

# N617CC

## 1980 Cessna 421C

---

# Airframe Logbook #2 of 5 1994 - 2002

**Aircraft S/N: 421C-0897**



*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*

REPLACE ELT BATTERY BY:  
SEP '01



*The Standard*

**AIRCRAFT LOG**

153-100-1

**Aircraft Record** General Information

Manufacturer Cessna Model 421C

Serial 421C-0897 Registration Number N6174C

Date of Manufacture \_\_\_\_\_

Engine(s) currently installed:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Propeller(s) currently installed:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

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 Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	--

28 NOV 94 N6174C C-421C

HOBBS TIME 3553.5

INSTALLED 5 EACH ON RIGHT SPINNER AND 3 EACH ON LEFT SPINNER, SPACER P/N 0850330-3. INSTALLED NEWLY OVERHAULED RETRACTABLE LANDING LIGHT ASSEMBLY P/N 45-0148-9. INSTALLED PROTECTIVE NOSE CONE MASK P/N PM-58. INSTALLED ATS 421 VORTEX GENERATOR KIT AS AUTHORIZED BY STC SA000155E. FORM 337 EXECUTED THIS DATE. WEIGHT CHANGE NEGLIGIBLE.

SIGNED

*Mike McMurrer*

MIKE MCMURRER AP204455005

ANGEL AIR, INC.  
GREENFIELD, INDIANA

TELEPHONE: 317-335-3371  
FAX: 317-335-2073

DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair</small>
28 NOV 94		N6174C	C-421C	HOBBS TIME 3553.5

INSTALLED TANKS HEATER KITS P/N TAS100-12 S/N 23134 FOR RIGHT ENGINE AND P/N TAS100-12 S/N 23140 FOR LEFT ENGINE. OPTS  
CHECK SATISFACTORY.

SIGNED Jimmy L. Hubbard  
JIMMY L. HUBBARD AP314481070

ANGEL AIR, INC.  
GREENFIELD, INDIANA

TELEPHONE: 317-335-3371  
FAX: 317-335-2073


DATE 19 <u>95</u>	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 Repair Facility. (See back pages for other specific entries.)
1-13	3542.1		38	REMOVED DEFECTIVE AEROSONIC FUEL FLOW INDICATING SYSTEM. INSTALLED SHADIN 910532 TD DIGIFLO-L FUEL FLOW INDICATING SYSTEM IN SAME LOCATIONS AT ORIGINAL PER STC. 5A607GL AND 5E612GL. SEE 337 FORM THIS DATE WEIGHT CHANGE NEGLIGIBLE
				<b>MUNCIE AVIATION</b>
				<b>CO.</b>
				GOVERNMENT
				APPROVED REPAIR STATION
				NO. AJVR135C
				INSPECTOR <u>David H. Hidy</u>
				WO NO. <u>A-6143</u>



DATE 19 <u>95</u>	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 Repair Facility. (See back pages for other specific entries.)
Feb 3	3590.5			Replaced Seal on Starter for Oil leak LH Engine Replaced Cannon Plug on Tach Generator Test Run OK - END - Ed Hofelman A+P 2184841
Feb 24	3614.7			Paralleled Alternators, <del>and</del> Tested Prop Sync Circuits Run up Tested prop Sync Actuator Coils Function Tested Prop Sync on Ground OK, Re sealed Nose Strut Serviced With Oil + Air Nitrogen Edvard Hofelman A+P 2184841 Montgomery Aviat



DATE 1995	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 Repair Facility. (See back pages for other specific entries.)
5/17	3659.0	T.T.	3659.0	<p>I certify that an annual insp of this HPT was performed &amp; that it was found to be in an airworthy condition on 80-17-04 is N/A C/N AD 9125-08 ON FRONT SPKR USING BOTH FLOOR. DON. INSP. &amp; END, CURRENT, NO DEFECTS NOTED. NEXT DUE AT 3959.0. C/N <sup>82-07-03</sup> <del>AD</del> DECAY TEST &amp; 100 HR INSP, NO DEFECTS, NEXT DUE 5/97 OR NTR HOBBES, WHICH FIRST. C/N AD 93-05-03 ON PWR INLET FLOOR, FOUND LOOSE "B" NUT IN LT WING. TIGHTENED SAME. NEXT DUE 3859.0. AD 92-16-18 IS O/A IN VIBR PORM SNAPS NOT INSTALLED. (SEE SECTION 360P LOG ONE PER COMPLETE AD LISTING.)</p>

DATE 15 95	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 Repair Facility. (See back pages for other specific entries.)
5/17	7657W	CONT'D.		REPLACED AP WATEN TIRE, REPAIRS WERE TIRE. REMOVED WOT BOK "PUNDA" SUPPORT & AD-INSTALLED APAR WOT REPAIR BY HAWKNEE APED. ADJUSTED COMPRESSION ON BLONK 5-1/2 IN. FOR IN/M. CLOAKED REPAIR PUL DATA. CLOAKED BOTH AIR COND. EVAP. COILS. REPAIRS PRIMER SWITCH. REPAIRS ARABO LENSES. ON LT. BOXER, REPAIRS LVR. AIR SPARK DOOR, WSPACED SOXVACABLE VWT. AD-INSTALLED LT. NAV LIGHT. REPAIRS AP PACH FOR MATHOR CANNON PLUG. REPAIRS BRACKET AIR PILERS BOTH ONE'S. WOT DUB 5/96 OR 3857 0 (BA-13) REPAIRS AT BOOST PUMP WITH AIRBORNE O/H O PORT. SIN ON 11 AK 168. REMOVED, SERVICED, CHARGED &

DATE

19

C O





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 Repair Facility. (See back pages for other specific entries.)
1-5-96			HOBAS 3789.4 hrs	
				INSTALL Rebuild LEFT ENGINE
				VACUUM pump. PIN 441CC SIN 12724
				by PRAIRIE AVIATION supply. ENGINE
				RUN up OK SATISFACTORY. NO LEAKS.
				Jimmie S. Hillbard
				A+P 314481070
				Angel air, Inc



# Repairs and Alterations

Technician or Repair

pair

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 Repair Facility. (See back pages for other specific entries.)
				<p>AIRCRAFT LOGBOOK ENTRY N 6174C Tach=3806.9 HRS</p> <p>Date 2/14/96</p> <p>Removed Trimble TNL-2000T GPS system.</p> <p>Installed Trimble TNL-2000Approach GPS system with annunciators/switches and interconnection to pilots HSI Nav indicator as required for GPS Non-Precision Approach Approval.</p> <p>See 337 form this date.</p> <p>Weight and balance is negligible.</p> <p>MUNCIE AVIATION CO. REPAIR STATION # AJVR135C</p> <p>WORK ORDER # A-7870</p> <p>Signed <u><i>Ken K. Turner</i></u> insp.</p>

DATE 19__	RECORDING TACH - TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair</small>	DA 19__
				I certify that the altimeter/static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F and AC43.6A to <u>25k</u> ft.	
				Altimeter#1: Mfg <u>ARC</u> P/N <u>43300-61288</u> S/N <u>387</u>	
				Altimeter#2: Mfg <u>United</u> P/N <u>5934PA-1</u> S/N <u>T8888</u>	
				Encoder#1: Mfg <u>ARC</u> Model <u>43300-61288</u> S/N <u>387</u>	
				Encoder#2: Mfg <u>Switched</u> Model <u>#1</u> S/N	
				Trans#1: Mfg <u>ARC</u> Model <u>RT-859A</u> S/N <u>1247</u>	
				Trans#2: Mfg <u>ARC</u> Model <u>RT-859A</u> S/N <u>1204</u>	
				Details of the inspection are on file at the C.R.S. under W.O. No. A <u>7871</u>	
				Date <u>2-14-96</u> Signature <u>Scott B. Picha</u>	
				Certified Repair Station <u>AJVR135C</u>	
				Muncie Aviation Company Muncie, IN 47308	
				<i>*Please Place In Aircraft Logbook*</i>	



DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/28/96			Acobs 3821.8 hrs.	
				INSTALLED Rebuild LEFT WING de-ICE BOOT CONTROL VALVE. PIN 302363-01 S/N N1123. OPN'S checked good.
				James S. Hubbard A+P 314481070 Angel Air, Inc.



DATE 19 <u>96</u>	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 Repair Facility. (See back pages for other specific entries.)
6-3	3844.4		3844.4	<p>VERIFY THAT PMS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH</p> <p>FAA AD 91-23-05R1 on main</p> <p>SAFETY INSPECTION DATE <u>June 3, 1996</u></p> <p>check and lubr flight control. Throttle race along gear fitting</p> <p>check gear operation normal. AD 91-23-05R1 on main</p> <p>spark due for recheck at 3857.0 - check fuel inlet filter</p> <p>valves per AD 95-09-13 check OK not check due 4044.4</p> <p>Inspection test ELT battery expires October 1996</p> <p>Permanent details of inspection on file this agency</p> <p>under work order no. <u>4423</u> Date <u>6-3-96</u></p> <p>Signed <u>William E. Nickle</u></p> <p>Brown Flying School, Inc. CRS DAVR120D</p> <p>6050 Clinton Road</p> <p>Terre Haute, Indiana 47805</p>



DATE 10-27	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 Repair Facility. (See back pages for other specific entries.)
8-25	4014.2			<div> <div>31 hours 4014.2</div> <div> <div>Landing Gear ✓</div> <div>Fan Motor ✓</div> <div>Main Wheels ✓</div> </div> <div> <div>Brakes ✓</div> <div>Battery ✓</div> <div>Brakes New Linings</div> </div> </div>
				<div> <div>check and lubricate flight controls - check landing gear fitting - check gear operation and manual - check master per AD 96-20-07 found OK - install</div> <div>conductors coil meter - check wing spar per AD 97-25-0381 no cracks found</div> <div>check fuel 1314.1 - install new brake lining both mains - install new</div> <div>pump drive bushes both engines - install new drain valve at fuel</div> <div>strainers sight needle - install overhauled DC spark 4000-12</div> <div>S/N 47632C in repair shop - service air conditioner with freon</div> <div>Remission for EIT per 91.207d install new battery repair February 1999</div> </div>

(Next Page)



DATE 1998	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 Repair Facility. (See back pages for other specific entries.)
2-9				
2-9	4131.2		4131.2	<p>aircraft... and been inspected in accordance with</p> <p>a Annual inspection and was determined to be airworthy</p> <p>February 9, 1998</p> <p>work and lubricate flight controls - check landing gear fittings</p> <p>1091-25 CRSI wing serial 4314.1 - 4095-09-15 fuel valves due 4444.4</p> <p>functioned/ELT per 91.203 battery expires 2-99</p> <p>Permanent records of inspection on file this agency</p> <p>under work order no. 4575 Date 2-9-98</p> <p>Signed William E. Zickler</p> <p>Brown Flying School, Inc. CRS DAV1200</p> <p>6050 Clinton Road</p> <p>Terre Haute, Indiana 47805</p>



DATE 10-99	RECORDING TACH TIME HM	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 Repair Facility. (See back pages for other specific entries.)
12-8	4347.8	4347.8	1	CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AS 4347.8! INSPECTION AND WAS DETERMINED TO BE IN A WORTHY CONDITION THIS DATE December 8, 1999
				check and do not use flight schedule. Transponder gear pitot - check wiring of all per AD 91-25-0881 left OK right 1" crack must be repaired each so know till it is installed Scheduled into Puma center for pitot installation. Delay but high per AD 96-20-07 OK at this time - AD 95-09-13 on fuel valve due at 4441.4 - comply with AD 98-04-29 by installing copy of AD in limiter section of AFM - Function test EAT per on 91-2074 install new battery expires 9-2001 - check gas regulator - operation normal



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 Repair Facility. (See back pages for other specific entries.)
	4347.8		4347.8	Cont from previous page
				12-8-94 NO TIME 4347.8 W.D. # 1073
				THE ABOVE COMPONENT IDENTIFIED ABOVE WAS
				REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND
				MAINTENANCE RECORDS AND IS APPROVED FOR RETURN TO SERVICE
				REPAIR STATION NUMBER DAVR1200
				SIGNED <i>William E. Zuckler</i> FOR
				REPAIRING SCHOOL, INC. 6304 NORTH CLINTON STREET
				TERRE HAUTE, IN 47605
				REPAIR STATION NUMBER DAVR1200

DATE 1999	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 Repair Facility. (See back page's for other specific entries.)
12-8	4347.8		4347.8	altimeter removed sent to Dynon for certification installed system check checked panel certification
				CERTIFY THAT THE ALTIMETER / STATIC, TRANSPONDER AND ENCODER (ONE EACH) HAS BEEN TESTED BY: 01-01-01, 01-01-01, 01-01-01 TESTED: 12/8/99 BY: 01-01-01, 01-01-01, 01-01-01 MAX. PRESS. (4000-4500) 35,000 ft INST. #1: ARC SN 43300-4188 SN 397 INST. #2: United Inst. SN 952400-1 SN 18043 INST. #1: ARC SN 43300-4188 SN 397 INST. #2: Switched SN ST #1: ARC SN RT-859-1 SN 1247 ST #2: ARC SN RT-959-1 SN 1204 Date of the inspection and test of this equipment: 12-8-99 by: _____ Date 12-8-99 Signature: William E. Hinkle 400 Ranch Station, DAYTON, OH AVIATION SCHOOL, INC. 6893 North Clinton Street Terre Haute, IN 44806

© ASA 1993

DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
19				<div style="display: flex; justify-content: space-between;"> <div> <p>Label type: Airframe</p> <p>Reg # : N6174C</p> <p>Serial # : 421C-0897</p> </div> <div> <p>Page: 1</p> <p>WO#: 252746</p> <p>Date: 12/21/99</p> </div> <div> <p>18 Terminal Drive</p> <p>East Alton, IL</p> <p>618-259-3230</p> <p>FAA CERTIFIED REPAIR STATION</p> <p>PAZR068H</p> </div> </div>

**PREMIER**  
Air Center, Inc.

H/M 4348.6

INSTALLED SK421-142-2 WING FRONT SPAR UPPER CAP MODIFICATION TO R/H WING PER MEB91-7 INSTRUCTIONS. SUPERCEDED WEIGHT AND BALANCE PLACED IN P.O.H.

INSTALLED 2 NEW SURFACE DEICE LINES P/N'S 5100108-82, -90 IN R/H WING.

INSTALLED NEW PRESSURIZATION DUCT P/N CM3211-10B38.0 IN R/H WING

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Date: 12/21/99 Signed: [Signature] For CRS PAZR068H

PASA 1993

### Log Book Entry

MAKE	MODEL	Tail #	Serial #:	Aircraft Total Time:
Cessna	421C	N6174C	0897	4352.1

Removed main floor and cockpit carpet, cut, fitted and surged new 100% nylon carpet and installed. Polished windshield.

All materials have been tested and comply with FAR 25.853A. 8110-3's are on file at this repair station. The aircraft, airframe, interior or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and determined to be in air worthy condition and is approved for return to service. Pertinent details of the repair is on file at the repair station under:

Work Order #: 00-154

Date:

5/23/00

  
Signature

**MJ Aircraft Inc.**  
**Repair Station # JH5R962M**  
**345 Airport Rd.**  
**Anderson, IN 46017**

DATE  
19\_\_

0

DATE	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 Repair Facility. (See back pages for other specific entries.)
AS 2001	023			
5/4	4357.6 4358.1			I CERTIFY THAT AN ANNUAL INSP. OF THIS AIRCRAFT WAS PERFORMED AND THAT IT WAS FOUND TO BE AIRWORTHY AT THIS TIME. VERIFIED A.D. 67-21-02 R1 AS C/W, AD 91-25-08 R1 NOT DUE THIS VISIT. LEFT WING IS DUE AT 4647.8 R.F. WING IS DUE AT 4947.8, AD 95-09-13 FLOAT ROPIACO VERIFIED AS PREVIOUSLY COMPLETED WITH INSPECTED FLOATS FOR AD NEXT DUE AT 4958.1, AD 62-07-03 NTR DECATY 1055 C/W, NO WORKS NEEDED, NEXT DUE AT 1375.9 NTR ADDBS OR 5/2023 WINTERHOUSE DEURS

DATE 19__	RECORDING TAGH 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 Repair Facility. (See back pages for other specific entries.)
CONT'D				FIRST, REPLACED ACFT BODY. WITH NEW PART, REPLACED VACUUM REGULATOR AND INSTR. FILTERS. AD 2001-01-16 NOT DUE THIS VISIT, EXHAUST WAS O/H'A AT 4351 G HOBBS, REPLACED BOTH BLACKOUT AIR FILTERS BOTH ENGS. NEXT DUE 5/2002 OR 4551 G HOBBS. PERFORMED ROTAX CHECK 4558.1 G OF LOG BOOK & EMER. EXT. CHECK. OMK, DOWNDOWN BATTLE AND O <sup>2</sup> CYL. BOTH HYDROSTATICALLY CHECKED. COORDINATED OUT PLAN & SAFETY VIDEOS, REPLACED PROP DE-ICE BRUSHES, BOTH <del>SEMI</del> 5100'S ACFT LOADED FOR CROSSING M/M. <del>RECEIVED</del> APP 30449288 IN © ASA 1993







DATE

19

Cutter Aviation

3100 Donald Douglas Loop North

Santa Monica, Ca. 90405

WO1303 N6174C 1/18/02 CRS U23R624Y

1) Fuel leaking at left nacelle. Removed and replaced fuel transfer pump, leak and ops check IAW Cessna MM.

2) C/W AD 2001-17-13. C/W IAW SB A-107 from Electro Systems

N/A by part number installed.

3) Accomplish Oil changes. Drained oil, cut open filter, inspected for contamination none noted. Installed new filter, added AS 15W50 oil, leak and ops check normal.

4) Pressurization inop. Trouble shot system, inspected lines, controller, outflow and safety valve. Replaced Safety valve. Operational check normal.

5) Replace ELT. Replaced ELT next due 2003.

6) Compression Check on engines 62/80 58/80 64/80 64/80 58/80 64/80; 58/80 54/80 48/80 58/80 60/80 70/80.

7) Installed Ram supplied cyl. In #1 and #3 locations on number 2 engine. Aircraft to go to RAM for engine replacements.

8) Trouble shot Right engine oil leak, found oil line behind Turbo leaking added conical seal and tightened line, ops check normal.

Authorized Signature

*[Signature]*

or Repair

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 Repair Facility. (See back pages for other specific entries.)
--------------	---------------------------	-------------------	-----------------------------	---

Hour Meter: 4473.4  
 Since Remanufacture: 4473.4  
 Date: 02-07-02

Cessna 421C-0897 N6174C

Log book closed this date and total time. See RAM Log No. 3 for future entries. Pertinent details are on file under work order no. 5450.

S. Wade  
 RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K
