CHT Bouncing	Rerouted wires. Tighten Connection		8/20/12
8/28	Steering Tough	Replaced Bungee Rod end. Rerigged		8/28/12
8/30	Oil leak from L/H side	Tightened multiple Loose Valve Cover screws		8/30/12
9/15	VACUUM PUMP INOP	Remove and Replaced w/ New Pump OP's Check good		9/15/12
9/8	#1, 3, 5 EGT /CHT INOP	Recheck Connections for Procs, Fan engine OP's check good		9/8/12
9/8	Pilot door catch Pin missing	Installed new one		9/8/12
9/9	#5 CHT INOP Oil DIPSTICK hits oil door	Installed new probe Fabricated Bracket for proper clearance		9/9/12

Airframe Log

AIR TIME				LANDINGS / CYCLES	
DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
HRS	MIN	HOURS	MIN		

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACE

9/21/2018 Hobbs: 500.0

ACTT: 4127.5

N1738R Cessna U206G S/N: U20604588

Completed 100 hour inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual for proper assembly, structural and mechanical integrity. ELT checked IAW FAR 91.207d(1-4). Batteries due May 2024. Checked aircraft flight controls for proper range of movement, security, and general condition. C/W AD 2011-10-09 Seats & Seat Rail Installation IAW Para. (g), (1)-10). No defects found at this time. C/W AD85-10-02 Induction Airbox Inspection IAW Para. (a), no defects found at this time. Removed ships battery and serviced. Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Kennedy Canarr [REDACTED] AP

TE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
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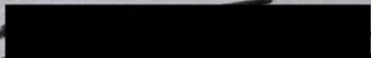
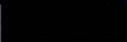
8/30/2018 Hobbs: 400.5

ACTT: 4028.0

N1738R Cessna U206G S/N: U20604588

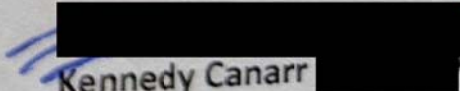
Completed 100 hour inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual for proper assembly, structural and mechanical integrity. ELT checked IAW FAR 91.207d(1-4). Batteries due May 2024. Patched right wing top skin due to skin cracking. Checked aircraft flight controls for proper range of movement, security, and general condition. C/W AD 2011-10-09 Seats & Seat Rail Installation IAW Para. (g), (1)-10). No defects found at this time. C/W AD85-10-02 Induction Airbox Inspection IAW Para. (a), no defects found at this time. Removed ships battery and serviced. Removed tires from aircraft, cleaned, repacked, and reinstalled bearings in wheels. Reinstalled tires. Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Kennedy Canarr [REDACTED] AP

DATE 19 ____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
8/26/2018	Hobbs: 376.3			N1738R Cessna U206G S/N: U20604588 Removed rear center window due to being cracked. Replaced with new window. Sealed around window after installation. Troubleshoot intermittent CHT and EGT readings, found engine monitor to be improperly grounded. Grounded engine monitor to engine. Op's check good.  Kennedy Canarr  AP

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)
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8/8/2018	Hobbs: 303.6	N1738R Cessna U206G S/N: U20604588	
	ACTT: 3931.1		Completed 100 hour inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual for proper assembly, structural and mechanical integrity. ELT checked IAW FAR 91.207d(1-4). Batteries due May 2024. Removed Continental IO-520-F S/N:240918-R and installed Continental IO-520-F S/N:553523. Checked aircraft flight controls for proper range of movement, security, and general condition. C/W AD 2011-10-09 Seats & Seat Rail Installation IAW Para. (g), (1)-10). No defects found at this time. C/W AD85-10-02 Induction Airbox Inspection IAW Para. (a), no defects found at this time. Removed ships battery and serviced. Replaced mixture control with new due to being incorrect length. Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.


 Kennedy Canarr

AP

DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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3/9/2018 Hobbs: 00.4

N1738R Cessna U206G S/N: U20604588

ACTT: 3627.9

Completed Annual Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual for proper assembly, structural and mechanical integrity. ELT checked IAW FAR 91.207d(1-4). Batteries due May, 2024. Checked aircraft flight controls for proper range of movement, security, and general condition. Installed Aerocet STC SA0096SE, Belly Pod, See 337 dated 03/09/2018. Installed AeroTwin STC SA02003AK, Gear Gravel Deflectors, See 337 dated 03/09/2018. Aircraft had tail control surfaces and ailerons removed and reinstalled to facilitate painting of aircraft, new hardware was used for reinstallation. Aircraft was stripped of paint and painted by Chaz. Replaced fuel quick drains with new. Replaced rudder torque tube bearing blocks with factory new. Installed cargo door "T" handle. Repainted interior plastics and reinstalled. C/W AD 2011-10-09 Seats & Seat Rail Installation IAW Para. (g), (1)-10). No defects found at this time. C/W AD85-10-02 Induction Airbox Inspection IAW Para. (a), no defects found at this time. Weight & Balance & Equipment List Revised. I certify that this aircraft has been inspected IAW an Annual Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Matthew Green

A

1/22/2018

Tach:1455.3

N9938M Cessna U206G S/N: U20604588

Hobbs: 0.0

ACTT: 3627.5

Installed propeller Hartzell PHC-J3YF-1RF S/N:FP716A to this aircraft. Torqued bolts per M.M. Aircraft run up and function test good. Removed rudder and straightened lower skin and reinstalled. Removed L/H elevator and rebucked rivets at attach post, replaced L/H rudder stop with servicable unit and reinstalled. Adjusted rudder stops to prevent impact to elevators. Installed new stall horn. Replaced exhaust hanger rubber with new. Installed O/H Dukes pump P/N 4140-00-15 S/N23276, repaired microswitch wiring and verified function. Replaced wing quick drains with new on L/H and R/H side. Replaced voltage regulator with new Plane Power PMA Voltage regulator P/N R1224 S/N: H-R050567, adjust to 27.5 volts. Repaired alt main wire to sound supressor. Removed original nav lights and strobes and installed Whelen OR6502G, OR6502R and OR5002V nav and strobe LED lights and wired to aircraft. Removed 185 yokes and installed servicable 206 yokes. Fabricated two S.S. patches at exhaust hanger brackets at firewall for cracks found, stop drilled cracks, installed patches with monel rivets and Flamemaster. Stop drilled cracks in baffling, various locations. Replaced seals in nose strut with new SK172-1F service kit and serviced with hydraulic fluid and nitrogen. Lubricated fuel selector. Lubricated rudder and elevator chains. Removed L/H and R/H brake calipers, cleaned and replaced orings, serviced with brake fluid. Installed missing cargo door stop. Installed missing R/H and L/H flap buttons as necessary. Replaced ELT Battery with new, function test good. System check good. ELT Battery Due 05/2024. Removed 6 point EGT and CHT system and installed STC SA2586NM EDM 701 EGT and CHT system with fuel flow transducer STC SA00432SE, see 337s dated 01/22/2018. Installed Hartzell Propeller STC SA685AL, see 337 dated 01/22/2018. Installed Wipaire STC SA914NE Wing Tip Extensions in accordance with supplied STC instructions, see 337 dated 01/22/2018. Installed AVALaska, Inc. STC SA02168AK Hourmeter STC in accordance with supplied STC instructions, see 337 dated 01/22/2018. Installed Aerotwin Remote Nose gear Strut Service Port STC SA02202AK-D, in accordance with supplied STC instructions, see 337 dated 01/22/2018. Installed patch on top of tunnel using .032 and secured using AN470#4 rivets. Rebucked smoking rivets found in nose bowl area along leading edges and nose bowl access panel. Removed tail pull handles. Cleaned F.O.D out of belly area. Engine removed for maintenance. Reinstalled engine with new Lord mounts and attachbolts and lock washers, torqued per M.M. Removed prop governor and installed O/H unit, McCauley C290D4K/T4, S/N: 750405, see yellow tag.

Matthew Green

IA

The ATC transponder tests required by para (a) and (b) of FAR 91.413, were performed on this date and found to comply with appendix F of FAR 43, and para (c), appendix E of FAR 43.

Make Cessna Model CTX345 S/N 3EG402221

Date 11/28/17 Signature [Redacted]
Certified Repair Station #P69R447Y

Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repairer for specific entries.)

The Static system tests required by FAR 91.411 were performed on this date and found to comply with FAR 43 appendix E, para (a). VFR only

Alt. S/N _____ Date Certified 11/28/17

Max Altitude 20K Signature [Redacted]
Certified Repair Station #P69R447Y

Signature

9/21/2018 Hobbs: 500.0

Eng TT: UKN

TSMOH: 196.4

Continental IO-520-F S/N: 553523

Completed 100 hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Drained engine oil. Checked oil filter, no contaminants found. Installed new spark plugs. Serviced engine with 11 qts. AeroShell W100. Checked magneto timing. Compression check accomplished; #1 - 70/80, #2 - 80/80, #3 - 80/80, #4 - 80/80, #5 - 80/80, #6 - 80/80. Removed fuel injectors, cleaned and reinstalled. Washed engine. Ran engine up. Leak check good. Op's check good. Tightened alternator belt due to being loose. Checked for full range of travel on all engine control cables. Installed new air filter. I certify that this engine have been inspected IAW an 100 Hour Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Kennedy Canarr

AP

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
Date: July 4, 2018 This engine overhauled as per Overhaul Manual P/N X30039 revised October 2013 and M-0 revised Jan 2018. Full details held on Work Order No.1606124. The Maintenance described has been performed in accordance with the applicable standards of airworthiness. All accessories are either new or overhauled. Refer to enclosed form ARC 18B for applicable accessory part numbers and serial numbers. Engine sprayed internally with type II corrosion inhibitor.				
Model No.: IO-520-F Serial No.: 553523 TTSN: U/K hrs; TSO: 0.0 hrs. Crankshaft Serial No.: N08BA215		Authorized Signature [Redacted] Aero Recip (Canada) Ltd. 540 Marjorie Street Winnipeg, Manitoba R3H 0S9 AMO 45-89		
				
8/8/2018	Hobbs: 303.6	Continental IO-520-F S/N: 553523		
	Eng TT: UKN TSMOH: 0.0	Completed 100 hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Installed overhauled Continental IO-520-F S/N: 553523 on N1738R. Installed using new engine mounts, hardware, and hoses. Installed new Plane Power alternator P/N:AL24-F60C S/N: H-S021787. Installed servicable vacuum pump P/N:AA3216CW S/N:0B1903. Installed overhauled propeller governor P/N:C290D4K/T4 S/N:810466. Checked oil filter, no contaminants found. Installed new spark plugs. Serviced engine with 11 qts. AeroShell 100 mineral oil. Compression check accomplished; #1 - 80/80, #2 - 80/80, #3 - 80/80, #4 - 80/80, #5 - 80/80, #6 - 80/80. Installed new alternator belt. Propeller was removed and flushed. Reinstalled using new prop o-ring and mounting nuts. All work was accomplished in accordance with manufactures service manual. Washed engine after install. Ran engine up. Leak check good. Op's check good. Checked for full range of travel on all engine control cables. Installed new air filter. I certify that this engine have been inspected IAW an 100 Hour Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.		
		[Redacted] Kennedy Canarr [Redacted] AP		
8/30/2018	Hobbs: 400.5	Continental IO-520-F S/N: 553523		
	Eng TT: UKN TSMOH: 96.9	Completed 100 hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Drained engine oil. Checked oil filter, no contaminants found. Installed new spark plugs. Serviced engine with 11 qts. AeroShell W100. Checked magneto timing. Adjusted timing to 22 degrees before top center. Compression check accomplished; #1 - 79/80, #2 - 80/80, #3 - 80/80, #4 - 77/80, #5 - 80/80, #6 - 76/80. Removed fuel injectors, cleaned and reinstalled. Washed engine. Ran engine up. Leak check good. Op's check good. Checked for full range of travel on all engine control cables. Installed new air filter. I certify that this engine have been inspected IAW an 100 Hour Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.		
		[Redacted] Kennedy Canarr [Redacted] AP		

& BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

9/21/2018 Hobbs: 500.0

Hartzell PHC-J3YF-1RF S/N:FP716A

Prop TT: Completed 100 Hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Ops Check for propeller C/W during engine run, ops check good. I certify that this propeller has been inspected IAW an Annual Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

14117.1

Prop TSOH:

500.0

Kennedy Canarr AP

Overhaul

Mech. Cert. # or Repair Station #

Total Time
in Service

Description

Time Since
Overhaul

Mech. Cert. # or Repair Station #

FACTORY BULL

8/8/2018 Hobbs: 303.6

Hartzell PHC-J3YF-1RF S/N:FP716A

Prop TT:

14020.2

Prop TSOH:

303.6

Completed 100 Hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Ops Check for propeller C/W during engine run, ops check good. I certify that this propeller has been inspected IAW an Annual Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Kennedy Canarr AP

8/30/2018 Hobbs: 400.5

Hartzell PHC-J3YF-1RF S/N:FP716A

Prop TT:

14117.1

Prop TSOH:

400.5

Completed 100 Hour Inspection this date. Inspected and serviced IAW FAR 43 Appendix D and the Manufacturer's Maintenance Manual. Ops Check for propeller C/W during engine run, ops check good. I certify that this propeller has been inspected IAW an Annual Inspection as per FAR 43 Appendix D and found to be in airworthy condition, and ok for return to service.

Kennedy Canarr AP

Regal Air

Weight & Balance

Cessna 206

N1738R

Wheels

Max Gross Weight: 3600

Seating Configuration

A	Weight	Arm	Moment	Usefull	D	Weight	Arm	Moment	Usefull
	2124.4	37.1	78815.24	1475.6		2082.4	36.06	75095.24	1517.6
B					E				
	2111.4	36.71	77515.24	1488.6		2066.4	35.80	73975.24	1533.6
C					F				
	2098.4	36.32	76215.24	1501.6		2042.4	35.78	73087.24	1557.6



Seat Installed

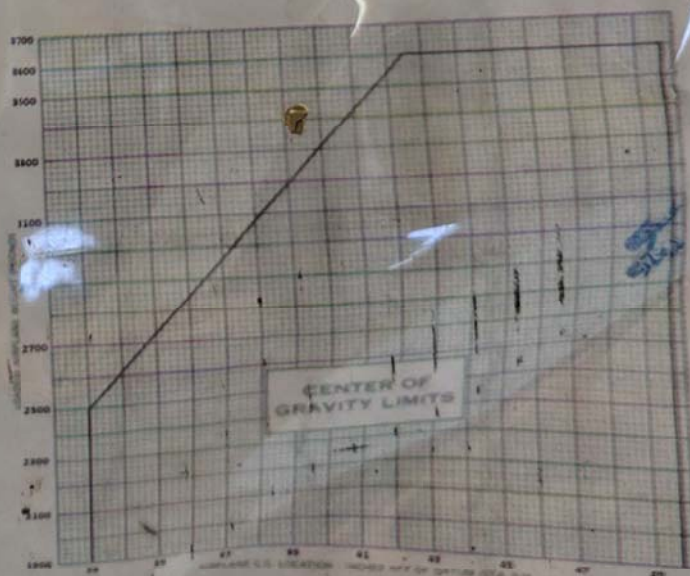
Seat Not Installed

Seats included but not installed in the aircraft are listed as baggage.

Seat	Weight	Arm	Moment
Front Row:	24	37	888
2nd Row:	16	70	1120
3rd Row:	13	100	1300

Wheel Plane CG. Location Limits

Station	Weight	Arm
Front Row Seats-		37
Fuel-		46.5
2nd Row Seats-		70
3rd Row Seats-		100
Baggage-		127
Cargo Pod Fwd-		24.13
Cargo Pod Ctr-		50
Cargo Pod Rear-		72.1



5.24 1501.6



2042.4

35.78

7300

<u>Seat</u>	<u>Weight</u>	<u>Arm</u>	<u>Moment</u>
Front Row:	24	37	888
2nd Row:	16	70	1120
3rd Row:	13	100	1300

Wheel Plane CG. Location Limits

