

# N521RM

## 1977 Cessna 421C

---

# Airframe Logbook

## #6 of 8

## 1998 - 2007

**MSN: 421C-0335**



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



AIRFRAME  
MAINTENANCE  
RECORDS

REGISTRATION No. N426RW  
SERIAL No. 421C0335



AIRFRAME  
MAINTENANCE RECORDS

LOG No. 6

A/C TT @ O Hobbs = 43728

AIRCRAFT REGISTRATION NO. N426RW  
MANUFACTURER CESSNA  
MODEL 421C  
SERIAL NO. 421C 0335

JEFF GARRETT

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---



7929 Airport Rd.  
Waco, Texas 76708  
CRS No. AK6R541N

Aircraft TT: 5260.3  
Hour Meter: 887.5  
Date: 11/06/98

Cessna S/N 421C0335 N426RW

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per 421C Service Manual. Inspected wheels, tires and brakes. Inspected fuel, hydraulic lines and fittings. Re-rigged prop synch drive cable per S/M. Replaced left vacuum pump. C/W A.D. 96-20-07 per leak check and inspection of heater and pressure switch. Installed new ELT battery and tested unit per FAR 91.207 requirements. (Next battery replacement at 10/2000.) Installed new main aircraft hydraulic system filters. Installed new air conditioner filter. Installed new instrument air filter. Installed new right aileron quadrant pivot bearing. Installed new fuel filler cap Orings. Installed new forward cabin door cable mount bracket. Installed one new heater supply duct in nose compartment. Dye penetrant checked right M/L/G trunnion and found good per MEB 85-11(R4). Re-sealed left lower wing forward fuel access panel. Installed new left main landing gear tire. Installed newly-overhauled left Aileron. (See 8130 tag.) Overhauled left main landing gear actuator. C/W A.D. 75-23-08 (R5) per inspection and leak check of exhaust. C/W A.D. 90-02-13 per installed new bearing P/N 5141109-1 on left strut only. (Previously inspected on right). (See A.D. Listing.) Installed new left main gear brake pad linings. Installed new left wing AFT fuel drain. C/W 100 and 200 Hour Inspection requirements on Heater System. C/W 200 and 400 Hour Inspection requirements on Air Conditioning System. C/W 200 Hour Inspection requirements on Pressurization System, electrical, interior, flight control system, fuel system, surface de-ice system, and lights. (Section 13). Completed 200 Hour Inspection requirement on Landing Gear System and Blow Down inspection. Completed 200 Hour Inspection on Oxygen system. Completed 400 Hour Inspection requirements on cabin door hinge and latch inspection. Completed "TYPE B" inspection on cabin structure spars, and pressure bulkheads per service manual recommended stations. Completed 400 Hour wheel bearing inspection and lubrication. C/W 1000 and 1200 Hour wing and stub wing inspection requirements and "TYPE B" inspection. A.D.'s researched through bi-weekly 98-22. All inspection panels and fairings re-installed, interior of aircraft cleaned and exterior washed. All above work done in accordance with Cessna 421C Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection checklist. Aircraft approved for return to service. Pertinent details are on file under work order #0310.



Air Impressions, Inc.  
CRS# AK6R541N



7929 Airport Rd.  
Waco, Texas 76708  
CRS No. AK6R541N

**I certify this AIRCRAFT has been inspected in accordance with a 100 HR. /Annual Inspection and has been determined to be in an airworthy condition.**

**DATE** 11/06/98 **TACH** 887.5

**SIGNED**   
**AIR IMPRESSIONS, INC**  
**REPAIR STATION # AK6R541N**

**AURORA AVIONICS, INC.**  
7937 AIRPORT ROAD  
WACO, TX 76708

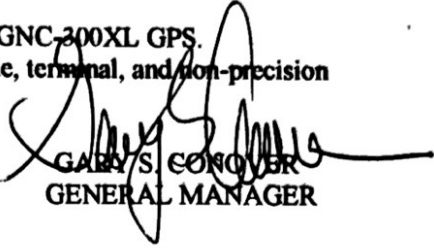
02 June 99

N521RM

SN: 421C-0335

Issued FAA approved Flight Manual Supplement for GNC-300XL GPS.  
This GPS is approved for IFR operation in the en-route, terminal, and non-precision approach modes only.

CRS# X56R055Y  
WO# 0050

  
GARY S. CONOVER  
GENERAL MANAGER

**AURORA AVIONICS, INC.**  
7937 AIRPORT ROAD  
WACO, TX 76708

22 DECEMBER 98

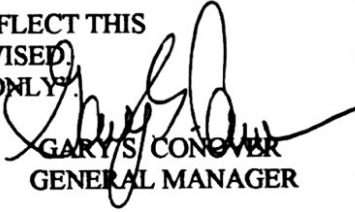
N426RW

SN: 421C0335  
A/C TT: 5189.0

REMOVED FACTORY INSTALLED AVIONICS PACKAGE, THE TRIMBLE TNL-2000T GPS SYSTEM, THE FLITEFONE III AND THE INTERCOM. INSTALLED A NEW AVIONICS PACKAGE AND A STORMSCOPE SYSTEM. FOR ADDITIONAL INFORMATION REFER TO THE EQUIPMENT LIST AND THE FAA FORM 337 DATED THIS DATE.

WEIGHT AND BALANCE HAS BEEN UPDATED TO REFLECT THIS ALTERATION. THE EQUIPMENT LIST HAS BEEN REVISED. PANEL PLACARDED "USE OF GPS LIMITED TO VFR ONLY"

CRS# X56R055Y  
WO# 0050

  
GARY S. CONOVER  
GENERAL MANAGER

**AURORA AVIONICS, INC.**  
7937 AIRPORT ROAD  
WACO, TX 76708

22 DECEMBER 98

N426RW

SN: 421C0335  
A/C TT: 5189.0

REMOVED BOTH AIRSPEEDS FOR RE-SCREENING AND RECERTIFICATION. RE-INSTALLED UNITS AND CHECKED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

AIRSPEED/ US GAUGE  
AIRSPEED/ SIGMA TEK

PN C661045-0313  
PN C661040-0213

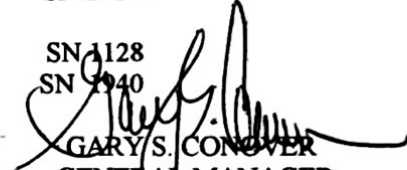
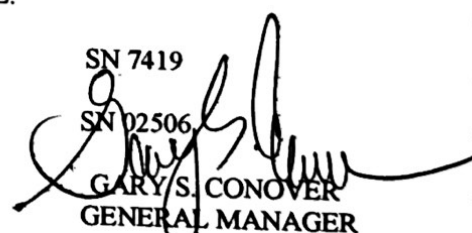
SN 344  
SN T10871

CRS# X56R055Y  
WO# 0050

  
GARY S. CONOVER  
GENERAL MANAGER

SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p><b>AURORA AVIONICS, INC.</b>            7937 AIRPORT ROAD            WACO, TX 76708</p>			
24 February 99		N521RM	SN: 421C0335
<p>REMOVED THE PREVIOUSLY INSTALLED RDS-82VP RADAR A/RT.            INSTALLED A BENDIX/KING RDR-2000 A/RT AND CONFIGURATION MODULE.            FOR ADDITIONAL INFORMATION REFER TO THE FAA FORM 337 DATED THIS DATE.            WEIGHT AND BALANCE CHANGE IS NEGLIGIBLE.</p>			
REMOVED	RS-181A	PN 071-1315-30	SN 25250
INSTALLED	ART-2000 KPA-900	PN 071-01519-0101 PN 071-00097-0100	SN 1128 SN 9940
CRS# X56R055Y WO# 0082			 GARY S. CONOVER GENERAL MANAGER
<p><b>AURORA AVIONICS, INC.</b>            7937 AIRPORT ROAD            WACO, TX 76708</p>			
24 February 99		N521RM	SN: 421C0335
<p>REPLACED CESSNA OAT GAUGE WITH A DAVTRON M-803 OAT/CLOCK.            WEIGHT AND BALANCE CHANGE IS NEGLIGIBLE.</p>			
REMOVED	CESSNA	PN C668520-0102	SN 7419
INSTALLED	DAVTRON	PN M-803	SN 02506
CRS# X56R055Y WO# 0082			 GARY S. CONOVER GENERAL MANAGER
SUB-TOTALS THIS PAGE			
TOTALS - CARRY FORWARD TO NEXT PAGE			

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p><b>AURORA AVIONICS, INC.</b> 7937 AIRPORT ROAD WACO, TX 76708</p> <p>26 February 99                                      N521RM                                      SN: 421C0335</p> <p>REMOVED THE BENDIX/KING RDR-2000 A/RT, CONFIGURATION MODULE AND INDICATOR FOR SERVICE. SECURED CONNECTORS AND CIRCUIT BREAKERS.</p> <p>REMOVED    ART-2000                      PN 071-01519-0101                      SN 1128                   KPA-900                              PN 071-00097-0100                      SN 1940                   IN-182A                                PN 066-3084-32                          SN 22368</p> <p>CRS# X56R055Y WO# 0109</p> <p><i>Gary S. Conover</i> GARY S. CONOVER GENERAL MANAGER</p>
			<p>LOG BOOK ENTRY FOR N521RM</p> <p>MARCH 15, 1999 HOBBS 909.1</p> <p>COPILOTS ADI REMOVED AND REINSTALLED AFTER REPAIR BY AEROSPACE INSTRUMENTS. PILOTS GYRO HORIZON REMOVED AND REINSTALLED AFTER REPAIR BY MID-CONTINENT INSTRUMENTS. LEFT DEICE FLOW VALVE REPLACED AND OPS CHECKED OK.</p> <p>RIGHT ENGINE REPLACED SEE ENGINE LOG THIS DATE.</p> <p>RICHARD PATSHKOWSKI Q&amp;P 1909051</p> <p><i>Richard Patshkowski</i></p>
			<p>LOG BOOK ENTRY FOR N521RM</p> <p>MARCH 29, 1999</p> <p>REMOVED SLAVING ACESORY REINSTALLED AFTER REPAIR BY MID-CONTINENT. REMOVED HIS, REINSTALLED AFTER REPAIR BY AEROSPACE INSTRUMENT SUPPORT. REMOVED ADF RT, REINSTALLED AFTER REPAIR BY AEROSPACE INSTRUMENT SUPPORT.</p> <p><i>Richard Patshkowski</i> RICHARD PATSHKOWSKI A&amp;P 1909051</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	LOG BOOK ENTRY FOR N521RM
			<p>MAY 3, 1999</p> <p>REPLACED LEFT VSI WITH NEW S/N 7568. REMOVED MANIFOLD PRESSURE GAUGE, REINSTALLED AFTER REPAIR BY MID-CONTINENT. INSTALLED CESSNA RUDDER GUST LOCK ASSY P/N 5215027-12.</p> <p>RICHARD PATSHKOWSKI A&amp;P 1909051.</p> <p><i>Richard Patshkowski</i></p>
			<p>LOG BOOK ENTRY FOR N521RM</p> <p>AUGUST 10, 1999 HOBBS 1009.0</p> <p>REPLACED MANIFOLD PRESSURE GAUGE, S/N 89478.</p> <p><i>Richard Patshkowski</i></p> <p>RICHARD PATSHKOWSKI A7P 1909051</p>
			<p>LOG BOOK ENTRY FOR N521RM</p> <p>SEPTEMBER 20, 1999 HOBBS 1036.5</p> <p>REMOVED PROP SYNC CONTORL BOX, REINSTALLED AFTER REPAIR BY WOODWARD GOVERNOR COMPANY. P/N 213433 S/N 1434064 REMOVED RIGHT PROP GOVERNOR, REPLACED WITH OVERHAULED MODEL DCFS 290D7F/T6 GOVERNOR FROM AC PROPELLER SERVICE.</p> <p><i>Richard Patshkowski</i></p> <p>RICHARD PATSHKOWSKI A&amp;P 1909051</p>
			<p>LOG BOOK ENTRY FOR N521RM</p> <p>SEPTEMBER 20, 1999 HOBBS 1036.5</p> <p>REPLACED TACH INDICATOR WITH OVERHAULED P/N C668016-0108 INDICATOR FROM RAM AIRCRAFT. REMOVED RIGHT TACH GENERATOR P/N MS25038-2 S/N 245290 REINSTALLED AFTER OVERHAUL BY QUALITY AIRCRAFT ACCESSORIES. OPS CHAECHECKED OK AIRCRAFT APPROVED FOR RETURN TO SERVICE.</p> <p><i>Richard Patshkowski</i></p> <p>RICHARD PATSHKOWSKI A&amp;P 1909051</p>



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			LOG BOOK ENTRY FOR N521RM
			OCTOBER 13, 1999 HOBBS 1051.0
			REMOVED HIS REPLACED WITH OVERHAULED P/N 52D137-2331 S/N 4890B. FROM GLOBAL TECH INSTRUMENTS. OPS TESTED OK.
			RICHARD PATSHKOWSKI A&P 1909051 <i>Richard Patshkowski</i>
			LOG BOOK ENTRY FOR N521RM
			NOVEMBER 4, 1999 HOBBS 1090.0
			REPLACE HEATER COMBUSTION BLOWER MOTER WITH OVERHAULED UNIT FROM AIRCRAFT HEATING INC. MODEL # YZ1U040. HEATER TESTED AND IS APPROVED FOR RETURN TO SERVICE.
			RICHARD PATSHKOWSKI A&P 1909051 <i>Richard Patshkowski</i>
			LOG BOOK ENTRY FOR N521RM
			DECEMBER 20, 1999 HOBBS 1104.2
			REMOVED PILOTS H.S.I. AND ADI AND REINSTALLED AFTER REPAIR BY GLOBAL TECH INSTRUMENTS.
			RICHARD PATSHKOWSKI A&P 1909051 <i>Richard Patshkowski</i>
			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	LOG BOOK ENTRY FOR N521RM JANUARY 31, 2000 INSTALLED NEW STANDARD 35K ALTIMETER IN THE RIGHT PANEL. P/N 5934PA3A86 S/N 410691.
			RICHARD PATSHKOWSKI A&P 1909051 <i>Richard Patshkowski</i>
			The following tests required by FAR Part 91.411 & 91.413 have been performed IAW Part 43, Appendices E & F.
			Left altimeter to _____ feet YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			Right altimeter to _____ feet YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			Static system YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			Altitude reporting system YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			Transponder YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			<i>Richard Patshkowski</i> Signature      2251782 Certificate      2-1-00 Date
			RADIO TECHNICAL SERVICE PS3R774L SPOKANE, WA.

UNITED INSTRUMENTS, INC.

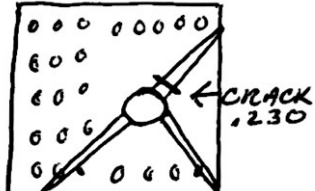

SCALE CORRECTIONS			ALTIMETER SER. NO. 410691		
Alt. Reads	Add Algebraically		Alt. Reads	Add Algebraically	
	Room Temp. °C	Low Temp. °C		Room Temp. °C	Low Temp. °C
-1000	+		25000	-	
0	+		30000	-	
500	+		35000	+	
1000	+		40000		
1500	+		45000		
2000	+		50000		
3000	+				
4000	+				
6000	+				
8000	+				
10000	+				
12000	+				
14000	+				
16000	+				
18000	+				
20000	+				
22000	+				


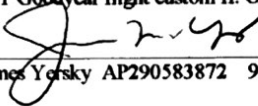

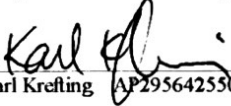


DATE: 12-9-99      TESTED BY: *SK*      INSPECTED BY: *MD*


SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE



DATE	TOTAL	TACH OR	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	<p>N# <u>521RM</u> Make <u>Cessna</u> Model <u>421C</u> hour <u>1156</u></p> <p>Aviation Services Group</p> <p>Complied with AD00-01-16 part b exhaust on both engines - no defects noted.</p> <p><i>Karl Krefting</i> Karl Krefting AP2956425501A 6/15/00</p>		<p>LOG BOOK ENTRY FOR N521RM</p> <p>APRIL 28, 2000 HOBBS 1124.2</p> <p>REPLACED AIRCONDITIONING HYDRAULIC PRESSURE SWITCH WITH NEW. P/N 9910287 S/N 4945. AIRCONDITIONING SERVICED WITH ONE POUND OF R12.</p> <p>INSPECTED RIGHT MAIN LANDINGGEAR FORWARD TRUNION FOR CRACK. REMOVED GEAR STRUT. DYE PEN TRUNION. FOUND CRACK IN UPPER WEB APPROXIMATLY ONE INCH ABOVE THE PIVOT POINT. CRACK MEASURES .230 AT THIS TIME. REINSTALLED STRUT TEST RUN LANDING GEAR. THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.</p> <p>RICHARD PATSHKOWSKI A&amp;P 1909051 AIRCRAFT MAINTENANCE SPECIALTIES</p> <p><i>Richard Patshkowski</i></p> 
	<p>N# <u>521RM</u> Make <u>Cessna</u> Model <u>421C</u> hour <u>1201.9</u></p> <p>Aviation Services Group</p> <p>Complied with AD00-01-16 part b exhaust on both engines - no defects noted.</p> <p><i>Karl Krefting</i> Karl Krefting AP2956425501A 7/28/00</p>		 <p>Aviation Services Group</p> <p>N# <u>521RM</u> Make <u>Cessna</u> model <u>421C</u> SN# <u>421C0335</u> hour <u>1225.6</u></p> <p>Removed EGT gauge. Installed GEM 1200 kit in accordance with STC #SA157NE. Installed right and left aft wing locker fuel tanks in accordance with STC #SA2514CE. Replaced fuel hose to right engine fuel pump with a new 124J001-6CR-0210. Replaced taxi lamp with a new 4594. new useful load : 2084 lbs. new empty weight: 5476 lbs C.G. 155.5" moment: 851628.7</p> <p><i>Karl Krefting</i> Karl Krefting AP2956425501A 8-29-00</p>
			<p>SUB-TOTALS THIS PAGE</p> <p>TOTALS - CARRY FORWARD TO NEXT PAGE</p>

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p>Aviation Services Group N# <u>521RM</u> make <u>Cessna</u> model <u>421C</u> hour <u>1248.9</u></p> <p>Repaired left landing lamp actuator. Replaced right main tire with a new 850x10-8TT Goodyear flight custom II. Operational check good.</p> <p> James Yersky AP290583872 9/13/00</p>
			 <p>Aviation Services Group N# <u>521RM</u> Make <u>Cessna</u> Model <u>421C</u> hour <u>1248.9</u></p> <p>Complied with AD00-01-16 part b exhaust on both engines - no defects noted.</p> <p> Karl Kreffing AP2956425501A 9/13/00</p>
			 <p>Aviation Services Group N# <u>521RM</u> Make <u>Cessna</u> Model <u>421C</u> heater <u>1824</u> hour <u>1353</u> ACTT <u>5725.8</u></p> <p>Inspected aircraft in accordance with FAR 43 appendix D. Complied with all lubrication items. Complied with FAR91.207(d)1,2,3,4- no defects noted. Replaced ELT battery - next due 12-02. Replaced vacuum regulator filters with new B3-5-1. Complied with AD84-26-02 by replacing engine air filters with new 9910018-1 - next due at 1853 hobbs. Replaced switch for heater control with a new W31X2M1G15. Complied with AD96-20-07 heater pressure decay - no defects noted - due @ 1924 heater Hobbs. AD95-09-13 fuel valve due @ 1487 Hobbs. Repaired cabin seats. Complied with AD78-13-05 cabin seats. Cleaned battery box. Replaced instrument air filter with a new AM1035351A.</p> <p>Complied with AD00-01-16 part B exhaust - no defects noted. Replaced duct for heater system (feeds left cabin) with a new 5117257-5. Repaired ice lamp. Repaired front support cable for cabin door. Replaced uplock switch for left landing gear with a new 602EN55-6B and control valve for landing gear system with an overhauled INV51860-3RX. Performed landing gear swing and emergency extension. Crack in right front support for landing gear trunnion inspected and still within limits per ME1385-11. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition. -----</p> <p> Karl Kreffing AP2956425501A 12/18/00</p>
			TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p>Aviation Services Group</p> <p>N# <u>521RM</u> make <u>Cessna</u> model <u>421C</u> hour <u>1385</u></p> <p>Complied with AD 00-16-01 exhaust system - no defects noted.</p> <p><i>Karl Kretting</i> Karl Kretting AP2956425501A 1/18/01</p>

I certify that Altimeter(s) and static system tests required by FAR Part 91.411 have been performed and meets specifications.

Static System test date 12/14/00

Altimeter tested to: \_\_\_\_\_ Date \_\_\_\_\_

L S/N 1243 35,000 ft. 12/14/00

R S/N 410691 35,000 ft. 12/14/00

#1 Encoder S/N 1243 35,000 ft. 12/14/00

#2 Encoder S/N N/A N/A ft. N/A

Inspector Signature *[Signature]*  
DIAMOND AVIONICS & INSTRUMENT INC. FAA Repair Station #GP5R891M

I certify the ATC transponder test and inspection required by FAR 91.413 was performed this date and found to comply with FAR 43, Appendix F.

Date \_\_\_\_\_

#1 Make GARMIN Model GTX 320 S/N \_\_\_\_\_

#2 Make GARMIN Model GTX 320 S/N 83200686

Date of this inspection is on file at this repair station under

W.O. 114111 Dated 12/14/00

Inspector Signature *[Signature]*  
DIAMOND AVIONICS & INST. INC. FAA Repair Station #GP5R891M  
Cincinnati, Ohio

			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE

# Caribbean Aircraft Maintenance, Corp.

DA

March 15, 2001

N521RM Cessna 421-C

S/N 421C0335

Check and Replaced Right Engine Vacuum Pump P/N 441CC-7 S/N 93155 and Replaced Garlock Seal. Ground Run-Up OK. Found No Oil Leak at This Time. End Raymond Rodriguez

A&P 582570770



Aviation Services Group

N# 521RM Make Cessna Model 421C  
hour 1435

Complied with AD00-01-16 part b exhaust on both engines - no defects noted.



Karl Krefting AP2956425501A 3/12/01



Aviation Services Group

N# 521RM Make Cessna Model 421C  
hour 1447

Sublet hydrostatic test for nitrogen bottle to Ameron Global - next due April 2006.  
Replaced fuel pump for left aft locker tank with a new 480564.



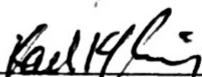
Karl Krefting AP2956425501A 3/19/01



Aviation Services Group  
airframe

N# 521RM make Cessna  
model 421C hour 1554


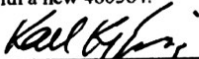

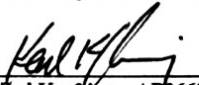
Tightened steering hardware at nose trunnion. Lubricated strut and torque links.  
Serviced shimmy damper.





Karl Krefting AP2956425501A 6/5/01





DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <b>Aviation Services Group</b> <u>N# 521RM</u> Make <u>Cessna</u> Model <u>421C</u> airframe                                  hour <u>1625.1</u>  Complied with <b>AD00-01-16 part b</b> exhaust on both engines - replaced both riser assemblies for right engine with new K9910295-15, -16. Replaced O-rings in fuel caps for main tanks with new MS29513-338. Replaced fuel boost pump for left engine with an overhauled RA2B7-29. Replaced alternator and drive gear for right engine with overhauled 649304 and LC53675NOH. Replaced fuel pump for left aft locker tank with a new 480564.  Karl Krefting <u>AP2669937IA</u> 10/24/01
			 <b>Aviation Services Group</b> <u>N521RM</u> Make <u>Cessna</u> Model <u>421C</u> heater <u>1955.3</u> hour <u>1652.2</u> ACTT <u>6025</u>  Inspected aircraft in accordance with FAR 43 appendix D. Complied with all lubrication items. Complied with FAR91.207(d)1,2,3,4- no defects noted. Replaced motor for heater combustion air blower with an overhauled 90E87-1. Complied with <b>AD96-20-07</b> heater pressure decay - no defects noted - due @ <b>2055</b> heater Hobbs. Complied with <b>AD95-09-13</b> fuel valve - no defects noted - due @ <b>6625</b> ACTT. Complied with AD78-13-05 cabin seats. Cleaned battery box. Replaced lens for left navigation lamp with a new 25-0869-23. Replaced left navigation lamp with a new W1290-28. Replaced fuel boost pump for left side with an overhauled 2B7-29. Replaced exhaust riser assembly for inboard left engine  with a new K9910295-15 from RAM. Complied with AD00-01-16 part D exhaust - no defects noted. Performed landing gear swing and emergency extension. Crack in right front support for landing gear trunnion inspected and still within limits per MEB85-11. Replaced cylinder head temperature probe for #4 on left engine with a new 2852. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition. _____  Karl Krefting <u>AP2669937IA</u> 1/08/02
SUB-TOTALS THIS PAGE			
TOTALS - CARRY FORWARD TO NEXT PAGE			

90-02-13  
 OVS AT 1707 HRS

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 Aviation Services Group airframe <span style="float: right;">             N# <u>521RM</u> make <u>Cessna</u>              model <u>421C</u> hour _____           </span>
			Repaired wiring for left propeller heaters at hub. Serviced air conditioner. Repaired control detent for left fuel selector. Aircraft approved for return to service.
			 Karl Krefting AP26699371A 4-15-02

**STEVENS AVIATION**

**Airframe**

Date: **April 10, 2002**  
 Reg No: **N521RM**  
 Hobbs: **1720.4**

Work Order: **10475**  
 Aircraft: **Cessna 421C**      Serial No: **421C0335**




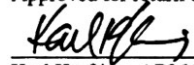


- On left engine ONLY, C/W AD 2000-01-16 para (b) (c) and (g) by removing entire exhaust and send to "Aircraft Exhaust Systems". From slip joints back installed overhauled units with new gaskets and stainless steel bolts.

The aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under W.O. # 10475.

Date: 4-10-02 Signed   
 For approved repair station QC4R461M

SA-0505

			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p>Aviation Services Group airframe</p> <p>N# <u>521RM</u> make <u>Cessna</u> model <u>421C</u> hour <u>1748</u></p> <p>Removed exhaust collector from left engine, sublet warranty repair to Aircraft Exhaust, reinstalled same. Replaced clamp for wastegate to tailpipe connection with a new U10C050-240M. Replaced TIT probe with a new 2871. Complied with AD00-01-16 part b - no defects noted.</p> <p> Karl Krefling AP26699371A 6-19-02</p>
			 <p>Aviation Services Group airframe</p> <p>N# <u>521RM</u> make <u>Cessna</u> model <u>421C</u> hour <u>1795.8</u></p> <p>Replaced all hoses for landing gear actuators with new 111417-4S-0094, 111417-4S-0104, 111504-6S-0100, 111502-6S-0122. Serviced nitrogen bottle. Performed landing gear swing and emergency extension. Serviced hydraulic system. Swapped fuel boost pumps. Complied with AD00-01-16 (b) - no defects noted. Aircraft Approved for return to service.</p> <p> Karl Krefling AP26699371A 8/1/02</p>
			 <p>Aviation Services Group Airframe</p> <p>N# <u>521RM</u> make <u>CESSNA</u> model <u>421C</u> hobbs <u>1852.2</u></p> <p>Repaired starting vibrator. Inspected heater, lubed combustion air blower motor, tightened inlet plenum. Installed overhauled left fuel boost pump P/N RA2B7-29 .-----</p> <p> Steve Gullett AP26689341A 12-06-02</p>
			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE

**N521RM (Aircraft Logs)**  
**Cessna 421C s/n 421C0335**

Inspected aircraft as required by FAR91.409 per inspection meeting requirements of FAR 43 App. D.  
Inspected ELT as required by FAR 91.207(d). Replaced ELT Battery next due Feb 2005.  
Reinstalled Oxygen bottle (3AA) after Hydrostatic test as required. (Due each 5 years)  
Reinstalled left/right engine fire bottles #30111102 s/n 01846A1 & 01840A1 after OVH/Hyd by Ameron Global (CRS#OVVR461N) W.O. # 6409 dated 2/3/03. (Due again in 5 years.)  
Replaced vacuum inlet filter element (Due each 500 hr.)  
Replaced left/right hydraulic filter AN6235-2A (Due each 400 hr.)  
Rerigged aileron, and aileron trim tab cable tensions. Repaired elevator trim actuator with new end bearing and regreased. Rerigged Elevator, elevator trim rudder trim, nose gear steering cable, elevator trim, yaw damper., and flap travels and cable tensions. Installed new left rear fuel drain valve (F75D). Replaced trailing edge left wing rib at outboard flap drive rod inboard end with Cessna new part #5122053-133. Removed left engine and replaced forward sections of top cap strip with rivets as required. Patch repair left nose gear well wall above nose gear trunnion attach. Patch repaired around left nose baggage door area. (See 337 form this date) Patch repaired right wing trailing edge crack Cleaned surface corrosion and replaced rivets as required in left/right exhaust trail area.  
Replaced right main gear door hinge 5127050-15 & 5122115-27. Repaired broken wing deice line in right wing. Replaced right engine CHT probe AN5546-1.  
Replaced stub wing pressure ducts as required. Replaced vacuum relief valve filters.  
Replaced gaskets on heater fuel bowl. Replaced one left and right static port heater assembly #CM2933-6.  
Cleaned prop deice meter shunt and installed new left side prop deice brushes.  
Replaced nose gear tire (Goodyear 6:00 X 6 ) and tube. Replaced nose gear upper trunnion bearing KP37B. Replaced missing nose gear steering stop block.  
Replaced nose gear drag link. Operational check and emergency extension per Cessna 421C Maintenance Manual.  
CW Cessna SB MEB00-3 Forward and Aft Facing Seat Identification (installed placards)  
CW Cessna SB MEB89-3R1 Crew Seat Back Reinforcing Strap Installation  
CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.  
CW Para (b) exhaust visual. Replaced left side overboard clamp #NH1000897-50. Repaired heatsheids as required and retensioned slip joint springs to proper tension. (Due again in 50 hr. )  
CW para (c) tailpipe inspection. Left tailpipe New 4/02 due 4/07. CW Right side inspection (Due again in 12 months)  
CW para (d) visual inspection of beams, firewalls and canted bulkheads. (Due again in 500 hr.)  
CW para (e) Pressure test exhaust system. (Due again in 12 calendar months)  
AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of left/right engine filter due again in (500 hr)  
RAM Aircraft Corp. MT-2 9/15/95 Air Filter change each 300 hr. or 12 months.  
AD96-20-07 Effective Date 11/14/96 - Janitrol combustion heaters (Supersedes - 82-07-03) CW by pressure decay test (Due again in 100 hr. of heater time or 24 months. ) Current heater time 2049.5.  
CW AD2000-17-13 eff. Date 9/11/21(Supersedes AD200-08-01) Janero heater fuel regulator by pressure leak check

**DATE 2/10/2003 HOBBS 1889.5 AIRCRAFT TOTAL TIME 6262.3**  
**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ANTHONY R. SAXTON AP270560767IA 

Meyers Avionics Inc  
20311 Airport Road  
Defiance Ohio 43512  
CRS# OF5R091N



2-10-03  
WOW# 5206  
N521RM  
Cessna 421C SN-421C0335

The ATC Transponder tests and inspections required by FAR 91.413 have been performed this date and found to comply with FAR 43, Appendix F.


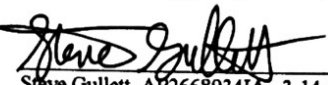
Mfg Garmin Model GTX320 SN \_\_\_\_\_  
Mfg Garmin Model GTX320 SN \_\_\_\_\_

The Altitude Reporting system test required by FAR 91.217 was performed in accordance with Appendix I of AC43-6A.

The Static System tests and inspections required by FAR 91.411A were performed this date and found to comply with FAR 43, Appendix E.

Certified Pilot and Co-Pilot Altimeters in accordance with FAR 43, Appendix E.(b).

  
Douglas Stuckey

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <p><b>Aviation Services Group</b> Airframe</p> <p>N# <u>521RM</u> Make <u>CESSNA</u> Model <u>421C</u> Hours <u>1212.2</u> Hobbs</p> <p>Replaced starting vibrator with new P/N 10-357487-242. Serviced oxygen. Serviced air conditioner with 2.5 lbs. R12. Paralleled alternators. Tightened loose terminals on L. eng., #3 cyl. E.G.T. probe. Ops checked.-----</p> <p> Steve Gullett AP2668934IA 3-14-03</p>



**Aviation Services Group**  
Airframe.

N# 521RM Make CESSNA  
Model 421C 1974.3 hobbs

Install new Insight E.G.T. probes, P/N 2870 in # 3 cyl, L. eng. & # 2 cyl., R. eng. & new P/N 2852 C.H.T. probe in L. eng. # 4 cyl. Replaced L. eng. tach generator with overhauled P/N 0850350-5RX, S/N 29512. Performed ops. & leak check.-----



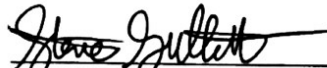
Steve Gullett AP2668934IA 5-16-03



**Aviation Services Group**  
Airframe

N# 521RM Make CESSNA  
Model 421C 2931.5 hobbs

Replaced left eng. turbine inlet temperature probe. Installed new Insight P/N 2871 probe. Repaired nose wheel fender & fender stay.-----

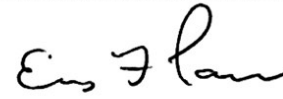


Steve Gullett AP2668934IA 6-12-03

**SOUTHEAST AERO SERVICES, INC. 800-692-2091**  
**CESSNA 421C S/N 421C-0335 N521RM**

08/01/2003

- 1.) Removed wheel and brake assemblies from right main landing gear strut. Disassembled strut, repacked, reassembled, and serviced strut I/A/W manufacturers service instructions. Reinstalled wheel and brake assemblies.



**EUGENE F. POWERS**  
A&P 116506473



**Aviation Services Group**  
Airframe

N# 521RM make CESSNA  
model 421C 2054.7 hobbs

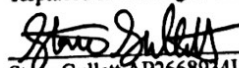
Complied with AD 00-01-16 part (b) on right & left engines. Replaced right main tire with new Michelin Aviator 6.50X10-10PR.-----



**Aviation Services Group**  
Airframe

N# 521RM Make CESSNA  
Model 421C 2063.0 Hobbs

Replaced L. landing lt. lamp with new GE4553. Ops. checked.-----



Steve Gullett AP2668934IA 9-25-03

**Aviation Services Group**  
Airframe

N# **521RM** make **CESSNA**  
model **421C** hours **2026.5** hobbs

Replaced R. landing light. bulb with new P/N GE4553. Ops. checked. \_\_\_\_\_

*Steve Gullett*  
Steve Gullett AP26689341A 10-17-03

**Aviation Services Group**  
Airframe

N# **521RM** make **Cessna**  
model **421C** **2118.0** hobbs

Replaced #1 & #3 L. eng E.G.T. probes with new P/N 2870. Paralleled alternators. Lubed L. fuel selector cable. Serviced oxygen. Performed ops. & leak check. \_\_\_\_\_

*Steve Gullett*  
Steve Gullett AP26689341A 10-30-03



**Cincinnati**  
Airframe

N# **521RM** Make **Cessna**  
Make **421C** **2142.2** Hobbs

Inspected L. & R. engines exhaust system I.A.W. A.D.00-01-16 part (b). \_\_\_\_\_

*Steve Gullett*  
Steve Gullett AP26689341A 11-26-03


		1-5-04	JACKED AIRCRAFT REPAIRED WHEEL
	HOBBS	2142.2	BEARING REPLACED WITH MAIN TIRE
			WITH NEW 6.50-10-10-120 P/N 076-356 0
			TIRE INSPECTED BRAKES REMOVED R.H
			MAIN STRUT AND INSTALLED NEW 5141109-4
			BEARING THIS TERMINATES AD 90-02-13
			IAW (D) OF AD AD 72-14-08 R1 CW
			NEW HOSES INSTALLED BY S. G. NATURE
			ENGINE IN CONJUNCTION WITH ENGINE
			CHANGE AD 85-09-13 P/N AT 2252 HOBBS
			AD 2000-01-16 CW PART (D) NEXT ROW AT 2642.2
			HOBBS (R.H. SIDE NEW SUP. JOINTS TAIL PIPE
			AND 4 PIPE AND CW PART E L.H. SIDE
			PART D DONE BY S. G. NATURE ENGINES
			SUB-TOTALS THIS PAGE
			TOTALS - CARRY FORWARD TO NEXT PAGE







# Autopilots Central, Inc.

Hangar 23, Tulsa International Airport - Tulsa, OK 74115  
P.O. Box 582108 - Tulsa, OK 74158  
(918)836-6418 - Fax (918)832-0136  
FAA CRS CM2R747K

## Invoice

Work Order: AV04-01060      Opened: 3/17/2004  
Acct Number: (513) 677-4440, 149      Closed: 3/18/2004  
Department: Autopilot

Sold To: Gulf Juliet Travel Inc.  
839 Country Club Drive  
Cincinnati, OH 45245

<b>Aircraft Number:</b>	N521RM	<b>Type:</b>	N521RM	<b>S/N:</b>		
<b>Eng#</b>	<b>Type</b>	<b>S/N</b>	<b>Time Cycles</b>	<b>Prop Type</b>	<b>Prop S/N</b>	<b>Prop Time</b>
1						

### Discrepancy: 1

**Problem:**

800B IFCS, autopilot will intermittently disengage and will stay off for days, erratic pitch.

**Action Taken:**

Ground test - Removed computer amp, control unit, mode selector, A.H., pitch servo, and air speed switch for bench check/repairs.

### Discrepancy: 2

**Problem:**

Replace bad airspeed switch.

**Action Taken:**

Bench check found bad airspeed switch. Replaced with new one.

### Discrepancy: 3

**Problem:**

S550A Mode Selector P/N 42710-0000 S/N 931  
Bench test.

**Action Taken:**

Bench test found some lamps out. Replaced A/P and Nav1 green lamps. Aligned and tested IAW ARC Service Manual #7010434-4.

### Discrepancy: 4

**Problem:**

CA-550A/FD Computer Amp P/N 42680-0004 S/N 2129  
Bench test.

**Action Taken:**

Bench check found 10 VAC power supply inop. Troubleshoot and replaced Q11, A11CR6, A11CR7, A11R7, A11R4 and A11VR1. Replaced faulty trim regulator components Q14, A6U3, and A6VR2. Aligned and tested IAW ARC Service Manual #7010434-3.

### Discrepancy: 5

**Problem:**

G-895A F.d. Indicator P/N 44660-0008 S/N 1-77030618  
Bench test.

**Action Taken:**

Bench checked unit, found intermittent slip rings, balance weights fallen off rising runway. Cleaned slip rings and brush block, reattached balance weights and balanced rising runway. Repaired and certified IAW Sperry Manual 09-3231-04.

### Discrepancy: 6

**Problem:**

C-830FD Control Unit P/N 41780-1128 S/N 809

Bench test.  
**Action Taken:**  
 Found low tach motor output. Cleaned and lubricated motors and gear assembly. Tested IAW ARC Service Manual #7010454-4.

**Discrepancy: 7**  
**Problem:**  
 PA495A-2 Actuator P/N 45850-4016 S/N 2077  
 Bench test.  
**Action Taken:**  
 Bench check found runs 1 direction. Silicon all over outside noisy bearing, intermittent sockets. Cleaned motor and replaced bearing. Replaced A1 and A2 relays. Replaced sockets and trim pots. Replaced diodes CR1, CR4, CR5, CR6, CR7. Insulated capacitors. Set torque and overcurrent IAW ARC Service Manual #7010434-4.

**Discrepancy: 8**  
**Problem:**  
 Reinstall components.  
**Action Taken:**  
 Reinstalled computer amp, control unit, mode selector, FDI, and pitch actuator in aircraft. Ramp checked.

**Discrepancy: 9**  
**Problem:**  
 S550A Mode Selector S/N 931  
 Troubleshoot.  
**Action Taken:**  
 Unit failed during test flight. Altitude hold always engaged - won't disengage. Removed mode selector from aircraft. Troubleshoot and replaced A2U2. Bench check ok. Reinstalled in aircraft. Ramp check ok. (No Charge)

**Discrepancy: 10**  
**Problem:**  
 Test fly aircraft.  
**Action Taken:**  
 Test flew again and autopilot performed good.

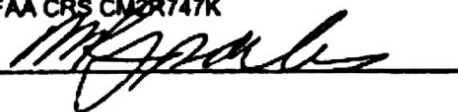
**Miscellaneous Charges:**

	Misc Supplies:	\$ 32.85
--	----------------	----------

**Totals:**

	<b>SubTotal:</b>	<b>\$ 2,761.53</b>
	<b>OK Sales Tax:</b>	<b>\$ 70.17</b>
	<b>Total Due:</b>	<b>\$ 2,821.70</b>

The articles and/or work hereon described is/are certified  
 airworthy, (unless otherwise specified).  
 Autoplots Central, Inc.  
 FAA CRS CM2R747K

Authorized Signature 

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---

SIGNATURE ENGINES, INC.  
 4204 AIRPORT ROAD  
 CINCINNATI, OHIO 45226  
 CRSE5ZR316Y

DATE: 1-5-04  
 RIGHT SIDE  
 N521RM

W.O.#E1950  
 HOBBS: 2142.2

LOGBOOK ENTRY

REMOVED RIGHT ENGINE, S/N 265085-R AND INSTALLED S/N 246022-R. END.

*Steven A. Darr*  
 STEVEN A. DARR  
 INSPECTOR

SIGNATURE ENGINES, INC.  
 4204 AIRPORT ROAD  
 CINCINNATI, OHIO 45226  
 CRSE5ZR316Y

DATE: 1-5-04  
 LEFT SIDE  
 N521RM

W.O.#E1950  
 HOBBS: 2142.2

LOGBOOK ENTRY

REMOVED LEFT ENGINE, S/N 277022-P AND INSTALLED S/N 245993-R. END.

*Steven A. Darr*  
 STEVEN A. DARR  
 INSPECTOR



Cincinnati  
 Airframe

N# 521RM make CESSNA  
 model 421C hours 2164.9 hobbs

Removed magnetic compass & reinstalled after sublet repair to Diamond Avionics.

*Steve Gullett*  
 Steve Gullett AP26689341A 1-29-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2212.0 Hobbs

Airframe

Lubed left fuel selector valve, cable, & selector gearbox. Modified R. oil drain access door to gain additional clearance for oil sump drain plug. Ops. & leak checked.-----

*Steve Gullett*  
Steve Gullett AP26689341A 4-5-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2223.4 Hobbs

Airframe

Replaced L. electric fuel boost pump. Installed overhauled pump P/N RA2B7-29, S/N 2E166. Tightened L. alternator aux. terminal. Replaced pilot's O2 mask supply hose with new P/N C166005. Replaced L. & R. fuel filter cap o-rings. Replaced several rivets in lower cabin door aft hinge. Replaced forward cable on lower cabin door with new P/N 5111561-27CR. Performed ops. & leak check.-----

*Steve Gullett*  
Steve Gullett AP26689341A 4-30-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2248.6 Hobbs

Airframe

Repaired R. propeller de-ice wiring. Replaced R. OEM C.H.T. probe. Installed new P/N 0813601-6 probe. Performed ops. check.-----

*Steve Gullett*  
Steve Gullett AP26689341A 5-12-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2282.5 Hobbs

Airframe

Installed new P/N RG24-20 Concord ship's battery. Performed ops. check.-----

*Steve Gullett*  
Steve Gullett AP26689341A 6-28-04

MED -  
OF PERSON PERFORMING WORK

Series of horizontal lines for recording work details.


SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE



Cincinnati

N#521RM Make CESSNA  
Model 421C 2305.8 Hobbs

Airframe

Serviced oxygen & added 2 lbs. R-12 freon to air conditioning system.-----

*Steve Gullett*

Steve Gullett AP 26689341A 8-3-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2331.5 Hobbs

Airframe

Serviced oxygen system. Replaced air conditioner drive hydraulic pump. Installed new pump, P/N 24343RAB & gasket P/N 5154056-2. performed ops & leak check.-----

*Steve Gullett*

Steve Gullett AP 26689341A 9-1-04



Cincinnati

N#521RM Make CESSNA  
Model 421C 2348.0 Hobbs

Airframe

Serviced O2 bottle, replaced aux. fuel pump. Installed new pump, P/N 6508092-1. Performed ops. & leak check.-----




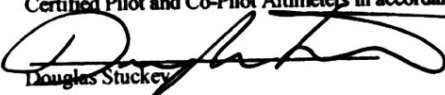
*Steve Gullett*

Steve Gullett AP 26689341A 9-30-04

1-7-05 2453.5 HOBBS BLED L. & R. BRAKE SYSTEMS, SERVICED MASTER CYLINDER  
RESEVOIRS. *Steve Gullett* AP 26689341A

SUB-TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		<p>Meyers Avionics, Inc. 20311 Airport Road Defiance OH 43512 CRS# OF5R091N</p>	<div style="text-align: right;">2-11-05 WO#5643 N521RM Cessna 421C SN-421C0335</div> <div style="text-align: center;">  </div> <p>While performing IFR Certifications found Pilot and Co-Pilot static systems leaking. Split system in line that runs from the cockpit to the rear. Both sides leaking. Tightened fittings on both static bottles. Removed glare shield and tightened all connections in Pilot and Co-Pilot panels. Checked static systems ok. Found mode C 100 feet off from altimeter. Removed floorboards in nose to gain access to encoder. Drilled out 6 screws that were stripped. Adjusted Mode C and reassembled nose section.</p> <div style="text-align: center;">               Douglas Stuckey         </div>
		<p>Meyers Avionics Inc 20311 Airport Road Defiance Ohio 43512 CRS# OF5R091N</p>	<div style="text-align: right;">2-11-05 WO# 5643 N521RM Cessna 421C SN-421C0335</div> <div style="text-align: center;">  </div> <p>The ATC Transponder tests and inspections required by FAR 91.413 have been performed this date and found to comply with FAR 43, Appendix F.</p> <p>Mfg Garmin    Model GTX320    SN _____ Mfg Garmin    Model GTX320    SN _____</p> <p>The Altitude Reporting system test required by FAR 91.217 was performed in accordance with Appendix 1 of AC43-6A.</p> <p>The Static System tests and inspections required by FAR 91.411A were performed this date and found to comply with FAR 43, Appendix E.</p> <p>Certified Pilot and Co-Pilot Altimeters in accordance with FAR 43, Appendix E,(b).</p> <div style="text-align: center;">               Douglas Stuckey         </div>
			<p>SUB-TOTALS THIS PAGE</p> <p>TOTALS - CARRY FORWARD TO NEXT PAGE</p>

**N521RM (Aircraft Logs)**  
**Cessna 421C s/n 421C0335**

DATE

Inspected aircraft as required by FAR91.409 per inspection meeting requirements of FAR 43 App. D.  
 Inspected ELT as required by FAR 91.207(d). Replaced ELT Battery next due **March 2007**.  
 Reinstalled Fuel Mang Indicator #701921-2 s/n 3881 following repair and return to service by Instrument Tech (CRS#RT1R464K) W.O. # D7156 dated 2/8/05.  
 Repaired system wiring and installed serviceable "as IS" transducer on left engine.  
 Replaced vacuum main inlet filter assembly (Replacement due each 500 Hr.)  
 Rerigged aileron cable, aileron trim cable tensions and aileron travel. Minor patch repaired left inboard flap.  
 Replaced battery vent fairing assy # 5118419-2. Patch repaired deice boots as required.  
 Cleaned area of corrosion on bottom of right inboard wing fuel tank and installed "click bond" to lower skin.  
 Reinstalled OVH left landing light #45-0148-9 s/n 63013 "returned to service" by Kelly Aerospace Turbine Rotables (CRS#NV2R045L) W.O. # ALL-6041 dated 2/7/05. Installed new right side strobe light bulb # 45-0148-9. Replaced tail nav light bulb.  
 Removed emergency fuel shut off valve and installed new Orings. Visually inspected and installed left side fuel filter/main drain with serviceable "as is" unit #9910203-2.  
 Replaced Orings in left hydraulic filter housing and fittings. Replaced surface deice light socket assy 0820501-7 and bulb.  
 Replaced various EGT/TIT probes.  
 Replaced glove box latch assy # 0713009-2.  
 Operational check and emergency extension per Cessna 421C Maintenance Manual.  
 CW Cessna MEB91-11 Rev 1 Nose landing gear drag brace insp. Insp due again in 250 landing.  
 CW Cessna SB MEB87-4 Window Retainers by installation of cabin window retainers on Emergency exit and upper cabin door.  
 Installed new plexiglass window #5111605-2 in cabin door upper window. Replaced pilot vent window seal with new #5111141-3.  
 CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of left/right engine filter due again in (500)  
 RAM Aircraft Corp. MT-2.9/15/95 Air Filter change each 300 hr. or 12 months.  
 CW AD 95-09-13 Effective Date 06/14/95 Fuel Float Valves (Supersedes AD93-05-03) by function test due again in 600 hr.  
 CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.  
 CW Para (b) exhaust visual inspection (Due again in 50 hr. ) New parts installed  
 Replaced left engine 2/4/6 exhaust riser #KK9910295-15.  
 Para (c) tailpipe inspection. LEFT tailpipe new 2/2005 NEXT DUE 2/2010 RIGHT tailpipe new 1/2004 NEXT DUE 1/2009  
 CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months)  
 CW para (g) Exhaust system replacement. (Due again in 2500 hr. or 12 years)  
 Left Eng: Replaced Exhaust wye #8294-15, (2) slip joints #HWS-304002-1, Turbo bypass elbow #9910300-3R-HW, Turbo Overboard stack #C9910300-1HW. (left engine due again at aircraft TT 9346.7 or Feb. 2017)  
 Right eng: Exhaust components changed 1-5-04 (See engine log entry) during engine change.  
 (left engine due again at aircraft TT 9016.0 or Jan. 2016)  
 CW AD2004-21-05 eff. Date 11/19/2004 (Supersedes AD 96-20-07) Janero heater test.  
 Performed Pressure Decay and Air pressure switch test per Para (1).  
 Current heater hobbs reads 2195.0 due in 100 hr of heater time or 24 months (heater 2295 or Feb. 2007)  
 CWAD 2004-25-16 eff. Date 1/5/2004 (Supersedes AD 2000-17-13 and 200-08-01) Kelley Aerospace Heater Fuel Regulator  
 By visual inspection and leak check and marking. Due again in 100 hr. aircraft time or 12 months.

DATE 2/16/2005 HOBBS 2473.9 AIRCRAFT TOTAL TIME 6846.7

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

ANTHONY R. SAXTON

AP2705607671A

*Anthony R. Saxton*



Cincinnati  
Airframe

N# 521RM make CESSNA  
model 421C 2590.9 Hobbs

Adjusted M.L.G. strut heights. Replaced R. main gear tire & tube. Installed new Michelin Air tire, P/N 077-356-0 & new inner tube, P/N 092-344-0. Swapped L. & R. strobe lamps. Serviced air conditioner freon. Complied with A.D.00-01-16, part (b). Installed new fuel flow transducer, P/N700900-1, S/N 143480. Adjusted right eng. M.A.P. Installed new nose baggage doorprop bracket, P/N 5213087-4.  
 Performed ops. & leak check.

*Steve Gullett*

Steve Gullett AP26689341A 5-19-05



Cincinnati  
Airframe

N# 521RM make CESSNA  
model 421C 2700.5 Hobbs

Replaced C.H.T. probe in #6 cylinder, right engine. Installed new probe, P/N 2852. Ops. checked.

*Steve Gullett*

Steve Gullett AP26689341A 9-16-05



Cincinnati  
Airframe

N#521RM Make CESSNA  
Model 421C 2613.9 hobbs

Installed new C.H.T. probe, P/N 2855, in right engine, #1 cylinder.

*Steve Gullett*

Steve Gullett AP26689341A 6-17-05

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12-15	2810.1	HOBBS	CHANGED LEFT MAIN TIRE & TUBE. INSTALLED NEW MICHELIN AVIATOR TIRE, P/N 077-356-0 & NEW MICHELIN INNER TUBE, P/N 092-344-0. — <i>Steve Gullett</i> AP26689341A

Cincinnati Avionics Clermont County Airport Batavia, OH 45103 VYTR380B  
 LOG ID# 759 17-November-2005 WO# 4301/1  
 N521RM S/N 421C0335 CESSNA 421C Pg 1 / 1

Removed existing BendixKing KN 53 Nav Receiver, KN 72 VOR/Loc Converter, Garmin GNS 300XL GPS/Com with remote battery, Mid-Continent MD 41-1448 GPS ACU & MD 41-248 Remote Relay Unit, ARC IN-1004A RMI Indicator, Astron N2412-12 Power Converter, and Sperry RA 215 Radio Altimeter Indicator. Installed Garmin GNS 430 GPS/Com/Nav. See FAA form 337 dated 15 November 2005 on file. Operational check of the system was performed with no discrepancies noted.

Useful Load: 2089.64  
 Empty weight: 5470.36  
 Arm: 155.71  
 Moment: 851767.48

*[Signature]*  
 VYTR380B For Cincinnati Avionics

CESSNA 421C N521RM SERIAL# 421C0335 2650.2 hrs Hobbs 08-01-05

Remove interior components and disassemble crew seats, inspect for structural and mechanical condition. Repair reclining mechanisms; reinforce seat slings with 2" seatbelt webbing. Build new seat shape using Skandia flame retardant urethane foam which passes FAR 25.853a. Upholster pilot and co-pilot seats using Douglass SS midnight grey sheepskins which pass FAR 25.853a and Aeristo aeronappa albatross AN-F-024 leather which passes FAR 25.853a. Install new serge-bound, foam-backed cabin carpet using Douglass gypsum 88/500/265 which passes FAR 25.853a backed with Skandia flame retardant urethane foam which passes FAR 25.853a. Fabricate aluminum backing panels for cockpit carpet. Repair existing window frames and plastic trim components as necessary; install two new Plane Plastics right aft window frame sections, part numbers K5119103-16 and K5119103-18, both pass FAR 25.853a. Spray all plastic components with Dupont 215S barrier primer and paint with Dietzler acrylic lacquer to match interior. Repair mounting for aft mirror. Re-trim nose baggage floor mats, apply velcro and clean mats. Revise weight & balance as follows:

New empty weight	5479.86 lbs
New useful load	2080.14 lbs
New empty weight CG	155.55 ins
New moment	852405.02 in lbs

*[Signature]* Dennis Wolter, AP21535421A 08.01.05  
 AIR MOD, 2025 Sporty's Drive, Batavia, OH 45103


SUB TOTALS THIS PAGE

TOTALS - CARRY FORWARD TO NEXT PAGE



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---



Cincinnati Airframe

N#521RM Make CESSNA Model 421C 2866.7 hobbs

Replaced #3,4,&5 C.I.T. probes on right engine. Installed new probes, P/N 2852. Paralleled alternators, repaired tail nav. socket & installed new W1290 lamps in left & right wingtips. Lubed prop. sync. trimmer, cable, & solenoid actuator.

*Steve Gullett*  
Steve Gullett AP26689341A 1-11-06



**N521RM (Aircraft Logs)  
Cessna 421C s/n 421C0335**

Inspected aircraft as required by FAR91.409 per inspection meeting requirements of FAR 43 App. D.  
 Inspected ELT as required by FAR 91.207(d). ELT Battery next due March 2007.  
 Repaired air-conditioner as follows.  
 Replaced Evaporator Motor with OVH unit #MB55B-1 s/n 825. OVH by Advanced Industries Inc. (CRS#002R064L) W.O. # WTY000222.  
 Replaced fuel cap Orings. Replaced right lower static port with new heated unit CM2033-5.  
 Replaced vacuum main inlet filter assembly (Replacement due each 500 Hr.) Installed OVH right side evaporator assembly JBS301-1 S/N 5771182 by Kelly Aerospace (CRS#NV2R045L) W.O. # ACM-1328. Installed new expansion valves with new Cessna adapter. Installed new hydraulic annunciator switch # 9910287-11. Installed new Compressor SD508 with new drive coupling. Replaced connector hose to left AC outlet. Service AC as required.  
 Replaced selector switch for #1/ #2 transponder.  
 Replaced vacuum relief valve filters. Repaired annunciator panel circuit for surface deice light  
 Cleaned several areas on left wing and installed klik-bond patches. Sealed main spar gap as required. Patch repaired nose gear hydraulic actuator attach C Channel.  
 Replaced right side tach generator with New H60-050 s/n 285742 unit.  
 Re-rigged flap cable tensions and travels.  
 Replaced deice light bulb. Replaced right strobe light power supply with OVH unit #60-2799-1 s/n 8245 Returned to service by Kelly Aerospace (CRS#NV2R045L) W.O. # APS-26239.  
 Replaced prop synchrophaser lamp socket and bulb, re-centered box and lubed system. Installed new avionics switch guard.  
 Replaced left engine pressure system hoses.  
 Replaced pilot seat track as required.  
 Replaced left outboard gear door hinge.  
 Reinstalled Nitrogen Cylinder #9910154-2 s/n 1422 Hydrostatic tested per DOT 49 CFR, 3AA type cylinder  
 Turboprop East (CRS#T40R209N) W.O.# HYD-0659. (Due again in 5 years) Replaced nitrogen bottle fill valve with new 90820 valve.  
 Replaced left side hydraulic flow sensor switch #V9F37. Replaced left engine landing gear pump #9910137-1 s/n 012d OVH by The Aviation Group (CRS#VGOR728L) W.O. # 22464. Replaced nose wheel assembly with new Cleveland 40-76F wheel assembly. Removed optional equipment nose wheel fender and fabricated new hydraulic line damaged by fender. Shimmed right side torque link assembly. Installed new grease fitting lin left main torque link.  
 Operational check and emergency extension per Cessna 421C Maintenance Manual. Replaced left/right main landing gear hydraulic filter elements and due again in 400 hr.  
 CW AD2000-01-16 Effective Date Feb 15, 2000 (Supersedes AD75-23-08R5) Exhaust system inspection.  
 CW Para (b) exhaust visual inspection Found left engine turbo support bracket broken replaced with new RAM #2024-1. Replaced left engine turbo overboard bracket #5155186-1 Retensioned exhaust springs as required. (Inspection Due again in 50 hr.)  
 CW para (d) visual inspection of beams, firewalls & canted bulkheads. Areas meet airworthiness requirements of AD. (Due again in 500 hr.)  
 CW para (e) Pressure test exhaust system. No damage found (Due again in 12 calendar months)  
 CW AD84-26-02 Effective Date - 01/29/85 Paper induction air filters CW by replacement of left/right engine filter due again in (500) RAM Aircraft Corp. MT-2 9/15/95 Air Filter change each 300 hr. or 12 months.  
 CW AD 2005-20-25 eff. 11/9/2005 Avionics Circuit Breakers. Inspected and found breakers to not be in date code range No further action required.  
 CW AD2004-21-05 eff. Date 11/19/2004 (Supersedes AD 96-20-07) Janero heater test.  
 Performed Pressure Decay and Air pressure switch test per Para (1). Installed new cabin heat inlet fan with new CD21402 Current heater hobbs reads 2316.2 due in 100 hr of heater time or 24 months (heater 2416.2 or March 2008)  
 CWAD 2004-25-16R1 eff. Date 6/20/2005 (Supersedes AD 2000-17-13 and 200-08-01) Kelley Aerospace Heater Fuel Regulator  
 By visual inspection and leak check (No marking required.) Due again in 100 hr. aircraft time or 12 months.

DATE 3/21/2006

HOBBS 2934.7 AIRCRAFT TOTAL TIME 7307.5

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

ANTHONY R. SAXTON

AP2705607671A

*Anthony R. Saxton*

CESSNA 421C      N521RM      SERIAL# 421C0335      2642.7 hrs Hobbs      07-18-05

---

Disassemble crew seats, inspect for structural and mechanical condition. Repair seat back and mechanism; reinforce seat slings with 2" seatbelt webbing. Build new seat shape using Skandia flame retardant urethane foam which passes FAR 25.853a. Upholster both seats using Douglass SS midnight grey shepskins which pass FAR 25.853a and Aeristo aeronappa albatross AN-F-024 leather which passes FAR 25.853a. Install two Plane Plastics right aft window frame sections, part numbers K5119103-16 and -18, both pass FAR 25.853a. Remove the following interior components for repair and future reinstallation: left forward kick panels, left & right side panel carpet, aft left side panel carpet, aft potty, forward divider curtain, left & right curtains & rods, forward divider cabinets, aft divider cabinet, aft-facing cabin seats. Revise weight & balance as follows:

New empty weight	5333.78 lbs
New useful load	2226.22 lbs
New empty weight CG	154.67 ins
New moment	824996.48 in lbs

  
Dennis Wolter, AP21535421A 07.18.05  
AIR MOD, 2025 Spotty's Drive, Batavia, OH 45103



Repair of B.F. Goodrich Neoprene Pneumatic de-icing Boots using Boots Inc. Repair Procedure 981201 on FAA Form 8110-3 dated Feb 98. Surface Prep, Fill Pin Holes, Repair Splits and Cuts. Finish surface with Boots "C" Specification Wax. Complete the process on the Wings, Vertical, Horizontals, Others: \_\_\_\_\_  
leading edge surfaces only.

**BOOTS INC. MAINTENANCE RELEASE**

The above appliance identified was repaired and inspected in accordance with current maintenance rules and is approved for return to service.

Work Order No: 1261 Dated 07-19-2006  
Aircraft Make: CESSNA 421C SN: 421C-0335  
N: 521RM Hobbs/ Tach / Logbook: N/A  
Signed Wanderl Rawson  
(signature of Authorized Representative)  
Repair Station Number B9OR303N



Cincinnati  
Airframe

N#521RM Make CESSNA  
Model 421C 3083.8 hobbs

Replaced left alternator. Installed overhauled alternator, P/N 649304, S/N G033586. Paralleled alternators & serviced air conditioner. Repaired shorted prop. heat cable on right prop. spinner bulkhead. Ops & leak checked. \_\_\_\_\_

Steve Gullett  
Steve Gullett AP26689341A 8-8-06

14569



Cincinnati  
Airframe

N#521RM Make CESSNA  
Model 421C 3108.5 hobbs

Replaced left landing light assembly. Installed overhauled unit, P/N 45-0148-10, S/N ALL5072. Installed new nose baggage door hold open support, P/N5213087-4, on left door. Installed new propeller de-ice ammeter, P/N C662503-0101, S/N 2Q06. Ops. checked. \_\_\_\_\_

Steve Gullett  
Steve Gullett AP26689341A 8-25-06



Cincinnati  
Airframe

N#521RM Make CESSNA  
Model 421C 3146.4 hobbs

Repaired ice light & right engine oil temp. sending unit wiring. Tightened left, outboard, elevator hinge bolt. Installed new C.H.T. probes, P/N 2852, on right engine #6 & left engine # 4 cylinders. Ops. checked. \_\_\_\_\_

Steve Gullett  
Steve Gullett AP26689341A 10-3-06

# Legendary Aircraft, LLC

Date: 12/11/06      N# 521RM      Tach Time: 3211.60      Total Time Airframe: 7584.40  
Complied with an Annual Inspection in accordance with FAR Part 43 appen.(d) and Cessna 421C M/M checklist. Opened up all panels, Lubed all controls and pivot points. Checked cable tensions. Jacked aircraft and swung gear 6 cycles with 1 cycle an emergency extension. No defects noted @ this date and time. Serviced blowdown bottle to specs with N2. Removed wheels, Replaced Left and Right brake discs assy's P/N:164-20306. Inspected brake calipers and pads. Cleaned and repacked wheel bearings. Reinstalled wheels, adjusted bearing pre-load and installed brakes. Serviced all tire pressures to specs with N2. Greased all gear zerks. C/W Cessna MEB 91-11 Rev 1 Nose gear drag link, Next due in 250 landings. Checked all light operations and heating components. Installed a missing static wick on lower portion of rudder P/N:16165, Checked bonding on remaining static wicks. Installed new klick bonds in flap wells to support Power Pac spoiler hydraulic lines. Secured loose wiring on Left and Right Landing Light postions. C/W FAR 91.207(d) 1-4 ELT Inspection and checks, Battery Due March 2007, Next 12 month due March 2007. Replaced Right foul weather window due to chips below min. specs with a new LP aero plastics window P/N: LP1155. Installed new fuel cap seals P/N: MS29513-338 and adjusted fuel cap tensions to specs. Installed new regulator filters P/N: B3-5-1. Serviced O2 to specs, O2 bottle due hydrotest 2/2008. Checked fire bottles for condition, Next hydrotest due 2/2008. Cleaned belly interior and secured all loose and chaffing wiring. Cleaned and tightened loose flap motor connections. Cleaned and checked de-ice flow valves and lines. Treated all de-ice boots with boot prep and boot shinemaster. Treated fuselage and wings with LPS#3. C/W AD # 84-26-02 Paper induction filters by replacement, next due in 500 hrs. C/W AD# 95-09-13 Fuel float valves, next inspection due in 600 hrs. C/W AD# 2000-01-16 Exhaust system inspection, C/W Para(b) Exhaust visual inspection, readjusted spring tensions as required, Next inspection due in 50hrs. C/W Para(d) Visual inspection of firewalls, canted bulkheads and beams, These areas meet the airworthiness requirements set forth in AD, Next due in 500hrs. C/W para.(e) Pressure test of exhaust system, No defects noted @ this date and time. Due again in 12 Months. C/W AD# 2004-21-05 Pressure decay and air pressure switch function, Due again in 100 heater hours. C/W AD# 2004-25-16R1 Kelly Aerospace Fuel Regulator, Performed visual inspection, no defects noted @ this date and time. Due in 100 hrs. AD's checked thru Bi-Weekly 2006-25. Reinstalled all panels, carpets and seats. Installed a new Aft Fire extinguisher, Checked FWD Fire Extinguisher, Next inspection due in 30 days. Cleaned interior and washed exterior, Check ran Aircraft, Leak and operational checks satisfactory @ this date and time. I Certify that this Aircraft has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy Condition @ this date and time.-----END-----  
A/P Name: Mark May *Mark May*      I.A. # 505069248 A&P      Date: 12/11/06

### Logbook Entry

Cessna 421C S/N: 335 Hobbs Time: 6214.0 N#: 521RM Date: 12/15/06

Removed and Replaced pilot's PTT switch. P/N: 611-4302. Pilot's PTT switch op-tests normal.

Pertinent details of the repair are on file at this repair station under Work

Order No. 2016 FR Date 12/15/06 Signed: *[Signature]*

For: **AOG-ASAP AVIONICS Inc.**  
CRS 00AR682Y  
Front Range Airport

*5-25-07* Hobbs 3265.5  
Removed Rt engine due to making metal sent to Ramon C. Neek  
*A:P 2035849*

*6-9-07* Hobbs 3265.5  
Installed new engine S/N 604003 in Rt position Regrease  
all ok good  
*C. Neek A:P 2035849*

Jam and Smudge Free Printing  
Use Avery® TEMPLATE 5164™



N521RM

10/20/06



**ATLANTIC**

New Castle County Airport

120 Old Churchmans Rd.

New Castle, DE 19720

Hobbs: 3166.80

---

Removed L/H master brake cylinder and installed new seals. Reinstalled master brake cylinder and bled system. Brake Ops check good. -END-



---

William J. Jennings A&P 569702167 IA



Cincinnati  
Airframe

N#521RM Make CESSNA  
Model 421C 3184.4 hobbs

Installed new left wing position lamp, P/N W1290-28 & repaired lower cabin door snubber attach point assembly. Ops. checked.-----

A handwritten signature in black ink that reads "Steve Gullett". The signature is written in a cursive style with a horizontal line underneath it.

Steve Gullett AP2668934IA 10-27-06

ViaJet Aircraft LLC  
15053 Airport Drive  
Burlington, WA 98233  
(360) 428-7015

N521RM Cessna 421C Serial #421C0335 Hobbs: 3223.5hrs

- Cleaned connectors on remote slaving box and secured wires. Replaced airframe deice pressure and vacuum lines on both the left and right engines. Tested surface deice system and found right deice solenoid valve stuck open. Lubed solenoid shaft and cycled valve. Removed left and right engine fire bottles and sent Kelly Aerospace Inc. for servicing. Reinstalled fire bottles and repaired ground wire on right side. Pressure lubed right engine throttle cable. Installed new TIT probe on the right engine. Installed new exhaust tail pipes on left and right engines from Knisley Welding Inc. Repaired left engine tail pipe exhaust tunnel by riveting in a stainless steel patch. Adjusted right and left propeller deice brush blocks. Installed overhauled fuel pressure regulator from RAM Aircraft and test ran/ leak checked. Serviced MLG shock struts with nitrogen. Programmed Hoskins fuel totalizer for "fill up" amount.

*-This aircraft/component is approved for return to service.-*

ACTT:3223.5  
12/26/2006

  
Craig Scamehorn AP5329806491A

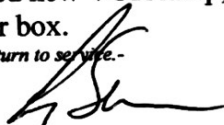
ViaJet Aircraft LLC  
15053 Airport Drive  
Burlington, WA 98233  
(360) 428-7015

N521RM Cessna 421C Serial #421C0335 Hobbs: 3237.2hrs

- Installed new auto pilot lamps, installed nav 1/2 switch lamp, removed defective prop sync servo, installed new dimmer slide type switch, installed new VOR lamp, and installed new altitude pre-selector box.

*-This aircraft/component is approved for return to service.-*

ACTT:3237.2  
02/22/2007

  
Craig Scamehorn AP5329806491A

ViaJet Aircraft LLC  
15053 Airport Drive  
Burlington, WA 98233  
(360) 428-7015

N521RM Cessna 421C Serial #421C0335 Hobbs: 3260.4hrs

- Serviced air-conditioning, installed new left main tire and tube, and touched up paint per owners request.

*-This aircraft/component is approved for return to service.-*

ACTT:3260.4  
04/27/2007

  
Craig Scamehorn AP5329806491A

ViaJet Aircraft LLC  
15053 Airport Drive  
Burlington, WA 98233  
(360) 428-7015

N521RM Cessna 421C Serial #421C0335 Hobbs: 3277.6hrs

- Troubleshoot air-conditioning system, found leaking right evaporator. Sent to Kelly Aerospace for overhaul. Installed new nose wheel bearings, installed new #5 and #6 CHT probes on the right engine. Dynamically balanced right propeller. Repaired ground wire on left engine fire detection probe.

*-This aircraft/component is approved for return to service.-*

ACTT:3277.6  
06/29/2007

  
Craig Scamehorn AP5329806491A

Office  
MAX<sup>®</sup>