

RAM

AIRCRAFT CORPORATION

AIRFRAME MAINTENANCE RECORDS

Registration No.

N2661P

Serial No.

421C-1213

Book **2**

1990-2005



AIRFRAME MAINTENANCE RECORDS

Log No. 2

1990-2005

Aircraft Registration No. N2661P

Model Cessna 421C

Serial No. 421C-1213

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
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Waco Regional Airport

Airframe Total Time: 1357.8
Hour Meter: 1357.8
Date: 4/12/90

CESSNA S/N 4210-1213 N2661P

Above referenced aircraft modified per gross weight increase per STC SA5981SW. See 337. Installed RAM remanufactured engines and new McCauley propellers. Installed Symbolic Displays Hoskins Fuel Flow Indicating System per STC SA5796SW. Transducer installation per STC SE5726SW. Installed Alcor range-marked EGT gage p/n 46158 per STC SA522SW. Installed red silicone impregnated fiberglass baffle material on each engine. FAA-PMA replacement baffles. Replaced left and right engine wastegate and valve assy's. Replaced left and right engine turbocharger. Replaced left and right engine EGT probe. C/W AD's 75-23-08 R5, 79-05-09, and 86-13-04 R3. See engine log. C/W AD 72-14-08 per pressure check and inspection of fuel and oil hose. Installed re-marked tachometer, manifold pressure gage, and 3-in-1 gages per STC. Installed improved engine cooling baffles and exhaust slip joints per STC SA4592SW. Installed new prop de-ice brushes on left and right engine. C/W AD 84-26-02 per replacement of air filters. Due replacement every 500 hours. New empty weight and balance computed. Aircraft approved for return to service for engine run-in procedures and modifications performed. Pertinent details on file under work order #11155.

Robert Franklin

RAM Aircraft Corporation, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

SUB-TOTALS this page
TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page 1
4-18-90	1361.3		1361.3	PerFORMED Annual Insp This date.
EET.	11-90			cleaned Fuel & Strainers, Replaced Hyd.
91-172	2-29-91			Filters & cck Batteries Hyd Fluid & brake.
91-171	2-29-91			Fluid. Packed wheel bearings. Replaced
0 ² Bottle	6-92			all brake linings on both sides.
				clw AD 82-07-03 Harden Decry test Due ca 200 Hrs.
				on 2, Y/S AD 84-26-02 Air Filters Due. 18573
				NOTE AD. 87-21-02 R1 Fuel Filter openings
				Due 6-90 Replaced BATTERY over board.
				Daria Farina
				DATE <u>4-18-90</u> TOTAL TIME <u>1361.3</u>
				I CERTIFY THAT <u>This Aircraft</u> HAS
				BEEN INSPECTED IN ACCORDANCE WITH
				AN <u>Annual</u> INSPECTION, AND HAS
				BEEN DETERMINED TO BE IN AN AIR
				WORTHY CONDITION.
				SUN BELT AVIATION, INC.
				P. O. BOX 193
				McGREGOR, TEXAS 76667
				(817) 848-4448
				<i>Ranvia Mulla</i>
8-14-90	Fhm 1437.3			

Date 7-90 Signed [Signature]

under order number 81918

Pertinent details of the repair are on file at this Repair Station

Federal Aviation Agency and is approved for return to service.

and inspected in accordance with current regulation of the

The appliance identified above was overhauled

Ass'y Name Fuel Pump

Ser. No. SAD 170

Part No. 287-29 OH

Airborne Aerospace
711 Taylor Street, Elyria, Ohio 44035 U.S.A.
216/323-4676 • Telex 24-3414

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10-11-90	F.H.m.	1481		TOTALS brought forward from previous page
				Completed the following maintenance: Replaced nose and lt. main tire. Clean and repack wheel bearings. Serviced brake reservoirs. FOR ROAD RUNNER AVIATION Tommy Holke AWP 428921834
10-18-90	FHM	1486	-	Removed & replaced tach indicator overhauled excelsior inst. for Road Runner Aviation (Holke) 1905649
12-5-90	F.H.m.	1529.9		Replaced right vacuum pump with new Airborne 41CC S.N. 10AF 815 Ground ops. check good. -END- FOR ROAD RUNNER AVIATION Tommy Holke AWP 428921834
2-21-91	FHM	1568.3		Replaced disc & linings both wheels checked wheel bearings for TAC Air

ROAD RUNNER AVIATION
 REGIONAL AIRPORT
 SHREVEPORT, LOUISIANA 71109
 F.A.A. REPAIR STATION # RTAR810H

SERVICEABLE PART

Customer	Neatherton JWC	Make	ARC
Nomenclature	ALT	Part No.	5934PA-1
		Serial No.	2A842

SERVICEABLE PART

Customer	Neatherton Co	Make	United
Nomenclature	ALT	Part No.	5934PA-1
		Serial No.	2A842

Work Accomplished

Overhauled Bench Checked Repaired
 Other (Explain) certified to 35K in Alt
FAR 43 App E (B)

MAINTENANCE RELEASE

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION

UNDER WORK ORDER NO. A 4038

Signed Holke CR 2438179 Date 6 May 1991

STD. 8636

1. Bar
 Alt
 Set
 28.
 28.
 28.

TOTALS—Carry forward to next page

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10-11-90	F.H.M.	1481		TOTALS brought forward from previous page
				Completed the following maintenance: Replaced
				NOSE AND LT. MAIN TIRE. CLEAN AND RE-PACK
				WHEEL BEARINGS. SERVICED BRAKE RESERVOIRS.
				FOR ROAD RUNNER AVIATION
				Tommy Halka AWP 428921834
10-18-90	FHM	1486	-	Removed & Replaced TACH INDICATOR
				OPERATED EXCHANGE INST. FOR
				ROAD RUNNER AVIATION Halka 1905648
12-5-90	F.H.M.	1529.9		REPLACED RIGHT VACUUM PUMP WITH NEW
				AIRCONE 411CC S.N. 10AF 815 GROUND OPS. CHECK
				GOOD. -END- FOR ROAD RUNNER AVIATION
				Tommy Halka AWP 428921834
2-21-91	FHM	1568.3		REPLACED DISC & LININGS BOTH WHEELS
				CHECKED WHEEL BEARINGS FOR TAC. AIR
				Halka 1905648
91	FHM	1609.8		I CERTIFY THAT THE ALTIMETER SYSTEM AND ALTITUDE
				REPORTING EQUIPMENT TESTS AND INSPECTIONS REQUIRED
				BY F.A.R. 91.411 HAVE BEEN PERFORMED. THE LEFT HAND
				ALTIMETER 3225 WAS TESTED TO 35,000 FEET
				ON 6 May 1991. THE RIGHT HAND ALTIMETER
				2A842 WAS TESTED TO 35,000 FEET
				ON 6 May 1991 AND FOUND TO COMPLY WITH F.A.R.
				43 APPD. E (D). THE STATIC SYSTEM WAS TESTED ON
				6 May 1991 AND FOUND TO COMPLY WITH F.A.R. 43
				APPD. E (a). THE AUTOMATIC PRESSURE REPORTING
				SYSTEM WAS TESTED ON 6 May 1991 AND FOUND
				TO COMPLY WITH F.A.R. 43 APPD. E (c).
				ROAD RUNNER AVIATION - CRS. RTAR810H
				AIRCRAFT TOTAL TIME <u>FHM 1609.8</u>
				AUTH. SIGNATURE <u>Halka</u>
				CERT. NO. & TYPE <u>CD 7438179</u>

Copilot
 Altimeter)
 22
 59348
 2A84
 ard
 ude
 Corr. Co

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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5-6-91	F.H.M.	1609.8		<p>I CERTIFY THAT THE A. T. C. TRANSPONDER TESTS AND INSPECTIONS REQUIRED BY F. A. R. 91.413 HAVE BEEN PERFORMED. THE TRANSPONDER <u>1546 + 1601</u> WAS TESTED ON <u>6 May 1991</u> AND FOUND TO COMPLY WITH F. A. R. 43 APPD. F. THE INTEGRATED SYSTEM TEST AND INSPECTION WAS PERFORMED ON <u>6 May 1991</u> AND FOUND TO COMPLY WITH F. A. R. 43 APPD. E (a). ROAD RUNNER AVIATION C. R. S. RTAR810H</p> <p>AIRCRAFT TOTAL TIME <u>F.H.M. 1609.8</u></p> <p>AUTH. SIGNATURE <u>[Signature]</u></p> <p>CERT. NO. & TYPE <u>CL 2438179</u></p>
5-10-91	F.H.M.	1609.8		<p>COMPLETED ANNUAL INSPECTION THIS DATE USING 421C INSP. GUIDE. LUBED AIRCRAFT AND LANDING GEAR. CLEANED & REPACK WHEEL BEARINGS. PERFORMED GEAR RETRACTION TEST. CHECK CABLE TENSIONS & FLIGHT CONTROLS. REPLACED E.L.T. ANTENNA & E.L.T. BATT. BATT. DUE REPLACEMENT BY MAY '93. RELAMPED TAIL FLOOD LITES. REPLACED WING INSP. LITE & SOCKET. INSTALLED NEW NOSE GEAR DOORS PICK-UP CHAFF STRIP. REPLACED CABIN DOOR FWD. SUPPORT CABLE.</p> <p>I CERTIFY THIS AIRCRAFT INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>- END - FOR TAC-AIR</p> <p><u>Tommy Hall AEP 428921834 IA</u></p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

TELEDYNE CONTINENTAL MOTORS
 Aircraft Products Division
 P.O. Box 90
 Mobile, Ala 36601
 ATLANTA DIVISION

MANUFACTURING RELEASE

NAME _____ ALTERNATOR _____

P/N 649304R _____ S/N C219111.0R _____

The item identified hereon has been

REBUILT

The Alternator or Starter identified above was manufactured in accordance with F.A.R. 21 and Teledyne Continental Motors (AP) specifications.

Details are on file at this Agency under order No. 824530-1

Date: 03/22/91

Signed: *John J. Freed*
 Authorized Signature

ED—
 DRIVING WORK

- REPLACED
- FACTORY REBUILT
- REBUILT ^{00: D} _{TT}
- OVERHAULED
- H60-0-50
- unknown plug.
- TAC-AIR
- Y

CHANGED OIL & FILTER AT RT. ENDS.

SERVICED OXYGEN SYSTEM TO 1700 PSI,

SERVICED AIR COND. WITH FREON 12

Change alternator A+P 1621312 FOR TAC-AIR SHREVEPORT

10-01-91	FHM	1683.2	Removed and replaced flap motor P/N F530-1. operational check OK. Scott Kemp A+P 479-82-4918 - For TAC Air Shreveport LA. -
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SUB-TOTALS this page

TOTALS—Carry forward to next page

WORK PERFORMED—
PERSON PERFORMING WORK

Accessories

150
229

SERVICABLE

THOMA INC.
74115 Phone 835-8928
STATION No. 4388
PROPELLERS LIMITED
ACCESSORIES CLASS


Customer Shreveport AL Work Order No. 4030
Part 250 Tech Generator
Serial No. 715
Overhauled by John Anderson
Date Overhauled 7-20-89
Inspected by Richard Pappewell

ENGINE: REPLACED
FACTORY REBUILD
I.O.R. REPLACED
TABLE OVERHAULED
P.N. H60-0-50
CANNON PLUG.
TAC-AIR

Tommy Walker HEP 428921834

8-20-91	FHM	1666.5		CHANGED OIL & FILTER LT. & RT. ENDS. SERVICED OXYGEN SYSTEM TO 1700 PSI, SERVICED AIR COND. WITH FREON 12 Change Mitron A&P 1671312 FOR TAC-AIR SHREVEPORT
10-01-91	FHM	1683.2		Removed and replaced flap motor P/N F530-1. operational check OK. Scott Kemp A+P 479-82-4918 — For TAC Air Shreveport LA. —

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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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
JUN 1 1992	JUN 01 1992	JUN 01 1992		TOTALS brought forward from previous page
				Hour Meter 1720.0
				
				<p>PLUMMER AVIATION MAINTENANCE</p>
				<p>Annual Inspection completed this date. All work done in accordance with manufacturer's maintenance manual checklist for inspection. Lt wing fuel and Lt wing fuel control box removed old Cannon plug and replaced w/new. Found Guape operating properly. Replaced hydraulic filters w/new in both nacells. Replaced Lt wing Aft fuel drain w/new 79C1. Replaced Co-pilot storm window with serviceable one. Replaced main A/B Batt. with new. Replaced both vacuum regulator filters w/new, vacuumed out excess debris from floorboards. Removal enceding altimeter for repair, see yellow tag for details. Repacked all wheel bearings. Cycal gear emergency extension checked. ELT exp. Date may 1993. Installed Brackett Air Filter Assys 337 Form filed. AD. 84-26-02 N/A by type filter. Deservical Air Cond. System evacuated system. Charged Ac with R-12 Found good operation. Test Flight Complete found Normal Operation.</p>
AD. 91-25-8				
Dreby 3000.00 hrs TIS.				
				<p>SUB-TOTALS this page → END →</p>
				<p>TOTALS—Carry forward to next page</p>

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Installed Micro VG System per STC #SA5193NM. Refer to Form 337 this date. 7-21-92 42K-1213
Reece C. Clabrook
A&P 1480372

Hobbs 1726.8 6-5-92
Had Air Conditioning system de-
serviced. Evacuated air cond system
Re-serviced with R-12 Freon
Operated system found normal
operative
[Signature]
A&P 553105471A

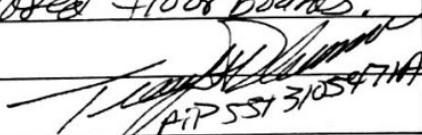
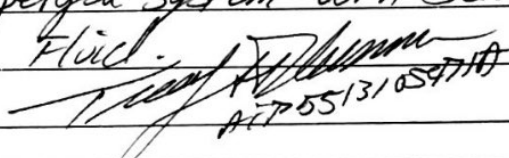
Log Book Entry REECE AVIATION Hobbs
 Cessna 421C 1213 N 2661P
 Remove Flight Controls, Ck. Balance
 Per M/M + Reinstall after Paint.
Reece C. Clabrook
A&P 1480372

**Contract Aircraft Painting
 Best Little Paint Shop in Texas
 Log Book Entry**

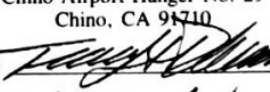
TYPE OF A/C CESSNA 421C WORK # 8055
 DATE 7-29-92 N # 421RT
 LOG BOOK ENTRY FOR COMPLETE STRIP & PAINT A/C ONLY MASK
 WITH FOIL & FOIL TAPE. STRIP WITH ELDORADO 3500NC CLEAN
 WITH ED500 & ALODINE, MASK & PRIME A/C WITH CORROSION
 RESISTANT PRIMER & CUSTOMER CHOICE OF BASE & ACCENT
 COLORS BRIGHT WHITE
 BASE MET. GOLD
 MAJOR SILVERWOODS BLUE
 ACCENT MAXI BLUE
 3RD MAXI BLUE
 A/C CONTROLS REMOVED--BALANCED AND REINSTALLED
 BY A&P-N#-

Hobbs 1763.9 Oct 16, 1992
Replaced luminescent pannel inverter
with new C613001-0101.
[Signature]
A&P 551305471A

SUB-TOTALS this page
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11-12-92	Hour meter 1764.1			Installed Service Kit No. 421-138D1 in accordance with MEB 88-3 Auxiliary fuel pump wiring modification. Removed baggage floor in nose baggage area and gained access to oxygen bottle. Tightened all fittings to prevent further leakage. Serviced O ₂ bottle and closed floor boards. <div style="text-align: right;">  AIP 5513105471A </div>
3-13-93	Hour meter	1770.0		Rebuilt RT brake master cylinder and perged system with 5006 A Hydraulic Fluid. <div style="text-align: right;">  AIP 5513105471A </div>



AIRC. MODEL <u>Cessna 421 C</u>	LOG BOOK INSERT	DATE <u>7-1-93</u>
S/N <u>421C-1213</u>	Plummer Aviation Maint.	W.O. NO. <u>1429</u>
REG. NO. <u>421RT</u>	7000 Merrill Ave., No. 45	TACH <u>1795.5</u>
ENG. MOD. _____	Chino Airport Hanger No. 29	
ENGINE S/N _____	Chino, CA 91710	
DATE <u>7-1-93</u>	SIGNED 	CERT. NO. <u>AIP 5513105471A</u>

Annual Inspection completed this date. All work done in accordance with manu. maint manual. Used Factory check-list for service and inspection. Cleaned air conditioning evaporators due to dust build up. Cleaned pressurization outflow valve and dump valve. Replaced EZT Battery with new. New exp date May 1995. Serviced main cabin door snubber with 5006. Replaced vacuum regulator fittings Lt and Rt sides. Cleaned heater fuel filter. Replaced Battery in Davtron clock. Replaced nose gear wheel bearings and races with new. Repacked all wheel bearings. Cycled landing gear and checked emergency extension system. Replaced Tires → cont.

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and inner tubes on Both main landing gear with new. Replaced gyro filter with new C294501-0302. Replaced Lt and Rt Hydraulic filters with new. Cleaned fuel strainers and replaced seals with new. AD 91-25-08 Bre at H.M. 3000.00. Complied with AD 93-05-03 Float Valve Inspection. Found valves in need of replacement. Placed on Back order with Cessna. Placarded Pannell in accordance with Part B of AD 93-05-03.

Test flew Aircraft found normal operation all systems check OK. END

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TACH _____ TTE _____
 HOBBS 1795.5 TSMOH _____
 TTAf 1795.5 TSPOH _____
 DATE JUL 01 1993

Tracy Plummer
 TRACY PLUMMER
 A. & P. 5513105471A

SEE BACK OF LOG FOR LISTING.

AIRC. MODEL ~~Cessna 421C~~
 S/N 421C-1213
 REG. NO. 4219T
 ENG. MOD. _____
 ENGINE S/N _____
 DATE 8-6-93

LOG BOOK INSERT
 Plummer Aviation Maint.
 7000 Merrill Ave., No. 45
 Chino Airport Hanger No. 29
 Chino, CA 91710

DATE 8-6-93
 W.O. NO. 1455
 TACH 1797.0

SIGNED *Tracy Plummer* CERT. NO. A1P5513105471A

Removal oxygen bottle sent out for Hydro Static inspection. Added yellow tag for details. Replaced oxygen bottle and serviced with oxygen leak checked found no leaks. Repaired wires at luminant Pannell. Checked function found OK. Cw AD 93-05-03 Part A and B found valves in need of replacement. Placed valves on back order with Cessna. Added Freon to air conditioning system. Cleaned and treated all De-ice boots.

END

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																		
				AIRFRAME LOG BOOK INSERT																		
				<table border="0" style="width: 100%;"> <tr> <td style="width: 35%;">A/C MODEL <u>CESSNA 421C</u></td> <td style="width: 35%;">Plummer Aviation</td> <td style="width: 30%;">TACH <u> </u></td> </tr> <tr> <td>S/N <u>421C-1213</u></td> <td>7000 Merrill Ave. #45</td> <td>HOBBS <u>1835.8</u></td> </tr> <tr> <td>REG. NO. <u>N421RT</u></td> <td>Chino Airport Hgr 29</td> <td>W.O. NO. <u>1543</u></td> </tr> <tr> <td>ENG. MOD. _____</td> <td>Chino, CA 91710</td> <td></td> </tr> <tr> <td>ENGINE S/N _____</td> <td></td> <td></td> </tr> <tr> <td>DATE <u>01-20-94 SIGNED</u> _____</td> <td></td> <td>CERT. NO. <u>A&P551310547IA</u></td> </tr> </table>	A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u> </u>	S/N <u>421C-1213</u>	7000 Merrill Ave. #45	HOBBS <u>1835.8</u>	REG. NO. <u>N421RT</u>	Chino Airport Hgr 29	W.O. NO. <u>1543</u>	ENG. MOD. _____	Chino, CA 91710		ENGINE S/N _____			DATE <u>01-20-94 SIGNED</u> _____		CERT. NO. <u>A&P551310547IA</u>
A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u> </u>																				
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ENG. MOD. _____	Chino, CA 91710																					
ENGINE S/N _____																						
DATE <u>01-20-94 SIGNED</u> _____		CERT. NO. <u>A&P551310547IA</u>																				
				<p>Performed S.B. No. MEB93-10 Fuel Inlet Float Valve replacement and test to comply with A.D. No. 93-05-03. Removed panels necessary for access, replaced left wing valves with P/N 9910242-11 S/N's 0546, 0560, and P/N 9910242-12 S/N 0021. Right wing P/N 9910204-11 S/N's 0848, 0861, and P/N 9910242-12 S/N 0156. Test valves after installation as per test requirements. Found to hold vacuum at 3 inches Hg for over 2 minutes. All valves replaced with new gaskets P/N 5156027 and new seals P/N 600 001 10. Cleaned fuel bay floors free from debris. Replaced front fuel drain with new, left wing. Refueled aircraft, pressure checked, found no leaks and normal operation.</p> <p style="text-align: center;">----- END</p>																		
				AIRFRAME LOG BOOK INSERT																		
				<table border="0" style="width: 100%;"> <tr> <td style="width: 35%;">A/C MODEL <u>CESSNA 421C</u></td> <td style="width: 35%;">Plummer Aviation</td> <td style="width: 30%;">TACH <u> </u></td> </tr> <tr> <td>S/N <u>421C-1213</u></td> <td>7000 Merrill Ave. #45</td> <td>HOBBS <u>1836.4</u></td> </tr> <tr> <td>REG. NO. <u>N421RT</u></td> <td>Chino Airport Hgr 29</td> <td>W.O. NO. <u>1571</u></td> </tr> <tr> <td>ENG. MOD. _____</td> <td>Chino, CA 91710</td> <td></td> </tr> <tr> <td>ENGINE S/N _____</td> <td></td> <td></td> </tr> <tr> <td>DATE <u>03-17-94 SIGNED</u> _____</td> <td></td> <td>CERT. NO. <u>A&P551310547IA</u></td> </tr> </table>	A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u> </u>	S/N <u>421C-1213</u>	7000 Merrill Ave. #45	HOBBS <u>1836.4</u>	REG. NO. <u>N421RT</u>	Chino Airport Hgr 29	W.O. NO. <u>1571</u>	ENG. MOD. _____	Chino, CA 91710		ENGINE S/N _____			DATE <u>03-17-94 SIGNED</u> _____		CERT. NO. <u>A&P551310547IA</u>
A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u> </u>																				
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REG. NO. <u>N421RT</u>	Chino Airport Hgr 29	W.O. NO. <u>1571</u>																				
ENG. MOD. _____	Chino, CA 91710																					
ENGINE S/N _____																						
DATE <u>03-17-94 SIGNED</u> _____		CERT. NO. <u>A&P551310547IA</u>																				
				<p>Removed right main strut, rebuilt using all new wipers and o-rings, and re-installed. Serviced with 5606 and nitrogen.</p> <p style="text-align: center;">----- END</p>																		
SUB-TOTALS this page																						
TOTALS—Carry forward to next page																						

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TOTALS brought forward from previous page				

**AIRFRAME
LOG BOOK INSERT**

A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u>N/A</u>
S/N <u>421C-1213</u>	7000 Merrill Ave. #45	HOBBS <u>1855.2</u>
REG. NO. <u>N421RT</u>	Chino Airport Hgr 29	W.O. NO. <u>1654</u>
ENG. MOD. _____	Chino, CA 91710	T.T. <u>1855.2</u>

DATE 08-10-94 SIGNED [Signature] CERT. NO. A&P551310547IA
 Annual inspection completed this date. All work done in accordance with manufacturers maintenance manual. Rebuilt left brake caliper due to leakage. Replaced vacuum regulator filters with new. Vacuumed excess debris from under floor boards and in empanage area. Replaced elevator torque tube aft attach bolt with new due to wear. Repaired connections on tail nav light. Installed service loop in nose landing gear taxi light harness. Removed left and right gear hoses, fabricated new and installed. Purged air from brake system. Re-packed all wheel bearings. Cycled landing gear, checked emergency extension system. Topped off hydraulic reservoir. All A.D.'s checked. See back of log for listing. A.D. 94-18-06 N/A by installation. A.D. 91-25-08R1 due upon accumulation of 3,000 hours ~~base~~ time in service. Complied with A.D. 82-07-03 heater decay test. Heater inop. due to combustion leakage. Heater needs repair. Next due 2 yrs or 100 hours heater operation. -----END

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH AN Annual INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TACH <u>N/A</u>	TTE <u>1855.2</u>
HOBBS <u>1855.2</u>	TSMOH _____
TTAF <u>1855.2</u>	TSPOH _____
DATE <u>8-10-94</u>	<u>[Signature]</u> TRACY PLUMMER A & P 551310547IA

**AIRFRAME
LOG BOOK INSERT**

A/C MODEL <u>CESSNA 421C</u>	Plummer Aviation	TACH <u>N/A</u>
S/N <u>421C-1213</u>	7000 Merrill Ave. #45	HOBBS <u>1877.1</u>
REG. NO. <u>N421RT</u>	Chino Airport Hgr 29	W.O. NO. <u>1695</u>
ENG. MOD. _____	Chino, CA 91710	T.T. <u>1877.1</u>

DATE 10-12-94 SIGNED [Signature] CERT. NO. A&P551310547IA
 Trouble shot prop. sync. inop. Found disconnected at control box Re-connected prop. sync. and found normal operation. Serviced oxygen systems.

-----END-----

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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

**AIRFRAME
LOG BOOK INSERT**

A/C MODEL CESSNA 421C TACH N/A
 S/N 421C-1213 Plummer Aviation HOBBS 1892.3
 REG. NO. N421RT 7000 Merrill Ave. #45 W.O. NO. 1715
 ENG. MOD. TCM GTSIO-520-N Chino Airport Hgr 29 T.T. 1892.3
 ENGINE S/N R-610310 Chino, CA 91710
 DATE 11-28-94 SIGNED [Signature] CERT. NO. A&P551310547IA

Removed airspeed indicator and capillary tube for temperature correction. Sent into instrument shop to have new face installed, had instrument overhauled at this time, re-installed airspeed indicator and re-routed capillary tube. Installed radar dome, functionally tested. During test for A.D. 82-07-03(E) heater found to not pass pressure inspection. Removed heater, sent to aircraft heating for repair, function test and re-certification. Re-installed heater, function test found good. Found nose strut leaking hydraulic fluid. Removed strut, rebuilt and re-installed. Serviced with 5606 and nitrogen. Found emergency oxygen bottle empty again. Gained access to oxygen bottle and all plumbing. Serviced system for test, located leak, found air duct under heater had chafed through oxygen gage line and oxygen supply line to cabin. Removed avionics bay in nose compartment, removed all avionics boxes so as to remove floor underneath for access to gauge line. Installed new gauge line, removed chafed portion of O2 supply hose, fabricated new section and installed. Routed new line and gauge line away from air duct to prevent further chaffing. Had system serviced with oxygen, found no leaks. Closed up panels and re-installed avionics boxes.

Work Order No. _____
 Date _____
 Signed _____
 Insp. No. _____

FAA
 FEDERAL AVIATION ADMINISTRATION

WORK PERFORMED _____
 DISCREPANCY OR REASON FOR RETURN _____
 4694

MAINTENANCE RELEASE

PART NUMBER FS30-1
 MOD 9910055-1RX
 SER. NO. 4694
 The appliance identified above was repaired and inspected in accordance with current Federal Aviation Agency regulations and is approved for return to service. Pertinent details of the repair are on file at this station under Work Order No. 74959
 OVERHAULED BY [Signature]
 REPAIRED BY _____
 B&S Aircraft Parts & Accessories, Inc.
 1414 South Mosley • Wichita, Kansas 67211
 FAA Certified Repair Station No. NE2R028L
 DATE 9-19-91

866281

10055-1RX FS 30-1

CESSNA 421C S/N 421C-1213 N421RT
HOBS 1897.4

DATE

Replaced top o-ring in nose strut
P/N M828775-225, serviced with
MIL 5606-HYD fluid + nitrogen. Return
to service. ~~--- 98~~ AXP303764158

ION OF WORK PERFORMED—
CATE NO. OF PERSON PERFORMING WORK

1 previous page

A/C MODEL CESSNA 421C
S/N 421C-1213
REG. NO. N421RT
ENG. MOD. TCM GTSIO-520-N
ENGINE S/N R-610310
DATE 1-10-1995

AIRCRAFT
PLUMMER AVIATION
7000 MERRILL AVE #45 HGR 29
CHINO CA 91710
TRACY A. PLUMMER
A3513105A113

TACH --
HOBBS 1895.5
WO# 1736
TTSN 1895.5
TTSMOH
TTSPOH

SIGNED [Signature]
Replaced snubbers on three baggage doors. Had nose gear mud flap repaired.
Removed nose strut schraeder valve, replaced O-ring, re-installed schraeder valve
and inflated nose strut. Replaced right wing fuel pump with Parker Airborne 2B7-
290H S/N 11AK 171.

-----END-----

A/C MODEL CESSNA 421C
S/N 421C-1213
REG. NO. N421RT
ENG. MOD. TCM GTSIO-520-N
ENGINE S/N R-610310
DATE 6-15-1995

AIRCRAFT
PLUMMER AVIATION
7000 MERRILL AVE #45 HGR 29
CHINO CA 91710
FAA CERT. REPAIR STATION
RM6R061N

TACH --
HOBBS 1919.5
WO# 1807
TTSN 1919.5
TTSMOH
TTSPOH

SIGNED [Signature]
Found fittings at oxygen manifold leaking; tightened fittings and had oxygen
system serviced.

-----END-----

INSTANT NEW ELT BATT Next Due Oct 97

Total Time: 1929.0
Tach or Hobbs time: 1929.0

I certify that this aircraft
engine has been inspected
accordance with Annual inspection
and was determined to be in
airworthy condition

Date: 1 Sept 1995
Signature: [Signature]
License #: 1263976 ID

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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page



7000 Merrill Avenue • Chino Airport
 Box 30 • Executive Hangar E-4, #67 • Chino, CA 91710
 909/597-9177 • FAX 909/597-8666

HOBBS - 1961.8 N421RT S/N - 421C-1213
 SEPTEMBER 13, 1996

Performed a 100 hour inspection per Cessna 421 service manual checklist. Removed landing gear emergency blow down bottle for hydro test. Next due 9/2001. Replaced left landing light, rebuilt nose gear uplock assembly per Cessna service manual, installed new seals in cabin main door snubber, cleaned and packed all wheel bearings, opened inspection panels and lubed controls, performed landing gear cycle test. A.D. 82-07-03 - heater decay test due at 2092.3 hours or 11/30/96 whichever occurs first. A.D. 95-09-13 - fuel float valve inspection due at 2435.8 hours.

I certify this airframe has been inspected in accordance with a 100 hour inspection and found to be in an airworthy condition.

SIGNATURE: Paul J. Stait AP 331664646



7000 Merrill Avenue • Chino Airport
 Box 30 • Executive Hangar E-4, #67 • Chino, CA 91710



SEPTEMBER 13, 1996 N421RT S/N 41-1213
 H-1961.8

I certify this aircraft has been inspected in accordance with an annual inspection as was determined to be in an airworthy condition.

SIGNATURE: [Signature] AP 5605142931A

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 & CERTIFICATE NO OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
				<p>I CERTIFY THAT ENCODER, ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO MEET THE STANDARDS OF FAR PART 43 APPENDIX E. THE ALTIMETER HAS BEEN TESTED TO <u>35,000</u> FEET</p> <p>DATE OF TEST <u>9/30/96</u></p> <p>SIGNATURE <u>[Signature]</u></p> <p> GOLDEN WEST AIRCRAFT RADIO 6873 Flight Road, Riverside, CA 92504 FAA Approved Repair Station No. KA3R624L <u>421</u></p>
				<p>PERFORMED ATC TRANSPONDER TEST AND INSPECTION. UNIT FOUND TO COMPLY WITH FAR-91-413 & APPENDIX F OF FAR-43</p> <p>MODEL <u>R7859A</u> DATE <u>9/30/96</u></p> <p>BY <u>[Signature]</u></p> <p> GOLDEN WEST AIRCRAFT RADIO 6873 Flight Road, Riverside, CA 92504 FAA Approved Repair Station No. KA3R624L <u>421</u></p>



Airframe Total Time: 1971.7
 Hour Meter: 1971.7
 Date: 11-27-96

Waco Regional Airport CESSNA S/N 421C-1213 N421RT

Installed new Aeroquip integral firesleeved fuel, oil and hydraulic hoses meeting TSO-C53A Type D and TSO-C75 Type III on left and right engines. Relocated left engine Turbo Oil Supply Line per RAM Dwg. No. 1224, Rev. C dated 7/18/95 and DER Approval Form 8110-3 dated 11/26/96. Installed vacuum pump cooling shroud on left engine vacuum pump per STC SA3721SW. See 337. Installed new prop de-ice meter. Negligible weight and balance change. Aircraft approved for return to service for maintenance performed. Pertinent details on file under work order no. 2472.

[Signature: Robert Franklin]
 RAM Aircraft Corp. P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

<u>2-15-97</u>	<u>2016.2</u>	<u>RESEALED RT. BRAKE SERVICED SYSTEM, SERVICED HYP. SYS. NEARLY WASHED A&P 1671312</u>		
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Airframe Total Time: 2077.8
 Hour Meter: 2077.8
 Date: 5/6/97


Waco Regional Airport CESSNA S/N 421C-1213 N421RT

Removed and replaced cylinders and wastegate on left engine. Removed right engine to facilitate case change and reinstalled engine. Relocated right engine turbo oil supply line per RAM Dwg. No. 1224, Rev. C dated 7/18/95 and DER Approval Form 8110-3 dated 5/6/97. Installed new McCauley props; left s/n 951206 and right s/n 960415. Negligible weight and balance change. Bled right brake system. Aircraft approved for return to service for maintenance performed. Pertinent details on file under Work Order No. 2714.

[Signature: Robert Franklin]
 RAM Aircraft Corporation, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

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
5/27/97			2083.7	INSTALLED WX-950 STORNSCOPE, INSTALLED OVERHAULLED EXCHANGE EABDIA EXHAUST AIRMOTOR AIRCRAFT STATIC SYSTEM WAS LEAK CHECKED IAW FAR 91.411. SEE 337 AND WEIGHT AND BALANCE FOR ADDITIONAL DETAILS. <i>Ernest J. [Signature]</i> CRS # AQCR159K

N# 421RT
Aircraft: Cessna 421C
SN: 1213
TTAF: **FHM: 2184.6** **Airframe Log**

Logbook Entry 

DATE: 9/05/97 **CRS RTAR810H**

Maintenance performed:

Performed the following : Removed and replaced left wing strobe light power supply and flash tube assy. Installed overhauled power supply p/n 60-2799-1RX , s/n 10824 AP89637 and overhauled stobe light assy. p/n 31-3172-11RX , s/n AP89767. Serviced landing gear blow down bottle to correct pressure with nitrogen. Relamped ice light, tail nav and right nav. Ops checked good. Serviced tires to proper pressures.

Maintenance Release

The Aircraft, and /or components identified above was inspected and/or repaired IAW current Federal Aviation Regulations was found to be in an airworthy condition, and is approved for return to service. Details of the inspection or repair are on file under v.o.# R-2761 Date: 9/05/97 Sign: *[Signature]*

SUB-TOTALS this page

TOTALS—Carry forward to next page

FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

D54536

UNITED STATES

4. ORGANIZATION
CESSNA AIRCRAFT COMPANY
CESSNA PARTS DISTRIBUTION DEPT. 702
5800 E. PAWNEE, WICHITA, KS 67218

5. WORK ORDER, CONTRACT OR INVOICE NUMBER
D7090923

DESCRIPTION OF WORK PERFORMED—
NATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

ITEM	DESCRIPTION	PART NUMBER	ELIGIBILITY*	10 Q1	11 SERIAL/BATCH NO	12 STATUS/WORK
0031	SWITCH	9910287 11	VARIOUS	1	N/A	NEW

Carry forward from previous page



entry
-1997
CRS RTAR810H
Maintenance performed:

FOR IDENTIFICATION ONLY

LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW

14. NEW NEWLY OVERHAULED
19. Return to Service in Accordance with FAR 43.9
Certifies that the work specified in block 13 (or attached) was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.

15. SIGNATURE: [Signature]
16. FAA AUTHORIZATION NO: PC4
17. NAME (TYPED OR PRINTED): BOB HTNMAN, DOA
18. DATE: 09/12/97
20. AUTHORIZED SIGNATURE
21. CERTIFICATE NO.
22. NAME (TYPED OR PRINTED)
23. DATE

CESSNA INSP. GUIDE, REPLACED
REPLACED INSTRUMENT FILTER
INDUCTION FILTERS PNBA 13,
REPLACED HYD. FILTERS PN

AN 6235-2A, REPLACED AIR COND. PRESSURE SWITCH PN9910287-11
LUBE LANDING GEAR AND WHEEL BEARINGS, GEAR RETRACTION CW,
INSTALL FUEL TANK PLACARDS, CW FAR 91-207 d ELT INSP AND TEST.
INSTALL NEW ELT BATT. BATT. EXP. 9-99, CW AD 96-20-07 JANERO
HEATER PRESSURE TEST AND COMB SWITCH REPLACEMENT PN94E42-3.
HEATER H METER 317.7

Maintenance Release
The Aircraft, and/or component identified above was inspected and/or repaired in accordance with current Federal Aviation Regulations and was found to be in an airworthy condition, and is approved for return to service. Details of the inspection or repair are on file under w.o.# R-2768 Date: 9-30-97 Sign: [Signature] Chief Inspector

KAL-AERO AIRFRAME MAINTENANCE RECORDS ENTRY

N# 421RT MAKE CESSNA MODEL 421C S/N 421C1213
PAGE 1 OF 1 HOBBS TTAC LDG

- Removed left altimeter p/n 43300-64288, s/n 3056 for bench check.
- Removed the following for functional test:
flight director indicator p/n IU407-001-1, s/n I-1435-D;
autopilot controller p/n 41780-1128, s/n 1269;
autopilot computer p/n 42680-0004, s/n 8726;
mode selector p/n 42710-0000, s/n 2810.

-END-

The work described on this form was accomplished in accordance with current regulations of the Federal Aviation Administration. Pertinent details are on file at this repair station under: WORK ORDER # 25363 DATE 3/03/98

SIGNED [Signature] KAL-AERO 15745 S. AIRPORT RD. BATTLE CREEK, MI. 49015 CRS # EBVR450D

Miguel Gutierrez

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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

N# 421RT

Aircraft: CESSNA 421C

S/N: 1213

DATE: 9-30-1997

CRS RTAR810H

TTAF: 2187.7 FHM: 2187.7

Maintenance performed:

C/W ANNUAL INSPECTION IAW CESSNA INSP.GUIDE, REPLACED HYD.RES.SIGHT TUBE PN511707-12, REPLACED INSTRUMENT FILTER PN AM 1035351A, REPLACED ENG.INDUCTION FILTERS PNBA 13, REPLACED INST.INLINE FILTERS, REPLACED HYD. FILTERS PN AN 6235-2A, REPLACED AIR COND.PRESSURE SWITCH PN9910287-11 LUBE LANDING GEAR AND WHEEL BEARINGS, GEAR RETRACTION CW, INSTALL FUEL TANK PLACARDS, CW FAR 91-207 d ELT INSP AND TEST. INSTALL NEW ELT BATT.EXP.9-99, CW AD 96-20-07 JANERO HEATER PRESSURE TEST AND COMB SWITCH REPLACEMENT PN94E42-3. HEATER H METER 317.7

Maintenance Release

The Aircraft, and/or component identified above was inspected and/or repaired IAW current Federal Aviation Regulations was found to be in an airworthy condition, and is approved for return to service. Details of the inspection or repair are on file under w.o.# R-2768 Date: 9-30-97 Sign: Roman D. Miller

Chief Inspector

KAL-AERO AIRFRAME MAINTENANCE RECORDS ENTRY

N# 421RT MAKE CESSNA MODEL 421C S/N 421C1213
PAGE 1 OF 1 HOBBS _____ TTAC _____ LDG _____

- Removed left altimeter p/n 43300-64288, s/n 3056 for bench check.
- Removed the following for functional test:
flight director indicator p/n IU407-001-1, s/n I-1435-D;
autopilot controller p/n 41780-1128, s/n 1269;
autopilot computer p/n 42680-0004, s/n 8726;
mode selector p/n 42710-0000, s/n 2810.

-END-

The work described on this form was accomplished in accordance with current regulations of the Federal Aviation Administration. Pertinent details are on file at this repair station under: WORK ORDER # 25363 DATE 3/03/98

SIGNED Roman D. Miller
KAL-AERO 15745 S. AIRPORT RD. BATTLE CREEK, MI. 49015 CRS # EBVR450D

*Miguel
Suarez*

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	
				TO
	MODEL 421C			
	SERIAL # 421-1213			
	REG # N421RT			
	1) Removed nose wheel and balance 2) Removed and serviced shimmy d NAS 75-3-028 and bolt P/N AN173 3) EL Panal inop, removed and rep checked good. 4) Main tires worn, removed and r 70830236, cleaned, inspected and			
	THE AIRCRAFT AND/OR COMPONENT CURRENT FEDERAL AIR REGULATIO THE REPAIR ARE ON FILE AT THIS F/			
	DATE 12-3-97			
12-15-97	STORM SCRE removed			
01/14/98	2242.9 Hobbs.			
	PIN C2000 - 1			
	aw Cofsec Pot Ltd. 7000 H. medow Apt 700. 3689.			

FAA FORM 8130-3
 AIRWORTHINESS APPROVAL TAG
 U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL AVIATION ADMINISTRATION

1. ORGANIZATION: UNITED STATES

2. CESSNA AIRCRAFT COMPANY
 CESSNA PARTS DISTRIBUTION DEPT 702
 5800 E. PAWNEE, WICHITA, KS 67218

3. WORK ORDER CONTROL OR MODEL NUMBER: D00939

4. PART NUMBER: 0001

5. DESCRIPTION: SNUBBER

6. PART NUMBER: C2000 1

7. ELIGIBILITY: VARIOUS

8. SERIAL/BATCH NO: N/A

9. STATUS: NEW

10. RETURN TO SERVICE IN ACCORDANCE WITH FAA 43.9

11. CESSNA AIRCRAFT COMPANY
 CESSNA PARTS DISTRIBUTION DEPT 702
 5800 E. PAWNEE, WICHITA, KS 67218

12. AUTHORIZED SIGNATURE: *F.A. Dempsey*

13. NAME (TYPED OR PRINTED): FANCY DEMPSEY, DOA

14. DATE: 01/07/98

15. FAA AUTHORIZATION NO: PCA

16. DATE: 01/07/98

N421RT Cessna 421C S/N: 421C-1231
 Total Time and Hour Meter= 2275 hrs

Repaired aircraft after landing accident by replacing the lower belly skins from station 150 to station 240, and related stringers in accordance with FAA form 337 dated 03/30/01. Aircraft received a complete refurbishment at this time to include complete strip and repaint, firewall forward engine overhauls including all accessories and propeller overhauls.

This aircraft stripped of all paint, etched, and repainted. Control surfaces static balance checked in accordance with service manual & AC 43.13-1A.

Aircraft inspected and approved for return to service as airworthy.

Color codes *Surf* base *81de-32287*
 pri. trim *805-39483*
 sec. trim *805-39421*

W/O# *6155*
 Approved by *[Signature]*
 TRI-STATE AIRMOTIVE, LLC
 CRS# HO2R879K

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. *6155*
 DATE *3/20/01*
 SIGNED *[Signature]*
 TRI-STATE AIRMOTIVE, LLC
 CRS# HO2R879K

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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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

MODEL	421C	REGENT AVIATION	DATE	12-3-97
SERIAL #	421-1213	529 EATON STREET	W/O	9829
REG #	N421RT	ST. PAUL, MN 55107	HOBBS	2225.5
		FAA REPAIR STATION # YRJR 826K	AC TT	
		LOGBOOK INSERT	CYCLES	

- 1) Removed nose wheel and balanced tire, cleaned, inspected, and repacked wheel bearings then reassembled.
- 2) Removed and serviced shimmy dampner with fluid, also removed and replaced worn bushing with new P/N NAS 75-3-028 and bolt P/N AN173-13a reinstalled shimmy dampner.
- 3) EL Panel inop, removed and replaced worn inverter with new P/N C613001-0101, ops checked panel, ops checked good.
- 4) Main tires worn, removed and replaced with new 6.5 x 10, 10 ply, S/N installed L/H 70830237, R/H 70830236, cleaned, inspected and repacked wheel bearings.

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS FACILITY.

DATE 12-3-97 SIGNED Burt Rome

12-15-97 STORM SCREWS removed BY TAC AIR. SEE 337 for date of wt & balance.
 8/24/98 2242.9 Hobbs. Replaced lower cabin door snubber with new
 P/N 6200-1. Installed new Gasket P/N 83274-7
 on coffee pot lid. 7000 H. modded A/P 485723689.

N421RT Cessna 421C S/N: 421C-1231
 Total Time and Hour Meter= 2275 hrs

Repaired aircraft after landing accident by replacing the lower belly skins from station 150 to station 240, and related stringers in accordance with FAA form 337 dated 03/30/01. Aircraft received a complete refurbishment at this time to include complete strip and repaint, firewall forward engine overhauls including all accessories and propeller overhauls.

This aircraft stripped of all paint, etched, and repainted. Control surfaces static balance checked in accordance with service manual & AC 43.13-1A.

Aircraft inspected and approved for return to service as airworthy.

Color codes Surf base 840-32297
 pri. trim 845-39483
 sec. trim 845-39421
 Date 3/22/01

W/O# 6155
 Approved by Hallin
 TRI-STATE AIRMOTIVE, LLC
 CRS# HO2R879K

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 6155
 DATE 3/22/01
 SIGNED Hallin

TRI-STATE AIRMOTIVE, LLC
 CRS# HO2R879K

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
01/01/01		N421RT	S/N: 421C-1213	<p>forward from previous page</p> <p>Refurbish interior this date. See copy of burn specs in logbook.all work performed under W/O 6155.</p> <p><i>John Floyd</i> A&P2225372IA John Floyd Tri-State Airmotive LLC.</p>
03/30/01		N421RT	S/N: 421C-1231 Hobbs: 2275	<p>Complied with an annual inspection this date. Complied with AD 91-25-08R1 by inspection no cracks. Complied with AD 97-01-13 not installed. Complied with AD 00-01-16 b,c,d,e,&f. G. due @ next O/H. Exhaust system hours less than 2500TT. See AD compliance listing.</p> <p>DATE <u>3/30/01</u> TOTAL TIME <u>2275</u> HOUR METER <u>2275</u> I certify that this aircraft/engine/propeller has been inspected in accordance with a <u>100hr/Annual</u> inspection and was determined to be in airworthy condition. <i>John Floyd</i> A&P 2225372IA TRI-STATE AIRMOTIVE, LLC</p>
05/16/01		N421RT	S/N: 421C-1231 Hobbs: 2282.4	<p>Complied with an annual inspection this date.</p> <p>DATE <u>5/16/01</u> TOTAL TIME <u>2282.4</u> HOUR METER <u>2282.4</u> I certify that this aircraft/engine/propeller has been inspected in accordance with a <u>100hr/annual</u> inspection and was determined to be in airworthy condition. <i>John Floyd</i> A&P 2225372IA TRI-STATE AIRMOTIVE, LLC</p>

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 & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<p>ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED BY FAR 91.431 IN ACCORDANCE WITH FAR 43, APPENDIX F, HAVE BEEN PERFORMED. n previous page</p> <p>#1 MODEL # <u>RT 89A</u> S/N <u>—</u></p> <p>#2 MODEL # <u>RT 89A</u> S/N <u>—</u></p> <p>ENCODER # <u>(B1) ALTIMETER</u></p> <p>DATE <u>5/16/01</u> W.O. <u>NA</u> SIGNATURE <u>[Signature]</u></p> <p>THE PITOT STATIC SYSTEM, ALTIMETERS, AND ENCODER TESTS AS REQUIRED BY FAR PART 91.411 IN ACCORDANCE WITH FAR 43 APPENDIX E, HAVE BEEN PERFORMED. <u>3056</u></p> <p>PILOTS ALTIMETER S/N <u>8122C</u> COPILOT S/N <u>NA</u></p> <p>TESTED TO <u>35000</u> FEET AS PER PARA. B.</p> <p>TRI - STATE AIRMOTIVE LLC. FAA REPAIR STATION # H02R879K</p>

Aero Restorations, Inc.
Addison Airport, Addison Texas 75001

N421RT
421C
Sn: 1213

Airframe Log Entry

June 13, 2001 Hobbs Time: 2290.8 Install 2 new zener diodes P/N 30S8 on A/C switch. Install 2 new expansion valves P/N ES26101-4 on right and left evaporators. Service A/C System with 2 lbs. R-12 ground op's check function & leaks. Remove nose tire Goodyear F/C II P/N 606C66-2 S/N 01391027. Installed customer provided tire Goodyear F/C II P/N 606C66-02 S/N 91971119 and packed nose wheel bearings. All work done I.A.W. 421C M.M. George Beal A&P455250143.

[Signature]

Aero Restorations, Inc.
Addison Airport, Addison Texas 75001

N421RT
421C
Sn: 1213

Airframe Log Entry

June 15, 2001 Hobbs Time 2295.0 Removed and replaced L/H evaporator fan motor with new Keith Products JBS27-4. Evacuated A/C system. Service system with 2 lbs. of R-12 refrigerant. Installed new R/H evaporator fan motor in housing P/N JBS27-5. Installed pilots & co-pilots seats. Op's check A/C I.A.W. 421C M.M. George Beal A&P455250143.

[Signature]

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				TOTALS brought forward from previous page

Aero Restorations, Inc.
Addison Airport, Addison Texas 75001

~~REDACTED~~
421C
Sn: 1213

Airframe Log Entry

June 25, 2001 Hobbs Time: 2298.0 Installed new evaporator circuit breaker P/N MS26574-7-5 (2 ea.) Op's check good. Cleaned negative battery terminal as required and replaced terminal lug as required. Op's check good. Found A/C hyd. pump solenoid bad. Installed new valve assy. P/N 5154027-1 S/N 1Q01. Service hyd. system. Installed new filter P/N AN6235-3A. Leak & op's check hyd. & A/C system. Repaired baffle at A/C condenser. All work done I.A.W. 421C M.M.
George Beal A&P455250143. *G. Beal*

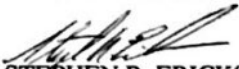
08/07/03 ~~REDACTED~~ SN: 421C-1213 Hobbs: 2329.4
Aircraft re-assembled after transporting from Dallas. All flight controls and flap rigging reset per Cessna maintenance manual. All wing bolts magnafluxed and reinstalled per Cessna maintenance manual. New battery installed Gill G246D. New ELT battery installed: expiration date - July 2005. Changed registration number from N421RT to N876DS per FAA form 8090-54 dated 01/24/03. Removed belly skin from station 150 to station 240 and replaced with wet sealant CS3204 in accordance with FAA form 8110-3 dated October 24, 1998 and structural substantiation report dated 27th of September, 1998. Replaced all four engine beams P/N: 5154020-32, 5054010-33, 5054010-34, and 5154020-31. All fasteners and hardware used for reassembly are per Cessna structural repair section of the maintenance manual or equivalent per approval data. A wing symmetry inspection was accomplished and determined to be in compliance and a test flight was accomplished which verified normal speeds and trim to further conclude all system to be normal. Complied with an annual inspection. Complied with AD72-14-08 R1 by inspection. Complied with AD 00-01-16 (B),(c),(d), & (e) by inspection.

DATE 8/7/03 TOTAL TIME Hobbs METER 2329.4
I certify that this aircraft/engine/propeller has been inspected in accordance with ~~all~~ annual inspection and was determined to be in airworthy condition.
[Signature] A&P 22253721A
TRI-STATE AIRMOTIVE, LLC



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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
9-29-2003 N876DS S/N 421C1213 HM 2354.5				
<ol style="list-style-type: none"> 1. RIGGED ENGINE CONTROLS PER M.M. ADJUSTED IDLE MIXTURE AND SPEED. 2. TIGHTENED LOOSE LINES, CLAMPS, BOLTS, AND NUTS BOTH ENGINES. SAFTIED MAG TIMING PLUGS. 3. REPAIRED AND CALIBRATED FUEL QUANTITY SYSTEM REPLACED CANNON PLUG P/N PT06CE10-98S. 4. REPLACED BOTH MLDG WHEELS P/N 40-135A, BRAKE DISCS P/N 164-06406, AND BRAKE PADS P/N RA66-66. 5. SERVICED 02. 6. SERVICED AND CHARGED BATTERY. 7. REPLACED NOSE LDG DOOR BELLCRANK P/N 5742005-7 AND INSTALLED MISSING SPRING P/N LE095J6. 8. SHIMMED PROP SPINNERS, SPACER P/N 0850330-3, NEW WAHERS P/N A1020. 9. REPLACED R/H FUEL FILTER DRAIN VALVE P/N 50C4. 10. INSTALLED MISSING L/H OUTBD FLAP HARDWARE P/N AN174-11. 11. REPLACED R/H INBD MAGNETO CAPACITOR P/N 10-400615. 12. REPLACED NOSE WHEEL BEARINGS LM29749 AND RACES P/N LM29710. 13. REPAIRED R/H FUEL LOW LEVEL WARNING WIRING, REPLACED CANNON PLUG P/N PTO6CE8-2S. 14. RESEALED R/H MAIN STRUT ASSEMBLY USING KIT P/N 5941130-200. 15. INSTALLED MISSING NOSE GEAR STEERING STOP BLOCK P/N 5142111-1, BOLT P/NAN4H-11A. 16. REPLACED NOSE LDG UPLOCK ROLLER SPACER P/N NAS43HT3-11 AND DOOR RAMP P/N5742204-2. 17. SERVICED LDG BLOW DOWN BOTTLE PER M.M. — 18. REPLACED R/H VACUUM PUMP P/N 441CC RS# H7YR0304 WO# 7909. 				
AIRCRAFT IS RETURNED TO SERVICE FOR ABOVE WORK ONLY.				
 STEPHEN R. ERICKSEN NORTH TEXAS AIRCRAFT SERVICE INC. WO# 2597 357520952A&P				

Make: CESSNA Model: 421C Date: 11/4/03
 Registration: N876DS Serial #: 421C-1213
 Tach: 2384 Total Hours: 0
 Edge sealed deice boots as required. Repositioned R/H oil filter adapter.

Philip E. Fellman  A & P: 472980839

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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

Make: CESSNA **Model:** 421C **Date:** 1/28/04
Registration: N876DS **Serial #:** 421C-1213
Tach: 2407.2 **Total Hours:** 0
 Removed tach and reinstalled after repairs by DFW Instruments CRS# DZMR112L, under WO #11076, P/N: 512-008, S/N: 5763. Ops check good.

Philip E. Fellman 

A & P: 472980839

FLITE ELECTRONICS, INC. ADDISON AIRPORT 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363
LOG ID# 1063 11-March-2004 WO# 10906/1 REF# 10906 Document# FL13 AC TT 2426.8 Pg 1 / 2
N876DS S/N 421C1213 CESSNA 421C

****** ITEM # 10906-1 INSTALLATION ******
ACTION: Removed ARC 1000 series Audio panel, Comms, Navs, Glideslope receivers, DME, ADF, Radar altimeter, Marker receiver, RMI, M1 Loran system. For full list of removed items see weight and balance equipment list dated 3/11/2004.
 Installed Garmin GMA-340 Audio panel, Garmin GNS-530 GPS/NAV/COM, GA-56 GPS antenna, King KX-155 Nav/com, King KI-204 ILS indicator, King KR-87 ADF receiver, King KI-227 ADF indicator, King KA-44B ADF Loop antenna, ACF-328 Avionics cooling fan. See 337 dated 3/11/04 for GNS-530 VFR APPROVAL, GA-56, KA-44B installation. All other work was analysed and determined to be a minor alteration. Instrument panel was placarded: "KLN-90B GPS IS APPROVED FOR VFR USE ONLY".

Model: GMA-340	Part#: 011-00401-10	Serial#: 96268557
Model: GNS-530	Part#: 011-00550-10	Serial#: 78410517
Model: GA-56	Part#: 011-00134-00	Serial#: 59090913
Model: KI-204	Part#: 066-03034-0003	Serial#: 55115
Model: ACF-328	Part#: ACF-328	Serial#: 12533
Model: KR-87	Part#: 066-1072-00	Serial#: 46140
Model: KX-155	Part#: 069-1024-05	Serial#: 38522
Model: KA-44B	Part#: 071-1234-00	Serial#: 46231
Model: KI-227	Part#: 066-3063-00	Serial#: 34972

****** ITEM # 10906-6 RT-859A ******
DISCREPANCY: Bench check.

FLITE ELECTRONICS, INC. ADDISON AIRPORT 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363
LOG ID# 1063 11-March-2004 WO# 10906/1 REF# 10906 Document# FL13 AC TT 2426.8 Pg 2 / 2
N876DS S/N 421C1213 CESSNA 421C

Model: RT-859A Part#: 42260-1028 Serial#: 1546
ACTION: Bench checked transponder. Found Mode A&C interrogation out of alignment. Aligned Mode A&C interrogation. All functions checked normal. Reinstalled in aircraft, system checks normal.

****** ITEM # 10906-7 RT-859A ******
DISCREPANCY: Bench check.
 Model: RT-859A Part#: 42260-1028 Serial#: 1601
ACTION: Bench checked transponder. Found Mode A interrogation and framing pulses out of alignment. Aligned Mode A interrogation and framing pulses. All functions checked normal. Reinstalled in aircraft, system checks normal.

****** ITEM # 10906-13 S-550A ******
DISCREPANCY: HDG won't engage, altitude intermittent.
 Model: S-550A Part#: 42710-0000 Serial#: 2810
ACTION: Bench checked Autopilot. Confirmed problem. Traced problem to bad switch and mother board. Parts are not available for repair. Exchanged mode selector s/n 2810 with serviceable mode selector s/n 2010. Reinstalled in aircraft, system checks normal.

 3-11-04
 DG2R767K MARK RANDALL PLEDGER Date

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
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FLITE ELECTRONICS, INC. ADDISON AIRPORT 4786 AIRPORT PARKWAY ADDISON, TX 75001-3363
 LOG ID# 1079 07-April-2004 WO# 10906/1 REF# 10906 Document# FL13
 N876DS S/N 421C1213 CESSNA 421C Pg 1 / 1

GNS-530 GPS IS APPROVED FOR IFR USE. SEE 337 FOR DETAILS.

Mark Pledger **4-7-04**
 DG2R767K MARK PLEDGER Date

GTA AIR, INC. Air Frame Log Entry
 770 Ferris Rd. N 876DS
 Suite 102/104
 Lancaster, Texas 75146 Cessna C-421
 S/N 421-1213

Aircraft TT **2479.7**
 Aircraft Hobbs Meter 2479.7

Replaced aircraft battery with new Gill 246, S/N 021209339. Service IAW manufactures guide line.
 Cleaned battery box, ops. checked battery.

Rodger Sykora
 Rodger Sykora
 AI 2045792

AIRFRAME LOG BOOK ENTRY May 12, 2004

CESSNA 421C, S/N 421C-1213 HOBBS:2479.7 AFTT: 2479.7 N 876DS
 C/W AD 95-09-13, Per MEB93-10R1 per para 2. {A} Functional Test Procedure.
 Checked ok. Next due ACTT 3079.7

Rodger Sykora
 Rodger Sykora
 AP2045792

See next page

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DATE

*Annual Inspection***LOG BOOK ENTRY**

December 21, 2004

CESSNA 421C S/N 1213 HOBBS: 2508.9 AFTT: 2508.9 N 876DS

- R/H wing flap well, replace existing fasteners in ribs from STA 54.94 to 58.94 with correct factory fasteners.
- R/H wing flap well, replace incorrect blind fasteners @ STA 67.94, and @ 70.94 with correct factory fasteners.
- R/H wing flap well, added a single row of rivets @ STA 77.44 for the previous skin splice that had not been drilled.
- R/H wing flap well, replaced blind fasteners with proper solid rivets in upper aft spar cap from STA 63.94 to 76.94.
- R/H wing flap well, Fabricate and install doubler for upper aft spar cap @ STA 76.94 IAW 8110-3. 04-107-01 dated 02 SEP. 04
- R/H wheel well butt rib/ false spar mating point, @ STA 58.94, replace I/B end of the false spar web. And replace blind fasteners as needed. Reassure all pre-existing fasteners are of the correct type.
- R/H wing, replaced blind fasteners in upper aft spar cap from STA 58.94 to 76.94 with factory correct fasteners.
- R/H wing, verified validity of previously installed rivets in fwd spar web @ wing root STA 58.94, and STA 62.44.
- R/H wing, replace blind fasteners, and shim skin to proper contour between I/B aft engine beam, aft of the firewall @ STA 90.94.
- R/H wing, replace rivet that has been installed with a shim under the bucktail, in the lower fwd spar cap @ STA 92.94

PG. 1

PG 2

- R/H wing, repair inspection panel flanges @ STA 92.94, and 105.94.
- R/H wing, replace six improperly installed, shimmed huck bolts in lower, O/B engine beam, aft of firewall @ STA 105.94.
- R/H wing, O/B flap, Repaired tear on the IB edge.
- R/H wing, repair crack in lower wheel well skin @ STA 64.44.
- R/H wing, replace various blind fasteners along bottom of wing @ STA 58.94.

FUSELAGE STRUCTURE REPAIRS

- Replace an enormous amount of blind fasteners in the fuselage skin and surrounding ribs and longerons from STA 154.5 to 212.87.
- Installed doublers LEFT & RIGHT side of fuselage from F.S. 195 to aft edge of existing skin. IAW 8110-3 Report NO. : GTA-0462-01, dated 1 Oct. 2004 pages 4.0.1. thru 4.0.4 This was done to comply with non compliance of 8110-3 dated September 27, 1989 Report NO.: TSA-98-01.
- Repaired forward channel at F.S.212.57, left hand side of the airplane IAW 8110-3, Report NO. GTA-0462-01, Dated 1 Oct. 2004, page 5.0.1 thru 5.0.3 to repair miss drilled hole from the original repairs on 8110-3, REPORT NO. TSA-98-01, date September 27, 1998.
- Repaired fuselage belly stringers that had not been repaired Per 8110-3 REPORT NO TSA-98-1, left hand and right hand sides, at FS200.75-FS 225.50, IAW Cessna 421C Structural Repairs, Section 15-

See Page 3

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TAQH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<p>40 Page 19 and Repair information in 8110-3 Report NO. TSA-98-01 page 6.0.1.6.1.1. for the stringers forward of FS 200.75.</p> <ul style="list-style-type: none"> L/H wing, replace improperly installed rivet in L/E rib @ STA 43.44. L/H wing, replace improperly installed blind fasteners along the lower wing structure @ STA 58.94. L/H wing, replace blind fasteners in the aft, upper false spar fwd and aft cap @ STA 58.94. Also, verify validity of previously installed screws. L/H wing, replace shimmed huck bolts, with proper length fasteners and inspect holes in fwd lower spar cap, fwd and aft sides @ STA 82.94. L/H wing, lower fwd carry through spar web has three bolts that were damaged by a cutting wheel from STA 65.94 to 68.44. replaced bolts with new bolts. L/H wing, replace six blind fasteners attaching a pulley bracket the aft false spar @ STA 89.44 to 91.44. L/H wing, and inboard end of fuel tank, replace blind fasteners. Research validity of lower skin splice @ STA 81.44 to 92.94. Replaced splice and doubler IAW 8110-3, 04-107-02 dated 02 SEPT 04 L/H wing, remove auto body filler, shim aft O/B engine beam to proper skin contour, and replace blind fasteners in lower nacell skin @ STA 93.44 and 111.94. L/H wing, replace doubler, huck bolts, hi-locs, solid rivets in the lower aft engine nacell/ fwd false spar flange @ STA 88.94, and 110.94. <p style="text-align: center;">PG 3</p> <ul style="list-style-type: none"> L/H wing, replace rivets in I/B flap hinge, through aft lower spar cap, with the proper rivets. L/H wing, repair damaged flap well rib @ STA 58.94. IAW Cessna 421 Structural Repair Service Manual Section 15-40, page 28 L/H wing, replace improperly installed rivets in bottom of aft spar cap from STA 58.94 to 130.94. L/H wing, remove damaged makeshift stringer that is wedged, but not fastened in any way, in I/B flap well STA 58.94. L/H wing, Replace improperly installed rivets in aft lower butt wing strip. L/H wing, replace blind fasteners securing flap actuator bellcranks to the lower skin @ STA 72.94, 95.94, and 120.94. L/H wing, replace blind fasteners through cap of lower aft false spar from STA 58.94 to 121.94. L/H wing, replaced blind fasteners with solid rivets, in previous lower skin repair, O/B of wheel well from STA 110.94 to 125.94. L/H wing, replace rivets and doubler in the aft upper cap of the upper spar @ STA 32.94. Replace missing rivets in cap nearby. L/H wing, finish smoothing and contouring previous cutout modification in the aft wing spar web where the I/B flap, O/B actuator rod passes through the spar. <p>Rivet replacement in the above rework and repairs was done IAW CESSNA 421 STRUCTURAL REPAIR SERVICE MANUAL Pages 3-13 Paragraph 6 and Paragraph 7. Also FAR 43.13-1B, Section 4, Paragraph 4-57.b,e,f 2 & 4</p> <p style="text-align: center;"><i>Rodger [Signature]</i> 2045752</p> <p style="text-align: center;">PAGE 4 LOG BOOK ENTRY N 876 DS S/N 421C-1213</p> <p style="text-align: right;"><i>See Next Page for Continuation of annual</i></p>

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AIRFRAME LOG BOOK ENTRY JANUARY 1, 2005

CESSNA 421C S/N 1213 HOBBS: 2508.9 AFTT: 2508.9 N 876DS

Replace several rivets in the engine nacelle fairing. Patched R/Wing deice boot 2 places. Replaced fuel cap "o" rings, resaftied l/e fwd. I/B motor mount bolts, recottered keyed nose gear torque links, resealed nose ram air inlet, safetied nose gear door hinge pins, retorqued fuel line "B" nut in leading edge of stub wing, replaced several post lite bulbs, resaftied several landing gear bolts & flap bolts. Replaced L/H landing lite motor and adjusted limit switch. Installed missing static wicks. Replace L/H landing gear hydraulic line. Reinstalled flap roller bearings properly. Replace seal on copilots foul weather window. Replaced missing placards. Replace kinked pneumatic line in L/H stub wing. Replace L/H flap outboard hinge halves. Replace heater ducts located under floor in the cabin area. Secured fluid and electrical lines in leading edge of L/H stub wing. Rerigged all control surfaces and trim tabs IAW Cessna service Manual. Pressured checked heater IAW AD 96-20-07. Repacked wheel bearings. Replaced nose wheel bearings and races. Replaced O rings L/H wheel cylinder. Replaced battery [G-246]. See log book entry dated 12/21/2004 for other repairs made at the Annual Inspection. Replaced L E control cables W/new RAM cables. Checked gear retraction. Aircraft lubricated IAW Cessna Service Manual. This aircraft has been inspected IAW Cessna Inspection guide 100/200/400&600 hr inspection. I certify that this aircraft has been IAW an Annual Inspection and was found to be in an airworthy condition. See AD list dated this date for AD compliance.

Rodger Sykora
Rodger Sykora
IA2045792

205446

Arrow Aviation

N#: N876DS		SN: 421C-1213		HM/TACH: .0	Page 1
A/C TT: .0	HEATER TIME: .0			LANDINGS: .0	
#1 ENGINE: .0 T.S.N.	T.S.O.: .0	CYCLES:	#1 PROP:		
#2 ENGINE: .0 T.S.N.	T.S.O.: .0	CYCLES:	#2 PROP:		

TROUBLE SHOT VACUUM SYSTEM LOW AT IDLE. REMOVED AND REPLACED R/H VACUUM REGULATOR WITH CUSTOMER SUPPLIED P/N 2H3-5 AND ADJUSTED I.A.W. CESSNA 421C MAINTENANCE MANUAL AND OP'S TEST GOOD AT THIS TIME. TROUBLE SHOT TAIL DE-ICE BOOTS NOT INFLATING PROPERLY AND ANNUNCIATOR LIGHT NOT WORKING. REPLACED TAIL DE-ICER FLOW VALVE P/N 3D2352-07 WITH CUSTOMER SUPPLIED VALVE AND OP'S TEST GOOD AT THIS TIME. TROUBLE SHOT HEADING FLAG ON PILOTS FLIGHT DIRECTOR NOT PULLING OUT OF VIEW UNTIL 4.8 in. OF VACUUM ON INDICATOR WAS OBTAINED. FOUND AND CORRECTED SEVERAL MINOR LEAKS BEHIND INSTRUMENT PANEL AND OP'P TEST GOOD AT THIS TIME ON GROUND RUN .

TONY A. BOOZER # AP460457332

[Signature] Date: 01-06-05

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876DS
LEFT ENGINE LOG BOOK ENTRY MARCH 4, 2005

GTSIO-520N S/N 610310

HOBBS: 2554.8 AFTT: 2538.6 294.3 SMOH N 876DS

Replaced Airborne dry air pump P/N 441CC, S/N 10210. Pump O/H by Holly Aero WO# 10210. Pump ops checked ok.

Rodger Sykora

Rodger Sykora
 AP2045792

AIRFRAME LOG BOOK ENTRY MARCH 30, 2005

CESSNA 421C S/N 1213 HOBBS:2578.4 AFTT: 2578.4 N 876DS

Replaced Left and right boost pumps. Left P/N 2B7-29 S/N 10D9, R/H, P/N2B7-29 S/N9F506. Ops checked ok. Replaced vac. Line L/H engine compartment. Replaced and reseal L/H fuel tank. Repaired arm rest at rt. Rear seat.

Rodger Sykora

Rodger Sykora
 AP2045792



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

Aircraft HM: 2788.5
Date: 10/05/2005

Cessna S/N 421C 1213 N876DS

On above reference aircraft, installed overhauled tail pipe, P/N 9910300-1, S/N AW1 83572, for left engine (See tag.) Removed propeller and governor for left engine and sent to Byam Propellers for repair. (See tag.) Re-installed units on left engine. Pertinent details are on file under work order 1939.

Rodger Sykora
 Air Impressions, Inc.
 CRS# AK6R541N

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Airframe Total Time: 2788.5
 Hour Meter: 2788.5
 Date: 10/18/05

RAM Aircraft, Limited Partnership • Waco Regional Airport
Cessna 421C1213 N876DS

On above referenced aircraft, installed PAM overhauled left engine S/N 823572.R. Replaced left engine EGT probe. Installed red silicone impregnated fiberglass baffle material on left engine. FAA-PMA replacement baffles. Installed overhauled tachometer P/N C66801G-0108, S/N 4672. Installed overhauled tach generator S/N 2760 on left engine. C/W AD 2000-01-16 by removal of the exhaust system from the slip joints aft on the left engine. Installed new RAM/FAA/PMA stainless exhaust slip joints P/N 1001-3 with new springs and hardware on left engine I/AW STC SA4592SW. Slip joints due replacement 10-2017 or aircraft total time of 5288.5 hours, whichever occurs first. Installed overhauled left turbo wye F/N 9910300-7, no serial number. Left turbo wye due replacement 10-2017 or aircraft total time of 5288.5 hours, whichever occurs first. Installed overhauled left wastegate elbow P/N 9910300-3, S/N 88028, Left wastegate elbow due replacement 10-2017 or aircraft total time of 5288.5 hours, whichever occurs first. Installed new left wastegate elbow to tailpipe clamp P/N 2266C050-240-M. Left clamp due replacement 10-2017 or aircraft total time 5288.5 hours, whichever occurs first. Inspected and re-installed left overboard tailpipe, P/N 9910300-1 S/N AWI83572. Left tailpipe due replacement 10-2017 or aircraft total time of 5288.5 hours, whichever occurs first. Inspected and re-installed left tailpipe clamp. Left clamp due replacement 1-2017 or aircraft total time of 5288.5 hours, whichever occurs first. Installed overhauled left wastegate valve assy. Installed RAM overhauled left turbocharger P/N 465930-9003, S/N XLO14174. C/W para (b) by visual inspection of the left exhaust system and found to be serviceable. Next visual inspection per para (b) due in 50 hours TIS or 30 calendar days, whichever occurs later. C/W para (c) by removal and visual inspection of left exhaust tailpipe and found to be serviceable at this time. Next removal and visual inspection per para (c) due within 5 years. C/W para (d) by inspection of the left outboard engine beams and canted bulkheads. Found airworthy at this time. Re-inspection per paragraph (d) due each 500 hours TIS. C/W Para (e) by visual inspection and pressure test of left exhaust system. System checked satisfactory at this time. Re-inspection per para (e) due each 12 calendar months. C/W para (g) by installing overhauled and/or re-installing existing exhaust system from the slip joints aft. Repetitive compliance due at 2,500 hours TIS or 12 years from time of installation, whichever occurs first. Installed new Aeroquip integral firesleeved fuel, oil and hydraulic hoses meeting TSO-C53A Type D and TSO-C75 Type III on left engine. C/W AD 84-26-02 per replacement of left air filter. RAM Aircraft recommends air filters to be replaced every 300 hours or annual with mandatory log entry required. Installed vacuum pump cooling shroud on left engine vacuum pump per STC SA3721SW. Negligible weight and balance change. Aircraft is approved for return to service for the work performed. Pertinent details are on file under: project no. 2350.

Robert Franklin
 RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

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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
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Make: CESSNA Model: 421C Date: 4/20/2005
 Registration: N876DS Serial #: 421C-1213
 Tach: 2614.9 Total Hours: 0
 C/W AD# 2000-01-16 exhaust system per par (b) visual inspection due again in 50hrs


 Joseph Brown

A & P: 2226812

Make: CESSNA Model: 421C Date: 5/15/2005
 Registration: N876DS Serial #: 421C-1213
 Tach: 26363 Total Hours: 0
 C/W AD# 2000-01-16 exhaust system per par (b) visual inspection due again in 50hrs


 Joseph Brown

A & P: 2226812

Make: CESSNA Model: 421C Date: 6/6/2005
 Registration: N876DS Serial #: 421C-1213
 Tach: 2669 Total Hours: 0
 C/W AD# 2000-01-16 exhaust system per par (b) visual inspection due again in 50hrs


 Joseph Brown

A & P: 2226812

Make: CESSNA Model: 421C Date: 8/26/2005
 Registration: N876DS Serial #: 421C-1213
 Tach: 2744.9 Total Hours: 0
 C/W AD #2000-01-16 exhaust system per par (b) visual inspection due again in 50hrs


 Joseph Brown

A & P: 2226812

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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
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See Book

RIGHT ENGINE LOG BOOK ENTRY

JANUARY 1, 2005

GTSIO-520N

S/N 610265

HOBBS: 2508.9

AFTT: 2508.9

248.4 SMOH

N 876DS

Changed oil and filter. Service with AS 100W. Replaced spark plugs with new plugs. Replaced ignition harness. Compression check #1 68/80, #2 60/80, #3 70/80, #4 70/80, #5 69/80, #6 65/80. Repositioned adel clamps on prop deice leads. Cleaned fuel screen on metering unit. Clean fuel nozzles. Replaced exhaust overboard clamp. Safetied bolts on prop. Resealed firewall. Replaced deice brushes. Installed new air filter. Repositioned and secured wing bundle. Tightened loose liquid fire wall fittings. Repositioned and resecured several fuel and oil lines that were chaffing. Lubed all controls. Engine test run and leaked checked.

I certify that this engine has been inspected IAW a 100 hr. inspection and was determined to be airworthy condition.

Rodger Sykora

IA2045792 AP

