

N2702L

1981 Cessna 414A Ram IV

Airframe Logbook

#1 of 2

1994 - 2011

Reconstructed logbook. Full details inside

Aircraft S/N: 414A-0608



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

**AIRCRAFT
MAINTENANCE RECORDS**

N 2702L

**AIRFRAME
LOG BOOK**



AIRCRAFT MAINTENANCE RECORDS

Owner _____

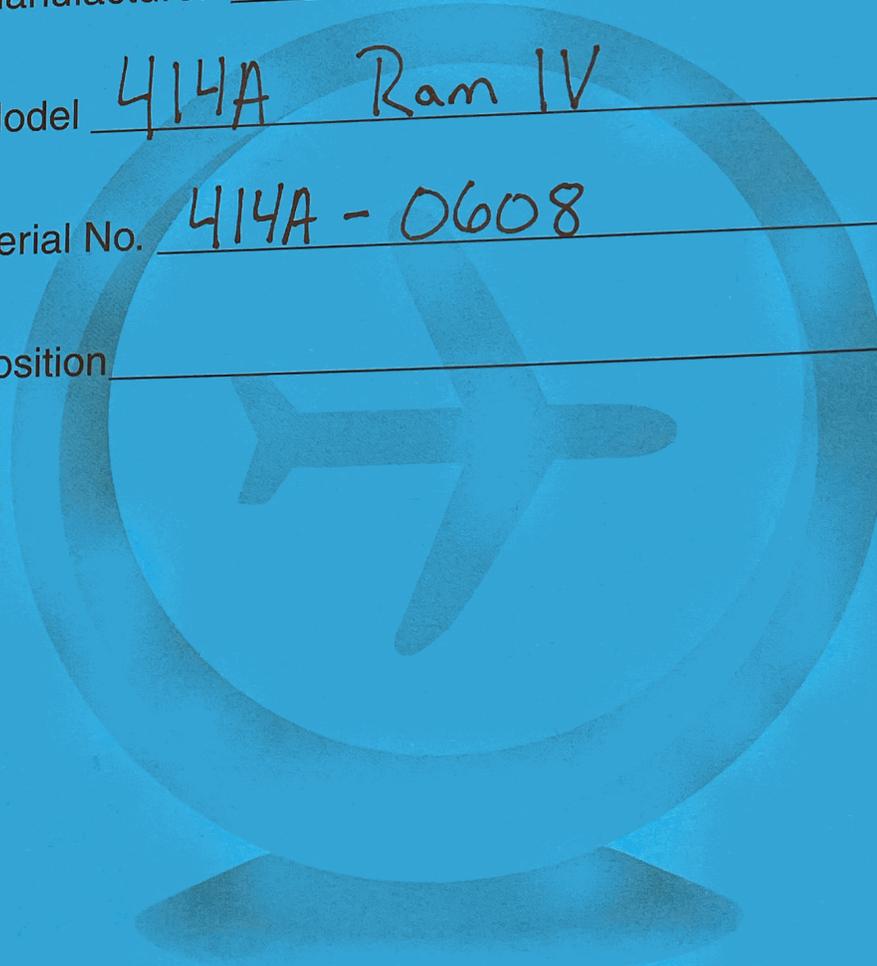
Aircraft Registration **N** 2702L

Manufacturer Cessna

Model 414A Ram IV

Serial No. 414A - 0608

Position _____



AIRCRAFT MAINTENANCE RECORD

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		



June 15, 2021

To whom it may concern:

Subject: N2702L 1981 Cessna 414A Serial Number 0608

The logs books to this aircraft were destroyed in a vehicle fire. I was aware of this at the time of loss and knew the owner and aircraft. The times and history of this aircraft during the reconstruction of records is correct and at this time there was no major damage history.

Regards

Mark L. Haggenmacher
President

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The next entries were retrieved from the N2702L engine logbooks. These original engine logbooks were not lost in the vehicle fire in 2011, and are used to verify the total time of aircraft in service. Each entry shows the year and total time for the aircraft. Each engine logbook entry was completed by a reputable maintenance facility and cross-validate the correct total time.

At the time of the fire, the broker/dealer for N2702L was Mr. Michael Scroggin. Mr. Scroggin can be reached at (479) 220-8380. I have personally talked to him about this aircraft and its files. Mr. Scroggin has a spec sheet (see nearby). He sold the aircraft to Lone Duck Aviation, LLC in Arkansas in 2012. At the time of trade from Lone Duck Aviation, LLC to RidgeAire, we validated these records by traditional means using the information provided by Mr. Scroggin and communication with another Arkansas broker/dealer that worked the trade of this aircraft to us, Mr. Haggmacher. Mr. Haggmacher can be reached at (501) 834-3100.

We also contacted Mizzou Aviation and spoke to Ruth. She verified the above provide information. Mizzou Aviation did a reconstruction of the aircraft records, which RidgeAire transcribed for purposes of clarity and presentation in this reconstructed logbook. You can see the handwritten reconstruction created by Mizzou in the archived logs. Mizzou Aviation can be reached at (417) 623-1331.

Both port and starboard engines and props have been fully overhauled and maintained since the original logbooks were lost in 2011.

I, Brian Ridgley, deem the time of this Aircraft Total Time to be correct to the best of my knowledge and the aircraft has no known major damage.

Respectfully,

Brian Ridgley
President/CEO
RidgeAire, Inc.
(903) 586-1521



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AIRCRAFT MAINTENANCE RECORD

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N2702L	1981 Cessna 414A Ram IV	S#414A-0608
<p>5419.7.0 Total Time Left Engine 1697.7 Right Engine 355.1 LT Prop SPOH 1697.7 RT Prop SPOH 355.1</p> <p>Avionics:</p> <p>IFCS 800 Auto Pilot, Yaw Damper/Alt Alert/ HSI (4 inch Flight Instruments) 800 Audio Panel #1Garmin 430W NAV/COM/GPS #2 Garmin 430 Nav/GPS Dash Mounted Garmin 696 GPS, Hard wired to 430W GTX 345 ADS-B IN /OUT Transponder RDR 160 Radar JPI EDM 790 ABS Radar Altimeter Fuel Totalizer WX 500 Storm Scope installed in Garmin 430 Full set Co-Pilot Flight Instruments Intercom</p> <p>Options:</p> <p>Known Ice Package Glass windshield Ram Prop Sysc system Ram EGT's Ram 325 HP Engines Q Tip Props</p> <p>Factory Air-condition system, works perfectly. Full set of cabin dividers, tables, magazine rack, refreshment cabinet with overhead and potty seat. Cabin lighting with seat belt and no smoking lights. 7 seat's with under seat storage. Nice clean interior, leather seats</p> <p>No damage History <u>2062 Useful load</u> Partial airframe logs missing from new due to fire in vehicle. Annual due 11/1/2019, annual cost in 2018 \$42,000.00</p> <p>Universal Aviation, LLC / J. Michael Scroggin 479-220-8380 ms400aviation@gmail.com</p>		

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Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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Airframe Total Time: 3609.3
 Hour Meter: 3609.3
 Date: 9/12/94

Waco Regional Airport CESSNA 414A0608 N2702L

On above referenced aircraft, installed RAM remanufactured engine in right position. Slick pressurized mags p/n 6320 installed per STC SE4651SW on right engine. Replaced right engine EGT probe. Installed red silicone impregnated fiberglass baffle material on engine. FAA-PMA replacement baffles. Replaced right engine wastegate and valve assy. Installed previous right low time wastegate and valve assy. on left engine. Replaced right engine turbo inlet elbow on inboard side. Replaced left 3-in-1 gage with s/n B4433, p/n C6620190101. See tag. C/W AD 84-26-02 per replacement of air filter on right engine. Due replacement every 500 hours. Negligible weight and balance change. 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. 1379.

[Signature]
 RAM Aircraft Corp. P. O. Box 5219, Waco, TX 76708 CRS VA1R551K



Engine Total Time: 1596.6
 Hour Meter: 3722.0
 Engine SMOH: 112.7
 Prop SMOH: 00.0
 Date: 11/18/94

Waco Regional Airport

SERIES IV TCM TS10-520-NB S/N R-521612

On above referenced engine, performed oil and filter change. Engine reserviced with Aeroshell 15w50 detergent oil. Installed overhauled fuel pump. (See Tag.) Installed overhauled propeller model PHC-C3YF-2HP, s/n EB1554. Engine ground run up leak checked good and approved for return to service. Reference W.O. #1465.

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

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AIRCRAFT MAINTENANCE RECORD

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Waco Regional Airport

Airframe Total Time: 3722.0
 Hour Meter: 3722.0
 Date: 11/18/94

CESSNA 414A-0608 N2702L

Above referenced aircraft modified per STC SA4546SW. Aircraft modified per STC SA8728SW to increase gross weight to 7105 lbs. and installation of vortex generators (STC SA8125SW). Installed RAM remanufactured left engine and overhauled Hartzell Q-Tip propellers. See 337. Slick pressurized magnetos p/n 6320 installed per STC SE4651SW. See 337. Replaced left engine EGT probe. Installed red silicone impregnated fiberglass baffle material on left engine. FAA-PMA replacement baffles. Replaced left engine wastegate and valve assy. Installed re-marked tachometer and airspeed indicators per STC requirements. Static system tested per FAR 91.411, para A 2. (Leak check of system only.) Installed new propeller cable on left engine. C/W AD 84-26-02 per replacement of air filter on left engine. Due replacement every 500 hours. Installed vacuum pump cooling shroud on left engine vacuum pump per STC SA3721SW. Installed RAM vortex generators on wing and vertical fin and strakes on outboard nacelles and on fuselage per Dwg. 1507, Rev. E, dated 12/1/92 with Flight Manual Supplement (Option 2) dated 12/6/93 furnished with change in airspeed markings; I/A/W STC SA8125SW. New empty weight and balance computed. 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. 1465.

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

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Waco Regional Airport

Engine Total Time: 1938.6
 Engine SMOH: 342.0
 Hour Meter: 4064.0
 Propeller Total Time: 342.0
 Date: 11/7/95

SERIES IV TCM TSIO-520-NB S/N R-521612

On above referenced engine, performed "top overhaul". Installed reconditioned channel-chrome cylinders and new rings, pistons, and piston pins. See cylinder tags. Engine oil and filter were changed and engine re-serviced with Phillips multi-grade 20W-50 Type M mineral oil. Engine run-up leak checked good and approved for return to service. Reference: ... 1958.

RAM Aircraft Corp., P. O. Box 5219, Waco, TX 76708 CRS VA1R551K

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AIRCRAFT MAINTENANCE RECORD

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11/22/2004 | N2702L | 1981 CESSNA 414A S/N 414A-0608
HOBBS: 4491.9 | AFTT: 4485.2
AIRFRAME - ANNUAL | MIZZOU WO 9673

Jacked aircraft. Inspected landing gear wheels, tires, struts, and brakes. Performed landing gear retraction and extension check, repacked wheel bearings. Checked lights, battery, pitot heat, stall warning, prop & surface de-ice systems. Serviced as required. Checked cable tensions and lubed pulleys, hinges, rod ends, and bell-cranks. C/W ELT 91.207 by ops check, next due 11-05. Battery due 11-06.

Installed new 600-6-6PR Goodyear tire, (2) PN 154-013 grease seals on nose wheel, (1) PN NH1000897-70 clamp on RH exhaust waste sat, (2) PN 340600-1 check valves on LH and RH deice systems, (1) M\$29513-020 o-rings and (1) 2-010V835-75 o-ring on RH wing sump, (1) PN B\$2173 ELT battery, (1) PN M#1934-04A012 bushing on RH air box alt air door, (1) 24194-LAA Hgd pump on RH engine, (1) CMT266-T-8 duct in nose for Radiator.

Patched several holes in surface delce boots, repaired Syncrophaser wire connection, repaired panel light wires at tach, repaired RH heat exchanges cable control and lubed. Added a doubler on nose skin ahead of well. Adjusted elevator cable tension, RH boost pump fuel lines loose, tightened "B" nuts, A/C hyd light drop - troubleshoot system. Repaired RH engine inboard court at fastener, treated airframe with ACF 50 corrosion treatment. Cleaned cabin floor under carpets for corrosion.

C/W AD 2000-01-16 by pressure test and visual inspection of LH and RH exhaust systems. Next due at Hobbs 4541.9 or 11-05. ALT/Static/Transponder due at 5-06.

I certify this engine has been inspected IAW an Annual Inspection using FAR 43 Appendix "D" and Cessna inspection forms as guides. This engine was found to be in an airworthy condition and is approved for return to service. All applicable ADs checked through bi-weekly 2004-23.

Original logbook destroyed in vehicle fire. This reproduction was provided in handwritten form by MIZZOU AVIATION, the FAA repair station that performed the above described maintenance, and was transcribed by RIDGEAIRE, INC for convenience and clarity. Please refer to the original handwritten document for clarification.

Hobbs 4511.1 AFTT 4504.4

DATE: 07/15/05	AFTT: 4511.1	A/C# N2702L
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AIRFRAME: INSTALLED NEW HEATER DUCTING HOSE P/N CM3211-18A @ HEATER HOBBS 161.8. SERVICED NOSE STRUT WITH NITROGEN. MIZZOU W/O #9973

SIGNED: *[Signature]* CERT. NO# *A123456789*
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

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1/25/2006 | N2702L | 1981 CESSNA 414A S/N 414A-0608
HOBBS: 4513.1 | AFTT: 4506.4
AIRFRAME - 100 HOUR | MIZZOU WO 10294

Jacked aircraft. Inspected landing gear wheels, tires, struts, and brakes. Performed landing gear retraction and extension check. Checked lights, battery, pitot heat, stall warning, prop & surface de-ice systems. Serviced fluids as required. Checked cable tensions and lubed pulleys, hinges, rod ends, and bell cranks.

Installed (2) PN Vortex Generators per STC on RH inboard wing. O2 bottle and blow down bottle hydro tested - next due 01-11. Installed top entry door extender PN 5211396-11, clip PN A9002. Performed flap rigging, okay, adjustments made per \$.manual. Services struts with hyd. Fluid and nitrogen. Installed (4) new slip joints PN 1001-3 from RAM per STC SA 43315W. Repaired broken wire on airframe valve light switch.

Installed PN 2060-1 SN IIL-00101 turbo from RAM on LH engine. Repaired LH turbo heat box shroud with doubler. C/W AD 2000-01-16 by pressure test and visual inspection of LH and RH exhaust systems. Next due at Hobbs 4563.11 or 1-07. ALT/Static/Transponder due at 5-06. Performed 90.207 ELT ops check, ned due 1-07. ELT battery due 11-06.

I certify this engine has been inspected IAW a 100hr Inspection using FAR 43 Appendix "D" and Cessna inspection forms as guides. This engine was found to be in an airworthy condition and is approved for return to service. All applicable ADs checked through bi-weekly 2006-01.

This entry was reviewed, certified, and signed by AP 30088590 on 12/27/11.

Original logbook destroyed in vehicle fire. This reproduction was provided in handwritten form by MIZZOU AVIATION, the FAA repair station that performed the above described maintenance, and was transcribed by RIDGEAIRE, INC for convenience and clarity. Please refer to the original handwritten document for clarification.

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DATE: 3/09/2007 **HOBBS:** 4536.6 **A/C#** N2702L **ANNUAL**

AIRFRAME: JACKED AIRCRAFT AND INSPECTED LANDING GEAR, WHEELS, TIRES, STRUTS, AND BRAKES. PERFORMED GEAR RETRACTION AND EXTENSION TEST. REPACKED WHEEL BEARINGS. CHECKED LIGHTS, FLUIDS, STALL WARNING, PITOT HEAT, BATTERY, PROPS AND SURFACE DEICE SYSTEMS. SERVICED AS REQUIRED. CHECKED CABLE TENSIONS AND LUBED PULLEYS, ROD ENDS, BELL CRANKS AND HINGES. INSTALLED NEW GE1383 BULB IN DEICE LIGHT. INSTALLED NEW G246 MAIN SHIP BATTERY, P/N G246 S/N G02290688. PERFORMED EMERGENCY GEAR BLOWDOWN. SERVICED HYDRAULIC RESERVOIR AFTER GEAR BLOW DOWN, SERVICED BLOW DOWN NITROGEN BOTTLE TO 2000 PSI GREEN INDICATING ARC. ADJUSTED AILERON, ELEVATOR AND RUDDER CABLE TENSION PER 414A CESSNA SERVICE MANUAL. INSTALLED NEW FLAP MOTOR, P/N 9910055-1 AND FLAP MOTOR LIMIT SWITCH CONTROL SHAFT, P/N 5115253-1 AND RIGGED FLAPS, PRESELECT SWITCH, FLAP LIMIT SWITCHES AND ADJUSTED FLAP CABLE TENSIONS. CLEANED OUTFLOW AND SAFETY VALVES. FUNCTION CHECKED HEATER, HEATER HOBBS: 169.5, 41.2 TSN. C/W AD04-25-16R1 HEATER FUEL REGULATOR LEAK CHECK BY INSPECTION, NEXT DUE HOBBS: 4636.6. CLEANED FUEL GASCOLATOR SCREENS. INSTALLED NEW ALTERNATOR BATTERY SWITCH, P/N 5018153-1 S/N PL694795. INSTALLED NEW AMMTER, P/N CM2664-1. INSTALLED NEW INSTRUMENT AIR CENTRAL VACUUM FILTER, P/N AM103535IA AND (2) VACUUM REGULATOR FILTERS, P/N B3-5-1. INSTALLED NEW BOLTS IN IN ELEVATOR TRIM TAB LINKAGE. REPAIRED HOLES IN HORIZONTAL STAB. AND VERTICAL STAB DEICE BOOTS. REINSTALLED R/H WING LOCKER DRAIN AND REATTACHED FABRIC. ALTIMETER/STATIC/TRANSPONDER ARE PAST DUE, THIS AIRCRAFT **IS NOT IFR CERTIFIED**. PERFORMED 91.207 ELT OPS. CHECK NEXT DUE AT 2/08. INSTALLED NEW ELT BATTERY, P/N BS2173 NEXT DUE 2/09. I CERTIFY THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION USING FAR 43 APPENDIX D AND CESSNA 414A INSPECTION FORMS AS GUIDES. THIS AIRCRAFT WAS FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. APPLICABLE AD'S CHECKED THROUGH BI-WEEKLY 2007-05. MIZZOU WO #10738.

SIGNED Robert T. Harris CERT. NO# A4P 356405775 1A
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

DATE: 04/22/08 **HOBBS:** 4544.1 **APP:** 4537.4 **A/C #** N2702L **ANNUAL**

AIRFRAME: JACKED AIRCRAFT PERFORMED RETRACTIONS & EXTENSIONS LANDING GEAR. CHECKED BRAKES, PACKED WHEEL BRGS. CHECKED LIGHTS, & FLUIDS, STALL WARNING & HEAT, PITOT & STATIC HEAT. SERVICED BATTERY. CHECKED FLIGHT CONTROLS CABLES, PULLIES, BELCRANKS FOR SECURITY AND OPERATION AND LUBED AS NECESSARY. INSTALLED NEW GE4553 LANDING LIGHT IN L.H. POSITION RESECURED HEATING ELEMENT ON STALL WARNING VANE. REMOVED CORROSION FROM UNDER WINGS BEHIND EXHAUST TAIL PIPE. TREATED w/ ACF 50, ZINC CHROMATED & PAINTED. REBUSHED L.H. GEAR TORQUE LINKS BUSHING P/N 5141008-1 AND INSTALLED NEW LINK SHAFTS P/N 5141006-1. ADJUSTED FREE PLAY IN R.H. TORQUE LINK CENTER PIVOT. SECURED & SAFETIED. REPLACED LOOSE RIVETS IN REAR GEAR WELL SKIN. FREED FROZEN PULLEY L.H. AILERON CONTROL & LUBED. INSTALLED NEW 811 BATTERY FOR DANTRON CLOCK UNIT. CLEANED FUEL GASCOLATORS, ALT. STATIC, TRANSPONDER DUE 3/09, ELT BATTERY DUE 2-09, C/W FAR 91.207 NEXT DUE 4-09. C/W AD 04-25-16R1 FUEL REG. SHUTOFF NO LEAKS DETECTED DATED 4-08 NEXT DUE 4-09 OR 4644.1 HOBBS. THIS AIRCRAFT HAS BEEN INSPECTED IAW WITH AN ANNUAL INSPECTION USING FAR 43 APP." D" AND CESSNA INSPECTION FORMS AS GUIDES. THIS AIRCRAFT WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. APPLICABLE AD'S CHECKED THRU BI-WEEKLY 2008-8. MIZZOU WO #11132

SIGNED Robert T. Harris CERT. NO. A4P 356405775 1A
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN, MO 64801

DATE: 07/12/11 **A/C #** N2702L

AIRFRAME: I HAVE INSPECTED THIS AIRCRAFT AND FIND IT TO BE SAFE FOR THE INTENDED FLIGHT FROM KEOS (NEOSHO, MO) TO KJLN (JOPLIN, MO). MIZZOU WO #12100R

SIGNED WENDELL H. LAURIE DATE: 7-12-11
 MIZZOU AVIATION CRS AKCR139C REGIONAL AIRPORT JOPLIN, MO 64801

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AIRCRAFT MAINTENANCE RECORD

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		
		<p>DATE: 11/1/11 Hobbs 4545.0 A/C # N2702L AIRFRAME: I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT TO BE SAFE FOR THE INTENDED FLIGHT FROM KJLN (JOPLIN, MO) TO KEOS (MEDSHO, MO). MIZZOU WO #12100R SIGNED: <u>WENDELL H. LAURIE</u> <i>Wendell Laurie</i> DATE: <u>11-11</u> MIZZOU AVIATION CRS AKCR139C REGIONAL AIRPORT JOPLIN, MO 64801</p>

12/28/11

Mizzou Aviation has maintained N2702L, C414A, s/n 414A0608 beginning 9/12/01 with an Annual Inspection. Copies of our sign offs and times on this aircraft are as follows:

ACTT: 4537.4

LETT: 3027.4; TSO: 815.4

LH PTT: Unknown; TSO: 815.4

RETT: 2412.0; TSO: 928.1

RH PTT: Unknown; TSO: 815.4

These times are as of our "Last" Annual Inspection 4/2008 @ 4544.1 Hobbs.

SIGNED: WENDELL H. LAURIE *Wendell Laurie* D.O.M. DATE: 12/28/11
 MIZZOU AVIATION CRS AKCR139C REGIONAL AIRPORT JOPLIN, MO 64802

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