

# N2702L

## 1981 Cessna 414A Ram IV

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# Airframe Logbook #1

Handwritten Reproduction by Mizzou  
Aviation

**Aircraft S/N: 414A-0608**



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

## 1981 Cessna 414A Ram IV

S#414A-0608

N2702L

**5419.7.0 Total Time**

**Left Engine 1697.7**

**Right Engine 355.1**

**LT Prop SPOH 1697.7**

**RT Prop SPOH 355.1**

### **Avionics:**

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

### **Options:**

#### **Known Ice Package**

Glass windshield

Ram Prop Sysc system

Ram EGT's

Ram 325 HP Engines

Q Tip Props

#### **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

#### **No damage History**

#### **2062 Useful load**

**Partial airframe logs missing from new due to fire in vehicle.**

Annual due 11/1/2019, annual cost in 2018 \$42,000.00

Universal Aviation, LLC / J. Michael Scroggin

479-220-8380

ms400aviation@gmail.com



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. Haggmacher  
President



Waco-Madison Cooper Airport

 Airframe Total Time: 1385.9  
 Hour Meter: 1385.9  
 Date: 9/3/87

CESSNA S/N 414A-0608 N2702L

On above referenced aircraft installed RAM remanufactured engines and new Hartzell Q-Tip propellers. New steel cylinder assy's. p/n 1158-2 on both engines. See 337. Installed Symbolic Displays per STC SA5796SW. Transducer installation per STC SE5726SW. Slick pressurized mags installed per STC SE4651SW. See 337. Installed Alcor range-marked EGT gage p/n 46158, s/n 203756 per STC SA522SW. Installed red silicone impregnated fiberglass baffle material on each engine. FAA-PMA Replacement Baffles. Replaced left engine turbo support bracket. Replaced left and right engine EGT probe. Replaced right engine overboard exhaust stack. C/W AD's 75-23-08, 78-06-01, 79-05-09, and 86-13-04 R2. See engine log. Installed re-marked tachometer, manifold pressure and fuel flow gage, airspeed indicators, and 3-in-1 gage per STC requirements. Static system tested per FAR 91.171, para A 2. (Leak check of system only.) Oxygen system serviced per Service Manual. Installed Engine Beam Kits per Service Bulletin (S.B.) 85-13-03 R2. Type II Synchrophase System installed per STC SA20GL. See 337. C/W AD 84-26-02 per replacement of air filters. Due replacement every 500 hours. New empty weight and balance computed. Aircraft approved for return to service for engine run-in procedures and modifications performed. Pertinent details on file under work order #10175.

*John Sutton*

 -----  
 RAM Aircraft Corporation, P. O. Box 5219, Waco, Texas 76708 CRS 202-76


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.

*John Sutton*

 -----  
 RAM Aircraft Corporation, P. O. Box 5219, Waco

PAGE 2



Waco-Madison Cooper Airport

 Airframe Total Time: 1385.9  
 Hour Meter: 1385.9  
 Date: 9/3/87

CESSNA S/N 414A-0608 N2702L

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*John Sator*  
 RAM Aircraft Corporation, P. O. Box 5219, Waco, Texas 76708 CRS 202-76



Waco Regional Airport

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

CESSNA 414A-0608 N2702L

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



9/12/01 N2072L Hobbs 4375.7 AFTT: 4375.7  
Airframe ANNUAL

Jacked Aircraft and performed Gear extension and retraction, Repacked wheel Bearings. Inspected Landing Gear, struts, wheels, Tires & Brakes, checked Cable tensions and lubed Pulleys, Hinges, Rod ends and Bellcranks. Checked lights, Battery, Stall warning, Pitot heat and Fluids. Serviced as required. Installed new Bearings (2) and races (2) in Nose wheel P/N LM 29710 & LM 29749.

Replaced R/H Engine OVB exhaust stack with new P/N ~~NH 1000897-50~~ with new clamp P/N ~~3063CC40~~. R & R'd several stripped out screws in inspection Panels. Cleaned minor corrosion in Exhaust track and Flap Cove Areas. Resecured w/H Wing inboard de-ice Boot. Replaced Both w/H and R/H Prop De ice Brush Blocks P/N RAB-40189.

w/H Exhaust Wye Pipe ~~was repaired~~ was repaired by Knisley Exhaust and reinstalled using new Clamps P/N NH 1000897-60 and P/N NH 1000897- Couplings. Installed new w/H OVRB exhaust Pipe and new INB exhaust Risers (3) P/N's

~~RR 652458~~  
K 9910299-1 and K 9910295-4 with new coupling P/N NH 1000897-50 and Clamp P/N 3063CC40 and Gaskets P/N 652458. Installed (2) new Brackets on w/H OTB Exhaust system

Exh P/N K 9910299-2  
Clamp P/N 3063CC40  
coupling P/N 1000897-50

9/12/01 N20722 Hobbs: 4375.7 TSO: 764.4 TT: 2361.0  
R/H Engine Annual

Serviced Engine with 12 Qts #15W50 and  
CH48108 filter Cut old filter no metal noted.  
Checked Compressions #1 180 #2 180 #3 180  
#4 180 #5 180 #6 180. Cleaned, regapped and  
tested Spark plugs. Checked Mag to eng.  
timing. Checked high tension leads. Checked  
engine controls for proper travel and  
lubed. Installed new OUBD Exhaust pipe  
from Knisley, using new Coupling P/N1000897-5  
and Clamp P/N 3063 CC400. Installed new EGT  
Probe P/N 86255 and Calibrated system.  
Installed new Prop De-Ice Brush Block P/N  
RAB 40189. Cleaned Connections on Alternator  
Q/W AD00-01-16 By Pressure test of Exhaust System  
next due Visual Inspection at Hobbs: 4425.7.

Ech P/N X9910299-2

I certify Annual  
Bi Weekly 2001-17  
WO # 8084

Done by  
Tim Fortner?



9/12/01 N2702 L Hobbs: 4375.7 TSO: 653.7 TT: 2865.7  
LH Engine Annual

Serviced Engine with 12 qts A\$15W50 and  
CH48108 Filter, cut old filter no metal  
noted. Checked Compression #1 /so #2 /so  
#3 /so #4 /so #5 /so #6 /so. Cleaned, regapped  
and tested Spark plugs. Checked High  
tension Leads. Checked Mag to engine  
timing. Check Engine Controls for proper  
travel and lubed. Reinstalled Wye pipe  
after repairs by Knisley with new  
clamps P/N's 1000897-60 and 1000897-70.

Installed new OVB Exhaust Pipe P/N  
K9910299-1 with new Coupling P/N 1000897-50  
and clamp P/N 3063CC400. Installed (3)  
new INB exhaust risers P/N 9910295-1  
with new Gaskets P/N 652458. Installed  
(2) new Brackets on LH Exhaust OTB  
P/Ns 5650119-3 and 5650204-21. Installed  
new EGT Probe P/N 86255 and Calibrated  
QW AD 00-01-16 By Pressure test of Exhaust  
system, next due Visual Inspection at Hobbs.  
4425.7

I certify Annual  
Bi Weekly 2001-17  
WO # 8084

P/N's 5650119-3 and 5650204-21. Calibrated EGT systems. Installed new EGT Probe on L/H Engine P/N 86255. Cleaned Connections on R/H Alternator. Installed Pressure switch on Air Conditioner Hyd System. C/W AD 00-01-16 By Pressure test on Both R/H and L/H Exhaust systems, next due Visual Inspection at Hobbs: 4425.7. C/W AD 98-04-28 By Installing a copy of the ~~Know~~ Icing AD in Aircraft POH. Alt/Static/X-Ponder all due 4-03. C/W 91.207 ops check of ELT, next due 9-02. ELT Battery due 10-02.

I certify Annual  
Bi Weekly 2001-17  
WO # 5084

# Equipment List for N2702L

MIZZOU AVIATION  
P.O. BOX 846  
JOPLIN REGIONAL AIRPORT  
JOPLIN MO 64802  
[417]623-1331 ph  
[471]782-6283 fax

10-16-02

## Airframe

Make  
Model  
Serial number  
Notes:

CESSNA AIRCRAFT CORP.  
414A  
414A0608  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNAUL INSP.

Current time  
Total time  
Certification date

Hobbs:4432.2  
AFTT:4425.5 (6.7 DIFF.)

## Engine 1

Make  
Model  
Serial Number  
Notes:

TELEDYNE CONTINENTAL MOTORS  
TSIO-520 SERIES  
509818  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Location  
Total time  
TSMOH

Left  
TSO:703.5  
Hobbs:4432.2

## Engine 2

Make  
Model  
Serial Number  
Notes:

TELEDYNE CONTINENTAL MOTORS  
TSIO-520 SERIES  
R-521612  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Location  
Total time  
TSMOH

Right  
TSO:814.2  
HOBBS;4432.2

## Prop 1

Make  
Model  
Serial Number  
Hub Notes

HARTZELL  
PHC-C3Y SERIES  
EB1554  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Blade  
Total Time  
TSMOH

TSO:703.5  
Hobbs:4432.2

## Prop 2

Make  
Model  
Serial Number  
Hub Notes

HARTZELL  
PHC-C3Y SERIES  
EB-1542  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Blade  
Total Time  
TSMOH

TSO;703.5  
HOBBS;4432.2

## Appliances

Make

Model

AIR FILTERS

INDUCTION AIR FILTERS

PAPER AIR FILTERS

Serial #

Part #

Location

Notes:

#111

10-16-02 A/C# N27022 ~~Hobbs 4425.5~~ Annual

Hobbs: 4432.2 AFTT: 4425.5

A/C was on Jacks 6.7 HRS during Annual Insp.

Jacked Aircraft to Insp. landing gear, struts, wheels, tires & Brakes. Performed gear swing, checked cable tension & lubed Rod Ends, pulleys, bellows & hinges. Checked lights, <sup>required</sup> stall warning, Pitot heat & Battery. Serviced as ~~required~~. Installed new ELT Battery P/N B&B 2173 next due 10-04. Adjusted main gear torque link hardware. Installed new Induction Air filter. Repaired LH landing light. Installed new Alternator "light" relay. Installed both Vac. Reg. filters. Re-Sealed RH Static Port Bottle. Cleaned light corrosion in food baggage compartment at heater duct hoses & AT APU ground Plug. Installed LH fuel tank Quick Drain P/N 7901. Installed Bell Crank Button on RH Wing at Aileron.

Cleaned fuel System screens & pumps.

QW AD00-01-16 Exhaust Insp. by PSI & Visual Insp. QW AD 01-17-13 on Heater fuel Shut off/Regulator QW 91.207 next due at 10-03 AIT/Static/Transponder due 4-03. ~~etc~~

I certify this Aircraft has been Insp. IAW an annual insp. using FAR 43 appendix "D" & Cessna Insp. forms as guides. This Aircraft was found to be in an Airworthy condition and is approved for return to Service, all applicable AEs. AIT through Bi Wily - 2002-20

A112 WO# 8573

N2702L Hobbs Annual  
T50  
LH Hobbs: 4432.2 T50: 703.5

Inspected Prop SAW an Annual  
Inspection. Prop approved for Return  
to Service

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N2702L Hobbs 4432.2 Annual  
T50 703.5  
RH

Inspected Prop SAW an Annual  
Inspection. Prop approved for Return  
to Service

Annual  
10-16-02 A/C # 127022 Hobbs 4425.5 TSO.

TT  
LT Engine Hobbs: 4432.2 TSO: 703.5

Serviced engine with 12 qts A/S 15W50  
1/2 CH48109 FILTER - "NO CONTAMINATES NOTED IN OLD  
FILTERS" Compressions: 1 64/80 2 45/80 3 74/80 4 70/80 5 63/80  
6 71/80  
Cleared fogged and tested spark plugs. Checked  
high tension leads, <sup>checked</sup> Mag to Engine timing. Checked Engine  
Controls for proper travels & lubed.

Chw AD 00-01-16 By PSI test & Visual  
Inspection of Exhaust System. <sup>visual</sup> Nxt due @ Hobbs.

Installed o/Hid Cyl. # TSI0-520 P/N 76870  
@ #2 Position from Gibson Aviation using  
Serviceable Parts. Cleaned fuel Screens  
& Sumps. Installed new Induction Air Filter P/N 012815  
01642

I Certify this Engine has been Insp.

Chw an Annual Insp using FAA 43 appendix D  
and Cessna Insp. Form as guide. This  
Engine was found to be in an Airworthy  
condition and is approved for return  
to service. All applicable ADs checked through  
Bulldog 2002-20. WO# 8573

10-16-02 <sup>Alc #</sup> N2702L Hobbs Annual

~~TSO~~  
Hobbs: 4432.2 TSO: 814.2

RH Engine

Serviced Engine with 12 qt A/S 15W50  
+ CH48109 filter "No Contaminates Noted in old  
FILTER". Compressions: 1 <sup>100</sup>/<sub>80</sub> 2 <sup>65</sup>/<sub>80</sub> 3 <sup>70</sup>/<sub>80</sub> 4 <sup>71</sup>/<sub>80</sub> 5 <sup>59</sup>/<sub>80</sub> 6 <sup>73</sup>/<sub>80</sub>  
Cleaned Regapped & tested Spark Plugs, checked high  
tension leads, CK'd Mag to Engine timing, Checked  
Engine Controls for proper travels & lubed. Installed  
new Induction Air filter P/N P128156-016-190

Clw AD 00-01-16 by PSI ~~at~~ Test +  
Usual Insp. of Exhaust System. <sup>visual</sup> next due @ hobbs  
Cleaned fuel Screens + Sumps.

B. Weekly 02-20 WD# 8573

I Certify Bla Bla Bla — —

11

2003

# Equipment List for N2702L

MIZZOU AVIATION  
P.O. BOX 846  
JOPLIN REGIONAL AIRPORT  
JOPLIN MO 64802  
[417]623-1331 ph  
[471]782-6283 fax

4467.6  
- 6.7  
4460.9

## Airframe

Make  
Model  
Serial number  
Notes:

CESSNA AIRCRAFT CORP.  
414A  
414A0608  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Current time  
Total time  
Certification date

Hobbs:4467.6  
AFTT:4460.9 (6.7 DIFF.)

## Engine 1

Make  
Model  
Serial Number  
Notes:

TELEDYNE CONTINENTAL MOTORS  
TSIO-520 SERIES  
509818  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Location  
Total time  
TSMOH

Left  
TSO:738.9  
Hobbs:4467.6

ETT 2212.0 @ 3722.0  
+ 738.9  
2950.9

## Engine 2

Make  
Model  
Serial Number  
Notes:

TELEDYNE CONTINENTAL MOTORS  
TSIO-520 SERIES  
R-521612  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Location  
Total time  
TSMOH

Right  
TSO: ~~738.9~~ 851.6  
HOBBS:4467.6

## Prop 1

Make  
Model  
Serial Number  
Hub Notes

HARTZELL  
PHC-C3Y SERIES  
EB1554  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Blade  
Total Time  
TSMOH

TSO:738.9  
Hobbs:4467.6

## Prop 2

Make  
Model  
Serial Number  
Hub Notes

HARTZELL  
PHC-C3Y SERIES  
EB-1542  
HOBBS RAN 6.7 HRS. ON JACKS  
DURING ANNUAL INSP.

Blade  
Total Time  
TSMOH

TSO:738.9  
HOBBS:4467.6

## Appliances

AIR FILTERS

Make  
Model  
Serial #  
Notes:

INDUCTION AIR FILTERS

Model  
Part #  
Location

PAPER AIR FILTERS

11/5/2003  
Page 1 of 2



11-7-03 N2702L Hobbs  
FAH 4467.6 APTT 4460.9

Airframe. Annual

Inspected Aircraft Performed Gear extension & retraction test. Checked Struts, Brake wheels, tires and repaired wheel Brag. Checked lights, Battery, Pitot heat, Stall warning, Prop & ~~Surface~~ Surface De Ice Systems Checked and Serviced Fluids as needed! Checked cable tensions & lubed Pulleys, hinges, Rod ends & Bell Cranks. Performed ELT 91.207 by ops ck. Batt due 10/04. Installed new, P/N 154-00800 grease felts on LH & RH wheels. P/N 154-013 grease felts on Nose wheel. Installed new P/N W1290-28V Bulb LH nav. & P/N GE 4591 bulb in Taxi light. Serviced O<sub>2</sub> System with Arvions O<sub>2</sub>. Tightened LH & RH torque Links. Installed P/N GE 327 in several Post lights. Repaired RH Elevator Tip. Repaired LH Induction Air Box. Tightened LH Turbo Base Bolts. Installed ~~CB3-5-1~~ Regs Filters. Cleaned Flow Valve ~~in LH Wing~~ for Surface De Ice, ops ok Good.

QW AD 2000-01-14 by PSI tests & Visual Insp.  
d) LH & RH Exh. Systems. Next due @ Hobbs: 4517.6 or 11-04  
RH / Static / X Ponder @ due @ 4-04

I Certify this Aircraft has been Insp. IAW  
in Annual Basis. Using FAR 43 ap. D and Cessna

Disp. forms as guides.

This Aircraft was found to be in an  
Airworthy Condition & is approved for Return  
to Service.

applicable sbs are through <sup>Brady</sup> 2003-21  
Mizzou WO# 9145

11-7-03 N2702L <sup>Hobbs 4467.6</sup> TACH TSM06# 738.9 TT

LH Engines

Annual

Serviced engine with 129ts A815W50  
& CH48109 filter, "No Metal Noted" in old filter  
Compressions 1 63/80 2 61/80 3 54/80 4 63/80 5 65/80 6 64/80  
Cleaned, regapped & tested Spark Plugs, Chkd high tension  
leads, Chkd Mag to Engine timing. Checked Engine Controls  
for proper movement & travels & lubed & <sup>cleaned fuel screen</sup> C/W AD2000-01-16  
by PSD test & Visual ~~test done @~~ on CH48109 Exh.  
Systems. Nxt due @ <sup>Hobbs 4517.6</sup> 0111-04. Installed (2) RHB32E  
Spark Plugs. Tightened Turbo Base Bolts and  
Installed New Nuts. Repaired Induction Air Box @  
Turbo Clamp.

I Certify this Engine has been Insp.  
Exam an Annual Insp using FAR 43  
ap. D & Cessna Insp. Forms as guides  
This Eng. was found to Be in an  
Airworthy Condition and is Approved  
for Return to Service. Applicable Ad' Chkd  
through Bi-Ally 2003-21 Mizzou WO# 9145

Both Props Hobbs: 4467.6 TSO: 738.9  
100 HR Inspections

11-7-03 N2702L Hobbs 4467.6 TSM04-849.6 ~~PH~~  
RH Engine. Annual

Summit eng with 12gts AS 15W50  
& CH48109 filter. "No Metal Noted" in oil  
filter. Comp. 1<sup>60</sup>/<sub>80</sub> 2<sup>51</sup>/<sub>80</sub> 3<sup>73</sup>/<sub>80</sub> 4<sup>67</sup>/<sub>80</sub> 5<sup>64</sup>/<sub>80</sub> 6<sup>70</sup>/<sub>80</sub>  
Cleaned, regapped & tested Spark Plugs & CK'd high  
tension leads, CK'd mag & engine timing. Cleaned fuel  
screens & Checked engine controls for proper movement  
& travels & lubed. C/w AD 2000-01-14 by PSI &  
Visual Insp. of LH & RH exh. Systems. next due @ <sup>Hobbs: 446</sup> 4517. <sub>01 11-04</sub>  
Installed 12 new RH 32E Spark plugs.

I Certify this Engine has been Insp.  
Daw an Annual Insp. using FAR 43  
ap. D & Cessna Insp. Forms as guide  
This eng. was found to be in an  
Airworthy Condition & is Approved for  
return to Service applicable Ad's Act  
through BeDekey 2003-21 WO# 9145

11-04  


# Equipment List for N2702L

MIZZOU AVIATION  
 P.O. BOX 846  
 JOPLIN REGIONAL AIRPORT  
 JOPLIN MO 64802  
 [417]623-1331 ph  
 [471]782-6283 fax

## Airframe

Make	CESSNA AIRCRAFT CORP.	Current time	Hobbs:4491.9
Model	414A	Total time	AFTT:4485.2(6.7 DIFF.)
Serial number	414A0608	Certification date	
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNAUL INSP. @ 2002 insp. AFTT 6.7 hrs less than hobbs		

## Engine 1

Make	TELEDYNE CONTINENTAL MOTORS	Location	Left
Model	TSIO-520 SERIES	Total time	ETT-2975.2 @4491.9 hobbs
Serial Number	509818	TSMOH	TSO 763.2 @ 4491.9 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.		

## Engine 2

Make	TELEDYNE CONTINENTAL MOTORS	Location	Right
Model	TSIO-520 SERIES	Total time	ETT 2359.8 @ 4491.9 hobbs
Serial Number	R-521612	TSMOH	TSO 875.9 @ 4491.9 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP. @ 2003		

## Prop 1

Make	HARTZELL	Blade	
Model	PHC-C3Y SERIES	Total Time	unknown
Serial Number	EB1554	TSMOH	TSO 763.2 @ 4491.9 hobbs
Hub Notes	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.		

## Prop 2

Make	HARTZELL	Blade	
Model	PHC-C3Y SERIES	Total Time	unknown
Serial Number	EB-1542	TSMOH	TSO 763.2 @ 4491.9 hobbs
Hub Notes	HOBBS RAN 6.7 HRS. ON JACKS		

11/10/2004  
 Page 1 of 2

DURING ANNUAL INSP.

Appliances	Make	Model	
AIR FILTERS	INDUCTION AIR FILTERS	Donaldson	
	Serial #	Part # P12-8156	Location LH
	Notes: 4432.2 new filters installed / 500 hrs	<i>due @ 4932.2</i>	
	INDUCTION AIR FILTERS	PAPER AIR FILTERS	
	Serial #	Part # P12-8156	Location RH
	Notes: 4432.2 new filters installed / 500hrs	<i>due @ 4932.2</i>	
GOVERNORS	WOODWARD GOVERNOR CO.	MODEL 210 SERIES GOVERNORS	
	Serial #	Part #	Location
	Notes:		
HEATERS	C & D Associates Inc.	CD 45K	
	Serial # S/N 0057	Part # CD 14026	Location Front
	Notes: new heater installed @ 8/00 @ 128.3 heater hobbs	<i>Current hobbs 156.3 (28 HRS TSN)</i>	
MAGNETOS	SLICK ELECTRO, INC.	6320	
	Serial #	Part # 94090006lh & 94090007 rh	Location
	Notes: 500 hr mag insp. c/w @ 526.1 lh c/w @ 638.8 rh NXT DUE @ 4748.1 (both)		
VACUUM	AIRBORNE MANUFACTURING, INC. (FORMERLY AIRBORNE MECHANISMS)	442CW	
	Serial # 9AJ826	Part #	Location Right
	Notes:		
	AIRBORNE MANUFACTURING, INC. (FORMERLY AIRBORNE MECHANISMS)	442CW,	
	Serial # 4AL233	Part #	Location Left
	Notes:		
NAVIGATION	GARMIN INTERNATIONAL	GNS 430 UNIT	
	Serial # 97103643	Part #	Location
	Notes:		

*500HR MAG CK Due @ 4748.1 LH & RH*

*ALT / static / XPندر 5/06  
Hyd. Filters due @ 4362.4  
A/C " due @ 4362.4*

*O<sub>2</sub> & Blowdown hydro due @ 8/05*

*Air Filters due @ 4932.2*

*ELT Batt due @ Now <sup>11/04</sup>  
NXT due 11/06*

11-27-04 127024 Hobbs 4451.9 AFIT 4485.2

Annual  
100HR

Airframe:

Rep. seat LH Emg/Inbd cowl @ fastener r'y adding corrosion.  
& treated Airframe with Acl 32 corrosion treatment.  
Cleaned cabin floor (under carpets) of corrosion.

Jacked A/C and inspected landing gear, wheels, tires, Struts and brakes. Performed Ldg gear retraction & extension CK, repacked wheel brgs. Checked lights, Fluids, Stall Warning, Pitot heat, Battery, Props de-ice & Surface de-ice Systems and Serviced as Required. Checked cable tensions & lubed pulleys, Rod ends, Bell Cranks & hinges. Clw 91.207 ELT OPS CK, Nxt due @ 11/05, ELT Batt due @ 11/06.

Installed "new" 600-6-6PR Good year tire, (2) P/N 154013 grease seals on nose wheel, (1) P/N NH 1000897-70 clamp on RH Exh. waste bat. (2) P/N 340600-1 Check Valves on LH & RH de-ice Systems, (1) M# 29513-020 O'Ring & (1) 2-610 V835-75 O'Ring on RH Wing Sump, (1) P/N BB 2173 ELT BATT, (1) P/N M# 1934-04A012 Bushing on RH Air Box Air door, (1) 24194-LAA Hyd Pump on RH Engine (1) CMT 2666-T-8 duct in nose for Kam Air.

Patented several holes in Surface de-ice boots, Repaired Synchro phase <sup>wire connection</sup> ~~1/2~~, Repaired Panel light wires @ tach, Repaired RH heat exchanger cable control & lubed. Added a doubler on nose skin ahead of rivet well. Adjusted elevator cable tension, RH Boost Pump fuel lines loose - tightened "B" nuts - A/C hyd. light drop - trouble shot system.

Clw AD 2000-01-16 <sup>LH+RH</sup> Exhaust Check. by Visual Press. CK  
NXT due 11/05 Press., 4541.9 Hobbs VISUAL  
Nxt stat'l XONNER all due @ 5/06 (1)

①

I certify this Aircraft has been Insp.  
EAW - an 100 HR Insp. using FAR43/1D"  
and Cessna insp. forms as Guides

This Aircraft was found to be in an  
Airworthy condition and is approved  
for return to service.

applicable Ad<sup>s</sup> CK'd through  
BiWkly 2004-23.

Muzzeu W# 9673

+ Annual Sign Off



11-22-04 127024 Hubbs 4491.9

FTT 2359.8

RH Eng.

Annual  
~~1561R~~

TSMOH 875.9

Serviced engine w/12qts AS 15450 oil and C448709-1 filters (Cut old filters, no contaminants noted) Compressions:

1 70/80 2 68/80 3 70/80 4 70/80 5 67/80 6 71/80

Cleaned, gapped, tested Spark plugs & high tension leads, CK'd Mag to proper timing, CK'd Engine controls for proper travels & lubed, Cleaned fuel Screens, C/W AD2000-DTH Exh. Insp. by VISUAL & Press. CK. next due 11/05 Press. / 45-41.9 VISUAL, & installed (6) RFB32E Spark Plugs.

I Certify this Engine <sup>name</sup> ~~has been~~ <sup>using</sup> ~~is~~ <sup>found to</sup> be in an airworthy cond. and is approved for return to Src.

Signature At: 21st Nov 2004

Mizzou WOH 9673

+ Annual Sign off

11-22-04 N2702L Hobbs 4491.9 TSOH 763.2

LH Prop

Annual  
100 HR

I certify this Prop has been Insp. I saw  
an 100 HR Insp. and was found to be in an  
airworthy condition and is approved for  
return to service. Applicable Ad's did through B/Wkly

2004-23-

MIZ WO# 91073

RH Prop Same as above. —

11-22-04 N2702L Hobbs 4491.9 ETT 2975.2  
LH ENGINE 100HRC TSMOH 763.2

Serviced engine with 12qt AS15150  
& CH48109-1 filter (Cut old filter "no contaminants noted")

Compressions

1 <sup>68</sup>/<sub>80</sub> 2 <sup>71</sup>/<sub>80</sub> 3 <sup>74</sup>/<sub>80</sub> 4 <sup>66</sup>/<sub>80</sub> 5 <sup>72</sup>/<sub>80</sub> 6 <sup>65</sup>/<sub>80</sub>

(SAME AS RA from here on)



+ Annual Sign off

Address 4511.1

AFTT 4504.4

DATE: 07/15/05 ~~AFTT: 4511.1~~ A/C# N2702L

AIRFRAME: INSTALLED NEW HEATER DUCTING HOSE P/N CM3211-18A @ HEATER HOBBS 161.8. SERVICED NOSE STRUT WITH NITROGEN. MIZZOU W/O #9973

SIGNED Wendell Hurns CERT. NO# AP300859  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

N2702L

- END - AFTT 4504.4

DATE: 07/15/05 ~~TACH: 4511.1~~ ~~AFTT: 4511.1~~ A/C# N2702L

ETT 2994.4  
TSMOH 782.4

LEFT ENGINE: INSTALLED REPAIRED TSIO-520-NB ENGINE FROM CUSTOM AIRMOTIVE INC. S/N 509818. ALL OTHER ENGINE ACCESSORIES WERE INSTALLED CARRYING CURRENT TIMES. INSTALLED THE FOLLOWING NEW PARTS: PROP O-RING P/N C-3317-228, GOVERNER GASKET P/N MS-9144-01, HYDROLIC PUMP GASKET P/N 653487, SPARK PLUGS P/N RHB32E (12), EXHAUST NUTS P/N MS20500-428 (24), ALTERNATOR MOUNT NUTS P/N AN-315-5R (3), CAPACITOR P/N 76219-1, ENG BAFFLE FASTENERS P/N 41402-16 (2). FABRICATED NEW PIECE OF BAFFLING ACROSS BACK OF ENGINE AND REPAIRED SEVERAL BAFFLING PIECES. GROUND RUN-UP AND LEAK CHECKED GOOD. TEST FLOWN FOR 1.4 HRS - ALL OPERATIONS NORMAL. SERVICED ENGINE WITH 12 QTS AEROSHELL 100 MINERAL OIL. MIZZOU W/O #9973

SIGNED Wendell Hurns CERT. NO# AP300859  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

- END - Hobbs AFTT 4504.4

DATE: 07/15/05 ~~TACH: 4511.1~~ ~~AFTT: 4511.1~~ A/C# N2702L

RIGHT ENGINE: ADJUSTED TURBO CONTROLLER TO OBTAIN 41" MP @ FULL THROTTLE AND ADJUSTED PROP GOVERNER TO 2700 RPM. MIZZOU W/O #9973

SIGNED Wendell Hurns CERT. NO# AP300859  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

- END -

AFTT 4485.2 @ 4491.9

hobbs - 4511.1  
- 4491.9  
LAST ENDP. > 19.2 hr

ETT = 2994.4  
TSMOH = 782.4

782.4

4512.1

4485.2

19.2 Flown  
782.4 TSMOH

25.9 S. Annual





*Jim Bardsley Copy LE*

**WORK ORDER**  
**N9** 19476  
 Page 1 of 2

**AIRCRAFT ENGINE SERVICE**  
**FAA REPAIR STATION #OC2R783K**  
 3708 N. SHERIDAN RD. BLDG. B  
 TULSA, OK 74118-3321  
 (918) 583-8828  
 FAX (918) 583-8821

**NAME:** Mizzou Aviation  
**ATTN:** Wendell  
**ADDRESS:** 5497 Dennis Weaver Drive / Joplin Regional Airport  
**CITY:** Joplin  
**STATE:** MO  
**ZIP:** 64802  
**PHONE:** 417-623-1331  
**FAX:** 417-782-6283  
**DATE IN:** 5-25-05  
**DATE:** 5-25-05  
**SHIP VIA:**  
**P.O.:**  
**TERMS:**  
**MODEL:**  
**SERIAL NO.:** 509818  
**COPE MEMO NO.:**

ITEM NO.	QUAN.	DESCRIPTION	REMARKS
1	1 ea	TS10-520-NB Engine; T.D.I. Due to cracked crankcase	
2	6	Rebushed & resized pin ends - connecting rods	
3	1	Rebush counterweight	

*John/Wendell, 7/11*

*It's ready to go!*

*Mark*

I her work may be used, risk, either the work or of their, accident or any other cause beyond your control.

QUANTITY	PART NO & DESCRIPTION	U
6	SA-530658 rod bushing	
4	SA-639193 cwt. bushing	
2	628555-4 hose	
1	X1473 copper washer	
1	632762 fiber lock nut	
1	632224 baffle	
12	SA-630979-9 o-ring	
1	Crankcase - serviceable	
	outright (DIVCO cert.)	
1	534685 bearing	
16	SA-629104 ring	
6	630046 piston pin	
1	630899 bearing	
1	SA-633570A5 gasket set	
16	SA-643629 plate	
1	SA-641250 seal	
4	SA-638172 cushion	
2	SA-641909 tab	
12	SA-642398 rod bearing	
1	SA-646592A1 bearing set	
12	AN381-25-10 key	
2	MS-35756-8 key	
1	CM-48108-1 oil filter	
12	SA-646277 lifter	
	TOTAL PARTS continued pag	
	SUBLET	
1	Ultrasonic crankshaft	
1	Regrind camshaft & cent	
1	Replate external steel	
1	Replate crank flange	
	TOTAL SUBLET	

TOTAL LABOR	
TOTAL PARTS	
TOTAL SUBLET	
FREIGHT	
TAX	
TOTAL	

AUTHORIZED BY





# Custom Airmotive, Inc.

AIRCRAFT ENGINE SERVICE  
 FAA REPAIR STATION #DC2R769K  
 2702 N SHERIDAN RD - BLDG B - TULSA - OK - 74115  
 918.836.6836 FAX 918.836.9431

## ENGINE RUN-IN SHEET

CUSTOMER Mizzou Aviation	W.O. NO. 19476
ADDRESS 5497 Dennis Weaver Drive	DATE 7-11-05
CITY, STATE, ZIP Joplin, MO 64802	ENGINE MODEL TS10-520-NB
FUEL OCTANE = AVGAS 100 LL	SERIAL NO. 509818

NO.	DURATION (MINUTES)	R.P.M.	OIL PRESS (PSI)	C.H.T. (deg. F)	MANIFOLD PRESS (PSI)	OIL TEMP (deg. C)	FUEL PRESS (PSI) PUMP/NOZ	CRANKCASE PRESS (in. H2O)
1	10	1200	80	275	16	60	10	0
2	10	1800	64	350	18	82	14	1/8"
3	10	2100	adjusted 61	350	21	80	15	1/4"
4	30	2450	60	350	23	90	19	1/2"
5	5	2700	62	350	27.5	90	20	1 1/2"
6	5	750	22	250	15	80	7	0
7								
8								
9								
10								
11								
12								

REMARKS: Start 36.3 end 37.4

MAG CHECK - START: OK END: OK

OIL - START: 12 END: 12 qt.

MECHANIC

*[Signature]*

INSPECTED

*[Signature: Mark L. Luttinger]*

1-25-06 Signoff

# Equipment List for N2702L

## MIZZOU AVIATION

PMB #400  
P.O. BOX 1446  
JOPLIN MO 64802  
[417]623-1331 ph  
[471]782-6283 fax

### Airframe

Make	CESSNA AIRCRAFT CORP.	Current time	Hobbs 4513.1
Model	414A	Total time	AFTT 4506.4 (6.7 DIFF.)
Serial number	414A0608	Certification date	
Notes:	ANNUAL INSPECTION NXT DUE by @ 2/07 (signoff 1/25/06) ALT /STATIC/TXPR ALL DUE @ 5/06 ELT BATTERY DUE @ 11/06 AD 00-01-16 EXH INSP DUE @ 4563.1 VISUAL—PRESS @ 1/07 AD 05-20-25 avionics switch due BY 12/06 HYD. FILTERS DUE @ 4762.4 HOBBS NOTE HOBBS RAN 6.7 HRS. ON JACKS DURING ANNAUL INSP. @ 2002 insp. (AFTT 6.7 hrs less than hobbs)		

### Engine 1

Make	TELEDYNE CONTINENTAL MOTORS	Location	Left
Model	TSIO-520 SERIES	Total time	ETT 2996.4 @ 4513.1 hobbs
Serial Number	509818	TSMOH	TSO 784.4 @ 4513.1 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP. @ 2003 Engine repaired with serviceable cases @ custom airmotive @ 4511.1 hobbs see log entry dated 7/15/05		

### Engine 2

Make	TELEDYNE CONTINENTAL MOTORS	Location	Right
Model	TSIO-520 SERIES	Total time	ETT 2381.0 @ 4513.1 hobbs
Serial Number	R-521612	TSMOH	TSO 897.1 @ 4513.1 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP. @ 2003		

### Prop 1

Make	HARTZELL	Blade	
Model	PHC-C3Y SERIES	Total Time	unknown
Serial Number	EB1554	TSMOH	TSO 784.4 @ 4513.1

2/4/2006  
Page 1 of 3

Hub Notes

HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.

hobbs

**Prop 2**

Make  
Model  
Serial Number

HARTZELL  
PHC-C3Y SERIES  
EB-1542

Blade  
Total Time  
TSMOH

unknown  
TSO 784.4 @ 4513.1  
hobbs

Hub Notes

HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.

**Appliances**

**Make**

**Model**

AIR FILTERS

INDUCTION AIR FILTERS

Donaldson

Serial #

Part # P12-8156

Location LH

Notes: INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs

INDUCTION AIR FILTERS

PAPER AIR FILTERS

Serial #

Part # P12-8156

Location RH

Notes: INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs

GOVERNORS

WOODWARD GOVERNOR CO.

MODEL 210 SERIES GOVERNORS

Serial #

Part #

Location

Notes:

HEATERS

JANITROL AERO DIVISION (MIDLAND-ROSS CORP.)

COMBUSTION HEATERS B1500, B2030, B2500, B3040, B3500, B4050, B4500

Serial # S/N 0057

Part # CD 14026

Location Front

Notes: NEW HTR INSTALLED @ 128.3 HTR HOBBS-8/2000 CURRENT HTR HOBBS 161.9-1/06 @ 4513.1 A/C HOBBS

MAGNETOS

SLICK ELECTRO, INC.

6320

Serial #

Part # 94090006lh & 94090007 rh

Location

Notes: 500 hr mag insp. c/w @4248.1 c/w @4248.1 hobbs nxt due @ 4748.1

SLICK ELECTRO, INC.

MAGNETOS

Serial #

Part #

Location

Notes:

VACUUM

AIRBORNE MANUFACTURING, INC.  
(FORMERLY AIRBORNE  
MECHANISMS)

442CW

Serial # 9AJ826

Part # 442CW

Location Right

Notes:

---

AIRBORNE MANUFACTURING, INC.  
(FORMERLY AIRBORNE  
MECHANISMS)

442CW,

Serial # 4AL233

Part # 442CW

Location Left

Notes:

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NAVIGATION

GARMIN INTERNATIONAL

GNS 430 UNIT

Serial # 97103643

Part #

Location

Notes:

---

1-25-06 N2702L Hobbs 4513.1 AFTT 4506.4

Airframe;

100 HR

Jacked a/c & Insp. landing gear, wheels, tires, struts & brakes, Repacked wheel Bagg. Performed gear retraction and extension test. Checked lights, stall warning, Pitot heat Battery, Prop & Surface de Ice Systems. Serviced Fluids as required. Checked cable tensions, Lubed pulleys, Rod ends, hinges & Bell cranks. Performed ~~ELT test per 91.207~~ ~~NXT due 1/07, Batt due @ 11/06.~~

Installed (2) P/N Vortex Generators per STC. ON RH INBD WING. O<sub>2</sub> bottle and Blow down bottle <sup>TOP</sup> Hydro TESTED - NXT due 1/2011 (BOTH) Installed Entry door extender P/N 5211369-11, clip P/N A 9002. Performed Flap rigging & adjustments made per §. Manual. Serviced Struts w/hyd. Fluid & Nitrogen.

Installed P/N 2060-1 S/N IIL-00101 TURBO from Ram on LH Engine, Repaired LH turbo heat box Shroud w/ doubler. Clw AD 00-01-16 by Pressure. Testing & visual Insp. OF LH & RH exhaust Systems NXT due 1/07 Press. 4563.1 AIT/Static/typr due 5/06 Performed 91.207 ELT OPSCK due next @ 1/07 ELT Batt due 11/06

I Certify this Airframe has been insp. IACW an 100HR Insp. using FAR 43 app. D & Cessna Insp. forms as guides, and was found to be in an airworthy condition and is approved for return to service.

Applicable ADs C'd through BULKY - 2006-01

MEAWW# 10294 *Wendell Kessie* #P 300889 EA dated 12/29/11

+ ANNUL I Certify & Originally signed off on this WO.

INSTALLED (4) NEW SCUP JOINTS P/N 1001-3 FROM KAM PER SIC 245. 315W  
REPAIRED BROKEN WIRE ON LIGHT @ SWITCH  
→ Airframe de Ice Valve

1-25-06 N2702L Hobbs 4513.1 ETT 2996.4 TSOH 784.4  
LH ENGINE 100HR

Serviced engine w/ 12qt. AF 15W50 OIL & CH48109-1  
filters - Cut old filters - no metal noted. Compressions  
#1  $6\frac{1}{80}$  #2  $7\frac{1}{80}$  #3  $6\frac{1}{80}$  #4  $6\frac{1}{80}$  #5  $7\frac{1}{80}$  #6  $7\frac{1}{80}$ . Cleared, gapped & tested  
Spark Plugs. Checked high tension leads, Checked Mag to Engine timing  
Checked engine controls for proper travels & lubed. Cleaned  
fuel screens. Installed (2) RHB32E Spark Plugs. Installed  
"NEW RAR TURBO" P/N 2060-1 S/N IIL-00101. Repaired  
turbo heat box by adding doubler. CW AD00-01-16 Exhaust.  
by Insp. by Pressure check + VISUAL Insp. NEXT due @ 1/07  
Press and 4563.1 VISUAL.

I certify this Engine has been insp. I saw  
an <sup>100hr</sup> Annual Insp. using FAA 43 app. D & Cessna  
Insp. forms as guides and was found to be in an  
airworthy condition and is approved for Return  
to Service. Applicable ADS CK's thru 2006-01  
Hizzen Aviation Co # 1294 W. ~~W. W. W.~~ #300859 ~~at~~ 12/29/11

I certify I originally signed off on this COO  
& Annual

1-25-06 N2702L Hobbs 4513.1 ETT 2381.0 TSOH 897.1  
RH ENGINE 100 HR

Serviced engine w/12 qts AS15W50 & CH48109-1  
filter - Cut old filter - no metal notes. Compressions  
1 7<sup>3</sup>/<sub>8</sub> 2 7<sup>3</sup>/<sub>8</sub> 3 7<sup>3</sup>/<sub>8</sub> 4 7<sup>1</sup>/<sub>8</sub> 5 6<sup>8</sup>/<sub>8</sub> 6 6<sup>5</sup>/<sub>8</sub>. Cleaned, gapped  
& tested Spark plug, CK'd high tension leads, CK'd Mag to  
engine timing. Checked engine controls for proper  
travels & Lubed. Cleaned Fuel screens.

CLW AD00-01-14 Exhaust Insp. by Press. CK  
& Visual Insp. Nxt due @ 1/07 Press. CK and 4563.1 Visual

I certify this engine has been Insp. IAW  
an 100hr Insp. using FAR 43 app. D & Cessna Insp.  
forms as Guides and was found to be in an Airworthy  
Condition and is Approved for Return to Service.  
Applicable AIs CK'd thru 2006-01

1-25-06 N2702L Hobbs 4513.1 PTT ? TSOH 784.4  
PROPS CH & RH SAME 100 HR

*Wendy Marie* AIP 3008859 IA 12/29/11  
I Certify I Originally signed off on this w.o

ELI DAMI and now  
ALT/Static/txpr now

1-25-06 Signoff

2007

4536.4 2/07

# Equipment List for N2702L

## MIZZOU AVIATION

PMB #400  
P.O. BOX 1446  
JOPLIN MO 64802  
[417]623-1331 ph  
[471]782-6283 fax

1/2011 } 02  
Blowdown Bottles due

### Airframe

Make	CESSNA AIRCRAFT CORP.	Current time	Hobbs 4513.1
Model	414A	Total time	AFTT 4506.4 (6.7 DIFF.)
Serial number	414A0608	Certification date	
Notes:	ANNUAL INSPECTION NXT DUE by @ 2/07 (signoff 1/25/06) ALT/STATIC/txpr ALL DUE @ 5/06 ELT BATTERY DUE @ 1/06 AD 00-01-16 EXH INSP DUE @ 4536.4 VISUAL—PRESS @ 1/07 AD 05-20-25 avionics switch due BY <i>Clw</i> 2/10/06 <i>WO #10352</i> 12/06 HYD. FILTERS DUE @ 4762.4 HOBBS NOTE__ HOBBS RAN 6.7 HRS. ON JACKS DURING ANNAUL INSP. @ 2002 insp. ( AFTT 6.7 hrs less than hobbs)		

### Engine 1

Make	TELEDYNE CONTINENTAL MOTORS	Location	Left
Model	TSIO-520 SERIES	Total time	ETT 2996.4 @ 4513.1 hobbs
Serial Number	509818	TSMOH	TSO 784.4 @ 4513.1 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP. @ 2003 Engine repaired with serviceable cases @ custom airmotive @ 4511.1 hobbs see log entry dated 7/15/05		

### Engine 2

Make	TELEDYNE CONTINENTAL MOTORS	Location	Right
Model	TSIO-520 SERIES	Total time	ETT 2381.0 @ 4513.1 hobbs
Serial Number	R-521612	TSMOH	TSO 897.1 @ 4513.1 hobbs
Notes:	HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP. @ 2003		

### Prop 1

Make	HARTZELL	Blade	
Model	PHC-C3Y SERIES	Total Time	unknown
Serial Number	EB1554	TSMOH	TSO 784.4 @ 4513.1



hobbs

Hub Notes

HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.

**Prop 2**

Make  
Model  
Serial Number

HARTZELL  
PHC-C3Y SERIES  
EB-1542

Blade  
Total Time  
TSMOH

unknown  
TSO 784.4 @ 4513.1  
hobbs

Hub Notes

HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL INSP.

**Appliances**

Make

Model

AIR FILTERS

INDUCTION AIR FILTERS

Donaldson

Serial #

Part # P12-8156

Location LH

Notes: INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs

INDUCTION AIR FILTERS

PAPER AIR FILTERS

Serial #

Part # P12-8156

Location RH

Notes: INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs

GOVERNORS

WOODWARD GOVERNOR CO.

MODEL 210 SERIES GOVERNORS

Serial #

Part #

Location

Notes:

HEATERS

JANITROL AERO DIVISION (MIDLAND-ROSS CORP.)

COMBUSTION HEATERS B1500, B2030, B2500, B3040, B3500, B4050, B4500

Serial # S/N 0057

Part # CD 14026

Location Front

Notes: NEW HTR INSTALLED @ 128.3 HTR HOBBS-8/2000 CURRENT HTR HOBBS 161.9-1/06 @ 4513.1 A/C HOBBS

*TSN 41.2 @ 4536.6 AC Hobbs*

*2/07 - 169.5  
8/00 - 128.3  
41.2*

MAGNETOS

SLICK ELECTRO, INC.

6320

Serial #

Part # 94090006lh & 94090007 rh

Location

Notes: 500 hr mag insp. c/w @4248.1 c/w @4248.1 hobbs nxt due @ 4748.1

SLICK ELECTRO, INC.

MAGNETOS

Serial #

Part #

Location

Notes:

*to 211.5 hrs  
to 500*

*Last 288.0 hrs since  
500 hr Insp.  
9/19/97*

*104 hrs ago*

VACUUM

AIRBORNE MANUFACTURING, INC.  
(FORMERLY AIRBORNE  
MECHANISMS)

442CW

Serial # 9AJ826

Part # 442CW

Location Right

Notes:

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AIRBORNE MANUFACTURING, INC.  
(FORMERLY AIRBORNE  
MECHANISMS)

442CW,

Serial # 4AL233

Part # 442CW

Location Left

Notes:

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NAVIGATION

GARMIN INTERNATIONAL

GNS 430 UNIT

Serial # 97103643

Part #

Location

Notes:

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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# A+P 356405775 1A  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

DATE: 3/09/2007 HOBBS: 4536.6 A/C# N2702L 100 HOUR

LEFT PROP : CHECKED PROP HEAT BRUSHES, BOOTS, PROP CONDITION, SPINNER AND BACK PLATE. I CERTIFY THIS PROP HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION USING FAR 43 APPENDIX D AND CESSNA INSPECTION FORMS AS GUIDES. THIS PROP WAS FOUND TO BE IN AN 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# A+P 356405775  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

DATE: 3/09/2007 HOBBS: 4536.6 A/C# N2702L 100 HOUR

RIGHT PROP : CHECKED PROP HEAT BRUSHES, BOOTS, PROP CONDITION, SPINNER AND BACK PLATE. I CERTIFY THIS PROP HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION USING FAR 43 APPENDIX D AND CESSNA INSPECTION FORMS AS GUIDES. THIS PROP WAS FOUND TO BE IN AN 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# A+P 356405775  
MIZZOU AVIATION REGIONAL AIRPORT JOPLIN MO. 64801

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

RIGHT ENGINE : SERVICED ENGINE WITH 12 QUARTS OF AS15W50 OIL AND A NEW CH48109-1 OIL FILTER. CUT OLD FILTER, NO METAL CONTAMINANTS NOTED. CHECKED COMPRESSIONS: #1 66/80, #2 73/80, #3 73/80, #4 70/80 #5 70/80 #6 70/80. CLEANED, REGAPPED AND TESTED SPARK PLUGS. CHECKED HIGH TENSION LEADS. CHECKED MAG TO ENGINE TIMING. CHECKED ENGINE CONTROLS FOR PROPER MOVEMENT, TRAVELS AND LUBED. CLEANED FUEL SCREENS. INSTALLED (3) NEW SPARK PLUGS, P/N RHB32E. INSTALLED NEW INDUCTION ELBOW, P/N 1111-1 FROM RAM AIRCRAFT IN INBOARD POSITION. C/W AD 00-01-16 BY VISUAL INSPECTION AND PRESSURE CHECK OF EXHAUST SYSTEM PER PAR'S B,C AND E. NO DEFECT NOTED, NEXT DUE VISUAL HOBBS: 4586.6, 4636.6. PRESSURE AND VISUAL DUE 3/08. REMOVED, DISASSEMBLED AND CLEANED MAGNETOS DUE TO RUST BUILD UP INTERNALLY. INSTALLED NEW SHAFT SEAL, P/N M3062 AND POINT SET, P/N M3081 IN R/H MAGNETO AND SET E-GAP. CLEANED AND INSPECTED L/H MAGNETO AND CHECKED E-GAP. TEST RAN BOTH MAGNETOS ON TEST BENCH. INSTALLED BOTH MAGNETOS USING NEW GASKETS, P/N 649954 AND TIMED TO ENGINE. CLEANED INJECTOR FUEL INLET SCREEN. WASHED ENGINE. ENGINE RUN UP REVEALED LEAN IDLE SITUATION. SET IDLE MIXTURE AND IDLE RPM. NO LEAKS NOTED. 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. APPLICABLE AD'S CHECKED THROUGH BI-WEEKLY 2007-05. MIZZOU WO #10738.

SIGNED Robert T. Harris  
MIZZOU AVIATION REGIONAL AIRPORT

CERT. NO# A+P 3564057751A  
JOPLIN MO. 64801

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

LEFT ENGINE : SERVICED ENGINE WITH 12 QUARTS OF AS15W50 OIL AND A NEW CH48109-1 OIL FILTER. CUT OLD FILTER, NO METAL CONTAMINANTS NOTED. CHECKED COMPRESSIONS: #1 75/80, #2 72/80, #3 70/80, #4 72/80 #5 70/80 #6 72/80. CLEANED, REGAPPED AND TESTED SPARK PLUGS. CHECKED HIGH TENSION LEADS. CHECKED MAG TO ENGINE TIMING. CHECKED ENGINE CONTROLS FOR PROPER MOVEMENT, TRAVELS AND LUBED. CLEANED FUEL SCREENS. REMOVED, DISASSEMBLED AND CLEANED MAGNETOS DUE TO RUST BUILDUP ON ROTATING MAGNET. INSTALLED NEW SHAFT SEALS, P/N M3062 AND POINT SETS, P/N M3081 IN BOTH MAGNETOS AND SET E GAP. TEST RAN MAGNETOS ON BENCH AND REINSTALLED USING NEW GASKETS, P/N 649954. CLEANED INJECTOR FUEL INLET SCREEN. WASHED ENGINE. CHECKED INDUCTION ELBOWS FORHOLES AND SECURITY. C/W AD 00-01-16 BY VISUAL AND PRESSURE CHECK PER PAR'S B,C AND E. NO DEFECTS NOTED, NEXT DUE VISUAL, HOBBS: 4586.6, 4636.6, PRESSURE AND VISUAL DUE 3/08. ENGINE RUN UP NORMAL. 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. APPLICABLE AD'S CHECKED THROUGH BI-WEEKLY 2007-05. MIZZOU WO #10738.

SIGNED Robert T. Harris  
MIZZOU AVIATION REGIONAL AIRPORT

CERT. NO# A+P 3564057751A  
JOPLIN MO. 64801

# Equipment List for N2702L

**Company** Mizzou Aviation  
**Address** PMB #400., PO Box 1446 5497 Dennis Weaver Dr, Joplin  
 Regional Airport  
**City, State Zip** Joplin MO 64802  
**Phone** 417-623-1331  
**Fax** 471-782-6283

4-24-08

## Airframe

**Make** CESSNA AIRCRAFT CORP.  
**Model** 414A  
**Serial number** 414A0608  
**Notes:** ANNUAL INSPECTION NXT DUE by @ 4/09  
 ALT./STATIC/TXPR ALL DUE @ 3/09  
 ELT BATTERY DUE @ 2/09  
 AD 00-01-16 EXH INSP DUE @ 4594.1 VISUAL---  
 PRESS @ 4/09  
 HYD. FILTERS DUE @ 4762.4 HOBBS  
 NOTE:--- HOBBS RAN 6.7 HRS. ON JACKS DURING  
 ANNUAL INSP.@ 2002 insp.( AFTT 6.7 hrs less than  
 hobbs)

**Current time** Hobbs 4544.1  
**Total time** AFTT 4537.4 (6.7 DIFF.)  
**Certification date**

## Engine 1

**Make** TELEDYNE CONTINENTAL MOTORS  
**Model** TSIO-520 -NB  
**Serial Number** 509818  
**Notes:** HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL  
 INSP. @ 2002 Engine repaired with serviceable  
 cases @ custom airmotive @ 4511.1 hobbs see log  
 entry dated 7/15/05  
 crankshaft s/n G149401N. TCM cyl.

**Location**  
**Total time** Left  
 3027.4 @ 4544.1  
 hobbs  
 TSO 815.4 @ 4544.1 hobbs  
**TSMOH**

## Engine 2

**Make** TELEDYNE CONTINENTAL MOTORS  
**Model** TSIO-520 -NB  
**Serial Number** R-521612  
**Notes:** HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL  
 INSP. @ 2002. crankshaft 649898R  
 s/n G139408N. TCM cyl.

**Location**  
**Total time** Right  
 2412.0 @ 4544.1  
 hobbs  
 TSO 928.1 @ 4544.1 hobbs  
**TSMOH**

## Prop 1

**Make** HARTZELL  
**Model** PHC-C3YF-2UF  
**Serial Number** EB1554  
**Hub Notes** HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL  
 INSP. 2002.

**Blade** E96095 H42160  
 E96088  
**Total Time** unknown  
**TSMOH** TSO 815.4 @ 4544.1  
 hobbs

## Prop 2

**Make** HARTZELL  
**Model** PHC-C3YF-2UF  
**Serial Number** EB-1542  
**Hub Notes** HOBBS RAN 6.7 HRS. ON JACKS DURING ANNUAL  
 INSP. 2002

**Blade** E90966 E90967  
 E83310  
**Total Time** unknown  
**TSMOH** TSO 815.4 @ 4544.1  
 hobbs

# Equipment List for N2702L

## Appliances

AIR FILTERS	INDUCTION AIR FILTERS	Donaldson		
	<b>Serial #</b> <b>Notes:</b> INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs	<b>Part #</b> P12-8156	<b>Location</b> LH	
	INDUCTION AIR FILTERS	PAPER AIR FILTERS		
	<b>Serial #</b> <b>Notes:</b> INDUCTION AIR filters installed @ 4432.2 nxt due @ 4932.2 hrs	<b>Part #</b> P12-8156	<b>Location</b> RH	
GOVERNORS	WOODWARD GOVERNOR CO.	A210710		
	<b>Serial #</b> 2120693U <b>Notes:</b>	<b>Part #</b> XX	<b>Location</b> Left	
	WOODARD	A210710		
	<b>Serial #</b> 2123079U <b>Notes:</b>	<b>Part #</b> XX	<b>Location</b> Right	
HEATERS	C&D Associates	CD 45K		
	<b>Serial #</b> 0057 <b>Notes:</b> NEW HTR INSTALLED @ 128.3 HTR HOBBS- 8/2000 Mfg date 8/00 CURRENT HTR HOBBS 169.5--4/08 @ 4544.1 A/C HOBBS; HEATER HAS 41.2 HRS.TIME SINCE NEW @ 4544.1 HOBBS PRESS TEST DUE 1000 HRS TIS NO AD's on C&D Assoc. 4/08	<b>Part #</b> CD 14026	<b>Location</b> Front	
	C&D Associates	Air Switch		
	<b>Serial #</b> xx <b>Notes:</b>	<b>Part #</b> CD21428	<b>Location</b>	
MAGNETOS	SLICK ELECTRO, INC.	6320		
	<b>Serial #</b> <b>Notes:</b> 500 hr mag insp. c/w @ 4281. hobbs; c/w @4248.1 hobbs nxt due @ 4748.1	<b>Part #</b> 94090006lh & 94090007 rh	<b>Location</b>	
	SLICK ELECTRO, INC.	MAGNETOS		
	<b>Serial #</b> <b>Notes:</b>	<b>Part #</b>	<b>Location</b>	
VACUUM	AIRBORNE MANUFACTURING, INC.	442CW		
	(FORMERLY AIRBORNE MECHANISMS) <b>Serial #</b> 9AJ826 <b>Notes:</b>	<b>Part #</b> 442CW	<b>Location</b> Right	

# Equipment List for N2702L

	AIRBORNE MANUFACTURING, INC. (FORMERLY AIRBORNE MECHANISMS) Serial # 4AL233 Notes:	442CW, Part # 442CW	Location	Left
NAVIGATION	GARMIN INTERNATIONAL Serial # 97103643 Notes:	GNS 430 UNIT Part #	Location	
STARTERS	Prestolite Serial # A-96948 Notes:	xx Part # MHJ 4003	Location	Left
	Electrosystems Serial # 4052905 Notes:	xx Part # MHJ 4003S	Location	Right
ALTERNATORS	GARDEN AVIATION Serial # F039307.OR Notes:	649304 TCM Part # XX	Location	Right
	Crittenden Serial # A139403.OR Notes: Installed 5/26/95 @ 3959.1	xx Part # 649304	Location	Left
FUEL PUMPS	TCM Serial # J018501RB Notes: Installed 9/26/94	xx Part # 632818-11A5	Location	Right
RADIO EQUIPMENT	xx Serial # 6054300 Notes: Installed 7/25/02	SL70 Part # SL70	Location	
TURBOCHARGE RS	AID Serial # PIR0150R Notes: OH 10/7/94 by RAM A/C Corp, Waco TX LE	xx Part # 407810-9001	Location	

DATE: 04/22/08 HOBBS: 4544.1 AFT: 4537.4 A/C # N2702L  
 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, PULLEYS, 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. A7P 3564051751A  
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN, MO 64801

DATE: 04/22/08 HOBBS: 4544.1 ETT: 3027.4 TSO 815.4 A/C # N2702L 100 HOURS  
 LEFT ENGINE: CLEANED, GAPPED TESTED SPARK PLUGS COMPRESSION (1) 66/80 (2) 60/80 (3) 68/80 (4) 66/80 (5) 68/80 (6) 62/80. CLEANED FUEL INLET SCREEN. CHECKED ENGINE CONTROLS FOR SECURITY AND OPERATION AND LUBED. C/W AD 00-01-16 EXHAUST PRESSURE & VISUAL INSPECTION. NO DEFECTS NOTED, NEXT DUE 4-09. VISUAL DUE 4594.1 HOBBS. INSTALLED NEW P/N 5650204-22 OUTBD HEAT SHROUD BRACKET. REPAIRED INBD WIRE BUNDLE SHIELD. CHECKED MAGNETO TO ENGINE TIMING. THIS ENGINE WAS INSPECTED IAW AN 100 HOUR INSPECTION USING FAR 43 APP "D" AND CESSNA INSPECTION FORMS AS GUIDES. THIS ENGINE WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. APPLICABLE AD'S CHECKED THRU BI-WEEKLY 2008-08. MIZZOU WO #11132

SIGNED Robert T. Harris CERT. NO. A7P 3564051751A  
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN, MO 64801

DATE: 04/22/08 HOBBS: 4544.1 ETT: 2412.0 TSO 928.1 A/C # N2702L 100 HOURS  
 RIGHT ENGINE: CLEANED, GAPPED TESTED SPARK PLUGS COMPRESSION (1) 66/80 (2) 70/80 (3) 66/80 (4) 69/80 (5) 69/80 (6) 70/80. CHECKED ENGINE CONTROLS FOR SECURITY AND OPERATION AND LUBED. C/W AD 00-01-16 EXHAUST PRESSURE & VISUAL INSPECTION. NO DEFECTS NOTED, NEXT DUE 4-09. VISUAL DUE 4594.1 HOBBS. INSTALLED NEW P/N 5650204-21 OUTBD HEAT SHROUD BRACKET. INSTALLED NEW HEAT SHROUD #10 NUT PLATE. CHECKED MAGNETO TO ENGINE TIMING. ENGINE RUN UP NORMAL, NO LEAKS NOTED. THIS ENGINE WAS INSPECTED IAW AN 100 HOUR INSPECTION USING FAR 43 APP "D" AND CESSNA INSPECTION FORMS AS GUIDES. THIS ENGINE WAS FOUND TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. APPLICABLE AD'S CHECKED THRU BI-WEEKLY 2008-08. MIZZOU WO #11132

SIGNED Robert T. Harris CERT. NO. A7P 3564051751A  
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN, MO 64801

DATE: 04/22/08 HOBBS: 4544.1 TT: UNKNOWN TSO 815.4 A/C # N2702L 100 HOUR  
 LEFT PROP: I CERTIFY THIS PROP HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION & WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. AD'S CHECKED THROUGH BI-WEEKLY 2008-08 TO SERVICE. MIZZOU WO #11132

SIGNED Robert T. Harris CERT. NO. A7P 3564051751A  
 MIZZOU AVIATION REGIONAL AIRPORT JOPLIN, MO 64801

DATE: 04/22/08 HOBBS: 4544.1 TT: UNKNOWN TSO 815.4 A/C # N2702L 100 HOUR  
 RIGHT PROP: I CERTIFY THIS PROP HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION & WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE. AD'S CHECKED THROUGH BI-WEEKLY 2008-08 TO SERVICE. MIZZOU WO #11132

SIGNED Robert T. Harris CERT. NO. A7P 3564051751A  
 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 *Wendell Laurie*  
MIZZOU AVIATION CRS AKCRI39C REGIONAL AIRPORT

DATE: 7-12-11  
JOPLIN, MO 64801

DATE: 11/1/11

*Hobbs 4545.0*

A/C # N2702L

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

SIGNED WENDELL H. LAURIE *Wendell Laurie*  
MIZZOU AVIATION CRS AKCRI39C REGIONAL AIRPORT

DATE: 11-1-11  
JOPLIN, MO 64801

**Mizzou Aviation**  
 Joplin Regional Airport  
 PMB #400, P. O. Box 1446  
 Joplin, Missouri 64802  
 417/623-1331 Fax: 417/782-6283

Shop Order: 11937

Opened: 1/26/2011

Closed: 1/26/2011

Sold To: JAMES BERGTOLD  
 410 SUGAR FORK ROAD  
 GOODMAN, MO 64843

Department: Shop

<b>Aircraft Number:</b>	<b>N2702L</b>	<b>Type:</b>	<b>C-414A</b>	<b>S/N:</b>	
Eng#	Type	S/N	Time	Cycles	Prop Type
1					

**Discrepancy: 1**

**Problem:**  
 NEED TO SERVICE AND CHARGE NEW BATTERY.

**Action Taken:**  
 SERVICED AND CHARGED NEW BATTERY, P/N G246 S/N G02321347.

Charges This Item:	0.50 Hours @	68.00	34.00
	Total For This Discrepancy:		34.00

Part Number	Description	Credit	Quantity	Units	Unit Price	Extended
G246	BATTERY, 24V S/N G02321347		1.00	Each	433.995	434.00
ACID	BATTERY ACID		3.00	Each	4.730	14.19

<b>Summary:</b>						34.00
Total Parts:	448.19	Total Labor - 0.50 Hours:				

<b>Totals:</b>						<b>482.19</b>
	<b>SubTotal:</b>					<b>35.07</b>
	<b>Sales Taxes:</b>					<b>517.26</b>
	<b>Total Due:</b>					<b>517.26</b>
	<b>Added To Account:</b>					<b>517.26</b>

Thank you very much. Your business is appreciated.

*Handwritten:*  
 Credit Card  
 Bond of Training  
 Mastercard