

May 2001 thru Dec 2009

	ARTEX AIRCRAFT SUPPLIES, INC. 14005 Ford Rd. #11 Austin, TX 78752 (512) 678-7129 FAX 512-678-7131
LOG BOOK ENTRY	9/28/07
E.L.T. BATTERY REPLACEMENT DATE	SEPT / 2006

#4



# AIRFRAME MAINTENANCE RECORDS

Registration No. N777BF  
Serial No. 421B-0315



## AIRFRAME MAINTENANCE RECORDS

Log No. 4

Aircraft Registration No. N777BF

Model Cessna 421B

Serial No. 421B-0315

254/752-8381

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

FAX 254-752-3307

1-800-445-9713

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8-15-01 N777BF  
REPLACED R/H INBD.AUX FUEL CELL WITH  
A NEW PART FROM AERO TECH SERVICES.

RANDALL L. ANDERSON  
A&P 2124292

*Randall L. Anderson*



RAM Aircraft, Limited Partnership • Waco Regional Airport  
Cessna 421B-0315 N777BF

Airframe Total Time: 3989.0  
Hour Meter: 2214.0  
Date: 05-22-01

On above referencenced aircraft, installed RAM overhauled engines S/N L-267107-R and R-267087-R with previously overhauled propeller. Installed RAM/FAA/PMA 1719-3 synchrophase system. Installed new right propeller control cable. See 337 and attached form 8110-3. Installed Shadin Fuel Flow Indicating Systemper STC SA5796SW. Transducer installation per STC SE5726SW. Installed Alcor range-marked EGT gauge P/N 46128 per STC SA522SW. Replaced left and right engine EGT probes and leads. Installed red silicone impregnated fiberglass baffle material on each engine. FAA-PA replacement baffles. C/W AD 2000-01-16, para (g) by removal of the exhaust system from the slip joints aft. Installed new Knisley exhaust slip joints P/N K9910314-1, left S/N 87288, right S/N 87277. Inspected and re-installed left and right engine exhaust turbo inlet elbow P/N 9910379-19, no S/N. Installed new turbo bypass elbows P/N K5155156-5, left S/N 89546, right S/N 87650. Installed new left and right exhaust flex joint P/N 5155157-1, left S/N 83161, right S/N 93751. Installed new left overboard tailpipe P/N K5155156-3, S/N 8122. Installed new right overboard tailpipe P/N K5155156-4 S/N 95346. Installed new left engine outboard riser P/N K5155156-204, S/N 87430, inboard riser P/N 5155156-205, S/N 87104, crossover P/N K9910379-15 S/N 76189 and elbow P/N K9910379-17, S/N 87330. Installed new right engine outboard riser P/N K5155156-207, S/N 85451, inboard riser P/N K5155156-213, S/N 84922, crossover P/N K9910379-16, S/N 77163 and elbow P/N K9910379-18, S/N 63261. Replaced left and right wastegate and valve assy's. Installed overhauled turbochargers P/N 408610-9001, left S/N BGO11680, right S/N B1021822. Re-inspection per paragraph (g) due each 2500 hours TIS or 12 years, whichever occurs first. Next visual inspection per para (b) due in 50 hours TIS or 30 calendar days, whichever occurs later. Next removal and visual inspection per para (c) due within 5 years. C/W para (d) by inspection of the outboard engine beams and canted bulkheads. Repaired left outboard beams I/A/W RAM Dwg. 2544 and form 8110-3 dated 5-3-01. Inspected left and right engine firewalls and found no distortion or overheating. Re-inspection per paragraph (d) due each 500 hours TIS. C/W para (e) by pressure check and inspection of left and right exhaust system. Re-inspection per para (e) due each 12 calendar months. Para (f) N/A per no multi-segment V-band clamps installed. Installed new tachometer, re-marked manifold pressure gauge, airspeed indicators and 3-in-1 gages per STC SA5878SW and SA00514SW. See 337. Static system tested per FAR 91.411, para A 2. (Leak check of system only.) Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III on each engine. Fire extinguisher bottles removed and hydrostatic tested and re-installed per Service Manual. Installed improved engine cooling baffles per STC SA4592SW. Installed overhauled left and right engine fuel selector valves S/N 0056 and S/N 0059. Installed new pressurization ducts P/N CM3211-10B in left and right wings from nacelle to cabin. C/W AD 84-26-02 per replacement of air filters. RAM Aircraft recommends air filters to be replaced every 300 hours or annual with mandatory log entry required. Installed overhauled wet vacuum pumps on left and right engine, left S/N PE5758 and right S/N PE38948. Installed vortex generators on the wings and rudder and a strake on the outboard side of each engine nacelle. Increased gross weight to 7579 pounds and ramp weight to 7680. Inserted FAA Approved Aircraft Flight Manual Supplement into AFM and increased rudder travel to 32 degrees and remarked airspeed indicators, per STC SA00514SE, Option 2. Aircraft is airworthy and is approved for return to service for engine run-in procedures and modifications performed. Pertinent details on file under work order no. 5043.

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

Total Time: 3992.8  
Hour Meter: 2217.8  
Date: 5-29-01

Aircraft test flights complete under work order no. 5043 and aircraft is airworthy and approved for return to service.

*Robert Franklin*  
RAM Aircraft, Limited Partnership, 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



El Reno Airpark • Hanger #4 • El Reno, Oklahoma  
(405) 262-5444

Base Coat 570-513 C.WHITE JET GLO

Trim Color W10490 SILVER ACRY GLO  
W10497 GREEN ACRY GLO  
8K6F0892K BLUE DUPONT



El Reno Airpark • Hanger #4 • El Reno, Oklahoma  
(405) 262-5444

Make 421 Model \_\_\_\_\_  
N N101DF SN \_\_\_\_\_

The aircraft identified above was painted in accordance with current FAR's. All flight controls were balanced in accordance with current manufacturers recommendations and is approved for return to service.

Signed [Signature]  
A 512349573 Date 06 / 29 / 01


**ROCKET AIRCRAFT LLC**  
Carlsbad California 760-603-1784

CESSNA 421B N101DF TOTAL TIME:4052.4 TACH TIME :2277.4 DATE 12-07-01

Installed Rosen Sun Visors in accordance with STC # SA2650NM, drawing list RC400-00DL Revision A, dated 8/84. Installed Airstair Door Saver in accordance with STC # SA2440SW, drawing list 1033, Revision H, dated 4/29/85. Installed new Air Conditioning Louver Outlet Vents p/n 100-2M and Bezels p/n 154G. Serviced Air Conditioning system with 3.5 lbs of R-12 Freon Refrigerant. Replaced all (qty 7) light dimmer potentiometers with new p/n CM3535-1 in pedestal. Replaced Light Dimming Transistor p/n MJE3055 for co-pilots instrument panel. Remove Strobe Light Flasher p/n 70-0075-1, s/n 3182M and send to THE GYRO HOUSE for overhaul (see 8130-3 tag, work order 86541), re-install and function test ok. Replaced all Knobs on Engine Control Levers with new p/n 0861224-1, 086234-1, 086233-1. Replaced Switch for aft cabin reading light with new p/n J20125-3. Replaced all (qty 5) Static wicks with new p/n 16165. Replaced all Camlocks on fold down engine cowlings with Stainless Steel p/n 40S5-\_S stud, 4002-GSgrommet, R4G split retaining ring. Replaced Camlocks p/n 27S-\_S stud, 2600-SW split retaining ring on fuselage nose avionics removable cover. Replaced Main Tire with new Goodyear 650-10 8 ply Flight Special II. Repacked wheel bearings with Aeroshell #5 Grease. Serviced Hydraulic Brakes with 5606 Fluid.

Dennis L. Maze [Signature] Mechanic 485587801A Date 1-25-02


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**ROCKET AIRCRAFT LLC**  
*Carlsbad California 760-603-1784*

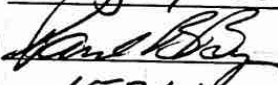
CESSNA 421B N101DF      TOTAL TIME:4059.1      TACH TIME :2286.1      DATE 01-21-02

Installed O&N Wing Nacelle Locker Fuel Tank and Transfer System in accordance with STC # SA 2541CE, drawing list ON-43000 revision B dated January 24, 1989. Inserted O&N Airplane Flight Manual Supplement dated 6/27/89 into FAA Approved Airplane Flight Manual. Installed new Air conditioner Evaporator Covers ( p/n 5114534-25 RH and 5224534-26 LH).

Dennis L. Maze  Mechanic 485587801A Date 1-25-02

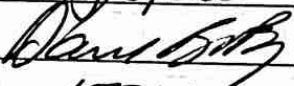
*N101DF*

Altimeter/Static and altitude Reporting equipment systems have been tested and inspected per F.A.R. 91.411 and Part 43 appendix E and F Calibrated to 35,000 FT.

Date May 3, 2002 Able Avionics  
 Signed  16644 Roscoe Blvd.  
 Van Nuys, CA 91406  
 WO# 15761 Repair Sta. YA2R312L

*N101DF*

Transponder(s) have been tested and inspected and found to comply with F.A.R 91.413 and Part 43 Appendix F&E.c

Date May 3, 2002 Able Avionics  
 Signed  16644 Roscoe Blvd.  
 Van Nuys, CA 91406  
 WO# 15761 Repair Sta. YA2R312L

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TOTALS brought forward from previous page				

**PABAS AVIONCS**  
**FAA Approved Repair Station No. BV3R411L**  
*Carlsbad California 760-443-2424*

**CESSNA 421B N101DF TOTAL TIME:4095.2 TACH TIME :2320.2 DATE 05-20-02**

Installed KN64 DME in accordance with Manufacturer's installation Manual No. 006-00144-0006 Revision 6 dated April 97. Filed FAA Form 337 this date. Revised Weight and Balance and Equipment List to reflect this change. This installation has been tested and inspected and is approved for return to service.

Repairman *J. Eichmann* Certificate No. 2592990 Date 5/20/02

**Cessna 421 N101DF**  
 Installed Alpine CD Changer with Sony Sub-woofer and Bose Speakers. Installed Ameri-Kink AK551-9 voltage converter for music system. Equipment installed and ground tested in accordance with manufactures installation manual and AC43-13-1B and AC43-13-2A.

This aircraft was inspected in accordance with applicable maintenance rules and current FAA Regulations. With regards to this work performed, this aircraft is approved for return to service.

Able Avionics F.A.A. Repair Station YA24312L  
 16644 Roscoe Blvd.  
 Van Nuys, CA 91406  
 (818)779-0265

Paul B. Byrne Date  
*Paul B. Byrne* 6/12/02

**Cessna 421 N101DF**  
 Removed KLN89B GPS and installed KLN94 GPS as a direct replacement, flight test, 337 and FAA Approved Flight Manual Supplement required for "IFR" use (en-route, terminal and non-precision approaches). Removed KNS80 Rnav and KY196 Com. Installed Bendix/King KX155A Nav/Com with KN72 Nav converter for interface with existing HSI. Installed Bendix/King KLN90B GPS for VFR USE ONLY. Installed Shadin AMS2000 altitude alerter. Equipment installed and ground tested in accordance with manufactures installation manual and AC43-13-1B and AC43-13-2A.

This aircraft was inspected in accordance with applicable maintenance rules and current FAA Regulations. With regards to this work performed, this aircraft is approved for return to service.

Able Avionics F.A.A. Repair Station YA24312L  
 16644 Roscoe Blvd.  
 Van Nuys, CA 91406  
 (818)779-0265

*Paul B. Byrne* Date  
Paul B. Byrne 6/12/02

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**ROCKET AIRCRAFT LLC**

*Carlsbad California 760-603-1784*

CESSNA 421B N101DF TOTAL TIME:4095.2 TACH TIME :2320.2 DATE 6-3-02

Annual inspection Completed per FAR 43 appendix D . Checked the ELT per FAR 91.207 and found airworthy. Replaced the ELT Battery, new replacement due date June 2004.

The Following Airworthiness Directive complied with: AD 2000-01-16 paragraph b visual inspection, no defects found. Next visual inspection per paragraph b due in 50 hours TIS or 30 calendar days which ever occurs later.

Inspection Details: RH and LH Main Landing gear drag links bushings and bolts worn excessively. Replaced the following parts: 2 ea p/n NAS464P7 bolt, 2 ea p/n 0841202-1 spacer, 2 ea p/n S132-10P17 bushing, 4 ea p/n NAS-10-045 bushing, 2 ea p/n NAS464P7-28 bolt, 2 ea p/ns132-10P24 bushing, 4 ea p/n 3019 grease fitting, 2 ea p/n 5041003-1 spacer, 2 ea p/n 5041003-2 spacer. Elevator trim bolt worn excessively, replaced with new NAS 464P3-8. LH prop De-Ice boot inoperative, installed new boot p/n SMR 1956-4 and one new brush p/n RAB40189. Installed new LH main tire McCreary Super Hawk 650-10-8SH. Found Stall warning heater inoperative. Install new element p/n 04407-02 24V. Found fuel leak at LH Aux fuel tank, determined transfer pump to be faulty, replaced with overhaul exchange Dukes pump p/n 4140-00-153. Found brake discs worn below serviceable limits, install new brake disc p/n 164-20306, and all new linings p/n 066-06600. New linings drag on new disc, installed shimmed both calipers with p/n 068-1280 (shims can be removed after new brakes are broken in). Found LH wing pressurization duct collapsed, replaced with new duct p/n CM3211-10B99.5. Found leaky fuel drain valve on LH tip tank, replaced with new valve p/n 79C1. Found leaky fuel drain valve at aft wing sump drain, replaced with new valve p/n S284913. Installed new O-rings p/n MS29513-232 on RH and LH Fuel caps. Found Oxygen leak at service port, installed new valve p./n CM3509-1. Charged system and leak checked ok. Installed King KN64 DME, utilized existing antennae, revised weight and balance and filed an FAA Form 337dated 5-20-02.

Aircraft has been ground run and is approved for return to service.

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

  
 \_\_\_\_\_  
 174387458 FA.

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Cessna 421  
HOBBS-  
TT-

Date- 6/24/02  
S/N-C421B0315

Replaced lamp P/N-1309 on ice light. Replaced compass, new compass P/N-C660501-0401. Replaced flux valve with new P/N-071-1052-00, installed S/N-U6388T and removed S/N-47777. Repaired FWD bay plastic frame. Replaced emergency exit door seal. Secured air conditioning compressor bracket by installing bushing on the support rear leg.

*Sergio R Alen*  
A&P 266635499  
Sergio R Alen

Cessna 421  
HOBBS-  
TT-

Date- 6/24/02  
S/N-C421B0315

Removed No. 2 engine fire extinguisher bottle and installed after being repair by Omnigas Systems, Inc. W.O. 110344 new bottle S/N-R848, cartridge life expires 5/2008. Replaced L/H wing locker fuel transfer pump with O.H. P/N-4140-00-153, removed S/N-9095 and installed S/N-8787.

*Sergio R Alen*  
A&P 266635499  
Sergio R Alen



**AVIONICS SALES**  
CORPORATION

2300 N.W 55<sup>th</sup> Court Ft. Lauderdale, FL 33309  
PHONE: (954) 485-9001 FAX: (954) 485-0979

N101DF Cessna 421 S/N: 421B0315

Removed Primus Radar System from aircraft.  
  
Installed ART-2000 Radar System and KMD-850 Multi-Function Display in accordance with all FAA regulations.  
  
Installed Pilot's Guide for KMD-850 and ART-2000 aboard aircraft.  
  
Weight and Balance not performed at this time due to negligible change in equipment weight.

Approval Signature: *[Signature]*  
Date: 7/9/02 FAA/JAA Approved Repair Station #VUIR9821


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R/H Engine  
HOBBS-  
TT-

Cessna 421

Date- 7/10/02  
S/N-C421B0315

Open cowling wash engine. Re-tightened all hoses. Replaced clamp on exhaust support FWD on crossover tube. Run engines and check for leaks and found it ok.

*A&P 266635499*

CESSNA 421B  
TAIL # N101DF  
S/N 421B-0315

TOTAL TIME:4002.8  
TACH TIME : 2227.8  
DATE 8-15-01

Re-covered interior seats with GARRET LEATHER, Berkshire 852 Sterling Leather dye lot #68544, tested material for vertical flammability requirements, see test results from Flame-Out Inc dated 4/28/01. Replaced the foam in interior seats using a combination of the following materials: SKANDIA, INC. DAX Graphite/Poly Foam, 47ILD, Lot #11280-D47 (See vertical flammability test results WO #56944-00 dated 12/12/00) and SKANDIA, INC DAX Graphite/Poly 20ILD W/Scrim lot #02221-D20SR, treated at SKANDIA, Inc, ref treatment #SKFP65006, (See vertical flammability test results under WO # 65006 dated 06/06/01), and SKANDIA , Inc. DAX Graphite/Poly 26 ILD, Lot #05111-D26, (see vertical flammability test results under WO #64354-01 dated 05/22/01). Covered interior window frames and overhead console and fabricated aft cabin curtain partition with Theme Park Flyer Piece #T0454, dye lot #81660, tested material for vertical flammability requirements, see FAA Form 8110-3 dated 3/20/01. Replaced baggage compartment fabrics with MARION AIRCRAFT Grospoint Grey p/n 507-G146-G02, dye lot #631, tested material for vertical flammability requirements, see FAA Form 8110-3 dated 06-07-01. Recovered Glare Shield with Hemisphere int'l vinyl part #210762 Greystone FR, DL #23399AV, tested for flammability requirements, see FAA 8110-3 dated 04/09/99. Installed new seat belts by BELT MAKERS INC., FAA Repair Station #YL3R002M, see Work Order Certification #34544R dated 8/2/01

I Certify that all of the above materials meet or exceed the FAA requirements of FAR 27.853 (a) Appendix F Part I (a) (ii).

*(Signature)*  
Signature

title



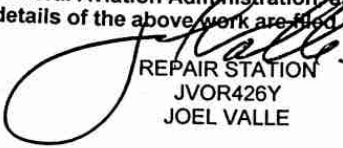
571-60-6501  
pilot's certificate no.

8/13/02  
date



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 <div style="text-align: center;">   <b>J.V. Aircraft Maintenance</b>                      12802 S.W. 139th Avenue Miami, FL 33186 Tel: 305-238-3358                 </div>				
Reg: N101DF Date: 08/26/2002 Hobbs Time: 2373.7 Tach Time: N/A Removed auto pilot computer and control head to be sent to the avionics shop. Reinstalled after the shop did repairs. OP'S CHECKED OK. All of the work identified above was complied with in accordance with the applicable chapters of the airframe/ engine maintenance manual and current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the above work are filed under shop order number 02-4553.				
 REPAIR STATION JVOR426Y JOEL VALLE				

**A/C: CESSNA 421B S/N: 421B0315 REG: N101DF**  
**HOBBS TIME: 2402.3 T/T: 4177.3 DATE: 09/16/02**

REMOVED AND REPLACED L/H MAIN TIRE S/N 1008W00274 IAW MM CH 4-46-48,50-51. JACKED AIRCRAFT AND PERFORMED NUMEROUS GEAR CYCLES NORMAL AND EMERGENCY WITH PILOT. - GEAR CHECK OK AT THIS TIME. PARALLEL BOTH ALTERNATORS IAW MM CH. 14-10F (A-M) OPS CHECK OK AT THIS TIME. APPLIED GOODYEAR BOOT DRESSING ON BOOTS AS NEEDED. COMPLIED WITH ENGINE AD 2001-01-16 PARA B EXHAUST VISUAL INSPECTION, NO DEFECTS FOUND THIS DATE. NEXT INSPECTION DUE AT 2452.2 OR 30 DAYS WHICHEVER OCCURS LAST.

**ALL WORK WAS PERFORMED IAW CESSNA AND CONTINENTAL MAINTENANCE MANUALS AND APPROVED METHODS AND TECHNIQUES ACCEPTED IN FAR 43.131A & B.**  
 09/16/02      **MIKE DENNING**      A&P 2649570      *Mike Denning*

**A/C: CESSNA 421B S/N: 421B0315 REG: N101DF**  
**HOBBS TIME: 0000.0 T/T: 4203.1 DATE: 11/15/02**

**\*\*\*\*\*HOBBS METER CHANGE\*\*\*\*\***  
 REMOVED AND REPLACED FAULTY AIRCRAFT HOBBS METER WITH NEW P/N 100690 MODEL 873. THE OLD METER READS 2428.1 AT TIME OF REMOVAL. AIRFRAME TOTAL TIME AT THIS DATE ENTRY RECORDED AT 4203.1 LEFT AND RIGHT ENGINES TSMOH 214.1 LEFT AND RIGHT PROPELLERS TSMOH 505.1. SERVICED LEFT AND RIGHT BRAKES WITH MIL-5605. REMOVED AND REPLACED BOTH MAIN TIRES P/N 6.50-10-8TT IAW MM 4-11. INSTALLED CESSNA 421 STAINLESS SCREW AIRFRAME KIT.

**ALL WORK WAS PERFORMED IAW CESSNA AND CONTINENTAL MAINTENANCE MANUALS AND APPROVED METHODS AND TECHNIQUES ACCEPTED IN FAR 43.131A & B.**  
 11/15/02      **MIKE DENNING**      A&P 2649570      *Mike Denning*

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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A/C: CESSNA 421B S/N: 421B0315 REG: N101DF  
 HOBBS TIME: 53.2 T/T: 2456.3 DATE: 01/03/03  
 4256.3

REMOVED AND REPLACED ENGINE COWLING CAMLOCK WITH NEW STUD P/N 40S5-4S (10) EACH, 40S5-5S (15) EACH, AND 40S5-6S (15) EACH, GROMMET 4002-GS (40) EACH, AND CAMLOCK SPLIT RING P/N 40G26-1.

ALL WORK WAS PERFORMED IAW CESSNA AND CONTINENTAL MAINTENANCE MANUALS AND APPROVED METHODS AND TECHNIQUES ACCEPTED IN FAR 43.131A & B.

01/03/03 MIKE DENNING A&P 2649570 *Mike Denning*

A/C: CESSNA 421B S/N: 421B0315 REG: N101DF  
 HOBBS TIME: 109.2 T/T: 4312.3 DATE: 04/01/03

COMPLETED 100 HOUR INSPECTION ON AIRFRAME THIS DATE. LUBED ALL CONTROLS, PULLYS, BELLCRANKS, CABLES AND CHAINS. REMOVED AND REPLAVED FILTER p/n 294501-0101. REPLACED RIGHT TIRE AH6.50 X 108TT, TUBE, AND NUTS AN363-524 WITH NEW. CHECKED ALL CABLE TENSIONS. REMOVED AND REPLACED RUSTED HARDWARE AS NEEDED. REMOVED, INSPECTED AND CHECKED ELT IAW FAR 91.207 AND FOUND AIRWORTHY. BATTERY DUE DATE CHECKED TILL JUNE 2004. DRESS AND PAINT PROPS. AFTER INSPECTION AIRCRAFT WAS TEST FLOWN AND ALL SYSTEMS INDICATE NORMAL AT THIS TIME.

ALL WORK WAS PERFORMED IAW CESSNA ANDCONTINENTAL MAINTENANCE MANUALS AND APPROVED METHODS AND TECHNIQUES ACCEPTED IN FAR 43.131A & B. ALL APPLICABLE AD'S RESEARCHED AND COMPLIED WITH THIS INSPECTION.

09/16/02 MIKE DENNING A&P 2649570 *Mike Denning*

A/C Cessna 421B S/N: 421B0315 REG: N101DF  
 Hobbs: 178.0 Total Time: 4382.1 Date: 07/28/03

Performed 100 hour inspection on airframe this date IAW Cessna service manual checklist Chapter 2. Removed and replaced upper and lower beacon bulbs with new. Removed and replaced left and right brake hoses with new. Removed and replaced ELT battery with new battery with new P/N 4520130 and ELT June '04 checked ELT IAW FAR 91.207 and found airworthy. Dress and paint props. Lubed gear. Jacked aircraft and performed 6 normal and 2 emergency gear cycles—all normal at this time. Replaced missing airframe screws #10, #8 with new stainless. Lubed all flight controls. Removed and replaced both main left and right brake linings with new p/n 066-06600. Repacked both main bearings with Aeroshell #5. Serviced brakes with 5606 hydraulic fluid. Applied Goodyear boot dressing on de-ice boots. After inspection, aircraft was washed and test flown and all systems indicate normal at this time.

All work was performed IAW Cessna Maintenance manual and approved methods and techniques accepted in FAR 43.13A & B. All applicable AD's researched and complied with this inspection.

07/28/03 Mike Dening A&P 2649570 *Mike Denning*

MODEL:	Cessna 421B	DATE :	08/01/03
REGISTRATION:	N101DF	TACH :	179.0
S/N:	0315	TTSN :	4382.1
Airframe annual inspection completed this date, found in airworthy condition, and returned to service.			
SIGNATURE <i>Wesley R. McCutchen</i>		A&P # : 15063321A	

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/Model: CESSNA 421B

Serial No. 421B0315

Time: 181.5



Reg No.: N101DF

Date: AUGUST 5, 2003

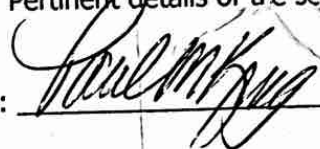
**Log Book Entry**

- 1) REINSTALLED SHEAR PIN FOR PITCH SERVO.

The appliance on this operation has been repaired or tested and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the service are on file at this repair station #SD4R514M.

Work Order: 65637

Inspector: **493 INSP.**

Authorized Signature: 

F.A.A. Certified Repair Station SD4R514M

Banyan Air Service 1635 NW 51st Place Ft. Lauderdale, FL 33309 Phone: 954.491.3170 Fax: 954.491.6958

Make/Model: CESSNA 421B

Serial No. 421B0315

Time: 187.7



Reg No.: N101DF

Date: AUGUST 14 2003

**Log Book Entry**

- 1) CLEANED AND RESEATED CONNECTOR FOR #2 VOR INDICATOR. OPERATION CHECKS GOOD.
- 2) REMOVED, REPAIRED, REINSTALLED DME KN-64, P/N 066-1088-00, S/N 1814.
- 3) REMOVED AUTOPILOT COMPUTER CA-530FD, P/N 41120-1028, S/N 423 AND INSTALLED S/N 289. AUTOPILOT ALTITUDE HOLD OPERATION CHECKS GOOD.

The appliance on this operation has been repaired or tested and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the service are on file at this repair station #SD4R514M.

Work Order: 65674

Inspector: **493 INSP.**

Authorized Signature: 

F.A.A. Certified Repair Station SD4R514M

Banyan Air Service 1635 NW 51st Place Ft. Lauderdale, FL 33309 Phone: 954.491.3170 Fax: 954.491.6958

**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

Reg. No.: **N101DF**  
 Date: **08/15/03**  
 W/O No.: **40955**  
 Page: **1**

Make: **Cessna**  
 Model: **421V**  
 Serial No. **421B0315**  
 Hours **Hobbs 187.7**



**Log Book Entry**

**Summary of work accomplished.**

Installed overhauled left center fuel tank P/N 5026002 S/N A1412.  
 Installed overhauled left inboard fuel tank P/N 5026002-7 S/N RU1103.  
 Service tanks with fuel and performed leak check.  
 8/15/03.

**Approval for Return to Service**

All work has been performed in accordance with the applicable manufacturer's maintenance instructions and functionally checked for proper operation. The item identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature:  Henry A. Roe Inspector

**FAA Certificated Repair Station WD4R618M**  
 1635 NW 51<sup>st</sup> Place Fort Lauderdale, Florida 33309 Phone 954 491 3170 Fax 954 491 1612

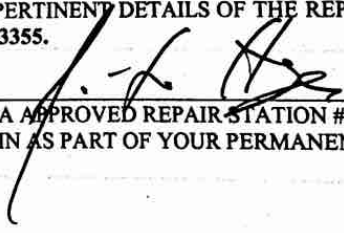
**AIRFRAME ENTRY**

Reg: N101DF Make: CESSNA Model: 421B Serial No: 421B0315 Hobbs Time: 201.3

1. INSTALLED CUSTOMER SUPPLIED NEW AIR CONDITIONING BELT P/N 3V400. OPERATIONAL CHECK WAS GOOD. WORK PERFORMED IN ACCORDANCE WITH CESSNA 421B SERVICE MANUAL CHAPTER 13.
2. REMOVED AND REPLACED RIGHT MAIN LANDING GEAR TIRE. OLD TIRE P/N 30854 S/N B3M64DO2 OFF, NEW TIRE P/N 30854 S/N 21061278 ON. SERVICED TIRE WITH 70 PSI AIR. WORK PERFORMED IN ACCORDANCE WITH CESSNA 421B MAINTENANCE MANUAL CHAPTER 32 AND CHAPTER 2.

**MAINTENANCE RELEASE**

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER #83355.

DATE: **8/18/03** SIGNED BY:  FOR  
**EAGLE AVIATION INC** FAA APPROVED REPAIR STATION #FEHR859D  
**2861 AVIATION WAY** RETAIN AS PART OF YOUR PERMANENT RECORDS  
**WEST COLUMBIA, SC 29170**



**PRECISION AEROSPACE TECHNOLOGIES INC.**

**CESSNA 421B \* N101DF \* S/N: 421B0315 \* SEPTEMBER 8, 2003 \* HOUR METER: 216.9**

REPLACED DEFECTIVE RIGHT AUX FUEL TRANSFER PUMP GROUND WIRE, SYSTEM OPS CHECKED GOOD. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4209.

**SCOTT HOLT**  
  
 CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
**CESSNA 421B \* N101DF \* S/N: 421B0315 \* OCTOBER 3, 2003**

Page 1

INSTALLED OWNER FURNISHED WINDSHIELD DE-ICE PUMP P/N 6508092-1 LOT NUMBER LT03-11630 AND CLEANED HOLES IN DE-ICE DISTRIBUTION LINES, SYSTEM OPS CHECKED OKAY. REPLACED LEFT MAIN TIRE WITH OWNER FURNISHED NEW GOODYEAR FLIGHT CUSTOM III 6.50 X 10 8 PLY TIRE P/N 06-06100-3 S/N 31221004. REMOVED LEFT AND RIGHT ELEVATORS FOR REPAIR. REPLACED CENTER HINGE BRACKETS WITH NEW BRACKETS P/N 083000-54 & 083000-55. REPLACED R/H OUTBOARD HINGE BRACKET WITH SERVICEABLE BRACKET P/N 083000-63. REPLACED RIGHT HAND OUTBOARD HINGE BRACKET ASSEMBLY WITH SERVICEABLE ASSEMBLY P/N 083000-180 ON HORIZONTAL STABILIZER. REINSTALLED LEFT AND RIGHT ELEVATORS AFTER REPAIRS. CHECKED TRAVELS AND FREEDOM OF MOVEMENT, ALSO REPLACED CENTER AND OUTBOARD HINGE BOLTS WITH NEW BOLTS P/N AN4-11. REPLACED 5 LOOSE RIVETS WITH OVERSIZE BLIND RIVETS ON LEFT TOP SIDE OF HORIZONTAL STABILIZER. PATCHED TAIL AND WING DE-ICE BOOTS AS NEEDED. OPS CHECKED GOOD. REMOVED LEFT AND RIGHT FUEL SUMPS, CLEANED DEBRIS FROM SUMPS AND REINSTALLED. LEAK CHECKED OKAY. REPAIRED R/H FUEL PUMP WIRING AS REQUIRED. OPS CHECK SYSTEM REPEATEDLY AND FOUND NO DEFECTS. LEFT ENGINE OIL PRESSURE INDICATES HIGH. VISUALLY INSPECTED OIL LINES AND OIL PRESSURE RELIEF VALVE, ALL CHECKED OKAY. REMOVED AND TESTED LEFT OIL TEMP/PRESSURE GAGE USING DEAD WEIGHT TESTER, GAGE INDICATED CORRECTLY. REINSTALLED GAGE AND LEAK TESTED, NO FURTHER ACTION TAKEN AT THIS TIME.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4237.

SCOTT HOLT

CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
**CESSNA 421B \* N101DF \* S/N: 421B0315 \* OCTOBER 10, 2003**

REMOVED FLOOR PANELS AND AFT PRESSURE BULKHEAD PANEL TO ACCESS TRIM SYSTEM CONTROLS AND CABLES. CHECKED OPERATION OF SYSTEM, LUBED PULLEYS. REINSTALLED REMOVED PANELS.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4237.

SCOTT HOLT

CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**

**CESSNA 421B \* N101DF \* S/N: 421B0315 \* OCTOBER 31, 2003 \* HM: 264.0**

REMOVED LEFT PROP & REINSTALLED SAME AFTER REPAIR BY MID-AMERICA PROPELLER, REFERENCE THEIR WORK ORDER No. 2700. REPAIRED INOP R/H LANDING LIGHT RETRACT ASSEMBLY BY CLEANING CAM BOX CONTACTS, OPS CHECKED OK. INSTALLED NEW RUDDER TRIM TAB BOLT P/N NAS464P4-8 AND BUSHING P/N S1003-9A WITH NEW NUT & NEW COTTER PIN, OPS CHECKED OK.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4256.

SCOTT HOLT

CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**

**CESSNA 421B \* N101DF \* S/N: 421B0315 \* JANUARY 16, 2004 \* HM: 298.6**

REPAIRED LOOSE R/H FORWARD INTERIOR PANEL. INSTALLED NEW OUTSIDE AIR TEMP PROBE P/N 0813601-8, OPS CHECKED OK.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4300.

SCOTT HOLT

CRS # P90R564Y

**SUB-TOTALS** this page

**TOTALS**—Carry forward to next page

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
CESSNA 421B \* N101DF \* S/N: 421B0315 \* FEBRUARY 26, 2004 \* HM: 310.7

REPLACED CABIN DOOR SEAL WITH NEW P/N 991007-3. INSTALLED REPLACED RIGHT AUX TRANSFER FUEL PUMP WITH OVERHAULED P/N A8150-B S/N 83354 FROM CRS No. RV3R829L, REFERENCE THEIR WORK ORDER No. 12260. INSTALLED TWO NEW LANDING GEAR ROD BOOTS P/N 991011-1 AND PERFORMED GEAR RETRACT TEST, OPS CHECKED OK. INSTALLED OVERHAULED RIGHT ALTERNATOR P/N ALV-9510 S/N 2T000076, OPS CHECKED OK. REPAIRED COLD SOLDER CONNECTIONS ON PANEL LIGHTING CONTROL BOARD, OPS CHECKED OK. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4339.

SCOTT HOLT  
CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
CESSNA 421B \* N101DF \* S/N: 421B0315 \* APRIL 27, 2004 \* HM: 416.0

REMOVED RIGHT ENGINE FOR REPAIR DUE TO INTERNAL DAMAGE AND METAL CONTAMINATION FOUND UPON REMOVAL OF STARTER DRIVE. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4403.

SCOTT HOLT  
CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
CESSNA 421B \* N101DF \* S/N: 421B0315 \* MAY 21, 2004 \* HM: 416.0 \* TTAF: 5124.2

REINSTALLED RIGHT ENGINE AFTER REPAIR BY RAM AIRCRAFT, REFERENCE THEIR ENGINE LOG ENTRY DATED 05-14-04. REINSTALLED RIGHT PROPELLER AFTER REPAIR BY CRS No. PI4R441M, REFERENCE THEIR WORK ORDER No. 14359. COMPLIED WITH AD 2000-01-16 PARA (b) DUE EACH 50 HOURS TIS OR 30 CALENDAR DAYS, WHICHEVER OCCURS LATER, NEXT DUE @ HM: 466.0 OR 6-20-04, WHICHEVER OCCURS LATER NO DEFECTS NOTED AT THIS TIME. ELT REMOVED AND RETURNED TO MANUFACTURER THIS DATE BY OWNER FOR UPDATE, FABRICATED AND INSTALLED PLACARD STATING, "ELT NOT INSTALLED" ON THE INSTRUMENT PANEL. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4403.

SCOTT HOLT  
CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
CESSNA 421B \* N101DF \* S/N: 421B0315 \* JUNE 7, 2004 \* HM: 438.6

REMOVED RIGHT ALTERNATOR P/N ALV-9510 S/N 5E000022 AND INSTALLED RIGHT ALTERNATOR P/N ALV-9510 S/N 2T000076 AFTER REPAIR BY CRS No. MO6R900J, REFERENCE THEIR WORK ORDER No. 7166, ALTERNATOR OPS CHECKED OK. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4447.

SCOTT HOLT  
CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
CESSNA 421B \* N101DF \* S/N: 421B0315 \* APRIL 27, 2004 \* HM: 416.0

REPLACED MISSING VORTEX GENERATOR AND PAINTED TO MATCH AIRCRAFT. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4427.

SCOTT HOLT  
CRS # P90R564Y



**Modified  
Aircraft  
Accessories  
Inc.**



Work Order 7166

800 Brooks Forrest Rd.  
Brooks, KY 40109  
Repair Station #MO6R900J

(502) 957-6312  
(800) 605-2113  
Fax: (502) 957-6217

CUSTOMER INFORMATION	UNIT INFORMATION
Customer: <u>Precision Aerospace Technology</u> <u>1123 Batesville Blvd</u> <u>Batesville, AR. 72501</u>	Part Number: <u>ALV-9510</u>
Date Received:	Serial Number: <u>2T000076</u>
Date Repaired: <u>05-20-04</u>	Volts: <u>24V</u> Amps: <u>100A</u>
Preliminary Inspection: <u>Alternator for inspection</u>	Manufacturer: <u>Prestolite</u>
Progressive Inspection: <u>Alternator needs Stator</u> <u>Replaced</u>	Hidden Damage: <u>None</u>
	Work Performed: <u>Replaced Stator in</u> <u>accordance with Manuf.</u> <u>Spec. - OEA</u>
	Work Performed By: <u>James Kelly</u> Inspected By: <u>James Kelly</u>

Maintenance release statement: The appliance identified above was repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order No. 7166

Date 05-20-04 Signed James Kelly  
 For Modified Aircraft Accessories, Inc., 800 Brooks Forest Road, Brooks, Kentucky 40109 Repair Station #MO6R900



FAA Form 8130-3 (6-01)

Manufacturer must cross-check and certify with applicable technical data.

Statements in Blocks 14 and 15 do not constitute an approval for return to service.

It is important to understand that the existence of this document does not automatically constitute approval of the work performed by the repair station. It is the responsibility of the repair station to ensure that the work is performed in accordance with the applicable technical data and that the work is inspected and approved by the repair station.

17. Name (Typed or Printed): **KENNETH E. WYSOCKI SR., OVARF**  
 22. Date (MM/DD): **02/20/2004**

15. Approval/Certificate No.: **10012996**

14. Certifies the items identified above were manufactured in conformity to:  
 14 CFR 43 Return to Service  
 Other regulation specified in Block 13

13. Part Number: **340**  
 Description: **42 BELT V**  
 Part Number: **3V400**  
 Description: **42 BELT V**

12. Serial No.: **376645**  
 11. Quantity: **1**  
 10. Quantity: **1**

9. Part Number: **340**  
 Description: **42 BELT V**

8. Part Number: **3V400**  
 Description: **42 BELT V**

7. Part Number: **340**  
 Description: **42 BELT V**

6. Part Number: **3V400**  
 Description: **42 BELT V**

5. Part Number: **340**  
 Description: **42 BELT V**

4. Part Number: **3V400**  
 Description: **42 BELT V**

3. Part Number: **340**  
 Description: **42 BELT V**

2. Part Number: **3V400**  
 Description: **42 BELT V**

1. Part Number: **340**  
 Description: **42 BELT V**

1. Authorizing National Aviation Authority/Country: **FAA/UNITED STATES**  
 2. AUTHORIZED RELEASE CERTIFICATE TAG  
 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG  
**691836**

QTY: 1  
 U/N: EA  
 DESC: BELT V

42  
 691836

ITEM: 42 PN: 3V400  
 ORDER: 691836SN/LOT: 2003

EWLY  
 OHC

is carried to the  
 Number: **900J**  
**104**  
 cal data.

Work Order 7166

12  
 13  
 17

JIT INFORMATION

**ALV-9510**

**27000076**

**100A**  
 Amps:

Date Received: \_\_\_\_\_

Date Repaired: **02-11-04**

Preliminary Inspection:  
**Alternator OK for overhaul**

Progressive Inspection:  
**Alternator needs Bearings, Bushes, Stator, Rectifier, O-Ring, and seal**

Manufacturer **Prestalite**

Hidden Damage:  
**None**

Work Performed:  
**Bearings, Bushes, Stator, Seal, O-Ring, and Rectifier in accordance with Manuf. Spec. - OEA**

**MAJOR OVERHAUL**  
 Repair Station #:  
**MO6R900J**

Work Performed By:  
**James Self**

Inspected By: **James Self**

Maintenance release statement: The appliance identified above was repaired and inspected in accordance with Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this repair station under Work Order No. 7166

Date 02-11-04 Signed James Self

For Modified Aircraft Accessories, Inc., 800 Brooks Forest Road, Brooks, Kentucky 40109 Repair Station #MO6R900J

List of Parts Installed  
in Components

Modified Acft. Acc., Inc.  
800 Brooks Forrest Rd.  
Brooks, KY. 40109  
CRS# MO6R900J

Part Number

Description

Quantity

ALV-10125

Buster

2

X-3626A

Bearing

1

X-41086

Bearing

1

XA-744A2

O-ring

1

XA-7441

Seal

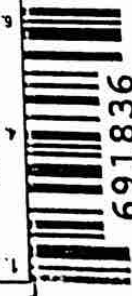
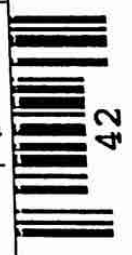
1

Manufacturer

ITEM: 42  
PN: 3V400  
ORDER: 691836SN/LOT: 2003

QTY: 1  
U/M: EA

DESC: BELT V



atus/Work  
EWLY  
OHC

is carried  
ct to the  
Number:  
F006

cal dat:  
LO

AUTHORIZED RELEASE CERTIFICATE  
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3 Form Tracking Number  
691836

1. Approving National Aviation Authority/Country: 2

FA/UNITED STATES

4 ORGANIZATION  
Cessna Aircraft Company  
Cessna Parts Distribution Dept. 702  
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Impo Number: 376645  
6. Item: 7. Description: 8. Part Number: 9. Eligibility: 10. Quantity: 11. Serial/Part Number: 12. Status/Work:  
42 BELT V 3V400 340 1 2003 N/W

13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.  
340,401,402,404,414,421  
PO# 000910

14. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in a condition for safe operation.  
 Non-approved design data specified in Block 13.  
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work. The items are approved for return to service.

15. Authorized Signature: [Signature]  
16. Approval No.: 10012902  
20. Authorized Signature:  
21. Approval/Certificate No.:  
17. Name (Typed or Printed): KENNETH E. WYSOCKI SR.  
18. Date (m/d/yr): 02/20/2004  
22. Name (Typed or Printed):  
23. Date (m/d/y):

User/Installer Responsibilities  
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

ITEM: 10  
 ORDER: 674014SN/LOT: 2Q/02  
 PN: 9910011-1  
 QTY: 1  
 U/M: EA  
 DESC: BOOT




1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>674014</b>	
4. ORGANIZATION Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract Number: 3682			
6. Item: 10	7. Description: BOOT	8. Part Number: 9910011-1	9. Eligibility: 335	10. Quantity: 1	11. Serial/Batch Number: 2Q/02
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL 335,340,414,421  PO# 000437					
14. Certifies the items identified above were manufactured in conformity to:					
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in b Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that the items are approved for return to service.			
15. Authorized Signature: <i>William Austin</i>		16. Approval/Authorization No.: 100129CE		20. Authorized Signature:	
17. Name (Typed or Printed): WILLIAM AUSTIN, ODARF		18. Date (m/d/y): 01/23/2004		21. Approval/Certification:	
<p align="center"><b>User/Installer Responsibilities</b></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p>					

ITEM: 10  
 ORDER: 674014SN/LOT: 2Q/02  
 PN: 9910011-1  
 DESC: BOOT  
 QTY: 1  
 U/M: EA



1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 674014	
4. ORGANIZATION: Cessna Aircraft Company Cessna Parts Distribution Dept. 702 5800 E Pawnee, Wichita, KS 67218		5. Work Order/Contract/Number: 3682			
6. Item: 10	7. Description: BOOT	8. Part Number: 9910011-1	9. Eligibility: 335	10. Quantity: 1	11. Serial/Batch Number: 2Q/02
12. Status: N					
13. Remarks: AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL 335,340,414,421 PO# 000437					
14. Certifies the items identified above were manufactured in conformity to:					
<input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that the items are approved for return to service.			
15. Authorized Signature: <i>William Austin</i>		16. Approval/Authorization No.: 100129CE		20. Authorized Signature:	
21. Approval/Certification:		17. Name (Typed or Printed): WILLIAM AUSTIN, ODARF		18. Date (m/d/y): 01/23/2004	
22. Name (Typed or Printed):		23. Date (m/d/y):		24. Date (m/d/y):	
<p align="center"><u>User/Installer Responsibilities</u></p> <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> <p align="center">Installer must cross-check eligibility with applicable technical data.</p>					
FAA Form 8130-3 (6-01)				NSN: 0052-004	

1. <b>U.S.A..</b>		2. <b>FAA FORM 8130-3</b> AIR WORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No. <b>7166</b>	
4. Organization <b>Modified Aircraft Accessories Inc.</b> <b>800 Brooks Forrest Road</b> <b>Brooks, KY 40109</b> <b>CRS.#MO6R900J</b>				5. Work Order, Contract, or Invoice Number. <b>7166</b>		
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work
<b>1</b>	<b>Prestalite alternator</b>	<b>ALV-9510</b>	<b>V</b>	<b>1</b>	<b>2T000076</b>	<b>NEWLY OHC</b>
13. Remarks <b>SEE WORK ORDER / NEWLY OVERHAULED &amp; CERTIFIED</b>						
<i>Limited Life parts must be accompanied by maintenance history including total time/total cycles since new.</i>						
14. <input type="checkbox"/> New <input checked="" type="checkbox"/> Newly Overhauled Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above 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		16. FAA Authorization No.	20. Authorized Signature 		21. Certificate Number <b>MO6R900J</b>	
17. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed): <b>JAMES SCHREINER</b>		23. Date <b>02/10/04</b>	

10,000 920  
12,000 1120

1. Approving National Aviation Authority/Country:  
**FAA/UNITED STATES**

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Ref. No.  
ARTEX 16208 RS  
Page 1 of 1

4. Organization  
Artex Aircraft Supplies, Inc.  
14405 Keil Road  
Aurora, Oregon 97002 USA

5. Work Order/Contract/Invoice Number:  
INVOICE: 0093943

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	ELS 10 Main Assembly	453-0125 Rev. H	N/A	1	A0002	Repaired
2	Last Entry .....	.....	.....	.....	.....	.....

### 13. Remarks

Reprogrammed ELT to - N101DF. Replaced G-switch. Installed battery pack (customer request). All work performed is recorded on Work Order A 10478. All work performed in accordance with ARTEX Repair Station Manual 570-2222 Rev. 12 (07 January 2004). Tested unit per specified operational parameters. Unit found to be in full compliance with specifications.

Note: Battery pack expires: AUG/2006

### 14. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in condition for safe operation.
- Non-approved design data specified in Block 13.

### 19. 14 CFR 43.9 Return to Service Other regulation specified in Block 13

Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed):

23. Date (m/d/y):

Gary J. Weiss

JQ6R648N  
06/08/2004

### User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworth Block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification in accordance with the national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01)

\*Installer must cross-check eligibility with applicable technical data

**SERVICEABLE PART**  
Customer: *Paul & Nancy McIlwain*  
Ser. No.: *A0002*  
Part Name: *453-0125*  
Date: *6/4/2004*  
Order No: *A10478*  
Signed: *G. J. Weiss*  
ARTEX  
FAA Approved Repair Station JQ6R648N  
14405 Keil Road N.E.  
Aurora, OR 97002  
(503) 678-7929  
560-0001

I certify that the Static Pressure Sy Instrument(s), and Automatic Pressure A System, have been tested as required by FAI Appendix E and F.  
 Static System Test Date 6-5-04 To  
 #1 ALT. P/N 8408-35 S/N  
 #2 ALT. P/N LA-71-11 S/N  
 ADC/Encoder P/N 428-2003 S/N  
 Pertinent Details are on file at this agency  
 Work Order # 4447  
 Signature \_\_\_\_\_  
 Precision Aerospace Technologies, Inc.  
 305 Runway Road • Batesville, AR 72501  
 CRS # P90R564Y

Altimeter Correction Chart				Serial Number <u>793610</u>		Altimeter	Actual
Encoder Within		Altimeter	Actual	Encoder Within		Indication	Altitude
Up	Down	Indication	Altitude	Up	Down	Indication	Altitude
✓	✓	100	100	✓	✓	14,000	13920
			-1000			16,000	15920
			0			18,000	17920
			500			20,000	19920
			1000			22,000	21920
			1500			25,000	23920
			2000			30,000	29920
			3000			35,000	34920
			4000			40,000	
			6000			45,000	
			8000			50,000	
			10,000				
			12,000				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 35000 P/N LA-71-11  
 Technician: [Signature] Date: 6/5/04  
 Form 15 CRS #P90R564Y

A/C: Cessna 421B S/N: 421B0315 REG: N101DF  
 Hobbs: 451.5 Total Time: 4654.6 Date: 06/10/04 TSMOH: 665.6

Reinstalled ELT on 06/10/04. Part #452-0114 REV D. ELT battery expires AUG 2006. ELT Test checked good.

Stephen Smart 429450597 [Signature]

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
 CESSNA 421B \* N101DF \* S/N: 421B0315 \* JUNE 15, 2004

REPAIRED INOP R/H TACH BY RE-TERMINATING COLD-SOLDERED WIRING CONNECTIONS AND REPLACING R/H TACH GENERATOR P/N EM800 S/N AT-15400, OPS CHECKED OK. RE-SEALED L/H TIP TANK DRAIN WITH NEW MS29513-020, LEAK CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4447.

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
 CESSNA 421B \* N101DF \* S/N: 421B0315 \* JUNE 25, 2004

SERVICED AIR CONDITIONER WITH TWO CANS FREEZE 12 REFRIGERANT, OPS CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER ~~4447~~ <sup>SH</sup> 4477.  
 RECORDS MOVED TO WORK ORDER NO. 4472

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
 CESSNA 421B \* N101DF \* S/N: 421B0315 \* AUGUST 10, 2004

INSTALLED NEW FORWARD & AFT AIRSTAIR DOOR CABLES P/N S111561-22 & P/N S111508-59. SERVICED BRAKE SYSTEM WITH MIL-H-5606 FLUID AND BLED BOTH BRAKES, OPS CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4506.

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y



Pressure S.  
 Pressure A.  
 ed by FAR 9  
 04 To 3  
 S/N 10  
 S/N  
 3 S/N  
 agency up  
 inc.  
 72501

Up	Down	Indication	Actual Altitude	Encoder Within		Altimeter Indication	Actual Altitude
				Up	Down		
100	100	-1000	-990	100	100	14,000	13900
		0	-10			16,000	15990
		500	505			18,000	17990
		1000	980			20,000	19920
		1500	1480			22,000	21940
		2000	1975			25,000	24980
		3000	2970			30,000	29950
		4000	3970	✓	✓	35,000	34940
		6000	5960			40,000	
		8000	7950			45,000	
		10,000	9930			50,000	
✓	✓	12,000	11920				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 35000

P/N 8140B-35

Technician: *[Signature]*

Date: 6/5/04

I certify that the Static Pressure S, Instrument(s), and Automatic Pressure Altitude Reporting System, have been tested as required by FAR 91.411, Part 43, Appendix E and F.  
 Static System Test Date 6-5-04 To 3500 Feet  
 #1 ALT. P/N 81400-35 S/N 10425  
 #2 ALT. P/N LA-71-11 S/N 79320  
 ADC/Encoder P/N 222-2002 S/N 121527  
 Pertinent Details are on file at this agency.  
 Work Order # 4447  
 Signature [Signature]  
 Precision Aerospace Technologies, Inc.  
 305 Runway Road • Batesville, AR 72501  
 CRS # P90R564Y

**This Transponder**  
 #1 Make KWG Model K776C S/N X6294  
 #2 Make KWG Model K776A S/N 102360  
 Has been tested and inspected and found to comply with Appendix F of Part 43 in accordance with FAR 91.413.  
 Work Order # 4447 Date 6-5-04  
 Signed [Signature]  
 Precision Aerospace Technologies, Inc.  
 305 Runway Road • Batesville, AR 72501  
 CRS # P90R564Y

Cessna 421B S/N: 421B0315 REG: N101DF TSMOH: 665.6  
 Hobbs: 451.5 Total Time: 4654.6 Date: 06/10/04

Reinstalled ELT on 06/10/04. Part #452-0114 REV D. ELT battery expires AUG 2006. ELT Test checked good.

Stephen Smart 429450597

[Signature: Stephen Smart]

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
**CESSNA 421B \* N101DF \* S/N: 421B0315 \* JUNE 15, 2004**

REPAIRED INOP R/H TACH BY RE-TERMINATING COLD-SOLDERED WIRING CONNECTIONS AND REPLACING R/H TACH GENERATOR P/N EM800 S/N AT-15400, OPS CHECKED OK. RE-SEALED L/H TIP TANK DRAIN WITH NEW MS29513-020, LEAK CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4447.

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
**CESSNA 421B \* N101DF \* S/N: 421B0315 \* JUNE 25, 2004**

SERVICED AIR CONDITIONER WITH TWO CANS FREEZE 12 REFRIGERANT, OPS CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER ~~4447~~ <sup>54</sup>

RECORDS MOVED TO WORK ORDER NO. 4472  
[Signature]

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y

**PRECISION AEROSPACE TECHNOLOGIES INC.**  
**CESSNA 421B \* N101DF \* S/N: 421B0315 \* AUGUST 10, 2004**

INSTALLED NEW FORWARD & AFT AIRSTAIR DOOR CABLES P/N S111561-22 & P/N S111508-59. SERVICED BRAKE SYSTEM WITH MIL-H-5606 FLUID AND BLED BOTH BRAKES, OPS CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4506.

SCOTT HOLT  
[Signature]  
 CRS # P90R564Y

### MAINTENANCE RECORD

Date: September 13, 2004	Page 1 of 1 Pages	Reg. No: N101DF
Aircraft: Cessna 421B	Serial #: 421B0315	Total time / HM: / 506.5

The below listed items were accomplished in accordance with Cessna 421 Service Manual, and other approved and acceptable data as applicable. Work order discrepancy numbers are shown in brackets [ ], followed, in bold, directly by AD notes, SB's, and/or task codes as applicable.

Work order PG-04-09656

[1001] Left engine vacuum pump gasket p/n 132309 replaced with new. Leak checks good at this time.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed   
Central Flying Service, Inc.  
1501 Bond Street, Little Rock, AR 72202

Phone: 800-888-5387, (501) 375-3245

CRS - HBKR587E  
FAX (501) 374-2150

### MAINTENANCE RECORD

Date: September 14, 2004	Page 1 of 2 Pages	Reg. No: N101DF
Aircraft: Cessna 421B	Serial #: 421B0315	Total time / HM: 4709.6 / 506.5
#1 Eng:	Serial #: 267107-R	Total time / TSO: 2999.8 / 720.6
#2 Eng:	Serial #: 267087-R	Total time / TSO: 2999.8 / 720.6
#1 Prop:	Serial #: 725396	Total Time: 1011.6
#2 Prop:	Serial #: 725358	Total Time: 1011.6

Heater HM: 172.1

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as applicable.

- [500] Annual inspection performed in accordance with 14 CFR, Part 43 Appendix D using Figure 2-7 Inspection Chart in the Cessna 421 Service Manual as an aid.
- [500] Aileron balance weights and supporting structure inspected.
- [500] Elevator balance weights and supporting structure inspected.
- [500] Left and right fuel system sediment bowls cleaned.
- [500] Nose wheel steering inspection complied with.
- [500] Main and nose gear tires inspected.
- [500] Main and nose gear wheel bearings inspected.
- [500] Windshields and cabin windows inspected.
- [500] Left and right engine oil separators cleaned.
- [450] New carbon monoxide detector installed in cockpit.
- [451] Portable fire extinguisher replaced. Removed s/n U-462690 and installed s/n V-437603. Next 6-year maintenance due October 2007.
- [452] Nose gear pivot bearings cleaned and lubricated. Nose gear steering cable tension adjusted.
- [453] Oxygen cylinder and regulator assembly replaced with an overhauled p/n 801365-14, cylinder s/n 792496, regulator s/n 403. Assembly was overhauled by AVOX, QX3R805L under their work order 089007.
- [454] Pressure cabin type A inspection complied with.
- [455] Forward wing spar web 1000-hour inspection complied with.
- [455] Wing and stub wing type B inspection complied with.
- [456] **AD 84-26-02 Paper induction Air Filters** complied with. Installed new left and right engine induction air filters p/n AM106735EA.
- [457] Left engine fuel injector nozzles cleaned.
- [460] **AD 2000-01-16 Exhaust System** paragraphs (b) and (d) complied with on right engine. Paragraph (b) due again in 30 calendar days or at 4759.6 hours total aircraft time whichever occurs later. Paragraph (d) due again at 5209.6 hours total aircraft time.

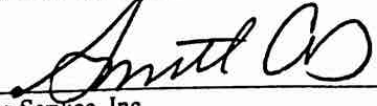
DATE	TOTAL TIME IN	TOTAL TIME SINCE	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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**MAINTENANCE RECORD**

Date: September 14, 2004 Page 2 of 2 Pages Reg. No: N101DF

- [461] AD 2000-01-16 Exhaust System paragraphs (b) and (d) complied with on left engine. Paragraph (b) due again in 30 calendar days or at 4759.6 hours total aircraft time whichever occurs later. Paragraph (d) due again at 5209.6 hours total aircraft time.
- [462] AD 72-14-08 Flexible Hose Assemblies paragraphs A and B complied with. Next compliance due at 4769.6 hours total aircraft time.
- [463] AD 90-02-13 Main Landing Gear paragraph (a) complied with. Found p/n 5141109-1 inner bearing installed in right main gear strut barrel. Installed new p/n 5141109-1 inner bearing in left main gear strut barrel. Repetitive inspections are no longer required.
- [464] AD 76-08-02 R2 Wing Tip Nose Cap found to be previously accomplished. Strobe lights have cover plates per paragraph C.
- [465] AD 87-21-02 R1 Fuel Filler Openings previously accomplished by installation of Shaw Aero fuel filler restrictor kit p/n 516-008 on 8/4/89.
- [468] AD 78-13-05 Improperly Installed Seats previously accomplished by compliance with Cessna ME78-17 on 6/12/78.
- [466] AD 97-01-13 Fuel, Oil and Hydraulic Hoses paragraph (a) complied with. Found no record of any Cessna p/n S51-10 hoses replaced between March 1995 and February 3, 1997.
- [471] Left and right vacuum relief valve filters replaced with new p/n B3-5-1. Central air filter replaced with new p/n AM1035351A.
- [058] Left engine alternator s/n A114752 replaced with an overhauled p/n ALV9510 s/n A-151596. Alternator was overhauled by Aero Electric, Inc., NV2R045L under their work order A-174252.
- [059] Left propeller governor s/n 000199 replaced with a new p/n D-20741-2, (DCFS290D9-F/T6), s/n 040032.
- [101] Deice boot s/n 0193 replaced with new p/n 5855BSW s/n 17474 on right prop.
- [151] Condenser motor replaced with a new p/n 9910155-1 s/n 1189.
- [152] Air conditioner condenser blower motor bracket replaced with a new p/n 5154007-7.
- [203] Installed new emergency gear handle chain cover p/n 5017565-3.
- [205] Copilot foul weather window replaced with new p/n LP-1155 CL.
- [226] Adjusted nose gear rigging i/a/w aircraft service manual.
- [227] Outflow valve s/n 42-109 replaced with an overhauled p/n 10-3310-14 s/n 112-269.
- [250] Rudder rear spar replaced with a new p/n 5133000-122. Installed new brackets p/n 5191526-4 and p/n 519526-5. Installed new rudder trim tab actuator boot p/n 5133016-2. Rudder balance was checked and found to be within limits. Installed new middle hinge bonding strap p/n MS25083-2AA6.
- [251] Elevator trim tab actuator replaced with an overhauled p/n 1260074-4 s/n QA493241. Actuator was overhauled by Kelly Aerospace Turbine Rotables, NV2R045L under their work order ALG-8201.
- [253] Right elevator removed for repair. Stop drilled cracks and fabricated and installed repair doubler i/a/w Cessna 421 Service Manual, Section 16-67/16-68, Figure 16-56. Elevator balance was checked and found to be within limits. Reinstalled elevator.
- [279] Fuel cap o-rings replaced with new.
- [280] Left aileron trim tab bolt replaced with new.
- [300] Pressurization duct in right wing center section replaced with new p/n CM-3213-10-120.
- [301] Cleaned battery box and reinstalled drain tube.
- [325] Right main wheel inboard bearing and race replaced with new p/n 90-8007 and p/n 07204.
- [326] Cleaned, inspected and re-sealed left and right brake calipers.
- [328] Left and right brake discs and linings replaced with new discs p/n 164-20306 and linings p/n 66-066.
- [329] Right main tire replaced with a new p/n 650C86-3 s/n 32551097.
- [331] Right inboard gear door attach bushing replaced with new NAS43HT3-86.
- [332] Right outboard gear door control rod replaced with new p/n 5041012-1.
- [375] Left main gear uplock hooks adjusted.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and a list of discrepancies and unairworthy items dated 9/14/04 has been provided for the aircraft owner or operator. Details are on file under work order PG-04-09519.

Signed   
 Central Flying Service, Inc.  
 1501 Bond Street, Little Rock, AR 72202

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E  
 FAX (501) 374-2150

07  
 90-05

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
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## MAINTENANCE RECORD

Date: September 14, 2004	Page 1 of 1 Pages	Reg. No: N101DF
Aircraft: Cessna 421B	Serial #: 421B0315	Total time / HM: 4709.6 / 506.5
#1 Eng:	Serial #: 267107-R	Total time / TSO: 2999.8 / 720.6

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as applicable.

[1001] Left alternator s/n A151596 replaced with overhauled p/n ALV9510, s/n E012120. Unit overhauled by Kelly Aerospace Power Systems, Approval/Certificate No. UT2R226L, under work order M460030.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed \_\_\_\_\_

Central Flying Service, Inc.

1501 Bond Street, Little Rock, AR 72202

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E

FAX (501) 374-2150

## MAINTENANCE RECORD

Date: September 14, 2004	Page 1 of 1 Pages	Reg. No: N101DF
Aircraft: Cessna 421B	Serial #: 421B0315	Total time : 4709.6

This aircraft has been inspected and has been found safe for intended flight in accordance with Special Flight Permit dated 9-14-04

Signed \_\_\_\_\_

Central Flying Service, Inc.

1501 Bond Street, Little Rock, AR 72202

Cleve D. Smith

Phone: 800-888-5387, (501) 375-3245

CRS - HBKR587E

FAX (501) 374-2150

**PRECISION AEROSPACE TECHNOLOGIES INC.****CESSNA 421B \* N101DF \* S/N: 421B0315 \* SEPTEMBER 23, 2004 \* HOBBS: 508.2**

CORRECTED ITEMS ON DISCREPANCY LIST PRESENTED TO AIRCRAFT OWNER DATED 9-14-04 AS FOLLOWS: INSPECTED ELT INSTALLATION, NO DEFECTS NOTED AT THIS TIME., ELT TESTED OK IN ACCORDANCE WITH FAR 91.207(d). REMOVED STROBE POWER SUPPLY FOR REPAIR, LABELED STROBE SWITCH "STROBE INOP". REPAIRED CORRODED R/H NACELLE AFT LOWER SKIN. REMOVED CD ENTERTAINMENT SYSTEM AND AMERI-KING AK551-9 VOLTAGE CONVERTER PREVIOUSLY INSTALLED WITHOUT APPROVED DATA BY PERSON OR PERSONS UNKNOWN TO THIS AGENCY, REVISED AIRCRAFT WEIGHT & BALANCE. PERFORMED CONFORMITY INSPECTION OF THE KX 155 NAVCOM, KN 72 NAV CONVERTER, SHADIN AMS 2000 ALTITUDE MANAGEMENT SYSTEM, KLN 90B GPS, AND KLN 94 GPS PREVIOUSLY INSTALLED WITHOUT APPROVED DATA BY PERSON OR PERSONS UNKNOWN TO THIS AGENCY; INSTALLED FAA APPROVED KLN 94 FLIGHT MANUAL SUPPLEMENT IN THE AIRCRAFT FLIGHT MANUAL, INSTALLED PLACARDS ON THE INSTRUMENT PANEL IN CLEAR VIEW OF THE PILOT STATING "KLN 90B GPS NOT APPROVED FOR IFR" & KLN 94 GPS NOT APPROVED FOR IFR", REFERENCE TWO FAA FORM 337's GENERATED THIS DATE FOR INSTALLATION DETAILS AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS WHICH ARE NOW A PART OF THIS AIRCRAFT'S MAINTENANCE/INSPECTION REQUIREMENTS.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4569.

SCOTT HOLT


CRS # P90R564Y

**CESSNA 421B \* N101DF \* S/N: 421B0315 \* DATE: 09-24-2004**

SATISFACTORILY COMPLETED A FUNCTIONAL FLIGHT EVALUATION OF THE BENDIX/KING KLN 94 GPS RECEIVER INSTALLATION IN THIS AIRCRAFT FOR IFR ENROUTE, TERMINAL, & NON-PRECISION APPROACH IN ACCORDANCE WITH AC20-138A PARAGRAPH 23(a) & (b). REMOVED PLACARD FROM INSTRUMENT PANEL STATING, "KLN 94 GPS NOT APPROVED FOR IFR".

PILOT: \_\_\_\_\_

CERTIFICATE NO: 429450597

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<b>PRECISION AEROSPACE TECHNOLOGIES INC.</b>				
<b>CESSNA 421B * N101DF * S/N: 421B0315 * SEPTEMBER 28, 2004 * HOBBS: 517.8</b>				
<p>INSTALLED NEW ELT BATTERY P/N 452-0114 WITH EXPIRATION DATE OF SEPTEMBER 2006. ELT TESTED OK IN ACCORDANCE WITH FAR 91.207(d).</p> <p>INSTALLED L/H STROBE POWER SUPPLY AFTER OVERHAUL BY CRS No. NV2R045L, REFERENCE THEIR WORK ORDER No. APS-24612, OPS CHECKED OK. REMOVED LABEL "STROBE INOP" FROM STROBE SWITCH.</p> <p>IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 4569.</p>				
				<p><b>SCOTT HOLT</b>                        CRS # P90R564Y</p>

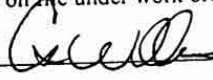
**MAINTENANCE RECORD**

Date: September 30, 2004	Page 1 of 1 Pages	Reg. No: N101DF
Aircraft: Cessna 421B	Serial #: 421B0315	Total time / HM:

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as applicable.

- [1003] Right voltage regulator adjusted. Ops check good on ground run.
- [1004] Left engine rpm adjusted. Ops check good on ground run.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service. Details are on file under work order PG-04-09787.

Signed   
 Central Flying Service, Inc. Phone: (501) 375-3245, (800) 888-5387  
 1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E  
 FAX (501) 374-2150

**DATE 2-16-2005 N101DF S/N 421C-0315 AIRCRAFT LOG**  
 Replaced left wing nacell fuel cell p/n 9910027-1 from Floats and fuel cells.  
 Manufactured 01-2005, leak and operational check good this time and date.END.  
 Wade Neiswender A&P507936757




**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
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## MAINTENANCE RECORD

Date; September 04, 2005

Page 1 of 2

Reg. #: 101DF

Aircraft: Cessna 421B	Serial #: 421B0315	Total Time: 4848.3	HM: 642.2
R.E.	Serial #: 267107-R	Total Time: 3138.5	TSO: 859.3
L.E.	Serial #: 267087-R	Total Time: 3138.5	TSO: 859.3
R.P.	Serial # 725396	Total Time: 1150.3	TSO: -0-
L.P.	Serial #: 725358	Total Time: 1150.3	TSO: -0-
Heater HM: 180.6			

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as applicable.

01. Annual Inspection performed in accordance with 14 CFR, Part 43 Appendix D using Figure 2-7 Inspection Chart in Cessna 421 Service Manual as an aid.
02. Overhaul Propellers (Memphis Prop. Shop)
03. Packed Wheel Bearings.
04. Replaced trim switch & P.T.T Pilot side.
05. Adjusted cable tension elevator auto pilot.
06. Replaced left Nav. Light Bulb & Tail Nav. Light Bulb
07. Waxed De-Ice Boots, Wings & Tail.
08. Repaired Sun Visor on Co-Pilots side.
09. Repaired Door Handle.
10. Adjust throttle lever & mixture levels at control quadrant.
11. Replaced cowling screws.
12. Serviced brakes with fluid and checked pads.
13. Repaired L.H. Alt. Light connector.
14. Replaced hose clamp in nose(heater blower assy.)
15. Touch up paint.
16. Polish glass.

## AIRWORTHINESS DIRECTIVES;

72-14-09 R1 - Flexible hose assemblies	CW	Every 60/Hrs	Due: 4908.3
76-13-07 - Fork Bolts			Due: 5000.
81-09-09 - Stewart Warner Heater		Every 500Hrs	Due: 259
84-26-02 - Paper Induction Filter		Every 500 Hrs.	Due: 5210

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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
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2000-01-16 - Exhaust System

CW by Insp.

I have inspected this Aircraft in accordance with Cessna Maintenance Manual and approve check list and completed a 100/Hour Inspection.

Mark Henley, A&P 432399276

*Mark Henley*  
September 04, 2005

I certify that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

TT: 4848.3 - HM: 642.2

*Russell Amos*  
Russell Amos IA 2643767  
Amos Flying Service Inc.

**Arrowhead Aviation, Inc.**  
**AIRFRAME**

Date: 11/08/2005	N101DF	Hobbs Meter: 680.6
TCM GTSIO-520-H	Serial #: 421B0315	Total Time: 4883.7
S/N:	A/C Type: Cessna 421B	TSMOH: 894.7

REMOVED AND REPLACED FUEL TRANSFER PUMP FOR NACELLE TANK ON LEFT WING. PERFORMED ENGINE RUN WITH NO LEAKS OR DEFECTS NOTED . AIRCRAFT RETURNED TO SERVICE.

*Mark Henley*  
MARK HENLEY 432399276 A&P

SUB-TOTALS this page

TOTALS—Carry forward to next page



Maintenance Release Tag

Precision Aerospace Tech  
Owner

NA Owner N#  
Ship in Owner A/C Type

King Mfr 066-1055-03 P/N

KMA-24 Model # 15312 Serial #

The component identified above was serviced and inspected in accordance with current Federal Aviation Administration Regulations and was found airworthy for return to service with respect to work performed..

19403 WRK 1-11-06 Date

*Boyer Chapman*  
Signed for CRS UQ2R223L  
Radio Ranch, Inc.  
10924 Hoover Rd.  
Rock Falls, IL 61071  
Phone 815-622-9000

Form YT1

Encoder Within	Actual Altitude	Altimeter Indication
100	1500	1505
100	2000	2010
100	3000	2995
100	4000	3985
100	6000	5970
100	8000	7980
100	10,000	9970
100	12,000	11960

Calibrated in accordance with FAR 43  
Calibrated within specifications up to: 28000

Technician: *[Signature]* Date: COPLOT

Altimeter Correction Chart			Serial Number: 10685				
Encoder Within		Actual Altitude	Altimeter Indication	Encoder Within		Actual Altitude	Altimeter Indication
Up	Down			Up	Down		
100	100	-1000	-1000	100	100	14,000	13910
		0	-15			16,000	15910
		500	500			18,000	17900
		1000	990			20,000	19930
		1500	1470			22,000	21940
		2000	1980	100	100	25,000	24960
		3000	2975			30,000	
		4000	3970			35,000	
		6000	5965			40,000	
		8000	7960			45,000	
		10,000	9930			50,000	
		12,000	11920				

Calibrated in accordance with FAR 43  
Calibrated within specifications up to: 25000

Technician: *[Signature]* Date: PILOT 6-8-06

Form 15

CRS #P90R564Y

NAEROSPACE TECHNOLOGIES INC.

\* S/N: 421B0315 \* JANUARY 17, 2006 \* HOBBS: 734.2

069-01034-0101 S/N 15312 & REINSTALLED SAME AFTER REPAIR BY CRS # ORDER # 19403, OPS CHECKED OK.  
MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. TESTS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE REGULATIONS. THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER # 19403.

SCOTT HOLT  
CRS # P90R564Y

This Transponder  
#1 Make KING Model KT76C S/N X6294  
#2 Make KING Model KT76A S/N 102360  
Has been tested and inspected and found to comply with Appendix F of Part 43 in accordance with FAR 91.413.  
Work Order # 19403 Date 6-8-06  
Signed *[Signature]*  
Precision Aerospace Technologies, Inc.  
305 Runway Road  
Batesville, AR 72501 CRS # P90R564Y Form 20

Encoder Within	Actual Altitude	Altimeter Indication
100	14000	13960
100	16000	15960
100	18000	17950
100	20000	19940
100	22000	21940
100	25000	24920
100	30000	
100	35000	
100	40000	
100	45000	
100	50000	

Calibrated in accordance with FAR 43  
Calibrated within specifications up to: 28000

Technician: *[Signature]* Date: COPLOT

Altimeter Correction Chart			Serial Number: 10685				
Encoder Within		Actual Altitude	Altimeter Indication	Encoder Within		Actual Altitude	Altimeter Indication
Up	Down			Up	Down		
100	100	-1000	-1000	100	100	14,000	13910
		0	-15			16,000	15910
		500	500			18,000	17900
		1000	990			20,000	19930
		1500	1470			22,000	21940
		2000	1980	100	100	25,000	24960
		3000	2975			30,000	
		4000	3970			35,000	
		6000	5965			40,000	
		8000	7960			45,000	
		10,000	9930			50,000	
		12,000	11920				

Calibrated in accordance with FAR 43  
Calibrated within specifications up to: 25000

Technician: *[Signature]* Date: PILOT 6-8-06

Form 15

CRS #P90R564Y

KMA 24 AUDIO PANEL P/N 069-01034-0101 S/N 15312 & REINSTALLED SAME AFTER REPAIR BY CRS # 2223L, REFERENCE THEIR WORK ORDER # 19403, OPS CHECKED OK.  
 IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 5096.

SCOTT HOLT  
 CRS # P90R564Y

I certify that the Static Pressure System Altimeter Instrument has been tested as required by FAR 91.411, Part 43, Appendix E and F.  
 Static System Test Date 6-8-06  
 to 25000 feet.  
 Pertinent details are on file at this agency under Work Order # 5095  
 Signature [Signature]  
 Precision Aerospace Technologies, Inc.  
 305 Runway Road  
 Batesville, AR 72501 CRS # P90R564Y  
 Form 17

This Transponder  
 #1 Make KING Model KT76C S/N X629A  
 #2 Make KING Model KT26A S/N 162360  
 Has been tested and inspected and found to comply with Appendix F of Part 43 in accordance with FAR 91.413.  
 Work Order # 5095 Date 6-8-06  
 Signed [Signature]  
 Precision Aerospace Technologies, Inc.  
 305 Runway Road  
 Batesville, AR 72501 CRS # P90R564Y Form 20

Altimeter Correction Chart				Serial Number <u>71306</u>			
Encoder Within		Actual Altitude	Altimeter Indication	Encoder Within		Actual Altitude	Altimeter Indication
Up	Down			Up	Down		
100	100	-1000	-990	100	100	14000	13960
		0	-10			16000	15960
		500	505			18000	17950
		1000	1005			20000	19940
		1500	1505			22000	21940
		2000	2010	✓	✓	25000	24920
		3000	2995			30000	
		4000	3985			35000	
		6000	5970			40000	
		8000	7980			45000	
		10,000	9970			50,000	
		12,000	11960				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 28000  
 Technician: [Signature] Date: COPILOT

Altimeter Correction Chart				Serial Number <u>10685</u>			
Encoder Within		Actual Altitude	Altimeter Indication	Encoder Within		Actual Altitude	Altimeter Indication
Up	Down			Up	Down		
100	100	-1000	-1000	100	100	14000	13910
		0	-15			16000	15910
		500	500			18000	17900
		1000	990			20000	19930
		1500	1470			22000	21940
		2000	1980	✓	✓	25000	24960
		3000	2975			30000	
		4000	3970			35000	
		6000	5965			40000	
		8000	7960			45000	
		10,000	9930			50,000	
		12,000	11920				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 25000  
 Technician: [Signature] Date: PILOT  
6-8-06

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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**MAINTENANCE RECORD**

Date: September 11, 2006

Page 1 of 1

Reg#: N101DF

Aircraft: Cessna 421B	Serial#: 421B0315	Total Time: 5116:3 HM: 910.2
R.E.	X Serial#: 267107-R	Total Time: 3406:5 TSO: 1127.3
L.E.	X Serial#: 267087-R	Total Time: 3406:5 TSO: 1127.3
R.P.	Serial#: 725396	Total Time: 1418:3 TSO: 268.0
L.P.	Serial#: 725358	Total Time: 1418.3 TSO: 268.0
Heater HM: 254		

76-13-0

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as possible.

01. Annual Inspection performed in accordance with 14CFR, Part 43 Appendix D using Figure 2-7 Inspection Chart in Cessna 421 Service Manual as an aid.
02. Replace ELT Battery – Due Sept. 08.
03. New Safety Valve Pressure Switch Filter.
04. Replaced gear bolts left and right main in accordance AD 76-13-07.
05. Replaced foul weather window right side.
06. Brake linings replace.
07. Left and Right main tires replace with Goodyear Flight Custom 650686-3
08. Packed Wheel Bearings.
09. Circuit Breakers checked for operation.
10. Service Blatter
11. Brake Fluid replaced.

**AIRWORTHINESS DIRECTIVES:**

72-14-09R1	Flexible Hose Assemblies	CW/ Due Every 60/Hrs
76-13-07	Fork Bolts	CW / Every 5000/Hrs.
81-09-09	Stewart Warner	Every 500/Hrs. — 250?
84-26-02	Paper Induction Filter	Every 500/Hrs Due: 5210 — 300 Per-AM
2000-01-16	Exhaust System	CW by Inspection

I have inspected this Aircraft in accordance with Cessna Maintenance Manual and approve check list and completed a 100/Hr Inspection.

*Mark Henley*  
 Mark Henley, A&P 432399276

September 11, 2006 N101DF TT 5116:3 Hobbs 910.2

I certify that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

*Russ Amos*  
 Russ Amos IA 2643767  
 AMOS FLYING SERVICE INC.  
 Batesville, Arkansas 72501

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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MAINTENANCE RECORD

Date: September 11, 2006      Page 1 of 1      Reg#: N101DF

Aircraft: Cessna 421B	Serial#: 421B0315	Total Time: 5116:3 HM: 910.2
R.E.	X Serial#: 267107-R	Total Time: 3406:5 TSO: 1127.3
L.E.	X Serial#: 267087-R	Total Time: 3406:5 TSO: 1127.3
R.P.	Serial#: 725396	Total Time: 1418:3 TSO: 268.0
L.P.	Serial#: 725358	Total Time: 1418.3 TSO: 268.0
Heater HM: 254		

76-13-07

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as possible.

01. Annual Inspection performed in accordance with 14CFR, Part 43 Appendix D using Figure 2-7 Inspection Chart in Cessna 421 Service Manual as an aid.
02. Replace ELT Battery – Due Sept. 08.
03. New Safety Valve Pressure Switch Filter.
04. Replaced gear bolts left and right main in accordance AD 76-13-07.
05. Replaced foul weather window right side.
06. Brake linings replace.
07. Left and Right main tires replace with Goodyear Flight Custom 650686-3
08. Packed Wheel Bearings.
09. Circuit Breakers checked for operation.
10. Service Batter
11. Brake Fluid replaced..

AIRWORTHINESS DIRECTIVES:

72-14-09R1	Flexible Hose Assemblies	CW/ Due Every 60/Hrs
76-13-07	Fork Bolts	CW / Every 5000/Hrs.
81-09-09	Stewart Warner	Every 500/Hrs. — 250?
84-26-02	Paper Induction Filter	Every 500/Hrs Due: 5210 — 300 Per RAM
2000-01-16	Exhaust System	CW by Inspection

I have inspected this Aircraft in accordance with Cessna Maintenance Manual and approve check list and completed a 100/Hr Inspection.

*Mark Henley*  
 Mark Henley, A&P 432399276

September 11, 2006 N101DF TT 5116:3 Hobbs 910.2

I certify that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

*Russ Amos*  
 Russ Amos IA 2643767  
 AMOS FLYING SERVICE INC.  
 Batesville, Arkansas 72501

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page

Date	Total Time In Service	Tach or Recording Meter Time
06-14-07	5234.3	1028.2



Cessna                      421B0315                      N101DF

On above referenced aircraft, installed RAM overhauled engines L-234846-R and R-267487-R and previously overhauled propellers with 386.0 hours SMOH. Replaced left and right engine EGT probes. Installed red silicone impregnated fiberglass baffle material on each engine. FAA-PMA replacement baffles. C/W AD 2000-01-16 by removal of the exhaust system from the slip joints aft. Installed the following exhaust system components:

	P/N	S/N		Replacement Due Date / Airframe TT
Left Engine:				
Turbo inlet	K9910379-19	157038	New	6-2019 / 7734.3
Inlet to wastegate clamp	2274-30	NSN	New	6-2019 / 7734.3
Turbo bypass elbow	K5155156-5	89546	Re-installed	5-2013/6489.0
Bypass to wastegate clamp	2271-200	NSN	New	5734.3
Flex joint	K5155157-1	83161	Reinstalled	5-2013/6489.0
Flex joint to turbo bypass clamp	2265-210-SH	NSN	New	6-2019/7734.3
Flex joint to tailpipe clamp	2265-210-SH	NSN	New	6-2019/7734.3
Tailpipe	K5155156-3	162266	New	6-2019/7734.3
Tailpipe clamp	2274-50	NSN	New	6-2019/7734.3
Left riser assy.	K5155156-205	157568	New	N/A
Elbow	K9910379-17	166915	New	N/A
Crossover	K9910379-15	162238	New	N/A
Right Riser	K5155156-204	150343	New	N/A
Wastegate	470830-9010	IDO00445	Rebuilt	6-2019/7734.3
Turbocharger	408610-9001	CCN01160	Overhauled	6-2019/7734.3
Slip Joint	K9910314-1	MSN	New	6-2019/7734.3

*Error 5734.3*

	P/N	S/N		Date / Airframe TT
Right Engine:				
Turbo inlet	K9910379-19	157041	New	6-2019/7734.3
Inlet to wastegate clamp	2274-30	NSN	New	6-2019/7734.3
Turbo bypass elbow	K5155156-5	87650	Re-installed	5-2013/6489.0
Bypass to wastegate clamp	2271-200	NSN	New	5734.3
Flex joint	K5155157-1	93751	Re-installed	5-2013/6489.0
Flex joint to turbo bypass clamp	2265-210-SH	NSN	New	6-2019/7734.3
Flex joint to tailpipe clamp	U84-210SH	NSN	New	6-2019/7734.3
Tailpipe	K5155156-4	95346	Re-installed	5-2013/6489.0
Tailpipe clamp	NH1000897-50	NSN	Reinstalled	9-2018/7616.3
Left riser assy.	5155156-213	NSN	*	N/A
Elbow	K9910379-18	63261	Re-installed	N/A
Crossover	K9910379-16	77163	Re-installed	N/A
Right Riser	5155156-207	NSN	*	N/A
Wastegate	470830-9020	IDO00008	Rebuilt	6-2019/7734.3
Turbocharger	408610-9001	WB-L0102	Overhauled	6-2019/7734.3
Slip Joint	K9910314-1	NSN	New	6-2019/7734.3

*Error 5734.3*

\* Cleaned, inspected, joints Re-swedged.

C/W para (b) by visual inspection and found to be serviceable. Next visual inspection per para (b) due in 50 hours TIS or 30 calendar days, whichever occurs later. **CONT. PAGE 1 OF 2**


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

2 of 2 C/W para (c) by removal and visual inspection of the right exhaust tailpipe and found to be serviceable at this time. Next removal and visual inspection per para (c) due each 12 calendar months and by installation of new left exhaust tailpipe. Next removal and visual inspection per para (c) due within 5 years. C/W para (d) by inspection of the outboard engine beams and canted bulkheads. Found airworthy at this time. Reinspection per para (d) due each 500 hours TIS. C/W para (e) by visual inspection and pressure test of left and right exhaust systems. System checked satisfactory at this time. Re-inspection per para (e) due each 12 calendar months. C/W para (f) by installing new multi-segment V-band clamps P/N 2271-200, due replacement each 500 flight hours. C/W para (g) by installing new overhauled and/or inspection of exhaust system from the slip joints aft. Repetitive compliance due at 2,500 hours TIS or 12 years, whichever occurs first. Compliance with para (g) due June 2019 or aircraft total time of 7734.3 hours whichever occurs first. Installed new Aeroquip integral firesleeved fuel and oil hoses meeting TSO-C53A Type D and TSO-C75 Type III on each engine. C/W AD 84-26-02 per replacement of air filter(s). RAM Aircraft recommends air filters to be replaced every 300 hours or annual with mandatory log entry required. Negligible weight and balance change. Aircraft is approved for return to service for the work performed. Pertinent details on file under project no. 3346.

*Stephen Wade*

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

<b>SUB-TOTALS</b> this page				
<b>TOTALS—</b> Carry forward to next page				



MAINTENANCE RECORD

Date: 8 November 2007

Page 1

Reg# N101DF

Aircraft: Cessna 421B Serial #: 421B0315 Total Time: 5337:1 HM: 1131:0  
 R.E: Serial #: 267487-R Total Time: 102:8  
 L.E: Serial #: 234846-R Total Time: 102:8  
 R.P: Serial #: 725396 Total Time: 1639:1 TSO: 488:8  
 L.P: Serial#: 725358 Total Time: 1639:1 TSO: 488:8  
 Heater HM: 256

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data as possible.

01. Annual Inspection performed in accordance with 14CFR, Part 43 Appendix D using Figure 2-7 Inspection Chart in Cessna 421 Service Manual as an aid.
02. Replaced ELT Battery - Due Oct 2009.
03. Replaced brake linings.
04. Replaced brake disk.
05. Replaced Right Main Tire & Tube.
06. Packed Wheel Bearings.
07. Circuit Breakers checked for operation.
08. Replaced Wing Ice Light Bulbs.
09. Replaced rear Nav. Light Bulb.
10. Replaced missing Cam Locks on Cowl.
11. Adjusted Clamp on right Spinner Prop.

CW AD 72-14-09R Flexible Hose Assemblies . Due every 60/HRS. Due 5397:1  
 CW AD 84-26-02 Paper Induction Filter. Due every 500/HRS Due 5837:1  
 AD 76-13-07 Fork Bolts. Not due Due every 5000/HRS  
 AD 81-09-09 Stewart Warner- Not due Due every 500/HRS  
 CW AD 2000-01-16 CW by Inspection

I have inspected this Aircraft in accordance with Cessna Maintenance Manual and approved check list and completed a 100/HR Inspection.

*Mark Henley* A&P 432399276  
 Mark Henley, A&P 432399276

8 November 2007 N101DF TT: 5337:1 HM: 1131:0

I certify this aircraft has been inspected in accordance with an ANNUAL Inspection and was determined to be in airworthy condition.

*Russ Amos*  
 Russ Amos IA 2643767


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>This Transponder</p> <p>#1 Make <u>King</u> Model <u>KT-76C</u> S/N <u>6294</u>                      #2 Make <u>King</u> Model <u>KT-76A</u> S/N <u>39087</u>                      Has been tested and inspected and found to comply with Appendix F of Part 43 in accordance with FAR 91.413.                      Work Order # <u>6225</u> Date <u>5-13-2008</u>                      Signed <u>M. Marshall</u>                      Precision Aerospace Technologies, Inc.                      305 Runway Road                      Batesville, AR 72501 CRS # P90R564Y Form 20</p>
				<p>I certify that the Static Pressure System Altimeter Instrument has been tested as required by FAR 91.411, Part 43, Appendix E and F.                      Static System Test Date <u>5-13-2008</u> to <u>25,000</u> feet.                      Pertinent details are on file at this agency under Work Order # <u>6225</u>                      Signature <u>M. Marshall</u>                      Precision Aerospace Technologies, Inc.                      305 Runway Road                      Batesville, AR 72501 CRS # P90R564Y Form 17</p>

Altimeter Correction Chart <u>Pilot</u>				Serial Number			
Encoder Within		Altimeter	Actual	Encoder Within		Altimeter	Actual
Up	Down	Indication	Altitude	Up	Down	Indication	Altitude
<u>+150</u>	<u>1-50</u>	<u>-1000</u>	<u>-990</u>	<u>+150</u>	<u>+150</u>	14,000	<u>14010</u>
		0	<u>+10</u>			16,000	<u>16020</u>
		500	<u>510</u>			18,000	<u>18010</u>
		1000	<u>1000</u>			20,000	<u>20040</u>
		1500	<u>1500</u>			22,000	<u>22040</u>
		2000	<u>2010</u>			25,000	<u>25060</u>
		3000	<u>3010</u>			30,000	
		4000	<u>4010</u>			35,000	
		6000	<u>6020</u>			40,000	
		8000	<u>8020</u>			45,000	
		10,000	<u>10000</u>			50,000	
		12,000	<u>12000</u>				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 251000'  
 Technician: M. Marshall Date: 5-13-2008  
 Form 15 CRS #P90R564Y

C. 7 \* HOBBS: 1063.5

NEYWELL SERVICE BULLETIN  
 WITH THE KDR-610 XM  
 IN THE KMD 850. INSTALLED  
 AT CI-420-1 XM WEATHER  
 SWI-D, REFERENCE FAA FORM  
 CONTINUED AIRWORTHINESS  
 REQUIREMENTS.  
 INSTALLED AN L(3)  
 LISTING OF A TRC497  
 805-10890-001, REFERENCE FAA  
 S FOR CONTINUED  
 NCE/INSPECTION

ME AFTER REPAIR BY CRS #

ED FOR RETURN TO SERVICE.  
 ORDANCE WITH APPLICABLE  
 AT THIS AGENCY UNDER WORK

ORDER NUMBER 5824.

Altimeter Correction Chart <u>Copilot</u>				Serial Number			
Encoder Within		Altimeter	Actual	Encoder Within		Altimeter	Actual
Up	Down	Indication	Altitude	Up	Down	Indication	Altitude
<u>+150</u>	<u>1-50</u>	<u>-1000</u>	<u>-1000</u>	<u>+150</u>	<u>+150</u>	14,000	<u>13970</u>
		0	<u>+10</u>			16,000	<u>15960</u>
		500	<u>500</u>			18,000	<u>17970</u>
		1000	<u>1000</u>			20,000	<u>19980</u>
		1500	<u>1510</u>			22,000	<u>21980</u>
		2000	<u>2000</u>			25,000	<u>24990</u>
		3000	<u>3000</u>			30,000	
		4000	<u>3990</u>			35,000	
		6000	<u>5990</u>			40,000	
		8000	<u>7980</u>			45,000	
		10,000	<u>9980</u>			50,000	
		12,000	<u>11980</u>				

Calibrated in accordance with FAR 43  
 Calibrated within specifications up to: 251000'  
 Technician: M. Marshall Date: 5-13-2008  
 Form 15 CRS #P90R564Y

SCOTT HOLT  
 CRS # P90R564Y

ork Order: 6061

h in specifications. Checked

o service. All leak checks,  
 aintenance manuals. Details of

Mike Haley  
 Precision Aerospace Technologies Inc.  
 CRS# P90R564Y

DA


### Precision Aerospace Technologies, Inc.

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) - (870) 251-2561 (Fax)

Make	Model	ACFT S/N	N #	HOBBS	TTAF	DATE
CESSNA	421B	421B0315	N101DF	1263.8	5469.9	OCT 22, 2008

1. CALIBRATED EGT GAUGE USING BARFIELD TEST BOX P/N 101-00901. GROUND RUN ACFT. OPS CHECKED GOOD.
2. REMOVED AND REPLACED COPILOT MIC SWITCH P/N 913B WITH NEW. REPAIRED GROUND WIRE TO PUSH TO TALK SWITCH AND MAP LIGHT. PUSH TO TALK AND MAP LIGHT OPS CHECKED GOOD AT THIS TIME.
3. TROUBLESHOT #1 TRANSPONDER INOP. FOUND FOREIGN OBJECT, A SMALL LIGHT BULB, WEDGED ON TOP OF CONNECTOR UNDER LIP OF RACK. REMOVED OBJECT REINSTALLED TRANSPONDER. OPS CHECKED GOOD AT THIS TIME.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6418.

MARK E. GIVANS  
  
 CRS # P90R564Y

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
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Maintenance Record

N101DF

September 12, 2008

Aircraft: Cessna 421B Serial #: 421B0315 TT: 5460:6 HM: 1254:5  
 R.E: Serial #: 267487-R TT: 271:8  
 L.E: Serial #: 234846-R TT: 271:8  
 R.P: Serial #: 725396 TT: 1762:6 TSO: 612:3  
 L.P: Serial #: 72538 TT: 1762:1 TSO: 612:3  
 Heater HM: 266:3

The below listed items were accomplished in accordance with Cessna 421 Service Manual and other approved or acceptable data:

1. Replaced battery – Gill G-244
2. Cowl Camlock Assemblies replaced.
3. Nose Wheel Bearing replaced P/N 13889.
4. Landing Gear Motor replaced P/N 9910002-3
5. Replaced brakes with Cleveland Wheels & brakes – Kit – Ram
6. Replaced Nose Tire.
7. Replaced both Main Tires.
8. Rebuilt door saver shock.
9. Repaired rear seats.
10. Bleed brakes and serviced system.
11. Waxed de-ice boots.
12. Replaced Fuel Conditioner P/N CMF 11167
13. Set Throttle Alarms.
14. Checked circuit breakers for operation.

CW AD 72-14-09R Flexible Hose Assemblies Due every 60/Hrs. Due at 5520:6  
 CW AD 84-26-02 Paper Induction Filter- Replaced Due every 500/Hrs  
 AD 81-09-09 Stewart Warner – not due at this time. Due at 766:3  
 AD 76-13-07 Fork Bolts no due. Due at 10116:3

I have inspected this aircraft in accordance with Cessna Maintenance Manual and approve check list and completed a 100/Hr. Inspection.

*Mark Henley A&P 432399276*  
 Mark Henley, A&P 432399276

September 12, 2008 N101DF TT: 5460:6 HM: 1254:5

I certify this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be airworthy.

*Russ Ames IA 2643767*


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DA



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

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

**Cessna S/N 421B 0315 N101DF**

Hour Meter: 1314.1  
Date: 02/06/2009

On above referenced aircraft, rigged left and right throttle cables. Calibrated fuel quantity system. Installed overhauled left tach generator P/N left 22A667 S/N AT2004. (See 8130-3 form.) Installed new starter vibrator P/N 10-357487-242 (see 8130-3). Installed EZ heat pads on both engine oil pans. (No STC or 337 required.) Repaired wiring for left de-ice light. Aircraft ground run-up checked satisfactory and is approved for return to service for maintenance performed. Pertinent details on file under work order 2653.

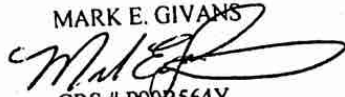
  
Air Impressions, Inc.  
CRS# AK6R541N

*Precision Aerospace Technologies, Inc.*

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) – (870) 251-2561 (Fax)

Make	Model	ACFT S/N	N #	HOBBS	DATE
CESSNA	421B	421B0315	N101DF	1329.9	FEB 16, 2009

- 1.) PERFORMED TRANSPONDER/ENCODER SYSTEM TEST ON #1 TRANSPONDER. CONDUCTED STATIC/PITOT SYSTEM OPERATION FROM 0 TO 20,000 FEET. VERIFIED ALTITUDE REPORTING OUT OF TOLERANCE AT UPPER ALTITUDES. SET ENCODER ADJUSTMENT AT 20,000 FEET AT HIGH END ADJUSTMENT. ALTITUDES NOW SHOW CORRECTLY THROUGH ENTIRE OPERATING RANGE OF ALTITUDES.
  - 2.) TROUBLESHOT #2 TRANSPONDER INOP. REMOVED #2 TRANSPONDER BENDIX/KING K1-76A P/N 066-1062-00, S/N 39087 FOR TESTING. FOUND TRANSPONDER NOT COMPLETELY SEATING IN RACK. OPENED UP TRANSPONDER CUTOUT SO TRANSPONDER CAN SEAT FARTHER BACK IN RACK. REINSTALLED #2 TRANSPONDER. OPS CHECKED GOOD AT THIS TIME.
  - 3.) REMOVED #1 COM/NAV BENDIX/KING KX-155A P/N 069-01032-0101, S/N 7095 FOR REPAIR. REINSTALLED REPAIRED BENDIX/KING KX-155A P/N 069-01032-0101, S/N 7095. OPS CHECKED GOOD AT THIS TIME.
  - 4.) REMOVED CO-PILOT TURN COORDINATOR P/N 1394T100-7Z, S/N 2105-587. INSTALLED OVERHAULED TURN COORDINATOR P/N 1394T100-7Z, S/N C08-11381. GROUND OPS CHECKED GOOD AT THIS TIME.
  - 5.) REMOVED #2 COM/NAV BENDIX/KING KX-155 P/N 069-01024-05, S/N 38006 FOR REPAIR. REINSTALLED REPAIRED BENDIX/KING KX-155 P/N 069-01024-05, S/N 38006. GROUND OPS CHECKED GOOD AT THIS TIME.
- IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6528.

MARK E. GIVANS  
  
CRS # P90R564Y

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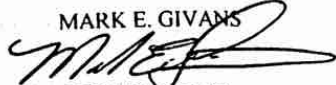
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

*Precision Aerospace Technologies, Inc.*

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) – (870) 251-2561 (Fax)

Make	Model	ACFT S/N	N#	HOBBS	TTAF	DATE
CESSNA	421B	421B0315	N101DF	1438.3	5644.4	JUN 12, 2009

1. ARTEX ELS-10 ELT P/N 453-0125 REV H, S/N A0002 REMOVED FROM AIRCRAFT ON JUNE 12, 2009 FOR REPAIR. PLACARD INSTALLED ON INSTRUMENT PANEL STATING "ELT NOT INSTALLED". IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6418.

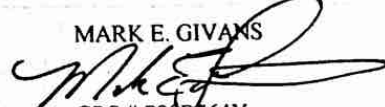
MARK E. GIVANS  
  
 CRS # P90R564Y

*Precision Aerospace Technologies, Inc.*

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) – (870) 251-2561 (Fax)

Make	Model	ACFT S/N	N#	HOBBS	TTAF	DATE
CESSNA	421B	421B0315	N101DF	1452.7	5658.8	JUN 22, 2009

1.) REMOVED AND REPLACED BELLY BEACON LAMP P/N GE1939X WITH NEW. OPS CHECKED GOOD AT THIS TIME.  
 2.) SERVICED R/H MAIN LANDING GEAR STRUT WITH NITROGEN.  
 3.) PARALLELED ALTERNATORS IAW CESSNA421B SERVICE MANUAL. OPS CHECKED GOOD AT THIS TIME.  
 4.) COMPLIED WITH SECTION (b) OF AD 2000-01-16 EXHAUST INSPECTION. NO DEFECTS NOTED AT THIS TIME.  
 5.) INSTALLED STC SA09472SC, THE CONVERSION OF THE EXISTING CESSNA AIR CONDITIONING SYSTEM FROM R12 TO R134a WITH AEROSPACE PRODUCTS INTERNATIONAL (API) KIT 96060512-001 IN ACCORDANCE WITH STEINBACH AND ASSOCIATES, INC TOP DRAWING LIST 96060010, REV F, DATED AUGUST 15, 2006 AND ENGINEERING ORDER 96060612, REV C, DATED SEPTEMBER 22, 2000. SEE FAA FORM 337 DATED JUN 12, 2009.  
 6.) TROUBLESHOT L/H ALTERNATOR INOP. REMOVED L/H ALTERNATOR. INSTALLED REPAIRED ALTERNATOR P/N ALV-9510, S/N 3M000017 AND INSTALLED NEW ALTERNATOR DRIVE GEAR ASSEMBLY P/N AEC646655. RAN AIRCRAFT, PARALLELED ALTERNATORS, OPS CHECKED GOOD AT THIS TIME.  
 7.) REMOVED CABIN VENTILATION BLOWER MOTOR. INSTALLED CUSTOMER SUPPLIED BLOWER MOTOR P/N 7841703001. OPS CHECKED GOOD AT THIS TIME.  
 8.) INSTALLED (2) MISSING VORTEX GENERATORS ON RT WING AND (5) MISSING VORTEX GENERATORS ON LT WING WITH NEW.  
 9.) INSTALLED NEW ARTEX ME406 ELT, S/N: 18813829, HEX ID: ADC6499D35DCB61 IN EXISTING ELT LOCATION. REMOVED "ELT NOT INSTALLED" PLACARD FROM PILOTS PANEL. REMOVED EXISTING ELT ANTENNA. INSTALLED NEW ELT ANTENNA P/N 110-338, S/N 289433 IN THE EXISTING LOCATION. REMOVED EXISTING REMOTE ELT SWITCH AND INSTALLED NEW ELT REMOTE SWITCH USING THE EXISTING WIRING. GROUND FUNCTION TEST OF ELT CHECKED GOOD AT THIS TIME. **ELT BATTERY REPLACED DATE IS JULY 2015.** IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6725.

MARK E. GIVANS  
  
 CRS # P90R564Y

	ARTEX AIRCRAFT SUPPLIES, INC. 14405 Keil Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901
LOG BOOK ENTRY	6/22/2009
E.L.T. BATTERY REPLACEMENT DATE	Jul 2015

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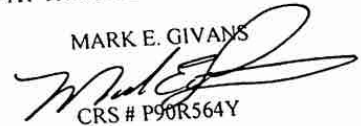
*Precision Aerospace Technologies, Inc.*

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) - (870) 251-2561 (Fax)

Make	Model	ACFT S/N	N #	IIOBBS	DATE
CESSNA	421B	421B0315	N101DF	1639.0	DEC 08, 2009

I. REMOVED AND REPLACED AUTOPILOT PITCH SERVO SHEAR PIN P/N 3814400400 WITH NEW CUSTOMER FURNISHED PART. ADJUSTED BRIDAL CABLE TENSION FOR PITCH SERVO. PERFORMED PROCEDURE FOR CENTERING PA-500A ACTUATOR IN 400A/IFCS SYSTEMS. GROUND FUNCTION TEST GOOD AT THIS TIME. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 7000.

MARK E. GIVANS



CRS # P90R564Y

