

# Propeller Maintenance Record

## LEFT ENGINE

Hub Serial: E9016  
Hub Model: 23D40  
Blade Design: 7035A-9  
Blade Ser. No's. \_\_\_\_\_  
No. 1 N763711  
No. 2 N734584  
No. 3 N734585  
No. 4 \_\_\_\_\_

## PITCH RANGE

High \_\_\_\_\_ Low \_\_\_\_\_  
Feather \_\_\_\_\_ Reverse \_\_\_\_\_  
Start \_\_\_\_\_ Index \_\_\_\_\_

Hub \_\_\_\_\_  
Hub \_\_\_\_\_  
Blade \_\_\_\_\_  
Blade \_\_\_\_\_

N 4914 X

To compute Time since OH  
on Prop SW E9016

Tach - 864.0 = TSOH

Ref. 7-7-94

Tach - 3738.6 = Time since AD.  
2 compliance

## PITCH RANGE

High \_\_\_\_\_ Low \_\_\_\_\_  
Feather \_\_\_\_\_ Reverse \_\_\_\_\_  
Start \_\_\_\_\_ Index \_\_\_\_\_



PROPELLER MAINTENANCE AND OVERHAUL RECORD  
INSPECTION, MAINTENANCE, REPAIR AND ALTERATIONS,  
SERVICE LETTERS, SERVICE BULLETINS AND AD NOTES.

**PROPELLER LOG**

DATE: 7-10-07 N 4914X

TACH/HOBBS: 3820.3

Dynamic Balance and Vibration Spectrum tracked the aircraft propeller-engine combo as per "specs" set forth in publication "Smooth Propeller" AW-9511-2 and subsequent update PN 8016 by Chadwick Helmath Co., El Monte, CA. Initial imbalance: .19 IPS. Balance RPM: 2040 ; Wt. Pkg: 54 gms  
ac approved hardware installed on parcel half bolts - saftied  
Prop. Hamilton Std. E9016 AW 23D40; ENG R 1340-SIHG

Final confirmation balance .06

IPS - This aircraft approved for return to service. -

END -

CHADWICK HELMUTH 192A  
SPECTRUM ANALYZER  
CALIBRATED 9-06

A&P47682641A  
JEFFRIES AIRWORKS  
985-507-9981

SIGNATURE

**PROPELLER MAINTENANCE AND OVERHAUL RECORD  
INSPECTION, MAINTENANCE, REPAIR AND ALTERATIONS,  
SERVICE LETTERS, SERVICE BULLETINS AND AD NOTES.**

| DATE    | TACH TIME        | DESCRIPTION OF WORK  | SIGNATURE     |
|---------|------------------|--|---------------|
| 2-22-08 | 3921.9           | Tech. Inspected in accordance with inspection & found to be airworthy  | AJP 440722654 |
| 3-3-09  | Tach time 4227.1 | Time since overhaul 3363.1<br>Dressed nicks and painted blades. 100 hour inspection complied with.   | A&P 440722654 |
| 2-27-10 | Tach time 4482.1 | Time since overhaul 3618.1<br>I certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. | A&P 440722654 |

**PROPELLER MAINTENANCE AND OVERHAUL RECORD  
INSPECTION, MAINTENANCE, REPAIR AND ALTERATIONS,  
SERVICE LETTERS, SERVICE BULLETINS AND AD NOTES.**

| DATE    | TACH TIME  | DESCRIPTION OF WORK   | SIGNATURE                                 |
|---------|--|---|---|
| 3-3-11  | Tach time 4662.2<br>AD 81-13-06 R2 due May 2012. | TSOH 3798.2<br>I certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. | N4914X<br><i>John Watkins</i> A&P 2054825 |
| 3-19-12 | Tach time 4841.3<br>AD 81-13-06 R2 due May 2012. | TSOH 3977.3<br>I certify that this propeller has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. | N4914X<br><i>John Watkins</i> A&P 2054825 |
| 7-17-12 | Tach time  | 4852.0 Prop removed for A.D. compliance   | <i>John Watkins</i> A&P 2054825           |

SEE OTHER SIDE

# Maintenance Release

Part Hamilton Standard

Model 23D40

The component identified above was repaired/  
examined and inspected in accordance with  
current Federal air regulations and was found  
air-worthy for return to service. Pertinent details  
of the repair are on file at this agency under Work  
Order No. 16076

Date 2-6-13

Signed *Ch. Mc*  
Authorized individual

**PRECISION PROPELLER SERVICE, INC.**

Weid County Municipal Airport  
631 Buss Ave., Greeley, CO 80631

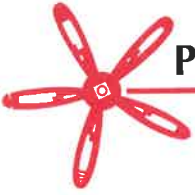
(970) 352-8578

FAA APPROVED REPAIR STATION  
NO. UB3R887L

SIGNATURE

*Ch. Mc*  
*A. Curtis*

2366 VED/1/14/13



# PRECISION PROPELLER SERVICE, INC.

FAA Approved  
Repair Station No. UB3R887L  
631 Buss Ave.  
Weld County Municipal Airport  
Greeley, CO 80631  
(970) 352-8578  
(800) 352-8578

Invoice Number 16076  
Invoice Date 02/06/13  
Customer Number 971  
Date In  
Date Out 02/06/13  
Tax Rate 0.00

**Sold To:**

FARMER AERIAL AG, LLC  
DAN  
PO 565  
BOISE, OK 73933  
580-544-2676

**Ship To:**

BOISE, OK 73933

**Hub**

Model: 23D40

Mfg: HAM. STD.

Serial #: E9016

**Blade**

Model: 7035A-9

Mfg: HAM. STD.

Serial #1: 763611

Serial #2: N734585

Serial #3: N734584

Serial #4:

**Service Description**

DISASSEMBLE, CLEAN AND INSPECT BLADS PER AD 81-13-06R2  
NO CORROSION FOUND.

**Sublet Repairs**

\$1,125.00

\$0.00

**Cost of Labor**

\$1,125.00

**Supplies**

\$45.00

**SubTotal Parts Page 2**

\$749.00

**Total Parts**

\$794.00

**Freight**  
**Sales Tax on Parts**

\$0.00

\$0.00

**Total Amount Due** \$1,919.00

The aircraft and/or component 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 the work order number above.

2-6-13  
Date

Signature

**Propeller Record** General Information

Propeller Manufacturer Hamilton - Standard

Model 12D40217 Type C/W

Hub Series # \_\_\_\_\_ Blade # \_\_\_\_\_

Date of Manufacture Overhauled 6-12-96

Make/Model

Aircraft Installed On: Air Tractor AT-301

Serial #

~~AT-301~~ AT-301-0297

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

|                           |   |  |
|---------------------------|---|--|
| Date<br>5-14-2001<br>19__ | Total Time<br>in Service<br>Estimated<br>6358.2 | Description<br>Reconstructed log, using FAXed copies<br>received from owner. inspected & Lubed test  |
| Next Inspection<br>Due:   | Time Since<br>Overhaul<br>Estimated<br>401.8    | Date<br>_____<br>Total Time<br>_____<br>Tech Time<br>_____<br>Verify this prop has been inspected in<br>Mech. Cert. # or Repair Station # with all LEAD INSPECTION and |
| Date<br>19__              | Total Time<br>in Service                        | Description<br>was determined to be in airworthy condition.<br>M. [Signature]  |
| Next Inspection<br>Due:   | Time Since<br>Overhaul                          | Mech. Cert. # or Repair Station #  |
| Date<br>19__              | Total Time<br>in Service                        | Description  |
| Next Inspection<br>Due:   | Time Since<br>Overhaul                          | Mech. Cert. # or Repair Station #  |

Total Time \_\_\_\_\_ Tach Time \_\_\_\_\_  
 This aircraft has been inspected with an annual inspection and determined to be in airworthy condition.  
 [Signature] AWP

5-14-01, Tach Time - 397.1 hrs., Estimated Total Time - 6358.2 hrs.  
 Reconstructed aircraft log, using FAXed copies received from owner.  
 Removed and replaced ignition key switch (10-357200-1), rudder cables (70095-1), tail wheel bearings (07100), main wheel brake disks (164-05606). Removed, repacked and reinstalled main wheel bearings.  
 Removed, rebuilt and reinstalled entire tail wheel assembly. Stopped drilled cracks in wing skins. Cleaned and painted multiple corroded areas on airframe. Cut out and patched large cracked area on dorsel skin.  
 Repaired belly panel mounts. Replaced corroded landing light retract switch. Replaced numerous corroded hardware throughout airframe.  
 Steam cleaned entire aircraft twice. Replaced registration numbers on right side of fuselage. *Richard J. Chum AWP-262088886*

### INSPECTION & MAINTENANCE RECORD

| DATE    | TOTAL TIME        | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|---------|-------------------|---|
| 5-14-01 | Tach 397.1        | Reconstructed log, using FAXed copies received                  |
|         | est. TT - 6358.2  | from owner. Valves have been adjusted                           |
|         | est. SMOH - 826.4 | within limits. Oil changed with 28gts                           |
|         |                   | Aeroshell 100W, and oil filter removed and                      |
|         |                   | replaced. Intake air filter replaced, repaired                  |
|         |                   | air induction system, air filter housing, back-                 |
|         |                   | fire valve, and carb. heat valve. Repaired                      |
|         |                   | Cyl #1 and 2 rocker cover studs. Replaced valve                 |
|         |                   | cover gaskets, carb. intake gaskets.                            |
|         |                   | <i>Richard J. Chum AWP-262088886</i>                            |
|         |                   | compression over 80 PSI #1-69 #2-72 #3-71 #4-67                 |
|         |                   | #5-70 #6-71 #7-68 #8-68 #9-70                                   |
|         |                   | Date _____ Total Time _____ Tach Time _____                     |
|         |                   | I certify this aircraft has been inspected in                   |
|         |                   | accordance with an annual inspection and                        |
|         |                   | was determined to be in airworthy condition.                    |
|         |                   | <i>[Signature] AWP 518600125A</i>                               |



compute times on

N 4914X engine  
S/N 42-14192

Time - 3650.7 = TSOH

H + 5105.4 = total time

8: 8-30-06  
5-10-06 Engine Log

d Engine Log

tion Supplies & Academics, Inc.

27-051-9

erved.  
n or use, without  
mission, in any manner,

/  
plies & Academics, Inc.  
Place SE  
98059-3153

anada



**Engine Record** General Information

Manufacturer Pratt & Whitney Model R-1340-59  
Serial 42-14192 Type Certificate E142

This engine is currently installed in aircraft: \_\_\_\_\_

Minimum Octane Fuel \_\_\_\_\_ Oil Grade Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

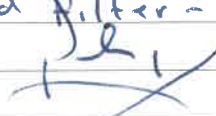


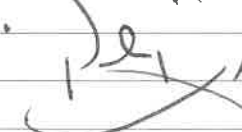
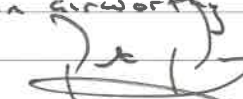
| RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|---------------------|---------------|-----------------------|--|
| 1841.4              |               |                       | <p>Installed this engine on N4914X.</p> <p>Installed new spark plugs. Installed new fuel pump. Installed new hoses firewall forward on fuel pressure, oil pressure, main fuel line &amp; fuel line from pump to carburetor. Installed new air filter. Replaced oil filter. Installed new seals on prop.</p> <p><b>THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN <del>ANNUAL</del> 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION</b></p> <p>Steve <i>[Signature]</i> ATP442468296</p> |
| 1841.4              |               |                       | <p>Installed Chip Light System STL #SE5189N per instructions, no weight change, M.W.C. Alteration P.S. FAR Part 43, Appendix A <i>[Signature]</i> 2054825-IA.</p>  |

| DATE    | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|---------|---------------------|---------------|-----------------------|--|
| 19 99   |                     |               |                       |  |
| 2-10-99 | 2054.0              |               | 4215.9                | <p>Time since major overhaul 212.6</p> <p>Removed engine for teardown inspection for metal contamination and shipped to Tulsa Aircraft Engines Inc. John Watkins ATP2054825</p>  |
| 3-15-99 | 2054.0              |               | 4215.9                | <p>TSMOH 212.6 Installed engine on N4914X after disassembly and reassembly for metal contamination by Tulsa Aircraft Engines Inc. No evidence of metal contamination was found. See yellow tags and work order No. 3449 F.A.A. Repair Station CT2R754K. New air and oil filters installed. Run up / leak check O.K. John Watkins ATP2054825</p> <p>NOTE: See Memoranda for copies of Maintenance Release NO. #3449</p> |

| RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|---------------------|---------------|-----------------------|--|
| 2276.7              |               | 4840.6                | TSMOH 435.3 Prop SOH 1412.1<br>Cyl. Comp. /80psi. #1-73 #2-77 #3-73 #4-77 #5-77 #6-79 #7-76 #8-74 #9-76. C/W A.D. 99-11-02 Cyl head cracking by inspection para. (a)(2). Para. (b) Pent. insp. due at O.H. C/W 56-06-02 Cyl hold down nuts by inspection. Oil screen check OK. Installed new filter. Oil change kept on separate record. (50hr. interval) Mag timing check OK. Installed all new spark plugs. Installed rebuilt starter. Replaced exhaust clamps as needed. Repaired alternator field wire. A.D. check thru this date, see status list with logs. Run up/leak check O.K.<br>I certify that this engine has been inspected in accordance with a 100hr./annual inspection and was determined to be in airworthy condition. John Watkins A&P 2054825 I.A. |
| 2320.0              |               |                       | Installed new induction air filter. John Watkins A&P 2054825   |
| 2331.3              |               |                       | Changed Oil - serviced with Phillips XC25-60.  |
| 2390.4              |               |                       | Oil change - Phillips XC25-60 John Watkins A&P 2054825   |

| DATE    | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)   |
|---------|---------------------|---------------|-----------------------|--|
| 8-21-00 | 2446.0              |               |                       | Changed Oil, Serviced with Phillips XC25-60<br>John Watkins A&P 2054825  |
| 1-13-01 | Tach 2508.2         |               |                       | Time since major OH 666.8 TSLI 230.7<br>A.D. check thru 2001-01. C/W A.D. 56-06-02 Cyl hold down nuts by inspection, next due at line insp. or tear down. C/W 99-11-02 Cyl head cracking by inspection, next due 2608.2 or overhaul. Cyl compression /80psi. 1-79 2-77 3-78 4-75 5-78 6-75 7-78 8-79 9-78. Adjusted valves and points on both mags. Retorqued oil cooler bypass housing bolts. Installed new REM 40 E spark plugs. Checked oil screen and replaced oil filter with new. Changed oil, serviced with 10gal Phillips XC25-60. Engine run up/leak check O.K.<br>I certify that this engine has been inspected in accordance with a 100hr./annual inspection and was determined to be in airworthy condition. John Watkins A&P 2054825 I.A. |

| RECORDING TACH TIME     | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
|-------------------------|---------------|-----------------------|---|
| 2530.9<br>2589.7<br>✓ ✓ |               |                       | Changed oil & filter. Serviced with Phillips<br>T/C 25-60, Ralph Compton<br>oil & filter - XC 25/60 Ralph   |
| 2712.3                  |               |                       | Changed oil and filter - Serviced with Phillips<br>T/C 25-60. Opened filter - no metal found.<br>10 gal. oil used  A&P 440722654   |
| 2712.9                  |               |                       | Cyl. compression / 80 psi 1-76, 2-78, 3-78, 4-78<br>5-78, 6-79, 7-79, 8-79, 9-78<br>Clean & gap spark plugs. Adjusted valves.<br>Mag point and timing check OK. Installed<br>new induction air filter. S/w A.D. 84-26-02<br>Replace #7 exhaust stack. Install propeller<br>S/N E9016 after A.D. 81-13-06 R2 S/w<br>by Aircraft Accessories, Tulsa, Okla. next<br>due 60 months (Feb 2007) work order #3610<br>Run up / leak check OK, next page → |

| DATE    | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
|---------|---------------------|---------------|-----------------------|---|
| 19____  |                     |               |                       | continued from previous page - A.D. check -<br>9911-02 Cylinder head cracking -<br>S/w para. (a) next due 2812.9 tach<br>56-06-02 Cylinder hold down nuts<br>S/w by inspection, next due line<br>inspection.<br> A&P 440722654 |
| 2-28-02 | 2712.9              |               |                       | I certify that this engine has been inspected<br>in accordance with a 100 hr inspection and<br>was determined to be in airworthy condition.<br> A&P 440722654  |
| 2-28-02 | 2712.9              |               |                       | 48748 TSMOH 871.5 TSI 204.7 A.D. check thru 2002-04<br>I certify that this engine has been inspected in accordance<br>with a 100 hr / Annual Inspection and was determined to be<br>in Airworthy condition. John Watkins A&P 2054825 I.A.   |



# WARRANTY

1340 S3H1-G

SERIAL NO. 42-14192

4338

DATE 5.10.06

**Warranty and Exclusive Remedy.** Tulsa Aircraft Engines, Inc. ("TAE") warrants to Buyer that during the first 800 hours of its use, any engine covered by TAE will be free of defects in workmanship performed by TAE. During the first 100 hours of use, TAE will, at its option, repair or replace the Engine to remedy any defect in its workmanship present as of the date of delivery. Thereafter, through the use of TAE will reimburse Buyer for prorated cost of repair or replacement of the Engine (as determined by TAE) necessitated by any defect in workmanship present as of the date of delivery. TAE makes no representation or warranty with respect to defects in design or material that are unrelated to defects in TAE workmanship or method of repair, reconditioning or overhaul. The foregoing notwithstanding, TAE makes no warranty with respect to nor assumes any responsibility for damage caused by improper starting procedures or use of fuel.

The exclusive remedy for breach of this limited warranty will be repair or replacement of the Engine as set forth above, conditioned upon Buyer promptly notifying TAE in writing of any claimed defect in material or workmanship and obtains a return authorization. (b) the Engine is returned to TAE at Buyer's risk and expense, by the method specified by TAE; and (c) TAE is satisfied that the defects were present when the Engine was delivered to Buyer. If TAE determines that Buyer is entitled to the exclusive remedy set forth herein, TAE will further reimburse Buyer for shipment in compliance with TAE's return authorization.

**WARRANTY DOES NOT COVER ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

TAE will not be liable for loss of profits or use, or for any other direct, indirect, incidental, or consequential damages, including, without limitation, damages for personal injury or property damage, or for contribution or indemnity. TAE's liability, whether in contract, tort, negligence, or otherwise, is limited to repair or replacement of the Engine as set forth herein.

This Warranty and Exclusive Remedy may not be modified except by a writing signed by TAE.

If this Limited Warranty and Exclusive Remedy is found to be unenforceable, the enforceability of the remaining provisions shall not be affected thereby.

Tulsa Aircraft Engines, Inc.  
9311 East 44th Street North  
Tulsa, OK 74115

FAA Approved Repair Station  
No. CT2R754K

Signed Sam Thompson

| DATE | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations   |
|------|---------------------|---------------|-----------------------|--|
| 19   |                     |               |                       | Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |

### SERVICE BULLETINS

|       |                 |          |
|-------|-----------------|----------|
| 1787  | Flourescent Ins | COMPLIED |
| 621   | Imp. Balance    | "        |
| 1257  | Piston Pin Plug | "        |
| 1546  | Radius M.R.B.   | "        |
| 1722  | Shot Pean P.R.  | "        |
| 1758  | Liners          | "        |
| 1765  | Bolt            | "        |
| 1488  |                 | "        |
| 14F56 | C/S Threads     | N/A      |

### A. D. NOTE

|          |                 |          |
|----------|-----------------|----------|
| 56-6-2   | Cyl. Base Studs | COMPLIED |
| 96-15-02 | AT C/S          | N/A      |
| 99-11-02 | Cyl. Head       | COMPLIED |

### MANUFACTURER PRATT AND WHITNEY

MODEL R-1340 S3H1-G NO. 42-14192

The aircraft engine or component identified above was disassembled, inspected and overhauled in accordance with Pratt & Whitney overhaul manual #123440 and current Regulations of the Federal Aviation Administration and is approved for return to service. Details of the repair are on file at this repair station under work order

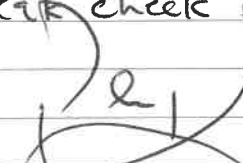
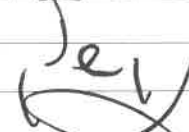
NO. 4338 DATE 5.10.06




SIGNED Sam Thompson

FAA Repair Station CT2R754K  
Tulsa Aircraft Engines, Inc.  
9311 E. 44th Street North  
Tulsa, Oklahoma 74115

T.T. 5105.40 HRS.

T.S.M.O. 0.00 HRS.

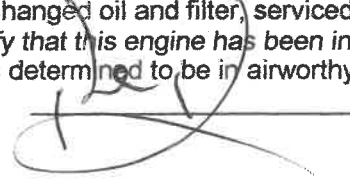
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|---------------------|---------------|-----------------------|--|
| - 3650.7            | tach          |                       | - Installed this engine on 4914X.<br>Serviced w/ 10 gal Phillips XC25/60<br>Run-up/leak check OK.<br><br> AP440722654   |
| 3671.9              | tach          |                       | Cleaned and gapped spark plugs. %<br>AD 56-06-02 (cyl. hold down nuts) by inspection.<br>% AD 99-11-02 (cyl head cracking) by inspection<br>AD check thru 2007.01. Compression %80 as follows<br>#1-76, #2-79, #3-77, #4-79, #5-77, #6-78, #7-78<br>#8-77, #9-78. I certify that this engine has<br>been inspected in accordance with a 100 hour<br>inspection and was found to be airworthy.<br><br> AP440722654 |

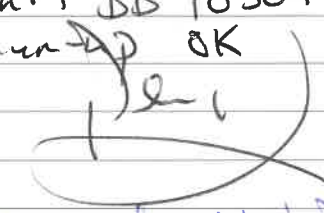
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|---------|---------------------|---------------|-----------------------|---|
| 4-15-07 | 3708.9              | tach          |                       | Changed oil and filter - serviced w/<br>10 gal Phillips XC25-60 & 2 cans Aoblend<br>Run-up leak check OK<br><br> AP440722654 |
| 6-13-07 | 3767.3              | tach          |                       | Changed oil & filter - serviced w/ 10 gal.<br>Phillips XC25/60 & 2 cans Aoblend<br><br> AP440722654                          |
| 7-24-07 | 3841.9              | tach          |                       | Changed oil & filter - serviced w/ 10 gal<br>Phillips XC25/60 & 2 cans Aoblend<br><br> AP440722654                           |

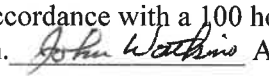
| RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)  |
|---------------------|---------------|-----------------------|---|
| 3521.9              | tech          |                       | Install new fuel primer line #3 cyl.<br>clean & gap plugs changed oil & filter<br>AD 56-06-02 by inspection WAD<br>99-11-02 by inspection. Compression 80<br>as follows 1-76, 2-74, 3-75, 4-77, 5-74,<br>6-79, 7-79, 8-78, 9-77. I certify that<br>this engine has been inspected in accordance<br>with a 100 hr. inspection and was found<br>to be airworthy. <i>[Signature]</i> AP440722654 |
| 4005.0              | tech          |                       | Changed oil & filter - serviced with<br>10 gal Phillips XA 25/60 & 2 cans Au-bleed<br><i>[Signature]</i> AP440722654  |
| 3 4093.1            | tech          |                       | Changed oil & filter - serviced w/10<br>gal Phillips XA 25/60<br><i>[Signature]</i> AP440722654   |

| DATE  | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---|---------------------|---------------|-----------------------|--|
| 8-3-08  | 4112.6              | tech          |                       | Installed complete new set<br>spark plugs champion REM-406<br>AP440722654  |
| 8-25-08   | 4203.2              |               |                       | Changed oil & filter serviced w/<br>Phillips XA 25/60<br><i>[Signature]</i> AP440722654  |
| 3-3-09 Tach time 4227.1 Time since major overhaul 576.4 Total time 5681.8   |                     |               |                       |  |
| Complied with AD 84-26-02 Induction air filter para.(a) by installing new filter, AD 56-06-02<br>Cylinder hold down bolts by inspection and AD 99-11-02 Cylinder head cracking para. (a)<br>(ii) by inspection. Oil change not due. Cylinder compression / 80 psi 1-74 2-76 3-73<br>4-76 5-77 6-77 7-78 8-78 9-78. Torqued crossover tubes on cylinders. Replaced<br>primer line on #9 cylinder. Cleaned and gapped spark plugs. Mag timing check good.<br>Run up / leak check good. I certify that this engine has been inspected in accordance<br>with a 100 hour inspection and was determined to be in airworthy condition. |                     |               |                       |  |
|   |                     |               |                       | <i>[Signature]</i> A&P 440722654   |

| RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---------------------|---------------|-----------------------|--|
| 4275.1              |               |                       | Changed oil & filter - serviced w/10 gal Phillips 25/60 (2) AP440722654  |
| 4345.9              |               |                       | Changed oil - serviced w/10 gal Phillips 25/60 (2) AP440722654   |
| 4427.1              |               |                       | Changed oil & filter - serviced w/10 gal Phillips 25/60 (2) AP440722654  |
| 4482.1              |               |                       | C/W A.D.s 56-06-02 and 99-11-02 John Watkins A&P 2054825   |

27-10 Tach time 4482.1 Total time 5936.8 TSMOH 831.4 N4914X  
 Cylinder compression / 80 psi 1-78 2-79 3-77 4-76 5-78 6-78 7-78 8-77 9-77.  
 Replaced points on left and right magnetos, adjusted timing. Installed new rear spark plugs and cleaned and gapped front spark plugs. Installed helicoil on # 4 and # 5 cylinder rear plugs. Adjusted valves. Changed oil and filter, serviced with Phillips 25 W 60. Run up leak check good. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.  
  
 A&P 440722654

| DATE    | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|---------|---------------------|---------------|-----------------------|--|
| 4/30/10 | 4502.2              |               |                       | Replaced right magnets w/yellow key unit BB-10304 w/o G-4033<br>run-up OK<br> AP3491861                                     |
| 7/31/10 | 4613.5              |               |                       | Changed oil & filter - cut & examined filter - no metal found<br>Serviced w/10 gal Phillips 25/60 (2) AP3491861  |

3-3-11 Tach time 4662.2 TSMOH 1011.5 N4914X  
 Cylinder compression / 80 psi 1-78 2-64 3-70 4-76 5-78 6-78 7-76 8-70 9-72  
 Changed oil and filter, filter cut inspection good. Serviced with Phillips 25 W 60 oil. Replaced # 2 cylinder, due to crack, with Tulsa Aircraft Engines WO # 04-259, see maintenance release with logs. Mag timing check good. Engine run up / leak check ok. Complied with AD 56-06-02 and AD 99-11-02 by inspection.  
 I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.  A&P 2054825



S/N 2105R

[Redacted]

[Redacted]

[Redacted]

ipl 2000  
compute times on N4914X

+ 4840.6 = Total Time  
Airframe

12-85  
2-88  
-91

Log # 1

NUMBER AF5

AIRCRAFT DESCRIPTION

General Aviation Division  
 Rockwell International  
 N4914X

Place Albany Georgia Date 11/74  
 Type S2R Serial No. 2105R

Designed By \_\_\_\_\_ Place \_\_\_\_\_ Date \_\_\_\_\_  
 See Factory Correction, Flight Manual, MSg, data

Capacity (Crew Included) ONE Weight Empty 4033 Weight Loaded 6000

Sq. Ft. Control Area Sq. Ft. Span Length  
 Tire Tail Brakes

Address \_\_\_\_\_  
 State \_\_\_\_\_

EQUIPMENT DESCRIPTION

Propeller HAMILTON STANDARD Hub Design 12DHO-401 Hub Serial No. 74417  
 Blade Design ERC/AG 100-2 Blade Serial No. 743130 Blade Serial No. 743131

Pitch \_\_\_\_\_ Width \_\_\_\_\_ Diameter \_\_\_\_\_

Engine Pratt & Whitney Model R1340 AN1 Serial No. 11554  
 Rated H. P. 600 Bore \_\_\_\_\_ Stroke \_\_\_\_\_

Receiver \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_  
 Transmitter \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_ Output \_\_\_\_\_  
 Generator \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_ Amp. \_\_\_\_\_ Volt \_\_\_\_\_  
 Starter \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_ Volts \_\_\_\_\_  
 Power Unit \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_ Volts \_\_\_\_\_



















FLIGHT LOG

| TYPE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS  | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|-------------|--|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |             |  |           |                |
|                |              |                |      |             |      |             | I certify that this <u>Aircraft</u> has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition.<br>Total Time <u>1914.89</u> Date <u>12-18-82</u><br>Signed <u>Cecil E. Ingram</u><br>Cecil E. Ingram - IA #678164 |           |                |
| 83 Tach        |              |                |      | 19          | 16.2 |             | Installed engine ring cowling as per instructions in STC # SA 4340 SW<br><u>Steve Moffatt</u> ATP 44246 8296   |           |                |

REMARKS

| DATE              | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS   |
|-------------------|--|
| 1984 Tach 2120.14 |  |
| 2-11              | Annual Inspection. Replaced left + right elevator trim hinges & rod ends. Cleaned & redoped patches on tail. Replaced all brake linings. Cleaned & packed wheel bearings. Bled brakes. Replaced flight control & interconnect pulleys in tail section. Resealed fuel wobble pump & fuel shut off. Oiled pulleys, rod ends, hinges & flight controls. |
|                   | I certify that this <u>Aircraft</u> has been inspected in accordance with an (annual) inspection and was determined to be in airworthy condition.<br>Total Time <u>2120.14</u> Date <u>2-11-84</u><br>Signed <u>Cecil E. Ingram</u><br>Cecil E. Ingram - IA #678164  |





## FLIGHT LOG

| TYPE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |             |   |           |                |
|                |              |                |      |             |      |             |   |           |                |
|                |              |                |      |             |      |             | Tach 1130.0 TTAF 3558.5. ANNUAL INSPECTION - CWAAD 80-04-06<br>INSPECTION - CHECK OK - CHECK EVERY 500 HRS. REPLACED RIVETS IN LEADING<br>EDGES AS NEEDED. REPLACED RT. BRAKE MASTER CYL. & BLED BRAKES.<br>REPAIRED TAIL SURFACES AS NEEDED. REPLACED 1 bulb in ROT. BEACON<br>REPLACED TAIL NAV bulb. CLEANED & REPACKED WHEEL BEARINGS.<br>SERVICED TAIL GEAR. SERVICED BATTERY. CHECKED ALL CONTROLS &<br>CONTROL MECHANISMS. |           |                |
|                |              |                |      |             |      |             | I certify that this AIRFRAME has been inspected<br>in accordance with an (annual) (100-hr.) inspec-<br>tion and was determined to be in airworthy<br>condition. Tach 1130.0<br>Total Time <u>3558.5</u> Date <u>2-1-86</u><br>Signed <u><i>Cliff E. Ingram</i></u><br>Cecil E. Ingram - IA #676104  |           |                |
| WARD           |              |                |      |             |      |             |   |           |                |
| DATE           |              |                |      |             |      |             |   |           |                |

## REMARKS

| DATE   | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|--------|---|
| 3-1-87 | Tach 1452.99 TTAF 3881.49 ANNUAL INSPECTION - CWAAD 80-04-06 - CHECK OK<br>REPLACED RT & LT TRIM ROD ENDS & HARDWARE. INSTALLED NEW TOP HINGE BOLT IN RUDDER<br>REPLACED RUDDER BELL CRANK BUSHINGS & HARDWARE. REPLACED BUSHINGS IN TRIM<br>ACTUATING LINKAGE. REPLACED OUTBOARD HINGE BUSHING IN LEFT ELEVATOR. REPLACED<br>LEFT MAIN TIRES WITH YODER RECAP (SEE TAG) CLEANED & REPACKED WHEEL BEARINGS<br>GREASED MAIN & TAIL GEAR. INSTALLED NEW STICK BOOT & COVER REPLACED<br>GASKET IN FUEL VALVE. SUMPED FUEL SYSTEM. SERVICED BATTERY. SERVICED<br>BRAKE MASTER CYLS. REPLACED ALL BRAKE LININGS. LUBED ALL CONTROLS. |
|        | Tach 1452.99<br>TSMOH 832.82<br>TSAOH 498.66<br>TSLA 322.99<br>I certify that this AIRFRAME has been inspected<br>in accordance with an (annual) (100-hr.) inspec-<br>tion and was determined to be in airworthy<br>condition.<br>Total Time <u>3881.49</u> Date <u>3-1-87</u><br>Signed <u><i>Cliff E. Ingram</i></u><br>Cecil E. Ingram - IA #676104  |



FLIGHT LOG

| OF T   | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE NUMBER |
|--------|--------------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|        |              | Up             | Down | Hours       | Min. |             |   |           |                |
| 1      | 1827.0       |                |      |             |      |             | ANNUAL INSPECTION - All CONTROLS CHECK OK.  |           |                |
| 4253.5 |              |                |      |             |      |             | Replaced rotating beacon bulb. Replaced LH floor plug/law. Replaced tailwheel bearings & races. Fabricated & installed bracket for pump fan control. Cleaned & repacked main wheel bearings. Replaced brake linings on RH brake. Resealed both wheel cylinders & bled brakes. Serviced battery. Welded side loader attach tubing. Chg Ad #20-04-06 by inspection. Replaced LH O/R elevator hinge bushings. Installed new air vent on cabin floor. Replaced carb. seat shroud. END |           |                |

certify that this aircraft has been inspected in accordance with the provisions of FAR 91.403 and was found to be in airworthy condition.

REMARKS

| DATE                          | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS   |
|-------------------------------|--|
| 7-2-88 Tach 2108.6            | Replaced tach head & cable. Removed PtW engine S/N 11972 from N 4914X & installed PtW engine S/N 326851. Pre-oiled engine then ran engine & checked for leaks. Replaced prop seals.<br>Steve Montgomery ATP442468296 |
| 8-20-88 Tach 58.2 TTAF 4537.1 | Removed PtW engine S/N 326851 from N 4914X & installed PtW engine S/N 11972. Replaced prop seals. Ran engine & checked for leaks.<br>Steve Montgomery ATP442468296   |



FLIGHT LOG

| TYPE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS  | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|-------------|--|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |             |  |           |                |
| ch 61.2        |              |                |      |             |      |             | Installed PTW engine S/N 326851 on N4914X. Ran check for proper operation. Prop overhauled by AAR, Tulsa<br>Steve Montoye ATP442468296IA   |           |                |
| ch 63.9        |              |                |      |             |      |             | Annual Inspection. Replaced brake linings, both rudder interconnect cables. Replaced races & bearings in wheels. Replaced both most aft rudder cable pulleys. Cleaned inner screen. Replaced loading valve (chemical). Repaired cracks on fuselage skin. Complied with Service bulletin 89-1 by inspection of fuselage upper longeron. AD 80-04-06 with by mechanic that recovered fall 1/31/89. This time has been inspected in accordance with an annual |           |                |
| ARD            |              |                |      |             |      |             |  |           |                |
| ITE            |              |                |      |             |      |             |  |           |                |

REMARKS

| DATE              | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|-------------------|---|
|                   | inspection and was determined to be in airworthy condition<br>Steve Montoye ATP442468296IA  |
| 4-15-89 Tach 89.4 | Repaired damage to leading edge on right hand wing. no spar damage. Steve Montoye ATP442468296IA  |
| 5-2-89 Tach 110.5 | Installed spin-off oil filter system supplied by SKY-Tractor supply co. Installed in accordance with STC #SA9036L. Ran engine to check for leaks. New weight & balance computed. Steve Montoye ATP442468296IA |
|                   |   |
|                   |   |
|                   |   |
|                   |   |

FLIGHT LOG

| TYPE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS — ADJUSTMENTS — REMARKS   | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |             |   |           |                |
| Tach           | 128.3        |                |      |             |      |             | Installed Freon air conditioning system in accordance with STC # SA4321SW. New Weight & balance ed. Aircraft was flown to test system for proper operation. Steve Montgomery ATP442468296JA   |           |                |
| 0 Tach         | 129.8        |                |      |             |      |             | Annual Inspection. Replaced both ailerons. Flaps restined by Butler Flight controls. OKC. Replaced RH wing Leading edge. Replaced RH wing extension. Replaced left & right outer wheel halves. Replaced both brake discs. Replaced left rudder interconnect cable. Packed wheel bearings. |           |                |
| WARD           |              |                |      |             |      |             |   |           |                |
| DATE           |              |                |      |             |      |             |   |           |                |

REMARKS

| DATE | INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS   |
|------|--|
|      | Cleaned Fuel strainer. serviced battery. Replaced beacon bulb. This Airframe has been inspected in accordance with an annual inspection & was determined to be in airworthy condition. Steve Montgomery ATP442468296JA |

**Cimarron**   
Aircraft Corp.

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

Make THRU Model \_\_\_\_\_  
N 40-4 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 applicable for return to service.

Signed Steve Montgomery  
A and P 5123495

Date 4 / 5 / 90

**Cimarron**   
Aircraft Corp.

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

Base Coat G9046 YELLOW - U.S. PAINT

Trim Color \_\_\_\_\_

TOP - 6160 MATTERHORN WHITE - U.S. PAINT

STRIPES - 1097 BLUE - U.S. PAINT

FLIGHT LOG

| TYPE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |             |   |           |                |
| 1              | 000          | 0              |      |             |      |             | Replaced battery. Replaced tach. Replaced altimeter. Replaced rear rod ends on elevator trim tab. Repaired torn fabric on tail. Replaced step on left side. Complied with AP 80-04-06 by inspection. Cleaned & packed wheel bearings. Packed chemical pump blade bearings. This airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.<br>Steve [signature] AP442468296IA |           |                |
| WARD           |              |                |      |             |      |             |   |           |                |
| DATE           |              |                |      |             |      |             |   |           |                |

REMARKS

| DATE    | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|---------|---|
| 2-26-92 | Tach 231.6 Replaced right aft rudder cable. Serviced battery. Packed wheel bearings. complied with Ayres service bulletin # SB-AG-27A by inspection of control stick fore & aft pivot bolts. complied with Ayres Service bulletin # SB-AG-28 by inspecting for unapproved wingtip extentions. complied with AP 80-04-06 by inspection. Replaced air conditioner dryer. This air frame has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Steve [signature] AP442468296IA<br>TT Airframe 5072.2 - 2/24/92 |
|         |   |
|         |   |
|         |   |





FLIGHT LOG

| DURE OF FLIGHT | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown                                      | REPAIRS - ADJUSTMENTS - REMARKS | SIGNATURE | LICENSE NUMBER |
|----------------|--------------|----------------|------|-------------|------|--|---------------------------------|-----------|----------------|
|                |              | Up             | Down | Hours       | Min. |  |                                 |           |                |
| ch Time        | 618.0        |                |      |             |      | Aircraft T.T. 5290.0                             |                                 |           |                |
| removed        |              |                |      |             |      | Hamilton Standard Propeller 12D40-AG100-2        |                                 |           |                |
| installed      |              |                |      |             |      | overhauled Hamilton Standard Propeller 12D40-211 |                                 |           |                |
| U 7433.        |              |                |      |             |      | Aircraft test run & checked ok for return        |                                 |           |                |
| to service.    |              |                |      |             |      | Chly E Wille A + P 445506413                     |                                 |           |                |
| WARD           |              |                |      |             |      |  |                                 |           |                |
| DATE           |              |                |      |             |      |  |                                 |           |                |

REMARKS

| DATE    | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|---------|---|
| 3-10-94 | Tach 658.4 Replaced brake pads. Packed wheel bearings. Inspected all cables & controls. Cleaned fuel screen. Serviced battery. Complied with AD <sup>s</sup> 80-04-06, 93-01-03, & 93-20-06 by inspection. This airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.<br>Steve moffitt ATP442468296 IA |
| 4-6-94  | Tach 704. Removed engine SN 14745 and installed R-1340-AN1 SN 326851. Steve moffitt ATP442468296  |
| 6-12-94 | Tach 757.3 comply with AD 93-20-06 by inspection of lock bolts. Steve moffitt ATP 442468296.  |

FLIGHT LOG

| DURE OF<br>LIGHT | No. of<br>Pass. | TIME OF<br>FLIGHT |      | TIME IN<br>AIR |      | Miles<br>Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE<br>NUMBER |
|------------------|-----------------|-------------------|------|----------------|------|----------------|---|-----------|-------------------|
|                  |                 | Up                | Down | Hours          | Min. |                |   |           |                   |
| Tach             | 854.2           |                   |      |                |      |                | complied with AD 93-20-06 by inspection of huck bolts. Steve moff ATP442468296  |           |                   |
| Tach             | Reading         |                   |      |                |      |                | 864 hrs<br>Removed PW R1340 AUI s/n 326851 for Engine Conversion. Installed PW R1340 #31416 s/n CAC 325. using same hoses & hold mounts<br>Installed Hamelton Standard 23D40 slw E9016, Blade s/n 763611, 734584, 734585.<br>Engine serviced with 60min. Engine ground set and fuel flow. Engine Indicating panel |           |                   |
| WARD             |                 |                   |      |                |      |                |   |           |                   |
| DATE             |                 |                   |      |                |      |                |   |           |                   |

REMARKS

| DATE       | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|------------|---|
| Page #     | Power checks ok. Aircraft Flite performance<br>opts check ok 337 this date.<br>by lunch APS 12621962  |
| Tach 976.2 | 3-20-95 Cleaned & packed all wheel bearings. Replaced brake pads. left & right. Serviced battery. checked all cables & pulleys. Complied with AD <sup>s</sup> 93-1003, 93-20-05, & 93-20-06. all by inspection. Cleaned fuel screen. This airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.<br>Steve moff ATP442468296IA |

FLIGHT LOG

| DURE OF FLIGHT  | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS — ADJUSTMENTS — REMARKS | SIGNATURE | LICENSE NUMBER |
|---|--------------|----------------|------|-------------|------|-------------|---------------------------------|-----------|----------------|
|   |              | Up             | Down | Hours       | Min. |             |                                 |           |                |
| <p>WARD AIRCRAFT INC<br/>                     ANTON CO AIRPORT<br/>                     INSON KS. 67855</p> <p>12-20-95 Tach Time 1245.2 Lubed all cables and pulleys, cleaned and packed all wheel bearings, replaced tail wheel bearings with new P/N 25&amp;08231. Installed external data plate as per FAR'S. Replaced elevator m rod end P/N F34-14. Replaced LH&amp;RH fuel cap o'rings P/N MS29513-2. Complied with AD93-01-03 wing forward spar AMD39-8456. AD93-20-06 ng huckbolt replacement, replaced bolts as per S.B.. I certify that this RCRAFT has been inspected in accordance with an ANNUAL inspection d was determined to be in an airworthy condition.</p> <p>Wandel Lambert ATP523041489IA.</p> |              |                |      |             |      |             |                                 |           |                |
| WARD  |              |                |      |             |      |             |                                 |           |                |
| DATE  |              |                |      |             |      |             |                                 |           |                |

REMARKS

| DATE    | INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS   |
|---------|--|
| 02-8-97 | <p>Tach 1582.9 Cleaned + packed wheel bearings. Serviced battery. Checked all cables + pulleys. Replaced all main gear shock assemblies. Replaced all main gear bolts. Serviced brakes with fluid. Resealed R/H fuel tank. Complied with AD 93-01-03 wing spar + AD 80-04-06 by inspection.</p> <p><i>Wandel Lambert</i> ATP44248296IA</p> |
|         | <p><b>THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION</b></p>  |

FLIGHT LOG

| DURE OF FLIGHT                   | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE NUMBER |
|----------------------------------|--------------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|                                  |              | Up             | Down | Hours       | Min. |             |   |           |                |
| Tach                             | 15           | 82.9           |      |             |      |             | Installed Satlock GPS spray position system manufactured by Satlock INC. All work was performed in accordance with mfg. instructions & drawings.<br>Stew Monty ATP442468296           |           |                |
| 1841.4                           |              |                |      |             |      |             | Installed ChipLight STC # SA5790N/A no weight change, minor alt. John Wadkins ATP44825  |           |                |
| Tach                             | 18           | 41.4           |      |             |      |             | Annual Inspection. Cleaned & packed wheel bearings. Replaced brake pads. Greased landing gear. Removed & replaced spray control valve for cable update.<br>Stew Monty ATP442468296 IA |           |                |
| ENGINE CHANGE<br>see ENGINE LOG. |              |                |      |             |      |             |   |           |                |
| WARD                             |              |                |      |             |      |             |   |           |                |
| DATE                             |              |                |      |             |      |             |   |           |                |

THIS AIRFRAME ~~ENGINE~~ HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION

REMARKS

| DATE            | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS   |
|-----------------|--|
| 10/1/98         | TTAF 7113.0 (Tach 1823.3   |
| 10/4/98         | TTAF (Tach 2052.   |
| Nov. 4. 1998.   | TACH @ 2052.1 NDT inspection performed in compliance with S.B. A9 39, NO CRACKS FOUND, Proceeded with Cold Expansion Process in compliance with A.D. 93-13-11 Reassemble using all new Bolts and Nut. Forwashed By Ayres Corporation. This Air Craft Returned To Service.<br>1A565543431<br>NDT. Inspector Level II. |
| * A.D. 97-17-DB | Supersedes 97-13-11 note: Should read 97-13-11   |
| A.D. 2000-11-16 | supersedes 97-17-03 not 93-13-11 S.B. A.P. 39 is correct.  |

FLIGHT LOG

| of ss. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS   | SIGNATURE | LICENSE NUMBER |
|--------|----------------|------|-------------|------|-------------|---|-----------|----------------|
|        | Up             | Down | Hours       | Min. |             |   |           |                |
| h      | 2054           |      |             |      |             | Replaced spring steel tail wheel trunnion & bolts. Replaced left & right rudder cables (front & aft). Replaced left & right aileron interconnect cables. Replaced elevator pre-load cable. Replaced elevator bell-crank assy. Replaced right brake pads. Replaced O-rings in right brake caliper. Replaced left & right rudder adjustment brackets. Serviced battery. Cleaned & packed wheel bearings. Replaced missing rivets on elevator trim tab. Complied with AD 80-04-06 (tube front spar). |           |                |

REMARKS

| DATE      | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|-----------|---|
|           | AD 93-01-03 (front spar), AD 93-20-05 (vertical tail bracket), AD 97-17-03 (lower spar cap) all by inspection.  |
|           | THIS AIRFRAME <del>ENGINE</del> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL <del>100 HOUR</del> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION<br><i>Steve Morley</i><br>IA442468296   |
| 3-31-2000 | Tach Time 2276.7 Total Time 7117.3 (Ref. entries dated 8-27-77, 3-12-85, 7-2-88, 3-1-91). Repaired right wing with flush patches at Station 197 and 219. See 337 form this date.<br><i>John Wathen's AEP 2054825 IA</i>   |
| 4-3-00    | Tach 2276.7 Total 7113.3 Compro Aviation Inc. Drift Finder Aircraft Smelter assembly no. DFS-10, STC# SA 00566WI previously installed as per Master Drawing list and AC 4313-1B. This is a minor alteration Ref. FAR Part 43 Appendix A.<br>Weight change +19.016 full oil arm 124.0 moment 2356.0. <i>John Wathen's</i><br>New Empty Weight 4617.51 Arm 24.07 moment 11163.3<br>AEP 2054825 IA |

FLIGHT LOG

| DURE OF LIGHT | No. of Pass. | TIME OF FLIGHT |       | TIME IN AIR |        | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS                                | SIGNATURE | LICENSE NUMBER |
|---------------|--------------|----------------|-------|-------------|--------|-------------|--|-----------|----------------|
|               |              | Up             | Down  | Hours       | Min.   |             |  |           |                |
| 0             | Tach         | 2276.7         | Total | Time        | 7117.3 | eng         | TSMOH 435.3  |           |                |
|               | Prop         | SDMH 1412.7    | A.D.  | 2000-05-23  | date   | 5-5-00      | N/A Drilled  |           |                |
|               |              |                |       |             |        |             | Landing gear bolts not installed. C/W A.D. 80-04-06 tubular    |           |                |
|               |              |                |       |             |        |             | spar cracks by inspection. C/W A.D. 93-01-03 Wing front spar   |           |                |
|               |              |                |       |             |        |             | by inspection. C/W A.D. 84-26-02 Induction Air Filter by       |           |                |
|               |              |                |       |             |        |             | installing new filter. A.D. check thru this date, see status   |           |                |
|               |              |                |       |             |        |             | list with logs. Painted Prop blades. Replaced belly skins      |           |                |
|               |              |                |       |             |        |             | and lower engine cowl from hopper to fwd engine cowl with      |           |                |
|               |              |                |       |             |        |             | new. Installed all new undrilled bolts in landing gear         |           |                |
|               |              |                |       |             |        |             | to fuselage attach points, both left and right sides. Serviced |           |                |
|               |              |                |       |             |        |             | all wheel bearings and tail wheel assembly. Serviced fuel      |           |                |
|               |              |                |       |             |        |             | strainer. Lubed control surface pivot points, ball joints and  |           |                |
|               |              |                |       |             |        |             | rod ends.  |           |                |
|               |              |                |       |             |        |             | (cont. next page)  |           |                |

WARD

DATE

REMARKS

| DATE     | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|----------|---|
| 4-4-2000 | Installed new battery, wobble pump drive handle, left rudder pedal adjusting arm, and aft rod end bolts on elevator torque tube. Installed new master switch and flap position switch.<br>I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. John Watkins A&P 2054825 I.A.                                      |
| 7-15-00  | Tach 2320.0 Installed new Induction Air Filter. John Watkins A&P 2054825  |
| 1-13-01  | Tach 2508.2 Total 7348.0 TSHI 230.7 Eng. TSMOH 666.8<br>Prop SDMH 1644.2 A.D. check thru 2001-01 A.D. 2000-11-16 Due at 2552.1 tach. A.D. 80-04-06 Due at 2776.7 tach. A.D. 81-13-06 R2 due Jan 2002. C/W A.D. 93-01-03 Wing Front Spar by inspection, next due Jan 2002. C/W A.D. 84-26-02 Induction Air Filter by inspection, due replacement at 2776.7 tach. or condition.<br>Continued next page. |

FLIGHT LOG

| F | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS — ADJUSTMENTS — REMARKS  | SIGNATURE | LICENSE NUMBER |
|---|--------------|----------------|------|-------------|------|-------------|--|-----------|----------------|
|   |              | Up             | Down | Hours       | Min. |             |  |           |                |
|   |              |                |      |             |      |             |  |           |                |
|   |              |                |      |             |      |             | <p>und.</p> <p>Tach 2508.2 Total 7348.0 See A.D. Status List with logs.</p> <p>aired tail surface finish as needed. Right cabin door</p> <p>ified by factory dealer Air Repair at Cleveland, Miss. to</p> <p>rent 2 latch configuration. Painted + installed door.</p> <p>laced elevator trim tab bolt/nut with new. Replaced tail</p> <p>light. Replaced engine cowling fasteners and side panel</p> <p>lock fasteners as needed. Installed new engine access</p> <p>hinge and spray system gaskets. Serviced battery and brake</p> <p>servo. Fuel strainer check O.K. Installed new windshield</p> <p>106 31-1. Replaced Prop cable rod end and clamp at governor.</p> <p>placed Left + Right Brake pads and packed wheel bearings.</p> <p style="text-align: center;">continued next page</p> |           |                |

REMARKS

| DATE     | INSPECTION — MAINTENANCE — REPAIRS — ALTERATIONS  |
|----------|---|
|          | continued   |
| 1-13-01  | <p>Tach 2508.2 Total 7348.0 Replaced right rudder horn bolt</p> <p>with new. Installed new aileron to rudder assist cables, Left and</p> <p>right with PIN 5707011.</p> <p>I certify that this aircraft has been inspected in accordance</p> <p>with an ANNUAL inspection and was determined to be in</p> <p>airworthy condition. John Watkins A&amp;P 2054825 J.A.</p> |
| 03/09/01 | <p>Tach Time 2509 hrs Total Time 7349 hrs. C/w A.D. 2000-11-16 by</p> <p>ultrasonic inspection Per S.B. AG 39 Para 1 and Letter of Authorization dated 03/98</p> <p>with no cracks detected. R. B. Hays Chief Inspector CR51484R 760W.</p>  |

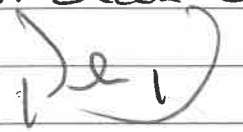
FLIGHT LOG

| OF   | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS  | SIGNATURE | LICENSE NUMBER |
|------|--------------|----------------|------|-------------|------|-------------|--|-----------|----------------|
|      |              | Up             | Down | Hours       | Min. |             |  |           |                |
| Tach | 2711.0       |                |      |             |      |             | Installed rebuilt alternator Jasco part # 7555T ser # 771215712R.<br>Run-up OK.<br>PETE POWERS<br>AIP 440722654  |           |                |
|      | 2712.9       |                |      |             |      |             | %w A.D. 80-04-06 (cracks in tubular front spar) by inspection. next due tach 3212.9. %w A.D. 84-26-02 (Induction air filters) by installing new filter, next due 3212.9 tach or condition. %w A.D. 93-01-03 Wing front spar by inspection, next due 2-28-03. A.D. check thru 2002-04. Remove .040 shims<br>next page → |           |                |

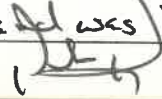
REMARKS

| DATE  | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|---|---|
|   | From spring steel tailwheel assembly to reduce stack.<br>Installed new: left main tire, right brake pads, left and right wheel piston O-rings, fuel header tank, header tank quick-drain seat, rudder horn and bolts, upper spray pump mount, tailwheel tire and tube, lower flying wire clevis pins. Recheck all wheel bearings. Install prop after A.D. compliance. Run up / leak check OK.<br>I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.<br>AIP 440722654 |
| 2-28-02 Tach 2712.9 Total 7553.5 Eng. TS140H 8715 ISLI 2047 A.D. check thru 2002-04 | See Status list with logs. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.<br>John Wathen's AIP 1054825 IA.  |

FLIGHT LOG

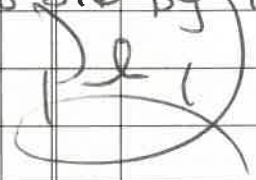
| F | No. of Pass. | TIME OF FLIGHT |      | TIME IN AIR |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS  | SIGNATURE | LICENSE NUMBER |
|---|--------------|----------------|------|-------------|------|-------------|--|-----------|----------------|
|   |              | Up             | Down | Hours       | Min. |             |  |           |                |
|   |              |                |      |             |      |             | Tech 2787.4 Removed aircraft battery and power receptacle. Installed new GE-SIE battery ser # 601707379 receptacle part # MSJ5182-2 - ops. check OK. |           |                |
|   |              |                |      |             |      |             | <br>AEP 440722654   |           |                |
|   |              |                |      |             |      |             | VA on 2943.5 hrs Total Time 7782.5 hrs   |           |                |
|   |              |                |      |             |      |             | 20-11-16 by Eddy Current Inspect. - of Bob   |           |                |
|   |              |                |      |             |      |             | span Cap. on S-BAC-39 Re. 1 Amp Loba of "Amuc  |           |                |
|   |              |                |      |             |      |             | 2) Re. 01/03 with no cracks detected - of [Signature]  |           |                |
|   |              |                |      |             |      |             | AEP 440722654  |           |                |

REMARKS

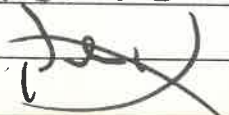
| DATE    | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS   |
|---------|--|
| 2-28-03 | <p>tech 2943.5 Removed engine ser # 42-14192. Installed engine ser. # CAC325. Installed new engine-driven fuel pump w/o 23306 dated 6-11-98 by SET Aircraft Accessories. Sealed left fuel tank. Replaced landing light extend/retract switch. Serviced battery. Serviced brakes w/5606 Replaced left aileron assist cable and elevator pre-load cable. Replaced com radio antenna. Replaced tail position bulb. Replaced chemical pump fan assembly. Resealed hopper access door. Recovered hor. stabilizer, elevators, vertical stabilizer and rudder. See Form 337 dated 2-28-03. Painted with U.S. Paint yellow 69354, blue 65007. Rigged tail surfaces in accordance with service manual. %w A.D. 84-2602 (Induction Air Filters) by installing new element. %w A.D. 80-04-06 (cracks in tubular front spar) by inspection. %w A.D. 93-01-03 (wing front spar) by inspection. AID check thru 2003-04. I certify that this airplane has been inspected in accordance with a 100hr. inspection and was found to be airworthy.</p> <p style="text-align: center;">  <br/>AEP 440722654           </p> |

End.

FLIGHT LOG

| No. of Pass.  | TIME OF FLIGHT |      | TIME IN AIR                       |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS | SIGNATURE | LICENSE NUMBER |
|---|----------------|------|-----------------------------------|------|-------------|---------------------------------|-----------|----------------|
|   | Up             | Down | Hours                             | Min. |             |                                 |           |                |
| 29  | 3.5            |      | Total                             | 77   | 84.1        | Eng Time SMOH "D" TSLI 220.6    |           |                |
| I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in satisfactory condition. John Watkins ACP 2054825 I.A. |                |      |                                   |      |             |                                 |           |                |
| 30  | 35.7           |      | Removed left magneto ser # BB9826 |      |             |                                 |           |                |
| Installed # BB4362 yellow tag dated 7-01-03 work order 03-016 by Tulsa Aircraft Engines. Run-up OK.   |                |      |                                   |      |             |                                 |           |                |
|  AP440722654   |                |      |                                   |      |             |                                 |           |                |

REMARKS

| DATE   | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS  |
|--------|---|
| 2-3-04 | tach 8134.4 TT 7975.0 - Removed carburetor - installed Rebuilt carburetor w/o 2449 date 7/5/94 by Tulsa Aircraft Engines Repacked all wheel bearings. Replaced the following w/ new - right brake pads, O-rings right brake caliper, right brake disk, right main tire, all shock biscuits, Repaired crack left cabin door, Removed dent right wing leading edge. Serviced fuel strainer and battery, brakes w/ 5206. Lubed cables, pulleys greased all fittings. Repaired left aux pos. light fixture. Cleaned aircraft. S/W AD 84-26-02 (Induction air filter) by inspection S/W AD 93-01-03 by inspection. AD-2003-07-01 supercedes 2000-11-16. (lower spec cap bolt holes) no change in compliance date status. Status list updated. AD check thru 04-03. I certify that this aircraft has been inspected in accordance with a 200 hr. inspection and was determined to be in airworthy condition End.  AP440722654 |

FLIGHT LOG

| No. of Pass.   | TIME OF FLIGHT  |      | TIME IN AIR                           |      | Miles Flown | REPAIRS - ADJUSTMENTS - REMARKS                                  | SIGNATURE | LICENSE NUMBER |
|--|---|------|---------------------------------------|------|-------------|--|-----------|----------------|
|  | Up  | Down | Hours                                 | Min. |             |  |           |                |
|  | Time 3134   |      | A/C Total 7975.0 TSLI 190.9           |      |             | Engine Time since major overhaul 191.0 Prop Time since OH 2270.4 |           |                |
|  |   |      |                                       |      |             | A.P. check thru 2004-02 See status list with logs.               |           |                |
| <p>I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.</p> <p>John Wether's ACP2054825IA.</p> |   |      |                                       |      |             |  |           |                |
| CL 3173  | Removed carburetor ser # 571740 - Installed carburetor ser. # 5715649 40 04-053 |      | date 2-16-04 by T.J.S. Direct Engines |      |             | ops. check OK  |           |                |
| <p style="text-align: right;">AP440722654</p>  |   |      |                                       |      |             |  |           |                |

REMARKS

| DATE        | INSPECTION - MAINTENANCE - REPAIRS - ALTERATIONS   |
|-------------|--|
| 11/05/04    | Tach Time 3333.4 hr Total Time 8172.4 hr<br>C/w A.D. 2003-07-01 by Eddy Current Inspection per SBAG-39 Rev. 1 & Letter of "Amoc" dated 08/03 with no cracks detected. Next Due at 8872 hrs T.S. Pl B. Hay A # P431827266 -   |
| 2-5-05      | Tach 3333.5 Replace air filter w/new, Replace brake pads and O-rings right brake, Rotate right mai. tire, Pack wheel bearings, Replace tailwheel lock cable. Replace magneto switch, Replace elevator hinge bushings, Replace engine access door hinge, Replace front bolt servo aero tailwheel spring. Inspect airframe for cracks, corrosion cables & pulleys rod-ends, control surfaces, Repaired broken wire left nav light, Serviced battery, Serviced brakes 4500 C/w A.D. 80-04-06 (cracks in front spar) by inspection C/w A.D. 93-01-03 (wing front spar) by inspection C/w A.D. 84-26-02 (Induction air filter) with new element A.D. check thru I certify that this aircraft has been inspected in accordance with a 100 hr inspection and is in airworthy condition. |
| AP440722654 |  |

RADIO INSPECTION AND REPAIR

| Y CHECKED   |   | REPAIRS |             |              |
|---|---|---------|-------------|--------------|
| ED BY   | RESULTS   | DATE    | REPAIRED BY | REPAIRS MADE |
| 3333.5  | Total Time 8174.1, Time since last inspection 199.5, Engine TSMOH 390.0, Prop TSOH 2,469.5. A.D. check thru 2005-02. See status list with logs. |         |             |              |
| I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. John Watkins AWP2054825 IA |   |         |             |              |
| 3846.1  | Complied w/ Thrush Aircraft Service letter SB-AG-16 (swaged cable assembly inspection) date Mar. 10 2005 accomplished on 3-21-05.               |         |             |              |
|   |   |         |             | AP440722654  |

RADIO INSPECTION AND REPAIR

| FREQUENCY CHECKED |              |         | REPAIRS |             |  |
|-------------------|--------------|---------|---------|-------------|--|
| DATE              | INSPECTED BY | RESULTS | DATE    | REPAIRED BY | REPAIRS MADE   |
| 7-22-05           | tack         | 3473.2  |         |             | Replaced alternator w/ rebuilt - see yellow tag w/o # 14185 date 8-22-01 by Skytronics Inc. ops check OK   |
|                   |              |         |         |             | AP440722654  |
| 9-16-05           | tack         | 3549.7  |         |             | Replaced left magneto - installed magneto ser # B26925 w/o 05-135 by Tulsa Aircraft Engines - see yellow tag dated 05/25/05. Replaced right brake pads - run-up OK |
|                   |              |         |         |             | AP440722654  |

RADIO INSPECTION AND REPAIR

| CHECKED |            | REPAIRS |             |   |
|---------|------------|---------|-------------|---|
| Y       | RESULTS    | DATE    | REPAIRED BY | REPAIRS MADE  |
|         | ch. 3563.6 |         |             | Removed engine - sent to Aircraft Engine for inspection and repair. |
|         |            |         |             | led engine and prop - run up/leak ck. OK                            |
|         |            |         |             | d cyl. head temp. probe. Replaced all brake                         |
|         |            |         |             | new - serviced brakes w/5606. Replaced                              |
|         |            |         |             | st and aluminum block on tailwheel assy.                            |
|         |            |         |             | d outer wheel bearing right main. Replaced                          |
|         |            |         |             | eel bearings. Replaced prop governor cable                          |
|         |            |         |             | next →  |

MEMORANDUM

DATE \_\_\_\_\_

red-end. Repaired cracked dishpan, carb heat box  
 flapper. Cleaned fuel strainer. Serviced battery. lubed  
 gear bolts, pulleys, rod-ends. Replaced h&R rudder  
 pedal hinge bushings and bolts. C/W Thrush Aircraft  
 SB AG-47 by inspection 9/1 A.D. 93-01-03 by inspection  
 9/1 89-26-02 (Induction air filter) by inspection. I certify  
 that this airplane has been inspected in accordance with  
 a 100 hr. inspection and was found to be airworthy

*[Signature]* AXP40222654

3-9-06 Tach 3563.6 Total 8404.2 TSLI 230.1 A.D. check thru 2006-05.

I certify that this aircraft has been inspected in accordance  
 with an Annual Inspection and was determined to be in  
 airworthy condition. John Watkins AXP2054825 I.A.

3650.7 tach - Removed engine ser. # CAC325,  
 stalled rebuilt engine ser. # 42-14192, Installed  
 ed/serviceable spark plugs. Replaced propeller  
 screw w/overhauled unit. Replaced Air Conditioner  
 compressor and voltage regulator w/serviceable  
 its. Run up/ops check OK.

AP440722654

Transferred this entry to log no. 2

| MAJOR REPAIR AND ALTERATION<br>(Airframe, Powerplant, Propeller, or Appliance)   |   | Form Approved<br>OMB No. 2120-0020<br>For FAA Use Only  |
|--|---|---|
| U.S. Department of Transportation<br>Federal Aviation Administration   |   | Office Identification   |
| INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958). |   |   |
| 1. Aircraft  | Make<br>Rockwell International<br>Serial No.<br>2105R   | Model<br>S2R<br>Nationality and Registration Mark<br>N4914X   |
| 2. Owner   | Name (As shown on registration certificate)<br>Compton's Flying Service, Inc.   | Address (As shown on registration certificate)<br>300 North Cimarron Street<br>Boise City, OK 73933   |
| 3. For FAA Use Only<br>The Data/Alteration identified herein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.<br>Date: 7-29-94<br>Approving Inspector: [Signature]   |   |   |
| 4. Unit Identification   |   |   |
| Unit   | Make  | Model   |
| AIRFRAME   | (As described in Item 1 above)  |   |
| POWERPLANT   |   |   |
| PROPELLER  |   |   |
| APPLIANCE  | Type  | Manufacturer  |
| 5. Type<br>Repair Alteration<br>X  |   |   |
| 6. Conformity Statement  |   |   |
| A. Agency's Name and Address   | B. Kind of Agency   | C. Certificate No.  |
| Cory French<br>1304 Ave E<br>Dodge City, KS 67801  | <input checked="" type="checkbox"/> U.S. Certificated Mechanic<br><input type="checkbox"/> Foreign Certificated Mechanic<br><input type="checkbox"/> Certificated Repair Station<br><input type="checkbox"/> Manufacturer | 512621962   |
| D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.                 |   |   |
| Date   | Signature of Authorized Individual  |   |
| 7-26-94  | [Signature]   |   |
| 7. Approval for Return to Service<br>Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED   |   |   |
| BY   | <input type="checkbox"/> FAA Flight Standards Inspector<br><input type="checkbox"/> FAA Designee  | <input checked="" type="checkbox"/> Manufacturer<br><input type="checkbox"/> Inspection Authorization<br><input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group |
| Date of Approval or Rejection  | Certificate or Designation No.  | Signature of Authorized Individual  |
| 8-3-94   | 5-12621962  | [Signature]   |

MEMORANDUM

DATE \_\_\_\_\_

WORTHINESS DIRECTIVE COMPLIANCE RECORD

Appliance/Comp. Make Dust Model 52R Ser.No. 2105R

| Date and Hours at Compliance | Method of Compliance | ONE-TIME  |  | Next Comp. Due Date/Hours | Authorized Signature and Number |
|------------------------------|----------------------|-----------|--|---------------------------|---------------------------------|
|                              |                      | RECURRING |  |                           |                                 |
| 4-4-80                       | Instal ADK Kit       |           |  |                           | <i>[Signature]</i> 13072        |
| 4-4-80                       | Inspect Cracks       |           |  | 1267                      | <i>[Signature]</i> 13072        |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |
|                              |                      |           |  |                           |                                 |

Date 1-7-1989

WO# 04044

Page 1 of 1



FAA CRS #267-91  
 Telex: 5106001578  
 FAX: 405-262-6230  
 P.O. Box 836  
 El Reno Mun. Airpark HGR 2  
 El Reno, OK 73036 USA

N- 4914 X

S/N \_\_\_\_\_

Time 61.2

405-262-1360

Installed coustomen furnished Clifford oil cooler P/N 69093 S/N 01062. All hardware was reused as removed. Engine has not been test run on leak ch'd. END

Sky Craft Aviation, Inc.  
 Hgr 2, Municipal Airpark  
 P. O. Box 836  
 El Reno, Oklahoma 73036  
 405-262-1360  
 Telex # 5106001578 Skycraft Avi  
 FAA CERTIFIED REPAIR STATION # 267-91

*Roger D. Groves*

ime + 4840.6 = Total Time Airframe

Ref. 3-12-85 T  
7-2-88 Log #1  
3-1-91 L

**AIRCRAFT DESCRIPTION**

|                  |                          |                     |        |              |       |
|------------------|--------------------------|---------------------|--------|--------------|-------|
| MANUFACTURER     | Rockwell Intl.           | MODEL               | S2R    | DATE OF MFG. | 11/74 |
| SERIAL NUMBER    | 2105R                    | REGISTRATION NUMBER | N4914X |              |       |
| REGISTERED OWNER | Ralph & Mary Ann Compton |                     |        |              |       |
| STREET ADDRESS   | 800 N. OKCA.             |                     |        |              |       |
| CITY, STATE, ZIP | Boise City, OK 73933     |                     |        |              |       |
| OPERATOR         |                          |                     |        |              |       |
| STREET ADDRESS   |                          |                     |        |              |       |
| CITY, STATE, ZIP |                          |                     |        |              |       |
| REGISTERED OWNER |                          |                     |        |              |       |
| STREET ADDRESS   |                          |                     |        |              |       |
| CITY, STATE, ZIP |                          |                     |        |              |       |
| OPERATOR         |                          |                     |        |              |       |
| STREET ADDRESS   |                          |                     |        |              |       |
| CITY, STATE, ZIP |                          |                     |        |              |       |
|                  |                          |                     |        |              |       |
|                  |                          |                     |        |              |       |
|                  |                          |                     |        |              |       |
|                  |                          |                     |        |              |       |
|                  |                          |                     |        |              |       |

**Inspection Status**

[Check one]

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED \_\_\_\_\_

MAINTENANCE RESPONSIBILITY

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



MAINTENANCE RECORD  
F.A.R. 43.9

| AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED  | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------------|--|---|
| 36507 tach               | Removed engine ser# CAC325. Installed rebuilt engine ser# 42-14192. Installed used/servicable spark plugs. Replaced propeller governor w/overhauled unit. Replaced air conditioner compressor and voltage regulator w/servicable units. Run up / ops check OK.   | AP440722654   |
| 36719 tach               | Packed tailwheel bearings, repaired right nav. light. serviced battery, serviced brakes system c/w AD 80-04-06 (cracks in tubular front spar) by inspection c/w AD 93-01-03 (Wt. Front spar) by inspection. c/w AD 84-2602 (Induction air filters) by installing new. AD check thru 2007-01. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be airworthy. | AP440722654   |

MAINTENANCE RECORD  
F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
| 1-16-07            | Tach 36719               | Total Time A/F 8512.5 Engine time since OH 21.2 Time since last inspection 108.3. A.D. check thru 2007-01. I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. John Watkins ATP 2054825 J.A. |   |
| 5-19-07            | 373816 tach              | Removed propeller from airplane for compliance w/AD 81-13-06 R2 work accomplished by Aircraft Accessories of Oklahoma w/o # 37813. Installed prop on 494X.  | AP440722654   |

**MAINTENANCE RECORD**

**F.A.R. 43.9**

| AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------------|---|---|
| 3921.9                   | Tech. Reversed left spray boom - tilt and pack on fuel duct - bubble pump & fuel driver. Repair belt & right main gear. Repair fuel door door spray. Replace right main tire. Rotate left main tire. Replace all wheel bearings. Service brakes, service battery. <i>EW AD 93-01-03 by inspection - EW AD 84-26-01 by inspection EW AD 2007-26-01 by inspection. I certify that this airplane has been inspected in accordance with a 100 hr. inspection and was found to be airworthy.</i> | <i>SP 440722654</i>   |
| Tach 3921.9              | Total time 8762.5 TSHinsp. 250<br>A.P. check thru Biweekly No. 2008-04 see status list with logs.<br>A.P. 2007-26-01 (13) due replacement JAN 2010 I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. John Watkins #P2054825 I.A.   | Engine TSMOH 271.2  |

**MAINTENANCE RECORD**

**F.A.R. 43.9**

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED  | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|--|---|
| 3-3-09             | TACH 4227.1              | TOTAL TIME 9067.7 Complied with AD06-07-15 By Eddy Current Inspection of Lower Spar Caps AS per PS 197 Insp method. NO CRACKS FOUND THIS DATE AND TIME NEXT DUE EVERY 625 HRS OR 9692.7 T.T. 4852.1 TACH TIME - END<br><i>Wendell A&amp;P 523041489.</i>   |   |
| 3-3-09             | Tach time 4227.1         | Total time 9067.7<br>Complied with AD 80-04-06 Tubular front spar by inspection, AD 2007-26-01 (e) (1) Fin spar attach fittings by inspection, AD93-01-03 Wing front spar by inspection and AD 84-26-02 Induction air filters para.(b) by installing new filter. AD check thru BW 2009-05, see Status List with logs. Installed new brake linings and O seals on left main. Rotated tire on right main. Serviced all wheel bearings. Replaced cabin entrance step with new unit. Installed new saddle block and forward bolt on tail wheel. Installed new rudder horn bolt and strobe light bulb. Installed new smoker fitting in exhaust. Cleaned aircraft. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. | A&P 440722654   |

# MAINTENANCE RECORD

F.A.R. 43.9

| AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------------|---|---|
| 3-3-09                   | Tach time 4227.1 Total time 9067.7<br>AD check thru BW 2009-05, see Status List with logs. Time since last inspection 305.2 .<br>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. <u>John Watkins</u>   | A&P 2054825 IA  |
| 2-27-10                  | Tach time 4482.1 Total time 9322.7 Time since last inspection 255.0 N4914X<br>AD 2009-26-11 previously complied with, times remain the same as established for the previous AD 2006-07-15. This aircraft is a Group 3 as per para. (c) Table 1, Model (15) S-2R para (i) (6) next Eddy Curent inspection due at 4877.1 Tach time or 9812.7 Total time ( each 650 hours TIS ) and replacement para (j) Table 6 ( xvii ) use Table 7 ( xxv ) Groups 3 and 6 28,800 hours TIS or Total time. Complied with AD 93-01-03 by inspection and AD 84-26-02 by filter replacement. AD check thru BW 2010-04 see Status List with logs. Replaced points on left and right magnetos. Replaced rear A/C compressor bracket. Lubed prop governor cable. Replaced aircraft battery with new. Replaced rivets left elevator trim tab. Rotated right main tire. Repacked all wheel bearings. Repair dents right wing leading edge. Replace 4 loose rivets right wing. Inspect all cables, pulleys and torque tubes. Reseal hopper bolts. Cleaned aircraft. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. | <u>John Watkins</u><br>A&P 440722654                        |

# MAINTENANCE RECORD

F.A.R. 43.9

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE           | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE  |
|--------------------|------------------------------------|---|--|
| 2-27-10            | Tach time 4482.1 Total time 9322.7 |   | N4914X<br>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.<br><u>John Watkins</u> A&P 2054825 IA   |
| 4/30/10            | 4502.2                             | Replaced right magnetos w/ yellow key unit - ser# BB-10304 w/ G-4033<br>run-up OK<br>AP 3491861 |  |
| 3-3-11             | Tach time 4662.2 Total time 9502.8 |   | N4914 X<br>Complied with AD 93-01-03 Wing front spar by inspection. Complied with AD 84-26-02 Induction air filters by installing new filter. AD check thru BW 2011-05, see Status list with logs. AD 2009-26-11 Eddy current inspection due at 4852.1 tach. Removed bird strike dents in wing leading edges. Installed new wheel bearings on right main, packed all wheel bearings. Replaced cowl Dzus fasteners as required. Rt. main tire replaced with recap.<br>I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. <u>John Watkins</u> A&P 2054825 IA |

**MAINTENANCE RECORD  
F.A.R. 43.9**

| N   | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|-----|--------------------------|---|---|
| 211 |                          | Removed aircraft battery GESE & replaced with New GE512<br>Oil 2 Fane, <sup>ouch</sup><br>ATP 1924720 |   |

**MAINTENANCE RECORD  
F.A.R. 43.9**

| DATE OF COMPLETION | AIRCRAFT TIME IN SERVICE | DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED   | AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE |
|--------------------|--------------------------|---|---|
| 3-28-13            |                          | EDDY CURRENT OF LWR SPAR COMPLETED WITH IAW AD 2009-26-11 AND Ayres Corp. SB. SB-A6-39. NO DISCREPANCIES DETECTED. REFERENCE PARAGON SERVICES Job No. W-C270313 |   |

3-19-12 Tach time 4841.3 Total time 9681.9 N4914X  
 Complied with AD 93-01-03 Wing front spar by inspection and 84-26-02 (a) (b) Induction ail filters by installing new filter. Complied with AD 80-04-06 Tubelar front spar by inspection. AD check thru BW 2012-05 see Status List with logs. Removed bird strike dents from leading edge of wings. Serviced battery and brake system. Replaced missing cowl fasteners as needed.  
 I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. John Watkins A&P 2054825 IA

888-272-1417  
 9692.9  
 Total Time  
 JW  
 PP

|    |                  |  |  |
|----|------------------|--|--|
| 12 | Tach time 4852.0 | Remove prop for A.D. compliance<br>Removed Tach for overhaul. Eddy current<br>A.D. due. John Watkins A&P 2054825 |  |
|----|------------------|--|--|

# PARAGON SERVICES, INC.

1015 S. WEST STREET  
WICHITA, KS 67213-1627  
(316-945-5285)  
FAA REPAIR STATION OK2R060L

PAGE 1 OF 1  
DATE MARCH 27, 2013  
JOB NO. W-C270313  
P.O.# N4914X



## NDI REPORT



SOLD TO: FARMER AERIAL Aq, LLC  
P.O. Box 565  
BOISE CITY, OK 73933

JOB SITE LOCATION: BOISE CITY Airport

| PART NO./NAME/DESCRIPTION: | APPLICABLE SPECIFICATION        | INSPECTION METHOD |
|----------------------------|---------------------------------|-------------------|
| Model - <u>S2R</u>         |                                 | (1) MAG. PARTICLE |
| S/N - <u>2105R</u>         |                                 | (2) F. PENETRANT  |
|                            |                                 | (3) RADIOGRAPHIC  |
|                            | A.D. 2009-26-11, Amen. 39-16150 | (4) EDDY CURRENT  |
|                            |                                 | (5) ULTRASONIC    |
| TOTAL TIME: <u>9,692.9</u> |                                 | (6) LARASCOPE     |

**SPECIFIC INSTRUCTIONS:**

(4) Inspect boltholes located in lower spar cap for cracks per Ayres Corporation Service Bulletin SB-AG-39, dated Sept. 17, 1996. (L.H. & R.H.) and in accordance with Paragon Services, Inc. FAA approved procedure SMPP 0015-01.

**INSPECTION REPORT**

Cracks Detected (NOTE: Crack length must be reported to satisfy FAA requirement):

5/16" Bolt Hole L.H. - NONE

1/4" Bolt Hole L.H. - NONE

5/16" Bolt Hole R.H. - NONE

1/4" Bolt Hole R.H. - NONE

**NOTE:** If any cracks detected, Page 2 of this report must be completed in it's entirety and complete report submitted to Manager, Atlanta ACO within 10 days - FAX (770)703-6097

**CERTIFICATION OF COMPLIANCE**

All items comprising this order have been Nondestructively Inspected in accordance with applicable specifications. Documented records of compliance are available for review by customer.

|                                    |                           |                           |
|------------------------------------|---------------------------|---------------------------|
| SIGNATURE <u>[Signature]</u>       | SIGNATURE _____           | SIGNATURE _____           |
| FAA RPMN. NO. <u>2577879</u>       | FAA RPMN. NO. _____       | FAA RPMN. NO. _____       |
| LEVEL <u>III</u> PROCESS <u>ET</u> | LEVEL _____ PROCESS _____ | LEVEL _____ PROCESS _____ |

**ALL WORK PERFORMED BY QUALIFIED PERSONNEL**