

ENGINE LOG

Back

closed



PHILIP AIRCRAFT CORPORATION

*RIGHT*  
**ENGINE LOG**

PIPER AIRCRAFT CORPORATION

General Offices at  
Lock Haven, Pennsylvania  
U. S. A.

Part No. 230 716

## ENGINE DESCRIPTION

Manufacturer: Lycoming Serial No. L-230-67A  
WILLIAMSPORT, PA. Horsepower: 200  
 Model: LIO-360-C1E6 FAA T. C. No. 1E10

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

[illegible]



## ENGINE LOG

| Date                   | Engine Time                                                                                                                                                   |                      | Recorder Reading                                                     | Maintenance    |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------|----------------|
|                        | This Date                                                                                                                                                     | Since Major          |                                                                      |                |
|                        | Brought Forward →                                                                                                                                             |                      |                                                                      |                |
|                        | TOTAL TIME <u>61.2</u>                                                                                                                                        | DATE <u>6-5-72</u>   |                                                                      | <u>WARRANT</u> |
|                        | I certify that this <u>ENGINE</u> has been inspected in accordance with <u>50 HR</u> inspection requirements and was determined to be in airworthy condition. |                      |                                                                      |                |
|                        | Pertinent details of this inspection are on file under work order No. <u>7165</u>                                                                             |                      |                                                                      |                |
|                        | A. D. Bulletins to <u>[Signature]</u> complied with authorized signature                                                                                      |                      |                                                                      |                |
|                        | WESTERN AIRCRAFT COMPANY, INC.<br>OAKLAND INTERNATIONAL AIRPORT                                                                                               |                      | OAKLAND, CALIFORNIA 94612<br>F.A.A. APPROVED REPAIR STATION NO. 4644 |                |
|                        | TOTAL TIME <u>120.02</u>                                                                                                                                      | DATE <u>12-12-72</u> |                                                                      |                |
|                        | I certify that this <u>ENG</u> has been inspected in accordance with <u>ANNUAL</u> inspection requirements and was determined to be in airworthy condition.   |                      |                                                                      |                |
|                        | Pertinent details of this inspection are on file under work order No. <u>7514</u>                                                                             |                      |                                                                      |                |
|                        | A. D. Bulletins to <u>12-22-3</u> complied with authorized signature <u>[Signature]</u>                                                                       |                      |                                                                      |                |
|                        | WESTERN AIRCRAFT COMPANY, INC.<br>OAKLAND INTERNATIONAL AIRPORT                                                                                               |                      | OAKLAND, CALIFORNIA 94612<br>F.A.A. APPROVED REPAIR STATION NO. 4644 |                |
| Total To Carry Forward |                                                                                                                                                               |                      |                                                                      |                |

| and Remarks                                                                                                                                                                                                      | Signature | Certificate No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| 5-22-73 T.T. 1846.19 CHANGED OIL                                                                                                                                                                                 |           |                 |
| & CLEANED SCREENS ADDED 8 QTS                                                                                                                                                                                    |           |                 |
| CUSTOMER FURNISHED OIL SHELL                                                                                                                                                                                     |           | SUPERX          |
| 10W-20W-50W                                                                                                                                                                                                      |           |                 |
|  WESTERN AIRCRAFT COMPANY, INC.<br>OAKLAND INTERNATIONAL AIRPORT<br>OAKLAND, CALIFORNIA 94614<br>REPAIR STATION<br>FAA NO. 4644 |           |                 |
|                                                                                                                                                                                                                  |           |                 |
|                                                                                                                                                                                                                  |           |                 |
|                                                                                                                                                                                                                  |           |                 |
|                                                                                                                                                                                                                  |           |                 |
|                                                                                                                                                                                                                  |           |                 |
|                                                                                                                                                                                                                  |           |                 |



## ENGINE LOG

| Date                   | Engine Time       |             | Recorder<br>Reading                                                                                                                                   |
|------------------------|-------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date         | Since Major | Maintenance                                                                                                                                           |
| 10-12                  | Brought Forward → | 237.43      | CHANGED OIL, REPLACED FILTER,<br>CLEANED OIL SCREEN, CHW AD T3+4-2 [EXHAUST],<br>SERVICED PROP ACCOUNTS & WASHED ENG + COOL.<br><br>CL/Hye APPENDIX D |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
|                        |                   |             |                                                                                                                                                       |
| Total To Carry Forward |                   |             |                                                                                                                                                       |



and Remarks

Signature

Certificate No.

ANNUAL INSPECTION

NEW OIL FILTER.

S.B. 661 C/W

AD. 72-15.2 C/W

AD. 73-7.2 C/W

DATE 12-18-73 TACH 272

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL  
SYSTEM CLEANED, MAG TIMING AND COMPRESSION  
CHECKED, MAGNETO CLEANED, OPERATIONAL RUN UPI certify that this engine has been inspected in ac-  
cordance with a 100% annual inspection and was  
determined to be airworthy.

AI 1313703

REDWOOD AVIATION • SANTA ROSA, CALIF.

| and Remarks                    | Signature                                                                                            | Certificate No. |
|--------------------------------|------------------------------------------------------------------------------------------------------|-----------------|
| 4-22-74 TACH 303               |                                                                                                      |                 |
| NEW EXHAUST SYSTEM KIT 760-764 | S.L.                                                                                                 | 673             |
| SPINNER KIT 760-760 S.L.       |                                                                                                      | 677             |
| DAMPER KIT 760-781 S.L.        |                                                                                                      | 677             |
| FLT. MANUAL REVISED.           | REDWOOD AVIATION ENTERPRISES<br>SONOMA COUNTY AIRPORT<br>2238 Airport Blvd.<br>Santa Rosa, Ca. 95401 |                 |
|                                | H&P1313703 <i>Joe Rose</i>                                                                           |                 |
|                                |                                                                                                      |                 |
|                                |                                                                                                      |                 |
|                                |                                                                                                      |                 |
|                                |                                                                                                      |                 |
|                                |                                                                                                      |                 |

## ENGINE LOG

| Date                   | Engine Time     |                                                   | Recorder Reading | Maintenance |
|------------------------|-----------------|---------------------------------------------------|------------------|-------------|
|                        | This Date       | Since Major                                       |                  |             |
| 2/18/75                | Brought Forward | Annual Insp at 381 hrs                            |                  |             |
|                        |                 | 2 New Plug Bal cleaned adj tested. Insp           |                  |             |
|                        |                 | Checked oil Changed 2 new filters.                |                  |             |
|                        |                 | Control Checked. PP 12-17-1 in Induction Regs     |                  |             |
|                        |                 | Not Congruent with. (Parts on order from factory) |                  |             |
|                        |                 | Comp Check run & tested on Regs. about 1/2        |                  |             |
|                        |                 | on on Ruck Br. Control Checked                    |                  |             |
|                        |                 | Aircraft Mech following for Certification         |                  |             |
|                        |                 | AD 516, 706, 737, 5 B 358                         |                  |             |
|                        |                 | L & NY 181973                                     |                  |             |
| Total To Carry Forward |                 |                                                   |                  |             |

| and Remarks                                                                                                                                                                                   | Signature | Certificate No. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| <p>3/4/78 Tach Time 382</p> <p>Complied with A.D. 72-17-1 - S.B. #358</p> <p>Removed and Replaced Induction Air Box, Throttles Rigged, Engine Run O.K!</p> <p>Bover &amp; Ball AP 2017863</p> |           |                 |
| <p>3/2/75 Engine Installation Considered Airworthy</p> <p>Thick date of above Complies</p> <p>L &amp; AIF 1973.44</p>                                                                         |           |                 |

and Remarks

Signature

Certificate No.



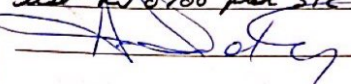
TACH. TIME 406 DATE 4-23-75  
I CERTIFY THAT THIS AIRCRAFT/  
ENGINE HAS BEEN INSPECTED IN  
ACCORDANCE WITH A 100 HR/  
ANNUAL INSPECTION AND WAS  
DETERMINED TO BE IN AN AIR-  
worthy CONDITION.

HENRY I. MCKAY  
INSPECTION

A & P 1395894  
AUTHORIZATION

**ROBERTSON AIRCRAFT CORPORATION**

8-8-75 Tach 464.5 Installed Remanufactured  
Propeller governor Hartzell P.M.F-6-18AL SN B40957  
Engine run & Leak check O.K. Bruce Bell A & P 2017863

| and Remarks                                                                         | Signature                    | Certificate No. |
|-------------------------------------------------------------------------------------|------------------------------|-----------------|
| 9-17-75 TACH 473-476                                                                |                              |                 |
| INSTALLED B.F GOOD RICH HOT PROP KIT 77-220                                         |                              |                 |
| STC # A750 - SA 900EA FLT. MANUAL REVISED                                           |                              |                 |
| REMOVED ALCON EGT. AND INSTALLED RITZAR EGT SYSTEM                                  |                              |                 |
| NEW ALTERNATOR BELTS, EXHAUST GASKETS                                               | REDWOOD AVIATION ENTERPRISES |                 |
|                                                                                     | SONOMA COUNTY AIRPORT.       |                 |
|                                                                                     | 2238 Airport Blvd,           |                 |
|                                                                                     | Santa Rosa, Ca. 95401        |                 |
| 2/2/76 0524.64                                                                      |                              |                 |
| Installed Pajon Turbocharger in accordance drawing list # RT0900 per STC SA 29374E. |                              |                 |
|     | APP 1355894                  |                 |



## ENGINE LOG

| Date                   | Engine Time                                                                                                                                                                                                                                         |             | Recorder Reading | Remarks            |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|--------------------|
|                        | This Date                                                                                                                                                                                                                                           | Since Major |                  |                    |
|                        | Brought Forward →                                                                                                                                                                                                                                   |             |                  |                    |
| 2/28/76                | <p>100 hr Prop Annual Insp.<br/>         (Comp. Checked, 9 Driv. &amp; Prop. Insp.<br/>         Checked. (Worms had changed with<br/>         readily) Controls Checked, Engine<br/>         Considered Airworthy at 500 hrs.<br/>         L.S.</p> |             |                  |                    |
|                        | <p>I certify this aircraft has been<br/>         inspected with <sup>prop</sup> annual inspe-<br/>         ction on <u>2/28/76</u> and found in<br/>         an airworthy condition.</p>                                                            |             |                  |                    |
| Total To Carry Forward |                                                                                                                                                                                                                                                     |             |                  | <p>L.S. 819/12</p> |

Auth. Mech.



and Remarks

Signature

Certificate No.

7/30/76 Oil Change Filter Change

636 hrs

Junc R4881973-4

DATE 3-1-77 TACH 696

## DIFFERENTIAL COMPRESSION TEST

| #1 | #2 | #3 | #4 | #5 | #6 |
|----|----|----|----|----|----|
| 80 | 80 | 80 | 80 | 80 | 80 |
| 71 | 72 | 73 | 74 | ✓  | ✓  |

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL  
SYSTEM CLEANED, MAG TIMING AND COMPRESSION  
CHECKED, NACELLE CLEANED-OPERATIONAL RUN UP  
I certify that this engine has been inspected in ac-  
cordance with a 100hr annual inspection and was  
determined to be airworthy.

SHELL w oil

A.E. 1315703 Joe Rann

REDWOOD AVIATION • SANTA ROSA, CALIF.

NEW FILTERS EMG. TIMING 20°

## ENGINE LOG

| Date                   | Engine Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             | Recorder Reading | Maintenance |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------|-------------|
|                        | This Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Since Major |                  |             |
|                        | Brought Forward →                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |                  |             |
|                        | Major Overhaul Engine - Install all new gaskets and seals - Install new cylinders at No. 3 and 4 position - new counterweight bushings, new camshaft, new hydraulic tappet bodies, new main and con rod bearings, con rod bolts and nuts, new L.W. 14131 Oil pump shaft and gear kit, new pistons, piston rings, piston plugs, new intake and exhaust valves, new valves and seats, new valve springs, new spark plugs, engine shock mounts. Fuel injectors cleaned and installed - adjust and test fly |             |                  |             |
| Total To Carry Forward |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                  |             |

and Remarks

Signature

Certificate No.

Propeller Overhauled by Western Aviation - Repair Order #17038  
AD 77-18-06 complied with.

DATE MAR 1 1978 TACH. 756

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL  
SYSTEM CLEANED, MAG TIMING AND COMPRESSION  
CHECKED, NACELLE CLEANED OPERATIONAL RUN UP

I certify that this engine has been inspected in ac-  
cordance with a [redacted] annual inspection and was  
determined to be airworthy.

AI 1313703

REDWOOD AVIATION, SANTA ROSA, CALIF.

| and Remarks                                             | Signature    | Certificate No. |
|---------------------------------------------------------|--------------|-----------------|
| 1-24-79 - TACH 874 DRAIN & CHANGE<br>OIL ACROSHELL 40 W | P.L. Nielsen | AEP1906206      |
| REDWOOD AVIATION ENTERPRISES                            |              |                 |
| SONOMA COUNTY AIRPORT                                   |              |                 |
| 2238 Airport Blvd.<br>Santa Rosa, CA. 95401             |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |
|                                                         |              |                 |

## ENGINE LOG

Date

Engine Time

Recorder  
Reading

This Date

Since Major

Brought  
Forward →

RETUNE MAGNETOS, SERVICE

PROP. AIR PRESSURE, REPLACE ALL EXHAUST GASKETS

CLEAN AND RESEAL FUEL INJECTORS AEROSHELL

DATE APR 2 1979 <sup>PRM</sup> TACH 937

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL  
SYSTEM CLEANED, MAG. TIMING AND COMPRESSION  
CHECKED. NACELLE CLEANED-OPERATIONAL RUN UP.  
I certify that this engine has been inspected in ac-  
cordance with a ~~1~~ annual inspection and was  
determined to be airworthy.

Philip L. Nielsen SEP 1906206 FA  
REDWOOD AVIATION - SANTA ROSA, CALIF.

Total To  
Carry Forward

| and Remarks                                                                                                                          | Signature     | Certificate No. |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| 6-6-79 - TACH. 995                                                                                                                   |               |                 |
| CHANGE OIL, LUBE CONVL FLAP                                                                                                          |               |                 |
| CONTROL: REDWOOD AVIATION ENTERPRISES<br>SONOMA COUNTY AIRPORT.<br>2233 Airport Blvd.<br>Santa Rosa, CA. 95401                       | P. L. Nielsen | #P 1906206      |
|                                                                                                                                      |               |                 |
| 9-6-79 TACH 1034                                                                                                                     |               |                 |
| CHANGE OIL SOLVENT ENGINES.<br>REDWOOD AVIATION ENTERPRISES<br>SONOMA COUNTY AIRPORT.<br>2233 Airport Blvd.<br>Santa Rosa, CA. 95401 | P. L. Nielsen | TA 1906206      |



Franklin, Mass. Liberty, Co.

[illegible]

| and Remarks                                                                                                                                                                                                                                                                                     | Signature                       | Certificate No. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|
| REPAIR CRACKED BAFFLE. REPLACE #1 & #3 EXH.<br>GASKETS, COMPLY WITH AD73-1402 BY INSP. AEROSHELL<br>50 W OIL.                                                                                                                                                                                   | DATE 8-6-80 TACH 1079 SMOH. 323 |                 |
| OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL<br>SYSTEM CLEARED, MAG TIMING AND COMPRESSION<br>CHECKED. NOZZLE CUTTING OPERATIONAL RUN UP<br>I certify that this engine has been inspected in ac-<br>cordance with a <del>FAA</del> <u>FAA</u> inspection and was<br>determined to be airworthy. |                                 |                 |
| Philip Nielsen TA 1906209<br>REDWOOD AVIATION - SANTA ROSA, CALIF.                                                                                                                                                                                                                              |                                 |                 |
| Oct 6, 1980 TACH 1105                                                                                                                                                                                                                                                                           |                                 |                 |
| CHANGED oil                                                                                                                                                                                                                                                                                     | 50 WT AEROSHELL                 |                 |
| INSTALLED                                                                                                                                                                                                                                                                                       | Steve Lampe ATP 1045182         |                 |

## ENGINE LOG

| Date                   | Engine Time                    |             | Recorder Reading | Remarks |
|------------------------|--------------------------------|-------------|------------------|---------|
|                        | This Date                      | Since Major |                  |         |
|                        | Brought Forward →              |             |                  |         |
| 10/8/80                | TACH 1121.07                   |             |                  |         |
|                        | CKD CHT PROBE AT CYL - 16      |             |                  |         |
|                        | REPLACED MISSING STUD # 10.    |             |                  |         |
|                        | EXHAUST.                       |             |                  |         |
|                        | REPAIRED CRACKED AND WORN ARE  |             |                  |         |
|                        | OF LH NOSE COWL                |             |                  |         |
|                        | INSPECTED EXHAUST SYSTEM WORKS |             |                  |         |
|                        | NOSE COWL OF SPOT AD 73-14-12  |             |                  |         |
|                        | Steve Rumpf                    |             |                  |         |
| Total To Carry Forward |                                |             |                  |         |

and Remarks

Signature

Certificate No.

11/03/80 TACH 116445

OIL AND FILTER CHANGED - ADDED AEROSHELL  
50 WT

INSPECTED EXHAUST SYSTEM PER AD  
73-14-02 WASHED ENGINE

Thyng & Sons

## ENGINE LOG

| Date                   | Engine Time                     |             | Recorder Reading | Water Temp |
|------------------------|---------------------------------|-------------|------------------|------------|
|                        | This Date                       | Since Major |                  |            |
| 11/14/80               | Brought Forward →               |             | 1177.0           | 100 Now    |
|                        | comp CK #1-75 #2-73 #3-75       |             |                  |            |
|                        | CLEANED AIR CLEANER C/W         |             |                  |            |
|                        | 7314-2. CHANGED # LT 161        |             |                  |            |
|                        | LEAD. RETIMED LEFT MAG          |             |                  |            |
|                        | 20° BTc THIS ENG HAS BEEN       |             |                  |            |
|                        | INSPECTED IN ACCORDANCE WITH    |             |                  |            |
|                        | 100 HOUR INSPECTION AND WAS     |             |                  |            |
|                        | DETERMINED TO BE IN AN AIRCRAFT |             |                  |            |
|                        | CONDITION.                      |             |                  |            |
| Total To Carry Forward |                                 |             | Shayne Temple    | At P1045R  |

and Remarks

Signature

Certificate No.

11/21/80 FAH 1180.6

REPLACED PROP SPINNER BLKHD

REINSTALLED PROP AND SIFTED

BOLTS

Shayne Lampe  
ATP 1045 182



## ENGINE LOG

| Date                   | Engine Time       |             | Recorder Reading | Maintenance                        |
|------------------------|-------------------|-------------|------------------|------------------------------------|
|                        | This Date         | Since Major |                  |                                    |
| 12-17-80               | Brought Forward → |             | 1213.            | Oil Changed 70                     |
|                        |                   |             |                  | oil filter change                  |
|                        |                   |             |                  | ATP 1045/82                        |
|                        |                   |             |                  | 2kay Lamp                          |
|                        |                   |             |                  | Prop sent to American Propellers   |
|                        |                   |             |                  | Service after rock strike occurred |
|                        |                   |             |                  | Engine crankshaft prop flange ok.  |
|                        |                   |             |                  | Prop reinstalled - torqued to spec |
|                        |                   |             |                  | and salted                         |
|                        |                   |             |                  | 2kay Lamp                          |
|                        |                   |             |                  | ATP 1045/82                        |
| Total To Carry Forward |                   |             |                  |                                    |

| and Remarks | Signature    | Certificate No. |
|-------------|--------------|-----------------|
| SD-W        | Todd Perkins |                 |
|             | Kurt Altmann | ATP 1207061     |
|             |              |                 |
|             |              |                 |
|             |              |                 |
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|             |              |                 |
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|             |              |                 |

## ENGINE LOG

| Date                   | Engine Time       |             | Recorder Reading | Maintenance                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|-------------------|-------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date         | Since Major |                  |                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1-25-81                | Brought Forward → |             | 1259             | Oil Change 7 qts 50W                                                                                                                                                                                                                                                                                                                                                                                               |
| 2/1/81                 |                   |             | 1243             | Installed all new REM-36 spark plugs and new ignition lead on #2 cylinder top.                                                                                                                                                                                                                                                                                                                                     |
| April 2, 1981          |                   |             | 1279             | Changed oil (AeroShell 50W) and installed new oil filter, diff. comp. #1 $\frac{29}{80}$ #3 $\frac{29}{80}$ #2 $\frac{26}{80}$ #4 $\frac{25}{80}$ , inst'd new induction air filter, insp exhaust system serviceable per A.O. 13-14-2, serviced magnetos, checked starter and alternator, dressed propeller, checked turbo-charger & plumbing, insp cabin heater muff, engine run-up. All operations satisfactory. |
| Total To Carry Forward |                   |             |                  |                                                                                                                                                                                                                                                                                                                                                                                                                    |

| and Remarks                                                                                                                                                | Signature     | Certificate No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
|                                                                                                                                                            | Paula Halden  | ATP 174001      |
|                                                                                                                                                            | Daniel Niles  | ATP 2148115     |
| I certify that this engine _____<br>has been inspected in accordance with a<br>Annual _____ inspection and was<br>determined to be in airworthy condition. | Daniel Niles  | IA2148115       |
|                                                                                                                                                            | April 2, 1981 |                 |

## ENGINE LOG

| Date                   | Engine Time         |             | Recorder Reading      | Maintenance                                                                                                                                                                                                              |
|------------------------|---------------------|-------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date           | Since Major |                       |                                                                                                                                                                                                                          |
|                        | Brought Forward →   |             |                       |                                                                                                                                                                                                                          |
| 9-24-81                | Tach Reads 1362 hrs |             |                       | oil changed filter replaced<br>installed New stick ignition/magneto<br>Mag Timing adjusted both mags<br>Willie Ayers<br>H&E 1167042                                                                                      |
| 10-8-81                | TACH READ           |             | 1377<br>(A-C)<br>1377 | DATE 10-8-81 TACH TIME 1377 TOTAL TIME 1377<br>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED<br>IN ACCORDANCE WITH A PRIME ENGINEERING<br>WAS DETERMINED TO BE IN AIRWORTHY CONDITION<br>BY <u>Don C. H.</u> A&P 1452402 |
| Total To Carry Forward |                     |             |                       |                                                                                                                                                                                                                          |

and Remarks

Signature

Certificate No.

3/3/82 <sup>WFO</sup> 75446 TACH 1429: Replaced left mag  
lead for #3 cylinder - checked mag  
distributor block & oil. Run up &  
checked O.K. Jack B. Richardson

AAR WESTERN SKYWAYS, INC.  
PORTLAND TROUTDALE AIRPORT  
TROUTDALE, OREGON 97060

ASST. CHIEF  
INSPECTOR RS4110

## ENGINE LOG

| Date                   | Engine Time       |             | Recorder Reading | Maintenance                                                                                                                                                                                                                                                                                     |
|------------------------|-------------------|-------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date         | Since Major |                  |                                                                                                                                                                                                                                                                                                 |
|                        | Brought Forward → |             |                  |                                                                                                                                                                                                                                                                                                 |
| 7-13-82                | RH Tach           | 1463.       |                  | Replaced oil with 50W compression was 72% or higher. inspected all connection, lub cables replaced all hoses per AD 81-19-04. prop AD all complied with. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. |
| 7-23-82                | RH tach           | 1469.9      |                  | Replaced prop GOVERNOR, control END. Adjusted control per SERVICE MANUAL.                                                                                                                                                                                                                       |
| Aug 18-82              | RH tach           | 1519.4      |                  | replace all exhaust gaskets control - Buell Hager 542548114                                                                                                                                                                                                                                     |
| Total To Carry Forward |                   |             |                  |                                                                                                                                                                                                                                                                                                 |

| and Remarks                                                                                                                                 | Signature | Certificate No. |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|
| Aeroshell and oil filter old oil filter checked out clean. higher. inspected all connection, lub cables replaced prop AD all complied with. |           |                 |
| has been inspected in accordance with an annual inspection. Kenneth & Co. AP572222091 SA                                                    |           |                 |
| Adjusted control per H. N. Phillips #P540586356                                                                                             |           |                 |
| with new no-blow gaskets - clean & gap spark plugs - lube mixture                                                                           |           |                 |



## ENGINE LOG

| Date                   | Engine Time       |             | Recorder Reading | Maintenance                                                                                                                                              |
|------------------------|-------------------|-------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date         | Since Major |                  |                                                                                                                                                          |
| 9-17-82                | Brought Forward → | Tach        | 1541.5           | Change oil & Filter<br>40W Amsoil change two heater cables<br>from heater Box                                                                            |
| 8-18-83                | 1598              |             |                  | Dialled crankshaft & installed rebuilt<br>propeller by Western Skyways. Return to Service is<br>required by Lgc. & 2163B fact of standard<br>1/2 2216506 |
| Total To Carry Forward |                   |             |                  |                                                                                                                                                          |

and MAINTENANCE RECORD FOR  
PIPER SENECA N4542T  
RIGHT ENGINE.

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

WILL HUGHES JAR175595

Signature

Certificate No.

## ENGINE LOG

[illegible]

and Remarks

Signature

Certificate No.

10-26-84 <sup>RT. TACH 1649.0</sup> ENGINE 100 HR Inspection completed  
I certify that this aircraft has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition.  
AS PER Piper Inspection Report.  
Compression; #1 74/80 #2 72/80 #3 75/80 #4 72/80.  
Changed oil & filter, Shell 40W, Checked  
points & timing of mag, cleaned, gapped, & rotated,  
plugs, checked hoses, lines, fittings, ELECTRICAL wiring,  
Accessories, INTAKE, & EXHAUST system for leaks &  
security. Replaced cam assembly in left mag,  
Reimed mag. to engine, Installed new nuts on  
fuel servo mount studs, tightened fittings on  
vacuum pump; C/W AD 72-15-02, ALTERNATOR,

## ENGINE LOG

| Date                   | Engine Time       |                               | Recorder Reading | Maintenance          |
|------------------------|-------------------|-------------------------------|------------------|----------------------|
|                        | This Date         | Since Major                   |                  |                      |
| 10-26-84               | Brought forward → | By Replacement of fan, C/w AD |                  |                      |
|                        |                   |                               |                  | AD 78-09-07, Impulse |
|                        |                   |                               |                  | Replaced INLET Air   |
|                        |                   |                               |                  | prop. Assembly V     |
|                        |                   |                               |                  | ASP 568722628.-      |
| Dec 31/84              |                   | Tach reads 1697.13 hrs.       |                  | Changed oil          |
|                        |                   |                               |                  | (CH #8103)           |
|                        |                   |                               |                  |                      |
|                        |                   |                               |                  |                      |
|                        |                   |                               |                  |                      |
|                        |                   |                               |                  |                      |
| Total To Carry Forward |                   |                               |                  |                      |

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and Remarks

Signature

Certificate No.

4-26-09, Mag bushing, previously complied, C/W  
Coupling, By replacement of cam Assembly.  
filter, Inspected, serviced, dressed, & painted  
shed, RAN, & LEAK<sup>in</sup> checked. Wesley M. Fox.

(Pershell 15/50) and filter,  
engine running satisfactorily

Jim Strong

AP2087556

## ENGINE LOG

| Date                   | Engine Time       |             | Recorder Reading | Maintenance                                                                                                                               |
|------------------------|-------------------|-------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|                        | This Date         | Since Major |                  |                                                                                                                                           |
| 4/26/85                | Brought Forward → | 993.9       | 1749.9           | (LAMPK 38.6) Drained Eng and replaced oil with Aeroshell 50W 1, 73/80 2, 75/80 3 turning. Certify in accordance with 6 to be in Airworthy |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
|                        |                   |             |                  |                                                                                                                                           |
| Total To Carry Forward |                   |             |                  |                                                                                                                                           |

| and Remarks                                                                                                                                                                                                | Signature      | Certificate No. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
| oil, cleaned oil screen<br>filter element, Service engine<br>Differential Compression Check.<br>7/80 4.76/80 Check mag/eng<br>This Engine has been insp in<br>100hr. insp and was determined<br>Condition. | Ronald K Beard | 2161884-1A      |



## ENGINE LOG

| Date                   | Engine Time       |                                           | Recorder Reading              | Maintenance |
|------------------------|-------------------|-------------------------------------------|-------------------------------|-------------|
|                        | This Date         | Since Major                               |                               |             |
|                        | Brought Forward → |                                           |                               |             |
| 7-9-85                 | CHANGED OIL.      | SERVICED WITH 8 QUARTS OF                 |                               |             |
| H-385 65.4             |                   |                                           |                               |             |
| RT-100 1799            | 93                | ARCOHELL 50W                              | CHANGED OIL FILTER. INSPECTED |             |
|                        |                   | OLD FILTER AND FINGERSCREEN. GROUND CHECK |                               |             |
|                        |                   | AND LEAK CHECKED. I CERTIFY THIS ENGINE   |                               |             |
|                        |                   | WAS INSPECTED IN ACCORDANCE WITH A 50 H   |                               |             |
|                        |                   | INSPECTION AND WAS DETERMINED TO BE IN    |                               |             |
|                        |                   | AIRWORTHY CONDITION                       |                               |             |
|                        |                   |                                           |                               |             |
|                        |                   |                                           |                               |             |
|                        |                   |                                           |                               |             |
| Total To Carry Forward |                   |                                           |                               |             |

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