

1.09 4.2

**ENGINE LOG**  
**EL-13P**

## INSPECTION & MAINTENANCE RECORD

[illegible]

R.M.AVIATION INC.

05/11/2022 Lycoming 0-320-H2AD S/N: L-1677-76

Tach: 1461.0 TTE: 3730.1 SMOH: 562.1

Compressions #1 74/80, #2 78/80, #3 72/80, #4 78/80 Checked Magneto timing. Inspected all hoses and clamps. Cleaned, Gapped And rotated Sparkplugs. Inspected Exhaust System. Removed oil filter and drained oil. Installed Champion 48103 oil filter and safetied, added 6qts. Aeroshell 15/W50, test ran engine, no Deficiencies Noted at this time. Checked all AD's thru 2022-08. See AD list. I Certify This Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.

Ray Math

\_Roy Matthews

A&P3484919 (IA)

R.M.AVIATION INC.

05/10/2023 Lycoming O-320-H2AD S/N: L-1677-76

Tach: 1474.0 TTE: 3743.1 SMOH: 575.1

Compressions #1 78/80, #2 76/80, #3 75/80, #4 73/80 Checked Magneto timing. Inspected all hoses and clamps. Replaced all 8 spark plugs with new Tempest URHM40E spark plugs. Inspected Exhaust System. Test ran engine, no Deficiencies Noted at this time. Checked all AD's thru 2023-08. See AD list. I Certify This Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.

*R. Marthe*

Roy Matthews

A&P3484919 (IA)

## INSPECTION & MAINTENANCE RECORD

| DATE        | TOTAL TIME          | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|-------------|---------------------|-----------------------------------------------------------------|
| DEC 22 2019 | TACH TIME<br>1390.4 | CARBURETOR REMOVED BY OWNER, SENT TO D&G Supply                 |
|             | 491.5 SM/HR         | SEE Yellow Tag # 24334-1 DATED 11/12/2019. CARBURETOR           |
|             | 3659.1 H/E          | DISASSEMBLED ON ENGINE WITH NEW GASKETS, ADJUST BOLTS           |
|             |                     | TORQUED AND SAFETY WIRED, CONTROL LINKAGES RECONNECTED          |
|             |                     | AND CHECKED FOR FULL RANGE OF MOTION. RUN UP OPS                |
|             |                     | AND FINAL ADJUSTMENT NOT DONE AT THIS TIME.                     |
|             |                     | Paul Nicholls AIP 3384234                                       |

|           |        |                     |             |            |            |
|-----------|--------|---------------------|-------------|------------|------------|
| 5/11/2020 | N103DG | Lycoming O-320-H2AD | Tach 1390.4 | TSMO 491.5 | TTE 3659.1 |
|-----------|--------|---------------------|-------------|------------|------------|

Performed condition inspection per FAR 43 Appendix D checklist. Cleaned, gapped, rotated spark plugs. Mag timing checked at 25 BTC, next 500 hr./ 5yr magneto inspection due at 1390 hrs. Compression checks: 1) 78/80 2) 72/80 3) 78/80 4) 76/80. Exhaust stacks, engine mounts inspected for cracks, no anomalies noted. Air filter inspected. Repairs made to baffling. Oil change completed by owner. AD's researched and complied with as of this date. Run up ops normal, no oil leaks noted, mag drops normal @ 50 & 90, engine idles smoothly @ 590 rpm, mixture cutoff normal. Engine found to be in condition for safe operation.

Paul Nicholls A&P 3384234

P. Nicholls 3384234

5/11/2020

changed oil & FILTER checked oil FILTER ELEMENT  
FOR metal - NEW TOWERS. Aeroshell 68 to 15w-50  
change FILTER CH48103-1 NO concerns Rough F Seals  
member

## INSPECTION & MAINTENANCE RECORD

| DATE      | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10/2/2020 |            | Tach Time 1427.42 TSMO 528.52 Removed starter<br>and installed new Sky-Tec mod. 149NL ser. H-4061214<br>starter - tightened all bolts to spec - tested - ran - test flight<br>no concerns - all good - Randy Seaman owner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|           |            | R.M.AVIATION INC.<br>05/30/2021 Lycoming O-320-H2AD S/N: L-1677-76<br>Tach: 1431.76 TTE: 3700.86 SMOH: 532.86<br>Compressions #1 79/80, #2 78/80, #3 76/80, #4 76/80 Checked<br>Magneto timing. Inspected all hoses and clamps. Cleaned, Gapped<br>And rotated Sparkplugs. Inspected Exhaust System. Removed oil<br>filter and drained oil. Installed Champion 48103-1 oil filter and<br>safetied, added 6qts. Aeroshell 15/W50, test ran engine, no<br>Deficiencies Noted at this time. Checked all AD's thru 2021-10. See<br>AD list. I Certify This Engine Has Been Inspected In Accordance<br>With An Annual Inspection And Was Determined To Be In An<br>Airworthy Condition at this time.<br><br>Roy Matthews<br>A&P3484919 (IA) |

R.M.AVIATION INC.

05/30/2021 Lycoming 0-320-H2AD S/N: L-1677-76

Tach: 1431.76 TTE: 3700.86 SMOH: 532.86

Compressions #1 79/80, #2 78/80, #3 76/80, #4 76/80 Checked Magneto timing. Inspected all hoses and clamps. Cleaned, Gapped And rotated Sparkplugs. Inspected Exhaust System. Removed oil filter and drained oil. Installed Champion 48103-1 oil filter and safetied, added 6qts. Aeroshell 15/W50, test ran engine, no Deficiencies Noted at this time. Checked all AD's thru 2021-10. See AD list. I Certify This Engine Has Been Inspected In Accordance With An Annual Inspection And Was Determined To Be In An Airworthy Condition at this time.

Roy Matthews  
A&P3484919 (IA)

# INSPECTION & MAINTENANCE RECORD

| DATE        | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|-------------|------------|-----------------------------------------------------------------|
| JAN 12 2017 |            | PERFORMED CONDITION INSPECTION LUBED CONTROLS                   |
| TACH TIME   |            | cleaned fuel screen checked timing                              |
| 1305.2      |            | cleaned and tested plugs installed                              |
| 406.4 SMOH  |            | PROPELLER with new spinner checked                              |
|             |            | oil filter cleaned engine tested engine                         |
|             |            | no oil leaks - Returned To service                              |
|             |            | AP33067157A                                                     |



MIDWEST AVIATION SERVICE'S  
730 Lincoln Lake Avenue South East, Lowell, MI 49330  
Phone: 231-578-8883

04-03-2018 NN103DG Avid Magnum S/N: 6M Lycoming O-320-H2AD S/N: L-1677-76 Tach: 1347.17  
TSMOH: 448.37

Performed condition inspection per FAR 43 Appendix D Checklist; Compressions are as followed 1-65/80 2-79/80 3- 72/80 4- 78/80. Removed spark plugs, cleaned, inspected, tested, rotated, and reinstalled. Inspected oil filter for contaminants; none found at tis time. Engine is found to be in airworthy condition at this time.

WOWS 16 Paezel W AP1373727

# INSPECTION & MAINTENANCE RECORD

| DATE         | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|--------------|------------|-----------------------------------------------------------------|
| APRIL 6 2019 | 1388.88    | CLEANED AND INSPECTED ALL PLUGS                                 |
|              | TACH TIME  | CHECKED COMPRESSION ALL $\frac{75}{80}$ OR ABOVE                |
|              | 1368.88    |                                                                 |
|              | 570.0 SMOH | CHANGED OIL USING 6 QTS. AERO SHELL                             |
|              | 470.0      | W15 W50 CHANGED OIL FILTER                                      |
|              |            | CHECKED TIMING, FOUND GOOD @ 25 BTDC                            |
|              |            | CHECKED AIR FILTER ELEMENT, FOUND                               |
|              |            | TO BE CLEAN                                                     |
|              |            | LUBED ALL CONTROLS, NO LEAKS FOUND                              |

I certify that the condition inspection on this aircraft/~~powered parachute~~ and engine was done in accordance with the scope and detail of appendix D of Part 43 using a checklist and service manual and was found to be in airworthy condition.

*Daniel W. Bauman*  
Daniel W. Bauman  
A&P 366468896

# INSPECTION & MAINTENANCE RECORD

| DATE    | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|---------|------------|-----------------------------------------------------------------|
| 8-13-14 | 1185.8     | TACH TIME                                                       |
|         | 287.0      | SMOH                                                            |
|         | 3454.5     | TOTAL TIME                                                      |
|         |            | PERFORMED CONDITION INSPECTION OIL FILTER                       |
|         |            | CUT OPEN AND FOUND CLEAN COMPRESSIONS ALL                       |
|         |            | 74* OR BETTER OIL CHANGED 6 QUARTS OF PHILLIPS                  |
|         |            | 20W50 ADDED NEW AIR FILTER INSTALLED FUEL                       |
|         |            | FILTER CLEANED TIMING CHECKED SPARK PLUGS                       |
|         |            | CLEANED PROP AND SPINNER INSPECTED OPS CHECK                    |
|         |            | FOUND ENGINE AND PROP TO BE IN AIRWORTHY                        |
|         |            | CONDITION IAW A CONDITION INSPECTION ON 8-13-14                 |
|         |            | J. Baum #33067151A                                              |
| 5-27-15 | 1235-15    | TACH TIME                                                       |
|         |            | INSTALLED NEW OIL FILTER CH48103-1                              |
|         |            | ADDED 6 QTS AEROSHELL 15W-50                                    |
|         |            | CUT OPEN OLD FILTER - FOUND NO CONCERNS                         |
|         |            | Randy F. Seamon - owner                                         |

# INSPECTION & MAINTENANCE RECORD

| DATE     | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|----------|------------|-----------------------------------------------------------------|
| 10-21-15 |            | 1207.1 TACH TIME 3681.3 SMOH 3535.8                             |
|          |            | PERFORMED CONDITION INSPECTION T. TIME                          |
|          |            | COMPRESSION TEST #1 78/80 #2 78/80 #3 79/80 #4 79/80            |
|          |            | OIL FILTER CUT OPEN AND FOUND CLEAN                             |
|          |            | NEW SPARK PLUGS INSTALLED NEW ALT. BELT                         |
|          |            | INSTALLED CARBURETOR REMOVED & VALVES TIGHTENED                 |
|          |            | AND REINSTALLED NEW OIL AND FILTER ADDED                        |
|          |            | NEW AIR FILTER INSTALLED WASHED DOWN                            |
|          |            | ENGINE TEST RUN OPS CHECK NORMAL                                |
|          |            | NO LEAKS FOUND FOUND ENGINE TO BE                               |
|          |            | IN AIRWORTHY CONDITION IAW A CONDITION                          |
|          |            | INSPECTION J. Baum #33067151A                                   |

## INSPECTION & MAINTENANCE RECORD

| DATE    | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO. |
|---------|------------|-----------------------------------------------------------------|
| 6-24-13 | 1150.4     | TACH Time                                                       |
|         | 251.6      | SMOH                                                            |
|         | 3419.1     | TOTAL Time                                                      |
|         |            | PERFORMED CONDITION INSPECTION.                                 |
|         |            | Compression #1 78/80 #2 77/80 #3 78/80 #4 77/80                 |
|         |            | NO METAL FOUND IN OIL FILTER CLEANED                            |
|         |            | & TESTED SPARK PLUGS INSTALLED NEW                              |
|         |            | AIR FILTER #BA4102 CLEANED STRAINER AND                         |
|         |            | RESAFETYED CHECKED ENGINE FOR OIL LEAKS                         |
|         |            | REPLACE CYLINDER HEAD TEMP PROBE                                |
|         |            | FOUND ENGINE TO BE IN AIRWORTHY                                 |
|         |            | CONDITION ON 6-24-13                                            |
|         |            | LOGT AEROSHELL 15W50                                            |
|         |            | YR<br>AP 33067151A                                              |

# INSPECTION & MAINTENANCE RECORD

| DATE     | TOTAL TIME                                                                                                                     | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                         |
|----------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4-14-012 | 3346.0 TT                                                                                                                      | CONDITION INSPECTION ON ENGINE                                                                                                                                                                          |
|          | SMOH - 178.6                                                                                                                   | Checked Timing 25° BTDC                                                                                                                                                                                 |
|          |                                                                                                                                | CLEANED & GAPPED SPARK PLUGS (CHECKED) FILTER                                                                                                                                                           |
|          |                                                                                                                                | FOR FOREIGN OBJECTS (OK) STOP DRILLED 1 CRACK                                                                                                                                                           |
|          |                                                                                                                                | IN BAFRING COMPRESSION # 79/80 # 79/80 # 76/80                                                                                                                                                          |
|          | # 4 80/80                                                                                                                      | checked ENGINE FOR LEAKS - SECURITY                                                                                                                                                                     |
|          |                                                                                                                                | checked MOUNT FOR CRACKS - RUBBER MOUNTS WERE FOUND                                                                                                                                                     |
|          |                                                                                                                                | to be good heat box checked - NEW AIR FILTER                                                                                                                                                            |
|          |                                                                                                                                | INSTALLED RUN UP OK FOUND ENGINE TO                                                                                                                                                                     |
|          |                                                                                                                                | BE IN AIRWORTHY CONDITION                                                                                                                                                                               |
|          |                                                                                                                                | L. Bann 330 6715                                                                                                                                                                                        |
| 9-12-12  | <div> <div>TRK TIME</div> <div>1128.12</div> <div>TOTAL TIME</div> <div>3396.99</div> <div>SMOH</div> <div>229.89</div> </div> | Removed OIL & FILTER - INSTALLED NEW FILTER<br>AND SAFETY WIRED, ADDED 2gts oil - TEST RUN &<br>checked FOR LEAKS - ALL OK - INSTALLED COWL<br>RANDY SEAMAN - OWNER<br>9 AREO Shell 15-50<br>CH 48103-1 |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE     | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/3/09   | 841.0      | Tach Time changed oil & filter w/ CH48103-1 & 6 qts aeroshell 15W50 safety wire & V.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 12/19/09 | 889.0      | champion oil filter CH48103-1 <i>Andy Seaman owner</i><br>6 qts aeroshell 15W50 <i>Andy Seaman owner</i>                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8-9-2010 | 898.68     | ENGINE REMOVED FROM AIRPLANE AND OVERHAULED<br><u>TOTAL TIME ENG. 3167.5 HOURS</u> BY PAUL KLINE AT KLINE AVIATION<br>898.68 <i>total time</i> ALSO OVERHAULED WAS THE CARBURETOR AND MAGNETOS ENGINE REINSTALLED RECONNECTED CARB HOAT BOX WITH NEW BRKT AIR FILTER NEW SCAT TUBING - REPAIRED BAFFLING RETIMED MAGNETOS PROPELLER INSTALLED & SAFETIED NEW SPINNER FITTED AND COWLING REPAIRED & REPAINTED TEST RUN "OK" INSPECTED & FOUND AIRWORTHY 6 QTS AEROSHELL STRAIGHT 100W MINERAL OIL ADDED<br><i>J. Bauer ATP #3306715</i> |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE        | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                 |
|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9/5/10      | 911.83     | TACH TIME 911.83 CHANGED OIL FILTER CH48103-1<br>ADDED 6 QTS OIL AEROSHELL 100 MINERAL OIL <i>DAN CARLSON owner</i>                                                                                                                                                                                                                                                                                             |
| Sept 20, 10 | 927.37     | TACH TIME CHANGED OIL 6 QTS AEROSHELL<br>100 MINERAL OIL & FILTER CH48103-1<br><i>Landy Seaman owner</i>                                                                                                                                                                                                                                                                                                        |
| 11/10/10    | 946.99     | TACH TIME CHANGED OIL FILTER CH48103-1<br>CHANGED OIL AEROSHELL 15W50 CUT OLD<br>FILTER OPEN - NO METAL OR <del>SHAVINGS</del> SHAVINGS FOUND<br>TACH TIME 965.8 67.05 MOH <i>Andy Seaman - owner</i>                                                                                                                                                                                                           |
| 4-17-011    |            | CONDITION INSPECTION DONE ON ENGINE<br>OIL SCALATION SCREEN CLEANED CONTROLS LUBED<br>SPINNER HUB STOP DRILLED BAFFLING ADJUSTED<br>COMPRESSION TEST #1 78/80 #2 74/80 #3 77/80<br>#4 78/80 TIMING CHECKED OK - PLUGGED<br>CLEANED - INSPECTED & REINSTALLED TESTED<br>CHANGED AIR FILTER CLEANED INSPECTED<br>COWLING AND REINSTALLED I CERTIFY<br>THIS ENGINE TO BE AIRWORTHY <i>J. Bauer</i><br>ATP #3306715 |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE             | TOTAL TIME                | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| June 3<br>1993   | 2,589 tach<br>TSMOH 1,010 | Engine Removed from wind damaged aircraft                                                                                                                                                                                                                                                                                                                                                                                                              |
| APRIL 20<br>1999 |                           | INSPECTED CRANKSHAFT INTERNAL BORE FOR CORROSION AND<br>PITTING IN ACCORDANCE WITH TEXTRON LYCOMING SERVICE<br>BULLETIN NO. 505B DATED 12,1,97. NO CORROSION OR<br>PITTING WAS DETECTED. INSTALLED NEW EXPANSION PLUG<br>PER LYCOMING OVERHAUL MANUAL, C/W AD 98-02-08 BY<br>ABOVE INSPECTION. NEXT INSPECTION DUE BY 4/2004 OR<br>AT ENGINE OVERHAUL, WHICHEVER OCCURS FIRST. GROUND<br>RAN AND LEAK CHECKED OK. <i>Russell R. Bango</i><br>AP2296175 |
| 1/23/<br>02      | TSMO 1342<br>TACH 332     | REMOVED MAGNETO S/N 11332 AND DISASSEMBLED. COMPLIED<br>WITH BENDIX 500 HOUR INSPECTION. COMPLIED WITH AD 96-12-07<br>(BT/18/96) BY INSPECTION. NEXT DUE BY TACH 832. REINSTALLED<br>MAGNETO AND TIMED TO ENGINE. <i>Russell R. Bango</i> AP2296175                                                                                                                                                                                                    |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE    | TOTAL TIME                                   | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5/1/09  | 780.0 tach<br>1479.5 TSM<br>3058.5 TT<br>eng | Performed a Condition Inspection IAW<br>FAR 43 Appx 'D' Compressor all above 70.<br>Changed oil + filter, serviced w/<br>Shell w/ Cut open filter and found<br>acceptable. Runup/leak check acceptable<br>I certify That This engine has been inspected<br>IAW a Condition Inspection and was<br>determined to be in airworthy condition<br><i>Paul Mills</i> AP3426858531A                                                                          |
| 6/25/09 | 790 tach<br>1489.5 TSM<br>3068.5 TT          | Removed all filters and installed new filters part # LW-16586<br>IAW Lycoming Overhaul Manual C/W AD 98-02-08<br>by means of inspecting the crankshaft internal bore for<br>corrosion and pitting IAW SB # 505B dated 12,197.<br>No corrosion or pitting was detected. C/W Part F<br>of AD 98-02-08 by putting on Urethabond. AD Next<br>date at overhaul. <i>Jason Semur</i> AP3170889<br>Installed new expansion Plug per Lycoming Overhaul Manual |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE                                        | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                        |
|---------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7/18/92                                     | 2372 hr    | Clean, gap & check plugs, Check timing (24°)<br>Repair heat muff, Replace #1 Ex riser.<br>Weld repair #3 Ex riser & Rt end of muffler.<br>Perform wobble test on all Ex valves.<br>Repair #2 & #4 Ex guide (.4995),<br>Larry Perkins<br>A & P #1564208 |
| I CERTIFY THAT THIS <u>Engine</u>           |            |                                                                                                                                                                                                                                                        |
| HAS BEEN INSPECTED IN ACCORDANCE WITH       |            |                                                                                                                                                                                                                                                        |
| A <u>100 hr</u> INSPECTION & WAS DETERMINED |            |                                                                                                                                                                                                                                                        |
| TO BE IN AIRWORTHY CONDITION.               |            |                                                                                                                                                                                                                                                        |
| TOTAL TIME <u>2372</u> DATE <u>7-18-92</u>  |            |                                                                                                                                                                                                                                                        |
| LARRY L. PERKINS                            |            |                                                                                                                                                                                                                                                        |
| A & P #1564208.                             |            |                                                                                                                                                                                                                                                        |
| Larry Perkins                               |            |                                                                                                                                                                                                                                                        |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE                                            | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                               |
|-------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 3-3-93                                          | 2472       | Cleaned cool set plugs, Engine and<br>changed C.W. AD 78-9-7 coupling inspection<br>by inspection C.W. AD 80-04-03 by adding<br>to engine and |
| I certify that this aircraft/engine             |            |                                                                                                                                               |
| was inspected in accordance with                |            |                                                                                                                                               |
| annual inspection and was found                 |            |                                                                                                                                               |
| airworthy. T.T. <u>2472</u> Date <u>3-3-93</u>  |            |                                                                                                                                               |
| Casimir Biebers 12578531A                       |            |                                                                                                                                               |
| Casimir Biebers                                 |            |                                                                                                                                               |
| 5/14/93                                         | 2570:00    | CW AD 87-20-03 By Inspections<br>CW AD 76-07-12 By Functional Check                                                                           |
| I certify that this aircraft/engine             |            |                                                                                                                                               |
| was inspected in accordance with <u>100 hr</u>  |            |                                                                                                                                               |
| annual inspection and was found                 |            |                                                                                                                                               |
| airworthy. T.T. <u>2570</u> Date <u>5/14/93</u> |            |                                                                                                                                               |
| Casimir Biebers 12578531A                       |            |                                                                                                                                               |
| Casimir Biebers                                 |            |                                                                                                                                               |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE            | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                         |
|-----------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-18-80         | Tech       | 1856 hrs Drained oil & changed filter, added 6 qts 15W50 + shell + LW 16702 additive per AD 80-04-03 - San JEB AB547969946-                                                                                                                             |
| 3-6-91          | 2013 Tech  | Run up & check compression 1/79 2/78 3/79 4/79. Clean, gap & check plugs, Check mag timing. Change oil & Filter (Shell 100w + LW 16702). Clean fuel strainer. Replace air filter. Repaired carb heat inlet plenum.                                      |
| TSMOH → 434 hrs |            | I CERTIFY THAT THIS <u>Engine</u><br>HAS BEEN INSPECTED IN ACCORDANCE WITH<br>A <u>Annual</u> INSPECTION & WAS DETERMINED<br>TO BE IN AIRWORTHY CONDITION.<br>TOTAL TIME 2013 hrs DATE 3-6-91<br>LARRY L. PERKINS<br>A & P #1564208<br>Larry Perkins IA |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE         | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                         |
|--------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8-29-91      | Tech       | 2153 Remove propeller, overhauled by Redland propeller & reinstalled on aircraft. Track OK<br>Larry Perkins<br>A & P #1564208                                                                                                                                                                                           |
| 5-3-92       | Tech 2274  | Installed & started new propeller. Run up & check compression 1/76 2/75 3/76 4/75. Clean, gap & check spark plugs. Change oil & Filter (Shell 15W50). Clean fuel strainer & carb. screen. Clean off air filter (OK). Replace #2 Ex riser. CW AD 78-9-7 R3 by inspecting impulse coupling. Set F gap & return to engine. |
| 695 hrs SMOH |            | I CERTIFY THAT THIS <u>Engine</u><br>HAS BEEN INSPECTED IN ACCORDANCE WITH<br>A <u>Annual</u> INSPECTION & WAS DETERMINED<br>TO BE IN AIRWORTHY CONDITION.<br>TOTAL TIME 2274 DATE 5-3-92<br>LARRY L. PERKINS<br>A & P #1564208<br>Larry Perkins IA                                                                     |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------|
| 1-17-90                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | OSMOT      | TACH Time 1579.3 TOTAL Time                                  |
| Engine disassembled for overhaul at this time. All internal steel parts magnafluxed, and non-ferrous parts dye-checked. Crankshaft is new limit standard. Cylinders are new limit Nitride. Case has been live-bored and surfaced by advanced a/c systems in Oregon. Magneto overhauled by Aero Mag in Santa Ana. Carburetor and starter o/h by this overhaul facility. The following new parts were installed at this time. Pistons LW 15357 Rings 74241 & 73857 Main bearings LW 14105 Rod bearings 61662, Rod bolts 78027 & Nuts LW 12186, Crankshaft LW 15511, Lifters 16183, Rod bushings 65819, C/S Plug 1211, Gasket and seal set LW 14815, Valve springs outer LW 11800 inner LW 11795, Keepers 60009 and MS13997-3, Exhaust Guides 74230 and exhaust Valves LW 19001, Hoses LW 15358, Spark plugs RH/M38E and new slick harness. Piston Pins LW 14078 and |            |                                                              |

## INSPECTION &amp; MAINTENANCE RECORD

| DATE    | TOTAL TIME  | INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.                                                                                                                                                                                                             |
|---------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         |             | piston pin plugs LW 11775. Oil pump gears in accordance with A.D. 78-12-08. This engine is considered ready for test run after the magneto is timed and mineral oil added. All A.D.'s c/w and listed in front of book.                                                   |
|         |             | DUNKEL & MCKINZIE AVIATION<br>337 Mojave Blvd.<br>P.O. Box 1610<br>Big Bear City, CA 92314<br>1-714/585-0538                                                                                                                                                             |
|         |             | Robert W. Dunkel<br>A & P 1984257                                                                                                                                                                                                                                        |
| 1-26-90 | TACH 1579.3 | Installed overhauled engine per Cessna Maintenance Manual. Timed Magneto to engine, Added 6 Qt. Aeroshell 100, Installed Overhauled Oil Cooler (See yellow tag.) Installed propeller per Cessna Maintenance Manual. Ground leak check ok. (Austin Hansen ACP# 554599030) |

## INSPECTION & MAINTENANCE RECORD

| DATE            | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                              |
|-----------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OCT 5           | Tach 1303  | hr. Change oil & install oil additive per AD 80-4-3. Dress & paint prop blades.<br><br>Alan L. Buckner<br>A&P H99217                                                                                                                                                                                                         |
| 1988            |            |                                                                                                                                                                                                                                                                                                                              |
| JUNE 10         | Tach 1336  | hr. 100 hour inspection for annual completed. change oil (Shell 50w). Add oil additive to comply with AD 80-4-3. Check exhaust system, mag timing, accessories, mount, prop & spinner. Clean fuel screens & check oil screen. Leak Test: 1 = 76/80    2 = 76/80    3 = 76/80    4 = 74/80<br>No AD notes apply at this time. |
| Total Time      | 1336 hr.   | I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION,                                                                                                                                                                                        |
| Total Time prop | 1336 hr.   |                                                                                                                                                                                                                                                                                                                              |
| June 10         | 1988       | Alan L. Buckner IA/H99217                                                                                                                                                                                                                                                                                                    |

## INSPECTION & MAINTENANCE RECORD

| DATE      | TOTAL TIME | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                                                                               |
|-----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9-5-88    | 1365       | change oil add oil additive Per AD 80-4-3                                                                                                                                                                                                                                                                                                                                                                                     |
| 11-10-88  | 1397       | change oil add oil additive Per AD 80-4-3                                                                                                                                                                                                                                                                                                                                                                                     |
| 2-25-89   | 1427       | change oil oil additive Per AD 80-4-3                                                                                                                                                                                                                                                                                                                                                                                         |
| 16 Dec 89 | Tach 1577  | <p>Change Run up &amp; check compression.<br/>           1/74 2/75 3/76 4/76 - Clean, gap &amp; check spark plugs<br/>           Replace on spark plug - Reset timing (25°)<br/>           Change oil &amp; clean screen. C/W AD 80-4-3<br/>           by using Shell 15W50 multigrad w/TCP.<br/>           Replace air filter with Brockitt air filter. Clean<br/>           Fuel strain screen &amp; carb.inger screen.</p> |
|           |            | <p>I CERTIFY THAT THIS <u>Engine</u><br/>           HAS BEEN INSPECTED IN ACCORDANCE WITH<br/>           A <u>Annual</u> INSPECTION &amp; WAS DETERMINED<br/>           TO BE IN AIRWORTHY CONDITION.</p>                                                                                                                                                                                                                     |
|           |            | <p>TOTAL TIME <u>1577</u> DATE <u>16 Dec 89</u></p>                                                                                                                                                                                                                                                                                                                                                                           |
|           |            | <p>LARRY L. PERKINS<br/>           A &amp; P #1564208.<br/>           Larry Perkins IA</p>                                                                                                                                                                                                                                                                                                                                    |

1987

## INSPECTION &amp; MAINTENANCE RECORD

| DATE   | TOTAL TIME          | INSPECTION OR MAINTENANCE PERFORMED<br>AGENCY & CERTIFICATE NO.                                                                                                                                                                                                                                                                                                           |
|--------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| May 6  | Tach 1280           | hr. 100 hour inspection For annual completed in accordance with Cessna Service Manual. Change oil & check oil & Fuel screens. Install oil additive to comply with AD 80-4-3 Remove cover & check mag points & timing. Replace 5 cowl lord mounts. Inspect muffler mount, propeller & spinner. Comply with AD 86-24-07 by installing bolt, castle nut in Throttle control. |
|        | Total Time 1280 hr. |                                                                                                                                                                                                                                                                                                                                                                           |
| Prop   | " " 1280 hr.        |                                                                                                                                                                                                                                                                                                                                                                           |
| May 6  | 1987                |                                                                                                                                                                                                                                                                                                                                                                           |
| May 21 | Tach 1287           | hr. Overhaul alternator & check volt regulator                                                                                                                                                                                                                                                                                                                            |
|        |                     | Alan L. Buckner<br>A&P 1499217                                                                                                                                                                                                                                                                                                                                            |

I CERTIFY THAT THIS engine HAS BEEN  
INSPECTED IN ACCORDANCE WITH A annual  
INSPECTION AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION.

Alan L. Buckner IA 1499217

# ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL O-320-H1AD

SERIAL NUMBER L-1677-76 DATE OF MANUFACTURE \_\_\_\_\_

RATED BHP 150/160 RPM 2600/2700 MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE 100-130

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET & NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

740M-7058

Cessna<sup>®</sup>



# ENGINE

## AND PROPELLER LOG

N 734DH SERIAL NO. L-1677-76

## ENGINE LOG

| DATE<br>1986 | DURATION | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                  | SIGNATURE                                                                                                                                           | LICENSE<br>NUMBER |
|--------------|----------|---------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|              |          | HOURS                     | 10THS |                                                                                                                                                                                                                                                          |                                                                                                                                                     |                   |
| May 1        | Tach     | 1155                      | hr.   | 100 hr. inspection for annual completed. Change oil (Shell 50W) & ck oil screen. Install oil additive. Hu 16702. Clean & gap all spark plugs & check mag timing & all accessories. Dress & paint prop blades. Leak Test 1=70/80 2=75/80 3=76/80 4=77/80. |                                                                                                                                                     |                   |
|              |          |                           |       | Total time 1155 hr.<br>May 1 1986                                                                                                                                                                                                                        | I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. |                   |
|              |          |                           |       |                                                                                                                                                                                                                                                          | Alan L. Buckner<br>LA 1499217                                                                                                                       |                   |
| Aug 1        | Tach     | 1229                      |       | Install mag overhauled by Savage Magneto.                                                                                                                                                                                                                | Alan L. Buckner<br>ATP 1499217                                                                                                                      |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE<br>1985 | DURATION | ACCUMULATED<br>TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                      | SIGNATURE | LICENSE<br>NUMBER |
|--------------|----------|---------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
|              |          | HOURS                     | IO THS |                                                                                                                                                                                                                                                                                                                                                                                              |           |                   |
| 4-15-85      | TACH     | 1111.0                    | HR     | (HOBBS 273.0 HRS) 100 HR INSP COMPLETED THIS DATE. CHANGED OIL & INSP OIL SCREEN. ENGINE SERVICED WITH 6 QTS AEROSHELL 100W & 6 OZ OF LYC OIL ADDITIVE. P/W LW 16702 COMPRESSION TESTED ENG #1 71/80 #2 70/80 #3 70/80 #4 70/80 INSTALLED NEW SET OF RHM385 SPK PLUGS. CHECKED TIMING. INSP INDUCTION & EXHAUST SYSTEM. DRESSED PROP BLADES, TESTED IGNITION WAXES WASHED ENG & GRD CHECKED. |           |                   |
|              |          |                           |        | I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <del>100/HR</del> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.                                                                                                                                                                                                                                               |           |                   |
|              |          |                           |        | DATED 4-15-85 TOTAL TIME 1111.0 HR                                                                                                                                                                                                                                                                                                                                                           |           |                   |
|              |          |                           |        | 1800931                                                                                                                                                                                                                                                                                                                                                                                      |           |                   |
|              |          |                           |        | NICHOLAS VITALE (INSPECTION AUTHORIZATION)                                                                                                                                                                                                                                                                                                                                                   |           |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE<br>1985 | DURATION | ACCUMULATED<br>TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                     | SIGNATURE       | LICENSE<br>NUMBER |
|--------------|----------|---------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|
|              |          | HOURS                     | IO THS |                                                                                                                             |                 |                   |
| May 5        | Tach     | 1120                      | hrs    | Install overhauled starter Ser # 5030095. Overhaul alternator & repair engine baffel.                                       | Alan L. Buckner | A+P 1499217       |
| June 23      | Tach     | 1142                      | hr     | 50 hr inspection completed. Change oil & add oil additive per AD note. Dress & paint propeller.                             | alan L. Buckner | A+P 1499217       |
| Oct 1        | Tach     | 1197                      | hr     | 50 hr. inspection completed change oil (Shell 50W) & add oil additive per AD note. Lubr Throttle control & dress propeller. | Alan L. Buckner | A+P 1499217       |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | ACCUMULATED | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SIGNATURE | LICENSE NUMBER |
|------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
| 19   |             | <p>This aircraft was inspected in accordance with the inspections and procedures approved under F.A.R. 91.169 and was determined to be airworthy. Details of work performed on file at this agency.</p> <p>T.T.A. <u>959.6</u> T.T.E. <u>959.6</u> TYPE INSP. <u>100 hr</u> DATE <u>9 Mar 84</u></p> <p>AEP 561 86 8344 Name <u>Robert K Lee</u></p> <p>Engine inspection. Changed oil, cleaned screen. compression 74,72,70&amp;72/80. Replaced air filter. Cleaned fuel screens and sumps. Replaced 6 cowling lord mounts. Installed new filter to carb duct hose. Cleaned gaped tested and rotated plugs. AD's c/w or inspected. Dressed prop and spot painted. Ground run no leaks found. A/C is OK for return to service.</p> |           |                |

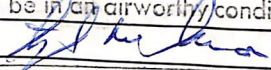
FLEETWING AVIATION  
1550 SKY WAY DR.  
BAKERSFIELD CA. 93308  
(805) 392-8781

## ENGINE LOG

| DATE   | DURATION                | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                           | SIGNATURE | LICENSE NUMBER |
|--------|-------------------------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|        |                         | HOURS                  | 10THS |                                                                                                                                                                                                                                                                                                   |           |                |
| 19     |                         |                        |       |                                                                                                                                                                                                                                                                                                   |           |                |
| 3-9-84 |                         | 959.6                  |       | <p>This Engine was inspected in accordance with a Annual inspection was determined to be in a Airworthy condition</p> <p>Matthew Hayes I.A. 527376</p>                                                                                                                                            |           |                |
| 5-9-84 | Hobbs 1008 <sup>2</sup> |                        |       | <p>50 HR Inspection Completed</p> <p>T.A.W. Checklist, Changed Oil</p> <p>&amp; checked SCREEN AEROSHALL 50wt</p> <p>CLEAN Air filter, Spark plugs, Dress</p> <p>&amp; PAINT prop. CLEANED ENGINE &amp;</p> <p>RUN Checked OK for RETURN to SERVICE.</p> <p>JEFF ZWEIFLE</p> <p>A/P 553297418</p> |           |                |

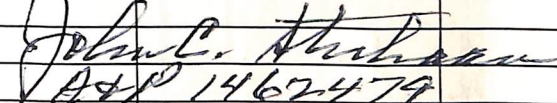
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                               | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|      |          | HOURS                  | IOths |                                                                                                                                       |           |                |
| 19   |          |                        |       |                                                                                                                                       |           |                |
|      |          |                        |       | Change oil & Clean Screen Add 5 Oils Microshock SOLW<br>BAC Corp 81 74 82 78 83 76 84 72                                              |           |                |
|      |          |                        |       | Date 8-4-82 Tach Time 947.0                                                                                                           |           |                |
|      |          |                        |       | Total Time 947.0                                                                                                                      |           |                |
|      |          |                        |       | I certify that this (Aircraft Engine) has been inspected according to annual inspection and is found to be in an airworthy condition. |           |                |
|      |          |                        |       |                                                     |           |                |
|      |          |                        |       | STEPHEN W. STEWART                                                                                                                    |           |                |
|      |          |                        |       | AI 2129169                                                                                                                            |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE  | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                            | SIGNATURE                                                                           | LICENSE NUMBER |
|-------|----------|------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|       |          | HOURS                  | IOths |                                                                                                                                                                                                                    |                                                                                     |                |
| 19 82 |          |                        |       |                                                                                                                                                                                                                    |                                                                                     |                |
| 11-8  |          | 950                    | -     | Removed and disassembled carburetor because engine rough and would not accelerate. Cleaned out carb., checked all screens, assembled and run. Engine operator normal. Replaced all exhaust gaskets with no change. |                                                                                     |                |
|       |          |                        |       |                                                                                                                                                                                                                    |  |                |
|       |          |                        |       |                                                                                                                                                                                                                    | ATP 1462479                                                                         |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE              | DURATION              | ACCUMULATED TOTAL TIME |          | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                  | SIGNATURE | LICENSE NUMBER |
|-------------------|-----------------------|------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|                   |                       | HOURS                  | IO THS   |                                                                                                                                                                                                                                          |           |                |
| 19 August 7, 1981 |                       |                        |          | Changed oil Cleaned screen, Filled with 50 weight AD Aeroshell oil. Compression #1 73/80 #2 75/80 #3 76/80 #4 73/80. All applicable AP's through 51-15 C/W. Aircraft Ground Check & Test flown found satisfactory for Return to Service. |           |                |
| DATE 8-7-81       | TACH 921.1            | TIT 921.1              | TSOH N/A | I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.                                                                                         |           |                |
| CLYDE A. SMITH    | <i>Clyde A. Smith</i> | A & P # 571408816      | F.A.     |                                                                                                                                                                                                                                          |           |                |

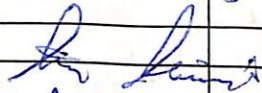
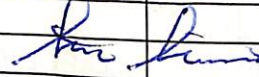
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE          | DURATION | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                    | SIGNATURE | LICENSE NUMBER |
|---------------|----------|------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|               |          | HOURS                  | IO THS |                                                                                                                                                                                                                                                                                                            |           |                |
| 19 82 7/28/82 |          |                        |        | Complied with AD 82-11-05 By changing Distributor Block GEAR i/P/W S.B. 461. (A & SO CHANGED CONTACT ASSEMBLIES).                                                                                                                                                                                          |           |                |
|               |          |                        |        | This Aircraft, Engine, or Component, Identified Above Has Been Repaired and/or Inspected in Accordance With Current Federal Aviation Administration Regulations and Is Approved For Return To Service. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS STATION UNDER WORK ORDER NO. 00428 DATE 7/28/82 |           |                |
|               |          |                        |        | SIGNED <i>B. Plummer</i>                                                                                                                                                                                                                                                                                   |           |                |
|               |          |                        |        | LYCON REBUILDING CO. REPAIR STATION<br>VISALIA, CALIF. 404-46                                                                                                                                                                                                                                              |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

| DATE     | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                    | SIGNATURE                                                                                         | LICENSE NUMBER |
|----------|----------|------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------|
|          |          | HOURS                  | 10THS |                                                                                                                                                            |                                                                                                   |                |
| 05-23-80 |          | 814                    | 2     | C/W Lyncoring Service Bulletin #447 Replace Upper Valve Spring Seats LW-16833 Kits C/W A.D. 79-10-03 Torque Mounting Bolts to 360 Inch Pounds              | <br>AP 2129169 |                |
| 6-17-80  |          | 825                    | 0     | Comply with Lyncoring Service Bulletin #435 And A.D. 80-04-03 Install Hyd Lifter LW16586 Change oil Add 8 qts Aeroshell 50 w Add 1 pt LW16702 oil Additive | <br>AP 2129169 |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

| DATE                                                                    | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                     | SIGNATURE  | LICENSE NUMBER |             |
|-------------------------------------------------------------------------|----------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|-------------|
|                                                                         |          | HOURS                  | IOths |                                                                                                                                                                                                             |            |                |             |
| 7-15-80                                                                 |          | 861                    | 0     | A.D. 80-14-07 Previously C/w By Lyndon<br>S.B. # 447 Date 5-23-80                                                                                                                                           |            |                |             |
|                                                                         |          |                        |       | In Rem.<br>APG129169                                                                                                                                                                                        |            |                |             |
| 7-24-80.                                                                |          |                        |       | Changed oil Cleaned screens Compressions<br>#1 74/80 #2 72/80 #3 76/80 #4 75/80. all<br>applicable AD'S through 80-14 C/W. aircraft<br>test run & test flown & found satisfactory<br>for return to service. |            |                |             |
| DATE                                                                    | 7-24-80  | TACH                   | 870.1 | T/I                                                                                                                                                                                                         | 870.1      | T/SOH          | N/A         |
| I CERTIFY THIS <del>REC'D</del> ENGINE HAS BEEN INSPECTED IN ACCORDANCE |          |                        |       |                                                                                                                                                                                                             |            |                |             |
| WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY   |          |                        |       |                                                                                                                                                                                                             |            |                |             |
| CONDITION.                                                              |          |                        |       |                                                                                                                                                                                                             |            |                |             |
| CLYDE A. SMITH                                                          |          | <u>Clydea Smith</u>    |       |                                                                                                                                                                                                             | 'A' & P. # | 571408616      | <u>F.A.</u> |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE                                                                     | DURATION | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                          | SIGNATURE | LICENSE<br>NUMBER |
|--------------------------------------------------------------------------|----------|---------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
|                                                                          |          | HOURS                     | IOths |                                                                                                                                                                                  |           |                   |
| 19<br>JUL 09 1979                                                        |          |                           |       | Changed oil & cleaned screen. Compression<br>#1 74/80 #2 77/80 #3 72/80 #4 78/80<br>Cleaned air filter. Filled with 50 weight Aeroshell<br>AD oil. Installed 8 new RHM 38E Plugs |           |                   |
| DATE <u>7-9-79</u> TACH <u>698.3</u> TIT <u>698.3</u> TSOH <u>N/A</u>    |          |                           |       |                                                                                                                                                                                  |           |                   |
| I CERTIFY THIS <del>ENGINE</del> ENGINE HAS BEEN INSPECTED IN ACCORDANCE |          |                           |       |                                                                                                                                                                                  |           |                   |
| WITH A <u>100</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY       |          |                           |       |                                                                                                                                                                                  |           |                   |
| CONDITION.                                                               |          |                           |       |                                                                                                                                                                                  |           |                   |
| CLYDE A. SMITH <u>Clyde A. Smith</u> A & P # 571408816                   |          |                           |       |                                                                                                                                                                                  |           |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| DATE                                                                     | DURATION | ACCUMULATED<br>TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                                                                                                                                                                            | SIGNATURE | LICENSE<br>NUMBER |
|--------------------------------------------------------------------------|----------|---------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
|                                                                          |          | HOURS                     | IOths |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
| 19<br>FEB 19 1980                                                        |          |                           |       | Changed oil Cleaned Screen & Compression<br>#1 78/80 #2 76/80 #3 73/80 #4 75/80. Installed<br>plugs at 3 & 9 o'clock in magneto which were missing<br>Inspected per Bendix mag service Bulletin. Installed<br>new oil cooler to replace defective one. Filled<br>with 50W. A.D. Aeroshell oil. All applicable AD's through<br>79-03 C/W. Installed new oil cooler. |           |                   |
| DATE <u>2-19-80</u> TACH <u>773.6</u> TIT <u>773.6</u> TSOH <u>N/A</u>   |          |                           |       |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
| I CERTIFY THIS <del>ENGINE</del> ENGINE HAS BEEN INSPECTED IN ACCORDANCE |          |                           |       |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
| WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY    |          |                           |       |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
| CONDITION.                                                               |          |                           |       |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |
| CLYDE A. SMITH <u>Clyde A. Smith</u> A & P # 571408816 F.A.              |          |                           |       |                                                                                                                                                                                                                                                                                                                                                                    |           |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

# ENGINE LOG

| DATE     |     | DURATION | ACCUMULATED TOTAL TIME |       | ENGINE LOG                                                                                                                                                  |  | SIGNATURE | LICENSE NUMBER |
|----------|-----|----------|------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|----------------|
| 19       |     |          | HOURS                  | IOths | REPAIRS --- ADJUSTMENTS                                                                                                                                     |  |           |                |
| 04-12-78 | 424 | 3        |                        |       | Complied with Lycoming Service Bulletin No 423<br>SE 78-21 Operation No 2 Replace Oil Pump Gears                                                            |  |           |                |
|          |     |          | OAS                    | OK.   |                                                                                                                                                             |  |           |                |
|          |     |          |                        |       | The Owner<br>ANP 2129169                                                                                                                                    |  |           |                |
|          |     |          |                        |       | Serviced Air Filter. Change Oil & Clean Oil screen. Installed new spark plugs. Complied with AD Note 77-17-07. Timed mags to engine. Washed engine          |  |           |                |
|          |     |          |                        |       | "I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION." TACH. READS 493.7 |  |           |                |
|          |     |          |                        |       | TOTAL TIME 493.7                                                                                                                                            |  |           |                |
|          |     |          |                        |       | DATE 7/12/78 A & P # 549768863                                                                                                                              |  |           |                |
|          |     |          |                        |       | NAME [Signature]                                                                                                                                            |  |           |                |
|          |     |          |                        |       | AD Note 77-17-07 was complied with by Johnston Aircraft of Tulsa                                                                                            |  |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

## ENGINE LOG

| DATE    |      | DURATION |        | ACCUMULATED<br>TOTAL TIME |  | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                               | SIGNATURE | LICENSE<br>NUMBER |
|---------|------|----------|--------|---------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------|
|         |      | HOURS    | IO THS |                           |  |                                                                                                                                                                                                                       |           |                   |
| 19      | 78   |          |        |                           |  |                                                                                                                                                                                                                       |           |                   |
| 10 OCT  | Tach | SS       | 4.8    |                           |  | Cessna Service Letters 77-30, Rocker arm STUD Replacement,<br>AND 78-21, Tappet Replacement accomplished Lewis Phillips                                                                                               |           | 199854336         |
| 1-23-79 | Tach | 594.0    |        |                           |  | Compression #1 79/80 #2 79/80 #3 79/80 #4 78/80<br>I certify that this aircraft engine has been inspected in<br>accordance to 100HR inspection and is in airworth<br>condition & Removed RT exhaust stack for repair. |           |                   |
|         | T.T. |          |        |                           |  |                                                                                                                                                                                                                       |           |                   |
|         |      |          |        |                           |  | Jerry Walgren AEP 558922496                                                                                                                                                                                           |           |                   |
| 1-25-79 | Tach | 594.0    |        |                           |  | Installed RT Rear exhaust stack & performed runup & RTS<br>Flight Jerry Walgren AEP 558922496                                                                                                                         |           |                   |
|         | T.T. | 594.0    |        |                           |  |                                                                                                                                                                                                                       |           |                   |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| ENGINE LOG |          |  |                        |        |                                                                                                                                        |           |                |
|------------|----------|--|------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
| DATE       | DURATION |  | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                                | SIGNATURE | LICENSE NUMBER |
|            |          |  | HOURS                  | IO THS |                                                                                                                                        |           |                |
| 19         |          |  |                        |        |                                                                                                                                        |           |                |
|            |          |  |                        |        | Date <u>10-14-77</u> Tech Time <u>308.0</u>                                                                                            |           |                |
|            |          |  |                        |        | Total Time <u>308.0</u>                                                                                                                |           |                |
|            |          |  |                        |        | I certify that this (Aircraft-Engine) has been inspected according to 100 hr. inspection and is found to be in an airworthy condition. |           |                |
|            |          |  |                        |        | <u>Kenneth D. Hochleum</u>                                                                                                             |           |                |
|            |          |  |                        |        | AIP 547725704                                                                                                                          |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| ENGINE LOG |          |  |                        |        |                                                                                                                                       |           |                |
|------------|----------|--|------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
| DATE       | DURATION |  | ACCUMULATED TOTAL TIME |        | REPAIRS --- ADJUSTMENTS                                                                                                               | SIGNATURE | LICENSE NUMBER |
|            |          |  | HOURS                  | IO THS |                                                                                                                                       |           |                |
| 19         |          |  |                        |        |                                                                                                                                       |           |                |
|            |          |  |                        |        | 11-22-77 351 0 Change oil Add 5 qts Aeroshell #40                                                                                     |           |                |
|            |          |  |                        |        | C/W AD 77-17-07 & Service Bulletin 587 Part I & II Solidia Condenser                                                                  |           |                |
|            |          |  |                        |        | Flags, Inspect of Com Follows.                                                                                                        |           |                |
|            |          |  |                        |        | <u>Ken Kern</u> AIP 3109169                                                                                                           |           |                |
|            |          |  |                        |        | ALL Comp <u>78</u> or Above Change oil ADD 7 qts Aeroshell #50                                                                        |           |                |
|            |          |  |                        |        | Date <u>03-08-78</u> Tech Time <u>394.0</u>                                                                                           |           |                |
|            |          |  |                        |        | Total Time <u>394.0</u>                                                                                                               |           |                |
|            |          |  |                        |        | I certify that this (Aircraft-Engine) has been inspected according to annual inspection and is found to be in an airworthy condition. |           |                |
|            |          |  |                        |        | <u>Stephen W. Stewart</u>                                                                                                             |           |                |
|            |          |  |                        |        | AIP 2129189                                                                                                                           |           |                |

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| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                                              | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|      |          | HOURS                  | 10THS |                                                                                                                                                                                                                      |           |                |
| 19   |          |                        |       | Diff Cool ALL Cyls <sup>25</sup> / <sub>80</sub> or Above                                                                                                                                                            |           |                |
|      |          |                        |       | Date <u>05-13-77</u> Tach Time <u>94.0</u>                                                                                                                                                                           |           |                |
|      |          |                        |       | Total Time <u>94.0</u>                                                                                                                                                                                               |           |                |
|      |          |                        |       | I certify that this (Aircraft Engine) has been inspected according to 100 hr. inspection and is found to be in an airworthy condition.                                                                               |           |                |
|      |          |                        |       | <u>Stephen W. Stewart</u>                                                                                                                                                                                            |           |                |
|      |          |                        |       | STEPHEN W. STEWART<br>A & P 2129169                                                                                                                                                                                  |           |                |
|      |          |                        |       | July 5, 1977 Tach Time 100 Hrs -<br>Change Oil & gts Chamon Aero oil 50/100<br>Clean Set Spk Plugs - Service Screens, Battery<br>Wash Hyd Brake fluid, Wash Engine & Compartments.<br>Inspected by Insp. for Safety. |           |                |
|      |          |                        |       | <u>Sam H. Meyer</u>                                                                                                                                                                                                  |           |                |
|      |          |                        |       | A & P 1381859                                                                                                                                                                                                        |           |                |

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

| DATE | DURATION | ACCUMULATED TOTAL TIME |       | REPAIRS --- ADJUSTMENTS                                                                                                                                                                             | SIGNATURE | LICENSE NUMBER |
|------|----------|------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------|
|      |          | HOURS                  | 10THS |                                                                                                                                                                                                     |           |                |
| 19   |          |                        |       | August 5, 1977 Tach Time 200 Hrs.<br>Change Oil & gts Chamon Aero 50/100.<br>Service Screens, Clean & Set Spk Plugs.<br>Compression Test 78/80 on all Cyls.<br>Wash Engine & Compartments.          |           |                |
|      |          |                        |       | <u>Sam H. Meyer</u>                                                                                                                                                                                 |           |                |
|      |          |                        |       | A & P 1381859                                                                                                                                                                                       |           |                |
|      |          |                        |       | Sept. 15, 1977 Tach Time 207 Hrs.<br>Change Oil & gts Aero Chamon 50/100<br>Service Screens, Clean & Set Spk Plugs.<br>Service Hyd Brake fluid, Battery maintenance.<br>Wash Engine & Compartments. |           |                |
|      |          |                        |       | <u>Sam H. Meyer</u>                                                                                                                                                                                 |           |                |
|      |          |                        |       | A & P 1381859                                                                                                                                                                                       |           |                |

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