

N4147G

2000 Piper Archer III

Engine Logbooks (1977-2003)



RidgeAir
WORLDWIDE
aviation specialists

MSN: 2843364

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

ENGINE LOG

#1

N5705V



2

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

| A. D. No. and Date | Item | Method of Compliance (See Log for Details) | Time on Engine | Date of Compliance | Signature and Certificate No. |
|--------------------|------|---|----------------|--------------------|-------------------------------|
| 80-06-5 | | SLICK MAG IMPULSE COUPLING | | N/A | |
| 79-15-2 | | CARB. PLUGS | | N/A | |
| 79-10-3 | | ENG MOUNT BOLTS | | N/A | |
| 78-23-10 | | FUEL INJECTOR | | N/A | |
| 80-25-07 | | N/A - HARRISON COOLER INSTALLED. | 1515. | 12/15/80 | M. Wines |
| 81-8-04 | R2 | Oil Pump Gears ^{due 2000 hrs} | 1582 | 7-15-82 | Johansen |
| 76-16-02 | | AIRBONE PUM. - Per S/N ^{N/A} | 1906 | 10-3-88 | Johansen 1414333 |
| 79-13-08 | | " " - N/A Per S/N | 1906 | 10-3-88 | Johansen 1414333 |
| 81-18-04 | R2 | Installed new gears as per log Oil Pump Gears SB 486C | 1993 | 12-12-90 | See log entry 12-12-90 |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| | | | | oil and Filter changed - Compression checked good - Set mag timing - cleaned and gapped plugs - Drained carb and gas-colator - welded end Flang on fwd muffler - replaced ex gaskets on left side, Replaced Alternator Filter - Dressed Prop |
| | | | | <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>TIME IN SERVICE <u>412.0</u> DATE <u>5/3/78</u> Dennis M. Mahling, Inspection Authorization 2013224 Sky Park Airport - Santa Cruz, CA 95066</p> |
| Total To Carry Forward | | | | |

Dennis M Mahling

| and Remarks | Signature | Certificate No. |
|---|-------------------------|-----------------|
| <p>Oil and Filter changed - Compression Good - checked mag timing - cleaned and gapped plugs - Drained carb and Fuel strainer - Replaced all exhaust gaskets -</p> | | |
| <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>TIME IN SERVICE <u>506</u> DATE <u>6/14/78</u> Dennis M. Mahling, Inspection Authorization 2013224 Sky Park Airport - Santa Cruz, CA 95066</p> | | |
| | <i>Dennis M Mahling</i> | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|---|-------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 9-18-78 | | | | Compression 75 Check mag oil & filter - 2 new Rem 40E plugs Weld rear ex outlet at muffler engine |
| <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. <u>501.0</u> TIME IN SERVICE <u>111</u> DATE <u>9-18-78</u> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060</p> | | | | |
| <p><i>Jack E. Johansen</i></p> | | | | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| <p>Changed oil and Filter - Compression ⁷⁵ to all cyls - cleaned and gapped plugs - checked timing - drained carb - checked fuel screen - insp exhaust sys and replaced gaskets - dressed prop and ran eng</p> | | |
| <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CON- DITION. TIME IN SERVICE <u>809</u> DATE <u>11-9-78</u> Dennis M. Mahling, Inspection Authorization 2013224 Sky Park Airport - Santa Cruz, CA 95066</p> | | |
| <p><i>Dennis M. Mahling</i></p> | | |

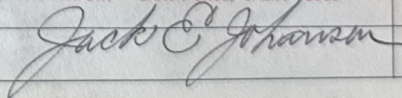
ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 11-30-78 | 837.4 | | | Changed oil - Dressed prop Dennis Mahling |
| 12-28-78 | 881.8 | | | changed oil - installed 8qt Aero shell 50wt, wash-down T. MOYER A4P 554888430 |
| 1-12-79 | 887.0 | | | Ex Valve Problems - |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| Clean plugs - Compression check - Check oil system Weld repair to mufflers & 2 stacks (Kinsley W1 2725) Check timing - Oil & filter change - Ream carb- | | |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>10 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. TIME IN SERVICE <u>901.0</u> DATE <u>2-6-79</u> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060 Jack E. Johansen | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|--------------|------------------|---|
| | This Date | Since Major | | |
| 04-05-79 | Brought Forward → | TACH: 978.3 | | OIL & FILTER CHANGE - 8qts 50 wt. Mark Wain 556151960 |
| 04/18/79 | | TACH: 1008.4 | | COMPRESSION CHK. All cyl. 76% MIN., OIL & FILTER CHANGE, PULLED STARTER AND REPLACED BENDIX P/N EBB75-A, FLUSHED CARB. & GASOLATOR, CLEANED EXH. PORTS, REPAIRED AIR INDUCTION HOUSING, INSPEC. EXH. SYS. FORWARD MUFF CRACKED, TIMED VALV'S TO ENG., CHK. AIT. BELT, INSPEC. SPINNER & BULKHEAD, DRESSED & PAINTED PROP., — |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| INSP. VAC. PUMP DRIVE, REPAIRED PRIMER LINE cyl. #4, INSTALLED NEW AIR CARTRIDGE (FRAM P/N CA 161 P2), CLEANED & GAPPED PLUGS, REPLACED 5 SPK PLUGS (REM 40 E CHAMPS.), WASHED DOWN ENG. CHECKED ALL AD'S, SB'S, & SL'S TO DATE, N/A AT THIS TIME. — | Mark Wain | 556151960 |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A TV ^{AV} ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. TIME IN SERVICE <u>1008.0</u> DATE <u>4-18-79</u> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060  | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 5/3/79 | TACH: 1051. | | | OIL & FILTER CHANGE - 89B. 50 WT. - M. Wen 536157960 |
| 6/14/79 | TACH | 1141 | | Replaced lower spark plug #2 cyl. Jack Johnson 19844-41 |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|----------------------------|-----------------|
| R&R exhaust gaskets, inspect engine mounts, Change oil & filter, compression check; all cyl 1, 2, 4 ^{75/80} or better cyl. #3 removed for replacement of exhaust valve & guide. Values reseated, cyl. honed & new piston rings installed. Cyl #3 reinstalled & run-in for 45 min. Fuel system flushed, pluggs cleaned & gapped, timing checked, prop dressed. | | |
| I certify that this aircraft has been inspected in accordance with a <u>100 hr</u> inspection & was determined to be in airworthy condition | Tach: 1116 Date: 6/6/79 | |
| T. Moyer 554888430 | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|---|-------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 7/16 | Tech | 1217.0 | | Comp. chks. 42 & 4 ⁷⁶ / ₈₀ ⁷⁴ / ₈₀ |
| chg oil & filter - flushed carb & gascolator clean ex. flanges & dye check ex. ports - repaired cooling baffles replaced alternator support brkts. pt # & alt. drive belt # 452-541 - inspect exhaust sys. Time magz to eng. - insp. sprayer & bulkhead - dressed or painted prop. replaced flex sections of primer line - clean & insp air filter. - cleaned gaped plugs - washed down eng. - remake upper | | | | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| plug wire conn. # 2 cyl - insp valves # 1 & 3 cyl.s | | |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. TIME IN SERVICE <u>1217.0</u> DATE <u>7-16-79</u> JACK E. JOHNSON A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060 <i>Jack E. Johnson</i> | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 8-17-79 | TACH: 1303 | | | Changed oil & filter, Inspected exhaust system & mufflers, checked mag timing, cleaned & gapped plugs, inspected engine mount, flushed fuel system, replaced all exhaust gaskets. Inspected starter brushes. |
| Total To Carry Forward | | | | |

ENGINE LOG

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| Dressed & painted prop, compression check - all 75/80 or better, repaired heat muff. Wash-down & run-up | | |
| I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A _____ INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE <u>1303</u> DATE <u>8-17-79</u> Thomas L. Meyer - A & P Mechanic #55488430 MUNICIPAL AIRPORT, SANTA CRUZ, CA 95060 | | |
| | T. Meyer | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|--|-------------------|-------------|------------------|-------------|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| Date: 10-18-79 Tach: 1406 | | | | |
| Changed oil & filter, Installed | | | | |
| 8qt Aeroshell 50wt compounded, installed | | | | |
| new exhaust gskts., inspected muffler & | | | | |
| exhaust system, cleaned & gapped pluggs, | | | | |
| checked mags for timing, flushed | | | | |
| carb & gascolator, compression | | | | |
| checked all 25/60 or better, Dressed | | | | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| and painted prop. | | |
| <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>TIME IN SERVICE <u>1406</u> DATE <u>10-18-79</u></p> <p>Thomas L. Moyer - A & P Mech. # 19166S48 MUNICIPAL AIRPORT, SANTA CRUZ, CA 95061</p> | | |
| | T. Moyer | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|---------------------------|--|
| | This Date | Since Major | | |
| 1/23/80 | Brought Forward → | | 1471.1 | Change oil 8 qt 40 |
| 2/11/80 | | | 1472.0 | Replace all 8 plugs Top ignition wire B. NUT |
| 5-9-80 | T.T. 1479 | Comp | CHK ALL 75/80 OR BETTER - | INSTALL NEW GASKETS. DRAINED CARB & GASCOLE THROTTLE LINKAGE. IN C/W ON LWR. COWLING. |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|---|-----------------|
| <p>new CH48110 filter - T. Moyer A/P554888430 with new REM 40 E & #1 Jack E. Johansen 19844-41</p> <p>ROTATED SPARK PLUGS. INSP. EXHAUST SYSTEM & GEN'L INSPECTION OF ENG. COMPT., PROP & SPINNER. TOR, CLEAN AIR FILTER - INSTALLED KIT 764-009U ON S.B. 679. INSTALLED NEW CARB AIR INTAKE BOOT</p> <p><small>CERTIFY THAT THIS AIRCRAFT HAS BEEN</small> INSPECTED IN ACCORDANCE WITH A Annual <i>annual</i> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. TIME IN SERVICE 1479 DATE <i>May 12 80</i> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060</p> | <p><i>Jack E. Johansen</i></p> <p><i>Jack E. Johansen</i></p> | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|--|----------------------------------|---|-------------------|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 11/30/81 | Tach 1523 | — | | Change oil - 8 qt |
| 6-19-81 | TACH 1543 | CHANGED OIL (FILTER NOT CHANGED) | | |
| | COMPRESSION 75/20 MIN. PLUGS CLEANED/GAPPED. GENL INSPECTION OF ENG. - COMPT, MOUNT & CONTROLS. | | | |
| | REPLACED #2 & #4 INTAKE COUPLING HOSES; ALTERN. RADIO NOISE FILTER; GROMMETS ON CARB HEAT CONTROL SHAFT, INSPECT EXHAUST SYSTEM DRAIN CARB & GASCOLATOR, INSTALLED "ARP" CARB KING DETECTOR PROBE & WIRING | | | |
| | | | I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. | |
| | | | TIME IN SERVICE <u>1543</u> DATE <u>6-19-81</u> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060 | |
| Total To Carry Forward | | | | |

Jack E. Johansen

| and Remarks | Signature | Certificate No. |
|---|--------------------|-----------------|
| 50 + filter, CH48110 | <i>J. Johansen</i> | 69844-41 |
| Tach: 1554 Date: 9-3-81 | | |
| R & R vacuum pump model 27 211 CC. T. Meyer | | 554888/30 |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|---|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 7/13/82 | Tach 1582 | | | oil/FILTER CHANGE. COMPRESSION ALL 70/80+. CLEAN/GAP PLUGS. NEW ALTERNATOR S/N 1080337 INSTALLED + MOUNT BRACKET & MOUNTING KIT #79253. INSPECT EXH. SYSTEM. DRAW CARB. bowl & GASOLATOR. TIME MAGS. DRESS/PAINT PROP. WASH DOWN ENGINE. REPLACED AIR FILTER. |
| <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A _____ INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION.</p> <p>TIME IN SERVICE <u>1582</u> DATE <u>7-13-82</u> JACK E. JOHANSEN A & E MECHANIC INSPECTION AUTHORIZATION 69844-41 MUNICIPAL AIRPORT SANTA CRUZ, CALIF. 95060</p> | | | | |
| Total To Carry Forward | | | | |

Jack E. Johansen

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| 6/24/83 Tach 1614.4 | | |
| Changed Oil, serviced with Aeroshell 50wt. changed Oil Filter, Dress Prop, Paint | | |
| check prop, wash engine. Torin J. Arnett #382050829 | | |
| 8-15-83 Tach: 1615.7 - 100 Hour inspection | | |
| Performed Check Sheet Enclosed. Compression #1 ⁷⁶ / ₈₀ #2 ⁷⁰ / ₈₀ #3 ⁷⁸ / ₈₀ #4 ⁷⁸ / ₈₀ . Oil Changed Shell 50w) Filter Changed. Toring Checked | | |
| Plugs cleaned/Tested all accessories checked | | |
| Engine IS Airworthy | | |

I CERTIFY THAT THE ENGINE IS INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.
 DATED 8-15-83
 J. P. Johnson
 TOTAL TIME 1615.7
 AT 1451856

J.P. Johnson

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|----------|--|-------------|------------------|-------------|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 12-29-86 | TACH 1707 - INSTALLED CUSTOMER SUPPLIED LEFT MAGNETO, SLICK MODEL # 4251R, SERIAL # 6079236 AND TIMED. | | | |
| | REPLACED PRESTOLITE STARTER'S BENDIX DRIVE. | | | |
| | Duke Miller, apt # 118400019 | | | |

THE MAGNETO, DESCRIBED BELOW, HAS BEEN REBUILT AND INSPECTED UNDER AUTHORITY OF MMF 3226 AND FOUND TO BE AIRWORTHY.

MODEL NO. 4251R

SERIAL NO. 6079236

DATE JUL 16 1986

SIGNED Arno M. Harel

REPAIRMAN CERT. NO. 2333731

SLICK AIRCRAFT PRODUCTS
Rockford, IL, U.S.A. 61108

THE MAGNETO, DESCRIBED BELOW, HAS BEEN REBUILT AND INSPECTED UNDER AUTHORITY OF MMF 3226 AND FOUND TO BE AIRWORTHY.

| Date | and Remarks |
|--------|--|
| | MODEL NO. <u>4250R</u> |
| | SERIAL NO. <u>6070030</u> |
| | DATE <u>JUL 10 1986</u> |
| | SIGNED <u>Arno M. Harel</u> |
| | REPAIRMAN CERT. NO. <u>2333731</u> |
| | SLICK AIRCRAFT PRODUCTS Rockford, IL, U.S.A. 61108 |
| | TACH 1707.0 |
| 1/7/87 | Removed & Replaced R mag See TAB S/N 6070030 A/c TEST RUN OK. |
| | <u>Arno M. Harel 199071</u> |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|-------------|------------------|-------------|----|---|---|---|---|---|----|----|----|----|--|--|----|----|----|----|----|----|
| | This Date | Since Major | | | | | | | | | | | | | | | | | | | | |
| Brought Forward | | | | | | | | | | | | | | | | | | | | | | |
| Date <u>3/18/87</u> | Total Aircraft Time <u>1742</u> | | | | | | | | | | | | | | | | | | | | | |
| <p>I certify this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition.</p> <p>Signature <u>[Signature]</u> A & P No. <u>118400017</u></p> | | | | | | | | | | | | | | | | | | | | | | |
| <p>COMPRESSION TEST</p> <table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>78</td> <td>66</td> <td>70</td> <td>78</td> <td></td> <td></td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </table> | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 78 | 66 | 70 | 78 | | | 80 | 80 | 80 | 80 | 80 | 80 |
| 1 | 2 | 3 | 4 | 5 | 6 | | | | | | | | | | | | | | | | | |
| 78 | 66 | 70 | 78 | | | | | | | | | | | | | | | | | | | |
| 80 | 80 | 80 | 80 | 80 | 80 | | | | | | | | | | | | | | | | | |
| Total To Carry Forward | | | | | | | | | | | | | | | | | | | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| <p>9/5/87 Total ENG + A/C Time 1821</p> <p>Compression check ① 71/80 ② 74/80 ③ 74/80 ④ 71/80</p> <p>changed oil + FILTER. serviced all spark plugs.</p> <p>changed all exh GASKETS, changed all Rocker cover GASKETS.</p> <p>Air Filter Replaced, ENG washed controls LUBED.</p> | | |
| <p>Date <u>9/5/87</u> Total Aircraft Time <u>1821</u></p> <p>I certify this <u>ENGINE</u> has been inspected in accordance with an <u>Annual inspection</u> and was determined to be in airworthy condition.</p> <p>Signature <u>[Signature]</u> I.A. No. 126545436</p> <p>MID ISLAND AIR SERVICE, INC.</p> | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|---------------|------------------|--|
| | This Date | Since Major | | |
| 10/6/88 | Brought Forward → | Tach: 1906.12 | | Performed a 100hr inspection IAW a Piper Inspection Report; changed oil; cut open filter - no metal found. serviced with 9qts of Bellray 15W-50 synthetic aircraft oil + a CH48110 oil filter; Compression: #1=71, #3=70, #2=69, #4=72; replaced #1 + #3 intake hoses, P/N: 69603; replaced points, P/N: M-3081 + distributor block, P/N: M-3121 in both R+LH ways, set E-gap + timed the ways to engine; replaced all head pipe gaskets, P/N: 2277611; hole in forward muffler patched + welded; torqued all the head pipe hold down nuts to specs. |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| <div style="display: flex; justify-content: space-between;"> Date Tach W.O. A 100 hr. inspection completed this date. </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <u>10/6/88</u> <u>10/6/88</u> <u>10839</u> All items airworthy </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> San Jose, Calif. <i>[Signature]</i> FAA P 569390161 </div> | | |
| I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE <i>[Signature]</i> | | |
| A <u>ANNUAL</u> INSPECTION COMPLETED DATE <u>10-6-88</u> P/N: <u>1906.2</u> | | |
| PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10839</u> | | |
| PIPER AIRCRAFT CO. APPROVED SERVICE CENTER | | |

and Remarks

Signature

Certificate No.

INTAKE GASKET + RETAINER. REMOVE

ALTERNATOR MOUNT PAD + REINSTALL

RE. REPLACED BROKEN ALTERNATOR

ALTERNATOR BELT

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|---|-------------------|-------------|------------------|-------------|
| | This Date | Since Major | | |
| June 26, 1992 | Brought Forward → | Tach | 2204.03 | |
| Drained oil, Checked oil screen, Changed oil filter, Cut filter open for inspection. Put in 8 qts Aeroshell 15W-50 oil. Installed repaired starter by Elediosystems. | | | | |
| SIGNED: <u>Larry A. Rankin</u> JOHNSON AVIATION, INC. MUNICIPAL AIRPORT P.O. BOX 986 NEWTON, IOWA 50208 FAA APPROVED REPAIR STATION NO. CSMR-992C REPLACED CARBURETOR | | | | |
| July 5, 1992 | | | | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|---|-----------------|
| 11-6-92 TACH 2268 ENGINE TOTAL TIME 2268 COMP TEST #1 78/80 #2 75/80 #3 75/80 #4 76/80. DRAINED OIL, CUT OPEN OIL FILTER, INSPECTED ELEMENT, NO METAL FOUND, FILLED RVC WITH 8 QT PHILLIPS 20W50 X-C OIL, CLEANED, GAPPED, AND TESTED ALL SPARK PLUGS. REMOVED AND REPLACED BRACKET AIR FILTER ELEMENT BA-3. INSPECTED EXHAUST SYSTEM. INSPECTED AND CLEANED FUEL SUMP SCREEN. LUBED ENGINE CONTROLS CHECKED MATH THING. | | |
| HEAT TUBE I certify this Engine Engine has been inspected in accordance with an Annual/100 hr inspection Stanley J. Keim AEP 355520420 | I certify this Aircraft/Engine has been inspected in accordance with an Annual/100 hr inspection [Signature] IA 1987081 A-10 | |

ENGINE LOG

Engine Time

Recorder

Maintenance

Dc

April 12, 1993 Total Time 2280.6 SMOH "0"

Engine major overhaul completed.
 Aluminum parts cleaned and inspected. All steel parts magnafluxed. Replaced camshaft with new AS76097. Lifters replaced with reconditioned crankshaft, cleaned, magnafluxed, dimensionally checked. Polished and complied with S.B.475 and A.D. 91-14-22. Crankshaft gear modified in accordance with S.B.475 and A.D.91-14-22. All rocker arms rebushed, refaced and line reamed. Connecting rods rebushed and alignment checked. Cylinders replaced with Silicon type chrome assys. Installed overhauled carburator S/N CP-1 475, P/N 10-5193. Installed overhauled alternator P/N 4111810, S/N 3021678 & ESI P/N 02317. Installed new magnetos model 4370, S/N 93020288 & Model 4371, S/N 93030469. New ignition harness.
 Maintenance release tags for above work in back of engine log book.

Total
 Carry

NEW PARTS INSTALLED

1 ea. SL61084 Spring Oil Press
 1 ea. SL-STD-2213 Screw
 8 ea. SL60009 Valve Key
 1 ea. SL78529 Oil Pump Housing
 4 ea. MS13998-3 Cap Valve Stem
 1 ea. SL10280 Ball oil press
 8 ea. MSB997-3 Key valve
 8 ea. SL12186 Rod, Bolt, Nut
 8 ea. SL75060 Rod bolt
 8 ea. SL11800 Valve Spring
 4 ea. SL13790 Rocker Shaft
 4 ea. SL11020 Bearing, Main
 1 ea. SL5401-A1 Ring Set
 8 ea. SL11795 Valve spring
 4 ea. SL17541 Valve
 1 ea. SL18109A-S Impeller Kit
 8 ea. SL13521 Bearing
 2 ea. SL 13884 Bearing
 4 ea. SL13444-1 Piston pin

ENGINE LOG

NEW PARTS CONTINUED

4 ea. SL17540 Valve
 1 ea. SL75439-1 MOH Gasket Set
 4 ea. SL75089 Piston
 1 ea. M-4001 Ignition harness

Installed all new hoses from Aeroquip. Engine major overhauled per Textron Lycoming overhaul manual P/N 60294-7, dated 2, 1992. All parts replaced per Lycoming S.B. 240M. Engine test ran and test flown per Lycoming S.I.1472A.

Keith A. P. 188 2081

Total
 Carry forward

and Remarks

Signature

Certificate No.

Nov 30, 1993 TACH 2372.5 HRS
 Engine TOTAL TIME 2372.5 HRS
 SMOH 91.9 HRS

Compression test #1 $\frac{79}{80}$ #2 $\frac{79}{80}$ #3 $\frac{79}{80}$ #4 $\frac{79}{80}$

Changed oil & Filter. Got clean Filter, no metal found. Cleared and galled Plug. Reset was trying to 25. Inspected Exhaust system - Replaced Carb air Probe. Installed new Bracket Air Filter Element.

I certify this Aircraft/Engine has been inspected in accordance with an Annual/100hr inspection and is airworthy.

Keith A. P. 188 2081 IA

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| | | | | Aug 29, 1994 TACH 2524.01 |
| | | | | Changed oil & Filter Cut open filter - no contamination - |
| | | | | <i>[Signature]</i> |
| Total To Carry Forward | | | | |

OVERHAULS

| Work Done By | Certificate No. | Returned to Service | | |
|--------------|-----------------|---------------------|-----------------|--|
| | | By | Certificate No. | Date |
| Nov 28, 1994 | | | | |
| | | | | TACOT & TOTAL TIME 2568.9 |
| | | | | SMOH 288.3 HRS |
| | | | | Checked Compression #1 $\frac{78}{80}$ #2 $\frac{79}{80}$ #3 $\frac{79}{80}$ #4 $\frac{78}{80}$ |
| | | | | Changed oil & Filter - Cut open filter, dead OK. Installed new Air Filter. Clean mufflers and exhaust system. Reordered forward muffler to clear cowling opening. Checked and reset mag timing to 25° Cleaned and regapped plugs. |
| | | | | I certify this Aircraft/Engine has been inspected in accordance with an Annual/100-hr inspection and is Airworthy |
| | | | | <i>[Signature]</i> FAA 1887081 IA |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|--|-------------|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| | | | FEB 20, 1995 TACH 2578.1 | |
| | | | Installed new Aero duct from muffler shroud to heated valve. & from baffling to Fuel Pump cooling shroud. | |
| | | | Keith of AEP 1887081 | |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| Dec 1, 1995 TACH 2632.2 HRS. | | |
| Compression test #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{74}{80}$ #4 $\frac{78}{80}$ changed oil & Filter. Replaced fresh Air duct on left part of Engine. Cleaned and japped Plug - checked mag timing inspected muffler and exhaust system. | | |
| I Certify that Engine has been inspected IAW an Annual check only & Airworthy Keith of AEP 1887081 | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|--|--|-------------|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 4/6/96 | Tach 2676 | Chg oil filter | CH48110 + 8 qts 15W-50 Arshell, wash engine Run up & check AP 483906393 207 | |
| 6-15-96 | 266 | | | |
| 08-15-96 | Tach: 2740: | Replaced starter bendix with new one ops check OK <i>Jubbe</i> AP 483906393 | | |
| 8-15-96 | 2740: | Change oil + filter Service with 8Qt 15W50 shell and 1 CH48110 filter + wash engine Run up leak check OK | | |
| Total To Carry Forward | | | <i>Jubbe</i> AP 483906393 | |

| and Remarks | Signature | Certificate No. |
|--|----------------------|--|
| Compression test 1. ⁷⁸ / ₈₀ 2. ⁷⁵ / ₈₀ 3. ⁷⁶ / ₈₀ 4. ⁷⁶ / ₈₀ change oil + filter. Service with 8 Qts 15W50 shell and 1 CH48110 filter Dress + paint prop Replace all spark plugs with new REM 40E Replace all Rocker gaskets torque engine bolts Wash engine | | |
| | | TSMOH 503.4 |
| | | Date 12-30-96 Tach: 2784. TT 2784.4 |
| | | I certify that this Engine _____ has been inspected in accordance with a 100 HR _____ inspection and was determined to be in airworthy condition. Other details of this inspection are on file at this facility under WO # _____ |
| | Signed: <i>Jubbe</i> | AP 483906393 IA |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| 05-01-97 | Brought Forward → | Tach: 2840: | | Change oil + filter Service with 8 Qt 15W50 and 1 CH48110 filter Run up + leak check OK Wash engine Joliben ATP 483906393 |
| 7/17/97 | | Tach 2893 | | Chg oil & filter CH48110 filter 8 qts 15W-50 Shell wash engine run up ok Neal Finman ATP 478826907 |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|-----------|-----------------|
| 10/29/97 Tach 2947 Chg oil & filter CH48110 filter 8 qts 15W-50 Shell cleaned + gapped spark plugs wash engine + cowling run up ok Neal Finman ATP 478826907 | | |
| 1/9/98 Tach 2960 Engine TT 2960 TSMOT 680 Compression 178 276 374 480 Cleaned and gapped plugs Torque engine Hardware Pressure test Mufflers Dress & paint prop rephed broken bolt in alternator bracket lube all engine controls wash engine run up ok cont → | | |

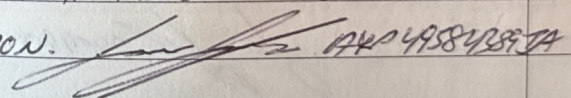
ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|---------------------|-------------|---|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| | | | Date <u>1/9/98</u> Tach <u>2960</u> TT <u>2960</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in an airworthy condition. Signed <u>Ned Turner AP478826907</u> | |
| <u>3/26/98</u> | <u>Tach 2993.59</u> | | | <u>Chg oil & filter serviced with 8qt 15W-50 Shell and CH4B110 filter, wash engine and cooling run up - ok Ned Turner AP478826907</u> |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|--|-----------------|
| <u>7/1/98 Tach 3051 Chg oil and filter CH4B110 filter 8qt 15W-50 Shell wash engine run up ok Ned Turner AP478826907</u> | | |
| <u>1/3/99 Tach 3111.75 SMOH 831.75 TT engine 3111.75 Compression 1)72 2)75 3)72 4)70, cleaned gap plugs, tune engine hardware ok mag timing, replace alt belt P/N XL9335, brush and paint prop, replace front muffler P/N 66894-03</u> | | |
| | Date <u>1/3/99</u> Tach <u>3111.75</u> TT <u>3111.75</u> I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in an airworthy condition. Signed <u>Ned Turner AP478826907-IA</u> | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|---------------------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| 9/9/99 | Brought Forward ^{Tach} | 3225.1 | 5000 945.1 | Replaced oil filter CH48110 and performed compression check for purpose of Prebuy Inspection. No metal found in old filter, washed engine run up to 1000 RPM. Found oil from MP 50466-2929FR |
| 10/8/99 | Tach | 3243.7 | 5000 963.7 | Changed oil and filter ^{CH48110} Aircel 15W50. Run up to 1000 RPM. Found oil from MP 50466-2929FR |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|---|---|-----------------|
| 2/2/00 TACH READS 3298.5 TTS4041S 1018.5. CHG OIL & FILTER CH48110 FILTER & OIL SCREEN FOR METAL, (NONE FOUND). SERVICED WITH 8 QTS OF A/S 15W50. PERFORMED COMPRESSION TESTS ALL CYCLES 74% OR BETTER. CLEANED GAPED & TESTED SPARK PLUGS, INSTALLED ALTERNATOR BRACKET ASSY P/N 764347 IAW SERVICE SPARES LETTER 366A. ENGINE OPS U/C U/C GOOD ON RUN. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. |  | AP 498439JA |

ENGINE LOG
TACH

| Date | Engine Time | | Recorder Reading | Maintenance |
|------------------------|-------------------|-------------|------------------|--|
| | This Date | Since Major | | |
| 2/21/2001 | Brought Forward → | 1071.9 | 3351.9 | CHANGED OIL & FILTER, SERVICED WITH 8qts OF A/S 15W50. CHECKED FILTER & SUCTION SCREEN FOR METAL, (NONE FOUND). PERFORMED COMPRESSION TESTS ALL CYLS 72/80 OR BETTER. CLEANED, GAPPED & TESTED SPARK PLUGS. WASHED ENGINE. LH OPS OK GOOD ON RUN. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>[Signature]</i> AR24984389ZA |
| Total To Carry Forward | | | | |

| and Remarks | Signature | Certificate No. |
|--|-----------|-----------------|
| 7/27/01 TACH 3412.3 CHANGED OIL & FILTER, SERVICED WITH 8qts OF A/S 15W50. CUT FILTER NO METAL FOUND. LH OK GOOD ON RUN. <i>[Signature]</i> AR24984389 | | |
| 02/20/02 TACH 3435.2 SMOK 1155.2 changed oil and filter, cut filter and check screen for metal (none found) took sample. Serviced 8qts A/S 15W50. Performed compression test all cyl tested 70/80 or better. Cleaned, gapped and tested spark plugs. REPAIRED # 1, 2, & 4 valve cover gaskets. LH and ops good on eng run. I certify this eng was insp from a 100hr inspection and was determined to be in airworthy condition. <i>[Signature]</i> AR24602275A | | |

ENGINE LOG

| Date | Engine Time | | Recorder Reading | Maintenance |
|---------|-------------------|-------------|------------------|---|
| | This Date | Since Major | | |
| | Brought Forward → | | | |
| 2-25-03 | | | | C/W Annual inspection; changed oil + filter; inspected old filter element. serviced with A/S 15W50. compressor test; #1-72/80 #2-74/80 #3-74/80 #4-72/80. C/W 500 hr insp of left + right magp. (see 830-3's) all work accomplished |

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA

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

WO# 14076 Tach Time 3613.4
 Eng. SMOH 1332.8 Aircraft Total Time 3613.4
 Prop SMOH 3613.4 Engine Total Time 3613.4

John Atterholt R.S.#ZM3R029M Date: 2-25-03
 Signature John Atterholt

Total To Carry Forward



| and Remarks | Signature | Certificate No. |
|--|----------------------------------|------------------------|
| 5/16/03 HOBBS 2265.5 TACH 3660.0 RAN ENGINE - DRAINED & SERVICED OIL W/ 8 QTS A/S 15W50 CHANGED FILTER. ENGINE RUN UP + LEAK CHECK OK #2708183 | <i>Ken King</i> | |
| 12/20/03 HOBBS 2316.5 / TACH 3705.3 RAN ENGINE - DRAINED & SERVICED OIL W/ 7 QTS. 40W CHANGED FILTER; ENG RUN & LEAK TEST OK | <i>Scott A. Gifford</i> | PRIVATE PILOT #2750184 |
| 3/3/04 372039 TACH DRAINED OIL, INSPECT FILTER - OK, SVCD W/ 7 QTS A/S 100W F 40W 110-A FILTER, CLEANED GAPPS & ROTATE SPARK PLUGS, OK & ADJUST MAG TIMING, Ckd IGNITION WIRING, AD'S Ckd TORQ OF -07 SERVIC ENGINE AND CLEANED & RUN - NO LEAKS | <i>Scott A. Gifford</i> | |
| COMPRESSION TEST #1 72/80 #3 78/80 #5 X #2 76/80 #4 76/80 #6 X | | |
| | Scott A. Gifford IA 527493691 | |

I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

NOTES

ENTER IN NEW LOG BOOK:

11/24/04 RAN ENGINE / DRAINED OIL / CHANGED OIL FILTER
SVC'D W/ 7 QTS $\frac{A}{S}$ 100 WT OIL / RAN ENGINE
CHECKED FOR LEAKS - OK.

Kyle A. Smith #PRIVATE PILOT
2750184

TACH @ OIL CHANGE
3769.40
