

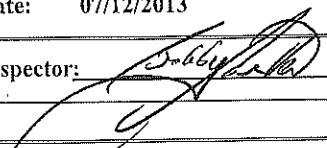
Copy in AIRCRAFT



WEIGHT AND BALANCE RECORD

NOTE: Level the aircraft on the platform scales and measure the distance from the station zero datum to the nose and main fires.  
Sign Conversion: Forward of Datum - Negative  
Aft of Datum - Positive  
Viewed From Left-Hand Wing Tip  
Clockwise Moment - Positive  
Counterclockwise Moment - Negative

Aircraft Model: Cessna 421C
Zero Datum Loc.: 186.15 Forward of wing jack point

Date: 07/12/2013	Aircraft S/N: 421C 0882
Inspector:  Bobby Parker	Aircraft Reg. No: N5874C

TARE	WEIGHT	ARM	MOMENT
Left Main			
Right Main			
Nose			
Total			

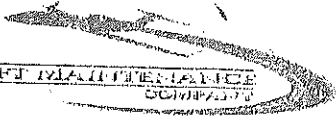
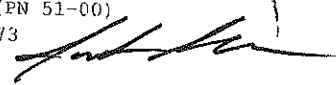
ITEM	WEIGHT	ARM	MOMENT
Computed Previously	5334.98	151.48	808153.08
APM Strakes Installed	+12.2	+319.8	+3901.0
Total	5347.18	151.0	812054.08

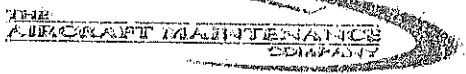
Empty Weight C.G.	151.0
Licensed Takeoff Weight	7560.0
Licensed Empty Weight	5347.18
Useful Load	2212.82

Registered Owner: Eagle Air LLC

\* Empty weight includes unusable fuel per TCDS.

11/20/20

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
TOTALS brought forward from previous page				
				
<b>AIRFRAME LOGBOOK ENTRY</b>				<b>11/20/2020</b>
<b>N5874C</b>				<b>S/N: 421C0882 HOBBS: 4380.5</b>
<ol style="list-style-type: none"> <li>1. Replaced cabin heater breaker (PN W31X2M1G15). Ops check good</li> </ol>				
<ol style="list-style-type: none"> <li>2. Replaced stall heater breaker (PN CM3589A5). Ops check good</li> </ol>				
<ol style="list-style-type: none"> <li>3. Replaced 6 bulbs (PN 8632) in auto-pilot and nav sections of A/P annunciator panel. Ops check good</li> </ol>				
<ol style="list-style-type: none"> <li>4. Installed new hardware in pilot and co-pilot kick panels to secure them to aircraft</li> </ol>				
<ol style="list-style-type: none"> <li>5. Installed new screws in instrument panel where hardware was missing</li> </ol>				
<ol style="list-style-type: none"> <li>6. Removed both broken FWD and AFT door cables. Installed new McFarlane door cables (PN 51-00)</li> </ol>				
Justin Nicholson A&P 4G53173				



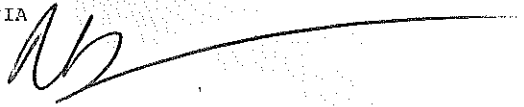
**AIRFRAME LOGBOOK ENTRY** **3-8-2021**  
**N5874C** **S/N 421C0882** **FLT MTR:4384.6** **ACTT:5644.6**

**ALL WORK DONE IAW MAINTENANCE MANUAL**

1. Comply with Annual Inspection IAW maintenance manual
2. AD 2000-01-16 complied with par.(b) visual insp, (c) visual insp, (d) visual insp, (e) pressure test.
3. AD 2016-17-08 complied with visual inspection, no defects noted at this time.
4. AD 2004-21-05 Complied with heater inspection.
5. AD 2004-25-16 R1 Complied with fuel regulator inspection.
6. Complied with FAR 91.207(d) ELT inspection.
7. Safetied inverter cannon plug.
8. Serviced Hyd fluid reservoir with 5606.
9. Removed and serviced shimmy dampner and re-installed.
10. Secured transponder encoder line.
11. Removed both LH and RH worn aileron cables and installed new aileron cables (PN 5000008-145), Seals (PN S11K-4R), Roll pins (PN MS16562-10) and rings (PN 511L-162C). Rigged cables IAW 421C AMM CR.5 Sec. 10 and Ch. 1 Sec. 00.
12. Removed both inner and outer o-rings on both LH and RH fuel caps and installed new inner o-rings (PN MS29513-010) and outer o-rings (PN MS29513-338). Rigged fuel caps for proper operating tensions.
13. Secured RH wing locker upholstery.
14. Mfg and installed scab patch repair on LH IE flap corner.
15. Filed damaged seat track edge.
16. Secured Co-pilot vent in floor to ducting.
17. Installed missing washers on LH brake bolt caliper and torqued bolts.
18. Complied with 12 month portable fire extinguisher inspection.




I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rhett Hart AP2272528781A



3/8/21

Page No. \_\_\_\_\_

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
Mid-South Avionics (KEY) 950 Mitchell Field Road Bessemer, Alabama 35022 CRS # ZY4R717M				page
A/C Registration: <u>N5874C</u> A/C Make: <u>CESSNA</u> A/C Model: <u>421</u> A/C S/N: <u>421C0882</u> HOBBS TIME: <u>4384.6</u> DATE: <u>03/08/2021</u>				
<ol style="list-style-type: none"> <li>1. Install overhauled altitude preselector p/n: 065-0046-02 s/n: 3212. Ops check good.</li> <li>2. Installed Flight Stream 110 p/n: 010-01194-01 s/n: 360001789 IAW STC SA014875E and IAW Garmin installation manual 190-00355-02 Rev. N.</li> <li>3. Instructions for continued airworthiness already present within aircraft records.</li> <li>4. No flight manual supplement available.</li> <li>5. installed TSO'd USB p/n: 6430202-1 s/n: F16-10802 IAW True Blue Power Installation manual 9017899 Rev. K.</li> <li>6. No weight and balance change necessary.</li> </ol>				
This Aircraft is approved for Return to Service with respect to work performed. Details on File under W/O NO. 2232 Date: 03/08/2021				
Donovan Richards: 				
				
<u>4026 Airport Rd, Bolton, MS, 39041 (601) 506-0845</u> <b>N5874C Airframe Maintenance Entry</b> <b>Cessna 421C serial 882</b> <b>June 1, 2021 HM 4411.3</b>				
<p>Un-commanded blow down of gear occurred during normal extension. Found hydraulic fluid present in blow down nitrogen line. Jacked aircraft connected mule, bled off gear down pressure but could not achieve full and tight transfer of shuttle valve. Removed and cleaned landing gear blow down shuttle valve and nose gear check valve and reinstalled. Cycled landing gear several times without fault. Serviced hydraulic reservoir and nitrogen bottle.</p>				
<p>Installed STC SA5193NM Micro Aerodynamics VG stall reduction and gross weight increase kit. See FAA Form 337 this date.</p>				
				
<b>David C Entrekina A&amp;P 3398557 IA</b>				


SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERH

**HAWKINS JET CENTER**

JACKSON, MISSISSIPPI

N5874C

Date 6-2-2021

Hourmeter 4412.9

Replaced terminal end on rt alternator. Operational check OK.  
Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

**HAWKINS JET CENTER**

JACKSON, MISSISSIPPI

N5874C

Date 7-19-2021

Hm 4432.8

Replaced A/C condensor blower motor p/n ES61130-3 and reciever dryer p/n ES43029-3. Serviced system with R-134. Operational check OK.  
Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

**HAWKINS JET CENTER**

JACKSON, MISSISSIPPI

N5874C

Date 8/5/2021

Hm 4440.9

Replaced right hand fuel pump with overhauled fuel pump P/N-2B729, S/N-4E532. Fuel pump ops checked good no leaks detected. Replaced left hand landing light motor with new motor P/N-TR-A6532, ops check good. Complied with AD2000-01-16 paragraph B visual inspection.

Robert C Davis A&P 3858976

*Robert C Davis*

**HAWKINS JET CENTER**

JACKSON, MISSISSIPPI

N5874C

Date 11-30-2021

Hm 4481.0

Replaced aircraft battery with new Concorde RG24-20 s/n 41131924 battery. Operational check OK.  
Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

**HAWKINS JET CENTER**

JACKSON, MISSISSIPPI

N5874C

Date 12-29-2021

Hm 40491.1

Replaced heater circuit breaker switch p/n W31X2M1G15. Operational check Ok.  
Sheldon A Burgess A&P 2159379 *Sheldon A Burgess*

**TOTALS**—Carry forward to next page

<b>DATE</b>	<b>TOTAL TIME IN SERVICE</b>	<b>TIME SINCE OVERHAUL</b>	<b>RECORDING METER TIME</b>	<b>SIGNATURE &amp; CERTIFICATE NO. OF PERSON PERFORMING WORK</b>
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AU  
 1 Ce  
 ROLLER  
 FISHER  
Identified items were found in this log and are in a condition to be used as specified in the original log.

AIRCRAFT MAINTENANCE  
 CO. INC.

AIRFRAME LOGBOOK ENTRY  
 N5874C          S/N 421C0882          HOBBS:4528.4          4-8-2022          ACTT:5788.4          HEATER:1959.8

ALL WORK DONE IAW MAINTENANCE MANUAL.

1. Comply with 100-hour and Annual Inspection IAW FAR 43 appendix D
2. AD 2000-01-16 complied with par.(b) visual insp, (c) visual insp, (e) pressure test. No defects noted at this time. Next due (b) HM:4578.4 (c) APR 2023 (d) APR 2023.
3. AD 2016-17-08 complied with visual inspection, no defects noted. Next due APR 2023.
4. AD 2004-25-16 R1 Complied with fuel regulator inspection. No defects noted at this time. Next due HM:4628.4 or APR 2023.
5. AD 91-25-08 R1 complied with. No defects noted. Next due @ HM: 4628.4
6. Complied with FAR 91.207(C) ELT inspection.
7. Complied with 12-month portable fire extinguisher inspection. Weight recorded @ 2.11kg. Portable bottle due 12-year hydro or replacement next year.
8. Complied with annual lubrication schedule.
9. Removed shimmy damper, rebuilt with new O-rings, serviced with 5606 and re-installed. Ops and leak check good.
10. Removed LH brake caliper brake linings and puck o-rings. Installed new puck o-rings (PN MS28775-132) and brake linings (C65-06600).
11. Serviced and bled brake master cylinders.
12. Adjusted routing and lubricated oxygen pull on knob cable.
13. Adjusted both LH and RH voltage regulators to match at 27.5 output volts. Ops check good.
14. Secured co-pilot amrest.
15. Applied sealant to lifting wing deice boots and patches.
16. Re-sealed pilot side windshield as needed.
17. Serviced oxygen to full.
18. Serviced alcohol reservoir to full.
19. Lubricated hinges on RH alt air door for smoother operation.
20. Removed Insight OAT probe under left wing and installed new probe (PN 1200-021 SN 12043).
21. Removed frozen aileron pulley from middle flap well and installed new pulley (PN MCS378-3). Ops check good.
22. Repositioned 2 AC lines in nose baggage to prevent chafing.
23. Replaced 2 deteriorated avionics cooling scat tubes in nose baggage with new tubes.
24. Removed and replaced both LH and RH MLG O/B wheel bearings (PW 07100).
25. Removed improper nut from NLG axial end and installed correct hardware.
26. Removed Radar ALT Light cover and installed new bulb (PN 11-11001). Installed cover. Ops check good.


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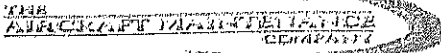
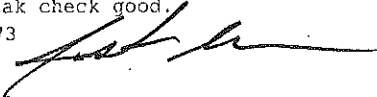
DATE	TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED—
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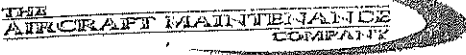
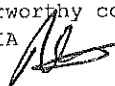
27. Removed INOP Prop Deice Antimeter and installed AR Unit (PN C662503-0101). Ops check good.
  28. Removed blown bulb in LH wing locker and installed new bulb (PN 1309). Ops check good.
  29. Installed new hardware in compass housing to secure.
  30. Repaired, applied fiberglass, painted and installed anti-chafe tape on LH wing root leading edge.
  31. Attached Co-pilot evaporator ducting to evaporator.
  32. Tightened loose screws in LH wing leading edge O/B panel.
  33. Mfg, painted and installed repair on LH I/B nacelle skin.
  34. Mfg, painted and installed repair on damaged skin LH O/B nacelle skin.
  35. Applied RTV to both wing locker seals where required.
  36. Removed and replaced working rivet on LH I/B aft of nacelle.
  37. Removed aileron trim tab small trailing edge damage and filed smooth.
  38. Removed busted O2 relief indicator and installed new relief cover (PN CM3578-1).
  39. Installed new O-rings on shuttle valve in nose baggage to correct hydraulic leaks. Operated all systems. Leak check good.
  40. Removed broken nut and cotter pin from fwd tow lug and installed new hardware.
  41. Replaced deteriorated DG clamp on taxi light wiring harness in nose wheel well.
  42. Repaired upper RH gear well damage with fiberglass patch and painted.
  43. Replaced deteriorated DG clamp on RH gear brake line.
  44. Replaced corroded rivets on both LH and RH wing splice panels.
  45. Applied conductive paint to deice boots as needed.
  46. Secured 1 loose static line in tail.
  47. Replaced broken rivet in vert Stab FWD bulkhead.
  48. Removed and replaced deteriorated pressurization lines by outflow and safety valves.
  49. Secured 2 grounds in RH cabin floor.
  50. Removed and replaced both LH and RH gear up lock rollers. Ops check good.
  51. Installed anti chafe wrap on pneumatic line in LH wing to prevent damage.
  52. Removed both LH and RH hydraulic filter housings. Installed new O-rings (PN MS28778-6) on fittings. Installed new filter (PN AN6235-2A) and o-ring (PN MS28775-224) in bowl. Ops and leak check good.
  53. Reglued all carpet Velcro in nose baggage to secure carpet.
  54. Replaced 2 rivnuts on LH side of nose baggage to secure flooring.
  55. Mfg and installed new cockpit carpet supports.
  56. Repaired broken lighting wire in magnetic compass. Ops check good.
  57. Disabled Altitude Preselect Switch.
  58. Removed and replaced 1 camloc on batt box cover and squeezed 2 more to seat lock pins.
- I certify this aircraft was inspected in accordance with 100-hour inspection per FAR 43 appendix B and was determined to be in an airworthy condition.
- Justin Nicholson AWP4092173

I certify that this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Next Hart AP2272528781A

10/17/2022	N5874C	SN 421C0882	Hobbs: 4607.8 TPA: 5862.8
Removed Premiere-Aviation Inc Wheel Cover (PAS421) & replaced with new			
style PAS400HC-MDL, type STC SA02430LA, see <del>set</del> instructions			
For Continued Airworthiness under STC.			
<i>[Signature]</i> ATP2858488			
SUB-TOTALS this page			
TOTALS—Carry forward to next page			

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				<i>Left ENGINE</i>
				
				ENGINE #1 LOGBOOK ENTRY                      11/20/2020
				N5874C            S/N: 421C0882                      HOBBS: 4380.5
				1. Complied with AD 2001-01-16 (b), no discrepancies noted at this time
				2. Complied with oil and filter change IAW AMM 12-00. Cut open filter, inspected for metal, none found at this time. Serviced engine with 12 qts of Phillips XC 20w50 and installed new oil filter (PN AA48111). Leak check good.
				Justin Nicholson A&P 4053173 

				
				ENGINE #1 LOGBOOK ENTRY                      3-8-2021
				N5874C            S/N: 27324-R                      FLT MTR:4384.6                      ACTT:5644.6                      TTSO:212.8
				ALL WORK DONE IAW MAINTENANCE MANUAL
				1. Comply with Annual Inspection IAW maintenance manual.
				2. AD 2007-05-15 Complied with Starter Adapter inspection Part 2
				3. Complied with oil and filter change. Cut filter and inspected. No metal noted at this time. Serviced engine with 12 qts of Phillips 20w50 Type M for cylinder break-in period and new filter (PN AA48111).
				4. Removed #6 cylinder for low compression and installed RAM aircraft OVH cylinder (PN ECL74.0-241-UP SN 61401-30). First flight break-in procedures given to captain.
				5. Compression check #1-62, #2-56, #3-60, #4-64, #5-64, #6-41
				6. Removed all spark plugs for wear and installed new plugs (PN URHB32E).
				7. Mfg new IB and OB baffle brackets and installed.
				8. Secured FWD OB engine mount shield from chaffing CHT probe.
				9. Repaired hole in airbox. Mfg repair and installed.
				10. Removed cracked oil cooler and installed OVH oil cooler (PN 8000464 SN 3859724). Leak check good.
				11. Removed deteriorated airbox cowling seal and installed new seal.
				12. Degreased and cleaned motor.
				I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.
				Rhett Hart AP227252878IA 


SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME SERVICED	→ HAWKINS JET CENTER → JACKSON, MISSISSIPPI		TIME WORK
		N5874C LH	Date 8/5/2021	Hm 4440.9
		Changed oil and filter. Cut old filter open and inspected. No metal found. Installed new oil filter, serviced engine with 13qt of aeroshell W100. Engine washed and ground ran. No leaks noted. Complied with AD2000-01-16 paragraph B visual inspection.		
		Robert C Davis A&P 3858976 <i>Robert C Davis</i>		
		→ HAWKINS JET CENTER → JACKSON, MISSISSIPPI		
		N5874C Left	Date 12/29/2021	Hm 4491.1
		Drained oil and removed filter. Old filter cut open and inspected. No metal found. Serviced engine with 13 qt 20w50 XC oil. Washed and grd run engine. No leaks noted at this time. C/W AD 2000-01-16 pressure test successful no leaks noted.		
		Robert C Davis A&P 3858976 <i>Robert C Davis</i>		

L/H

ENGINE #1 LOGBOOK ENTRY  
 N5874C S/N: 27324-R HOBBS:4528.4 ACT:5788.4 TTSC:356.6 4-8-2022

ALL WORK DONE IAW MAINTENANCE MANUAL

1. Comply with 100-hour and Annual Inspection IAW FAR 43 appendix D
2. AD's biweekly checked through 2022-07
3. AD 2007-05-15 Complied with Starter Adapter inspection Part 2. Next due @ APR 2023.
4. Complied with oil and filter change. Cut filter and inspected. No metal noted at this time. Serviced engine with 12 qts of Phillips 20w50 and new filter (PN AA48111).
5. Compression checks #1-61, #2-60, #3-58, #4-58, #5-59, #6-57
6. Adjusted mixture.
7. Installed new air filter (PN P10-8421).
8. Removed corroded idle screw and spring. Installed new idle screw (PN 639479) and compression spring (PN 07-03874). Adjusted idle setting. Ops check good.
9. Safetied all exhaust clamps.
10. Patched and re-installed #4 and #6 inner cylinder baffle in correct position.
11. Applied RTV to forward cowling grommet to secure.
12. Removed broken wastegate clamp and installed new clamp (PN U10CC50-240M) and safetied.
13. Repaired crack in top cowling with stop drill and patch.
14. Corrected top cowling rib inside damage with mfg repair.
15. Removed and replaced push rod seals on #1 and #4 cylinders.
16. Checked torque and installed missing cotter pins on exhaust slip joints.
17. Tightened screws on all valve covers.

I certify this engine was inspected in accordance with 100-hour inspection per FAR 43 appendix D and was determined to be in an airworthy condition.  
 Justin Nicholson A4E4053173

I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
 Brett Hart AF2272528781A





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
				<b>TOTALS</b> brought forward from previous page



R1H

ENGINE #2 LOGBOOK ENTRY  
 N5874C S/N: 604593 FLT MTR:4384.6 3-8-2021 ACTT:5644.6 TTSO:556.0  
 ALL WORK DONE IAW MAINTENANCE MANUAL

1. Comply with Annual Inspection IAW maintenance manual.
2. AD 2007-05-15 Complied with Starter Adapter inspection Part 2.
3. Complied with oil and filter change. Cut filter and inspected. No metal noted at this time. Serviced engine with 12 qts of Phillips 20w50 and new filter (PN AA48111).
4. Compression check #1-68, #2-74, #3-72, #4-70, #5-68, #6-72
5. Removed all spark plugs for wear and installed new plugs (PN URHB32E).
6. Mfg and installed new bracket on engine baffle to intake manifold.
7. Secured all loose wire bundies.
8. Secured wastegate drain line.
9. Repositioned intake hose and positioned clamp to secure hose.
10. Removed deteriorated airbox cowling seal and installed new seal.
11. Degreased and cleaned motor.

I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rhett Hart AP227252878IA

→ HAWKINS JET CENTER →  
 JACKSON, MISSISSIPPI

N5874C RH Date 8/5/2021 Hm 4440.9

Changed oil and filter. Cut old filter open and inspected. No metal found. Installed new oil filter, serviced engine with 13qt of aeroshell W100. Engine washed and ground ran. No leaks noted. Complied with AD2000-01-16 paragraph B visual inspection.

Robert C Davis A&P 3858976

*Robert C Davis*

→ HAWKINS JET CENTER →  
 JACKSON, MISSISSIPPI

N5874C Right Date 12/29/2021 Hm 4491.1

Drained oil and removed filter. Old filter cut open and inspected. No metal found. Serviced engine with 13 qt 20w50 XC oil. Washed and grd run engine. No leaks noted at this time. Replace exhaust by pass elbow with new P/N 9910300-3. C/W AD 2000-01-16 pressure test exhaust successful no leaks noted at this time.

Robert C Davis A&P 3858976

*Robert C Davis*

R1H

Page No.

Right Engine Maintenance Entry N5874C March 11, 2020  
TCM GTSIO-520-L S/N: 272425-R Hour: 4343.7 TTE: 4189.5 TSO: 515.3

PRK

DATE

Maintenance Actions

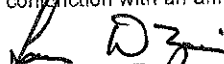
- 1) Performed 100 hr/annual inspection/maintenance using Cessna 421C Maintenance Manual Inspection Checklist.
- 2) Performed Differential Compression Check. 1) 70/80, 2) 64/80, 3) 65/80, 4) 62/80, 5) 66/80, 6) 69/80.
- 3) Removed and inspected oil filter. no metal noted. Installed a new CH48111-1 filter and saftied. Serviced with 11 qts Phillips X/C 20W50.
- 4) Starter adapter was inspected in accordance with (h)(l)/MSB94-4G part 2, no defects noted.

Work accomplished by: Charles R. Hopper, David C. Entrekin and Lawrence D. Zavoina.

Airworthiness Directives

1) Complied with AD 2007-05-15 amendment 39-14976. Paragraph (f) needle bearing replacement has been previously complied with. The adapter was installed from overhaul at HM 3828.6. It was inspected in accordance with (h)(l)/MSB94-4G part 2, no defects noted. The next inspection under this part is due at HM 4443.7 or at annual, whichever occurs first. Inspection under (j) (k) /MSB94-4G part 3, adapter removal and inspection. Next due at HM 4660.9. Starter adapter shall be inspected in accordance paragraph (g) should engine experience rough running.

Performed ground run and operational checks. No defects noted at this time. This engine has been inspected in conjunction with an annual inspection and is approved for return to service.

  
Lawrence D. Zavoina

AP/IA 250965638


  
**AIR IMPRESSIONS, INC.**  
PROFESSIONAL AIRCRAFT SERVICE


7929 Karl May Dr.  
Waco, Texas 76708  
CRS No. AK6R541N

Continental GTSIO-520-L S/N L-272324-R

Aircraft HM: 4366.3  
Date: 07/16/2020

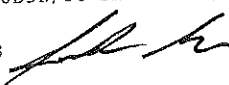
On above referenced engine, performed set-up of systems per Continental and RAM specs. Engine ground run-up leak checked good and approved for return to service for maintenance performed. Pertinent details are on file under work order 5087.

  
Air Impressions, Inc.  
CRS# AK6R541N

  
THE AIRCRAFT MAINTENANCE COMPANY

ENGINE #2 LOGBOOK ENTRY 11/20/2020  
N5874C S/N: 421C0882 HOBBS: 4380.5

1. Complied with AD 2001-01-16 (b), no discrepancies noted at this time
2. Complied with oil and filter change 1AW AMM 12-00. Cut open filter, inspected for metal, none found at this time. Serviced engine with 12 qts of Phillips XC 20w50 and installed new oil filter (PN AA48111). Leak check good.
3. Removed Prop governor for overhaul, installed newly overhauled prop governor (PN DCFS290D9D/T6 SN 000199). Runs and leak check good.

Justin Nicholson A&P 4653173 


SUB-TOTALS this page

TOTALS—Carry forward to next page



HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

LH

  
THE  
AIRCRAFT MAINTENANCE  
COMPANY

Propeller #1 LOGBOOK ENTRY 3-8-2021  
N5874C S/N:7910637 FLT MTR:4384.6 ACTT:5644.6 TTSO:212.8

ALL WORK DONE IAW MAINTENANCE MANUAL

1. Comply with Annual Inspection IAW maintenance manual
2. Dressed prop blades
3. Removed prop de-ice harness on #1 blade and installed new harness (PN 4E1889-4). Ops check good.

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rhett Hart AP227252878IA



Mech. Cert. # or Repair Station #

IS

LH

Propeller #1 LOGBOOK ENTRY  
N5874C S/N:7910637 HOBBS:4526.4 4-8-2022  
ACTT:5788.4 TTSO:356.6  
ALL WORK DONE IN ACCORDANCE WITH MAINTENANCE MANUAL

1. Comply with 100-hour and Annual Inspection IAW FAR 43 appendix D
  2. AD's biweekly checked through 2022-07
  3. Dressed prop blades
  4. Checked propeller torques and found to be correct.
- I certify this propeller was inspected in accordance with 100-hour inspection per FAR 43 appendix D and was determined to be in an airworthy condition.  
Justin Nicholson A&P4053173

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
Rhett Hart AP227352878IA


Mech. Cert. # or Repair Station #

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year:

Date:

Next In  
Due:

  
IAW  
AIRCRAFT MAINTENANCE  
COMPANY

RIH

Year:

Date:

Next In  
Due:

Propeller #2 LOGBOOK ENTRY 3-8-2021  
N5874C S/N:796741 FLT MTR:4384.6 ACTT:5644.6 TTSO:1282.9

ALL WORK DONE IAW MAINTENANCE MANUAL

1. Comply with Annual Inspection IAW maintenance manual
2. Dressed prop blades

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Rhett Hart AP227252878IA

Year:

Date:

Next In  
Due:

Mech. Cert. # or Repair Station #

R/A

Year

Date

Next

Due

Propeller #2 LOGBOOK ENTRY  
N5874C S/N:796741 ROBB3:4529.4 4-8-2022  
ACTT:5738.4 TTSO:1426.7

ALL WORK DONE IAW MAINTENANCE MANUAL

1. Comply with 100-hour and Annual Inspection IAW FAR 43 appendix D
2. AD's biweekly checked through 2022-07
3. Dressed prop blades
4. Checked propeller torques and found to be correct.

I certify this propeller was inspected in accordance with 100-hour inspection per FAR 43 appendix D and was determined to be in an airworthy condition.  
Justin Nicholson ACP4053173

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
Rhett Hart AP2272523781A

Mech. Cert. # or Repair Station #

and