N734MK



The Standard

ENGINE LOG

ASA-SE-2

Notes

N734MK Lycoming O-320-H2AD Serial No. RL-6231-76T



West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063 10/1/2011 Tach: 3487 TSOH: 1071

## Engine Entry

Completed a **Annual Inspection** of the engine using the Cessna 172 100 hour MM checklist as a guide. Drained oil and serviced with 6 quarts Aeroshell 15W50. Complied with **AD80-04-03R2** by replacing oil filter p/n CH48103-1, cut open old filter and inspected, no excessive contaminates found, next due Tach 3537. Checked compressions: 1) 70/80 2) 72/80 3) 72/80 4) 72/80. Replaced 1 spark plug p/n RHM38E and reinstalled plugs with new gaskets p/n M674 and torqued. Inspected engine controls. Inspected intake and exhaust risers. Inspected fuel and oil lines. Performed engine run-up, leak, power and indication check, all parameters appear normal. This engine is airworthy.

Jan lan

Kevin R. Pinger A&P 3236526 IA

Reg. No. N734MK Lycoming O-320-H2AD Serial No. RL-6231-76T



West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063 11/25/2011 Tach: 3536 TSOH: 1120

## Engine Entry:

Completed the **50 Hour Inspection** of the engine using the Cessna 172 maintenance manual 50 hour checklist as a guide. Inspected engine controls, alternator and bracket, induction system, & muffler. Inspected induction air filter, okay. Complied with **AD 80-04-03R2** by servicing the engine with 6 quarts Aeroshell 15W50 and replacing oil filter p/n CH48103-1, cut open and inspected old filter, no excessive contaminates found, next due in 50 hours. Performed engine run up, magneto, leak, power, and indication check, okay.

Kevin R. Pinger A&P/IA 3236526

lons 1/28/2012 rof TACH: 3587 West Valley Aircraft Services, LLC. N734MK YEAR Embarcadero Rd. Hangar B, Palo Alto, CA 94303 ies. Lycoming O-320-H2AD TTA: 3587 20 Serial No. RL-6231-76T Tel. (650) 565-0063 TSOH: 1171 DATE Engine Entry Completed a 100 Hour Inspection of the engine using the Cessna 172 maintenance manual 100 hour checklist as a guide. Complied with AD80-04-03R2 by servicing the engine with 6 quarts of Aeroshell 15W50 and CH48103-1 filter, cut open the old filter, no excessive contaminates found, NID Tach 3637. Inspected the engine controls, muffler, intake and exhaust. Inspected the motor mount. Inspected the induction air filter and alternate air box. Performed an engine run up, leaks, indication and magneto check, good. This aircraft is returned to service. Kevin R. Pinger A&P 3236526 IA 3/7/2012 Reg. No. N734MK Tach: 3644 West Valley Aircraft Services, LLC. Lycoming O-320-H2AD Embarcadero Rd. Hangar B, Palo Alto, CA 94303 TSOH: 1228 Serial No. RL-6231-76T Tel. (650) 565-0063 Engine Entry: Completed the 50 Hour Inspection of the engine using the Cessna 172 maintenance manual 50 hour checklist as a guide. Inspected engine controls, alternator and bracket, induction system, & muffler. Inspected induction air filter, okay. Complied with AD 80-04-03R2 by servicing the engine with 6 quarts Aeroshell 15W50 and replacing oil filter p/n CH48103-1, cut open and inspected old filter, no excessive contaminates found, next due in 50 hours. Performed engine run up, magneto, leak, power, and indication check, okay. Kevin R. Pinger A&P/IA 3236526

| YEAR       | N734MK Lycoming O-320-H2AD West Valley Aircraft Services, LLC.  | 4/21/2012<br>TACH: 2697  | tio  |
|------------|---|--|------|
| 20<br>Date | Serial No. RL-6231-76T  Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063   | TACH: 3687<br>TTA: 3687<br>TSOH: 1271  | er o |
|            | Completed a 100 Hour Inspection of the engine using the Cessna 172 MM 100 hour checklist as a guide.  AD80-04-03R2 by servicing the engine with 6 quarts of Aeroshell 15W50 & CH48103-1 filter, cut open to excessive contaminates found, NID Tach 3637. Removed the carburetor. Installed new throttle shaft bushin & new throttle shaft P/N CF13-1521 IAW the precision MM. Cleaned the carburetor screen. Inspected the Replaced the muffler assembly with a spare serviceable unit. Removed the schroud & checked the muffler found. Removed & cleaned the lower plugs. Installed & torqued the plugs with new M674 gaskets. Inspectation filter and alternate air box. Performed an engine run up. Adjusted the idle faster. No leaks were found. It carb heat drop is good. This Engine is returned to service. | he old filter, no<br>ngs P/N 60-260<br>engine controls.<br>no cracks were<br>ted the induction |      |
|            | Kevin R. Pinger A   | &P 3236526 LA  |      |
|            | Reg. No. N734MK Lycoming O-320-H2AD Serial No. RL-6231-76T West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063  | 5/25/2012<br>Tach: 3740.8<br>TSOH: 1324.8  |      |
|            | Engine Entry:   | 1.50.1   |      |
|            | Completed the <b>50 Hour Inspection</b> of the engine using the Cessna 172 maintenance machecklist as a guide. Inspected engine controls, alternator and bracket, induction system. Inspected induction air filter, okay. Complied with <b>AD 80-04-03R2</b> by servicing the engine controls.  | ine with 6   |      |
|            | quarts Aeroshell 15W50 and replacing oil filter p/n CH48103-1, cut open and hispected   | old litter, no   |      |
|            | and indication check, okay. This engine is returned to service.  Kevin R. Pinger  | A&P/IA 3236526   |      |
|            |   |  |      |

Lycoming O-320-H2AD YEAR Serial No. RL-6231-76T 20 DATE

N734MK



West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063

TACH: 3787

TTA: 3787

ons

of

TSOH: 1371

Engine Entry

Completed a 100 Hour Inspection of the engine using the Cessna 172 maintenance manual 100 hour checklist as a guide. Complied with AD80-04-03R2 by servicing the engine with 6 quarts of Aeroshell 15W50 and CH48103-1 filter, cut open the old filter, no excessive contaminates found, NID Tach 3837. Inspected the engine controls, muffler, intake and exhaust pipes. Inspected the motor mount. Inspected the induction air filter and alternate air box. Replaced alternator brushes with new p/n ES4118. Performed an engine run up to check for leaks, indication and magneto check good. This engine is returned to service.

Kevin R. Pinger A&P 3236526 IA

Reg. No. N734MK Lycoming O-320-H2AD Serial No. RL-6231-76T



West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303

8/14/2012 Tach: 3839.3

TSOH: 1423.3

## Engine Entry:

Completed the 50 Hour Inspection of the engine using the Cessna 172 maintenance manual 50 hour checklist as a guide. Inspected engine controls, alternator and bracket, induction system, & muffler. Inspected induction air filter, okay. Complied with AD 80-04-03R2 by servicing the engine with 6 quarts Aeroshell 15W50 and replacing oil filter p/n CH48103-1, cut open and inspected old filter, no excessive contaminates found, next due in 50 hours. Performed engine run up, magneto, leak, power, and indication check, okay.

Carrie L. Ferguson A&P/IA 2806332

| YEAR<br>20<br>DATE | N734MK Lycoming O-320-H2AD Serial No. RL- 6231-76T  Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063  | 10/12/2012<br>TACH: 3887<br>TTA: 3887<br>TSOH: 1471            | ntions per of ntries.) |
|--------------------|--|--|------------------------|
|                    | Completed a <b>Annual Inspection</b> of the engine using the Cessna 172 maintenance many checklist as a guide. Complied with <b>AD80-04-03R2</b> by servicing the engine with 6 qual 15W50 and CH48103-1 filter, cut open the old filter, no abnormal contaminates found, 3937. Inspected the engine controls, muffler, intake and exhaust pipes. Inspected the magnetod the induction air filter and alternate air box. Performed engine run up to check indication and magneto check good. I certify this engine has been inspected in accordance and Inspection and found it to be in an airworthy condition. This engine is returned | rts of Aeroshell NID Tach otor mount. k for leaks, nce with an |                        |
|                    | Kevin R. Pinger  | A&P 3236526 I.A  |                        |
|                    | Reg. No. N734MK Lycoming O-320-H2AD Serial No. RL-6231-76T  West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Tel. (650) 565-0063  | 10/22/2012<br>Tach: 3898<br>TSOH: 1482                         |                        |
|                    | Replaced top spark plugs with new p/n RHB32E (qty 4) and lower spark plugs with ser with new gaskets p/n M674 and torqued. Performed run up, indication, magneto, and open check, all parameters appear normal.  | viceable same<br>perational                                    |                        |
|                    | Kevin R. Pinger  | · A&P/IA 3236526   |                        |
|                    |  |  |                        |
|                    |  |  |                        |
|                    |  |  |                        |
|                    |  |  |                        |

West Valley Aircraft Services, LLC. Embarcadero Rd. Hangar B, Palo Alto, CA 94303 Reg. No. N734MK Tach: 3937 Lycoming O-320-H2AD TSOH: 1521 YEAR Serial No. RL-6231-76T TTA: 3937 20 DATE Engine Entry: Completed the 50 Hour Inspection of the engine using the Cessna 172 maintenance manual 50 hour checklist as a guide. Inspected engine controls, alternator and bracket, induction system, and muffler. Inspected induction air filter, okay. Complied with AD 80-04-03R2 by servicing the engine with 6 quarts Aeroshell 15W50 and replacing oil filter p/n CH48103-1, cut open and inspected old filter, no abnormal contaminates found, next due in 50 hours. Performed engine run up, magneto, leak, power, and indication check, okay. Carrie L. Ferguson A&P/IA 2806332 11/15/2013 N734MK West Valley Aircraft Services, LLC. TACH: 3957.3 Lycoming O-320-H2AD Embarcadero Rd. Hangar B, Palo Alto, CA 94303 TTA: 3957.3 Serial No. RL-6231-761 TSOH: 1541.3 Engine Entry Completed a Annual Inspection of the engine using the Cessna 172 maintenance manual 100 hour checklist as a guide. Compressions: all 70+/80. Complied with AD80-04-03R2 by servicing the engine with 6 quarts of Aeroshell 15W50 and CH48103-1 filter, cut open the old filter, no abnormal contaminates found. NID Tach 4007. Inspected the engine controls, muffler, intake and exhaust pipes. Checked the magneto to engine timing. Inspected the alternator and starter. Inspected the motor mounts. Inspected the induction air filter and alternate air box. Performed engine run-up, power, indication, and leak check, all parameters normal. I certify this engine has been inspected in accordance with an Annual Inspection and found it to be in airworthy condition. This engine is returned to service. Carrie L. Ferguson A&P/LA 2806332

1/4/2013

| YEAR<br>20<br>DATE | TA TII | N734MK<br>Lycoming O-320-<br>Serial No. RL - 62<br>Engine Entry  | H2AD<br>31-76T   | West Valley Aircraft Services, Inc.<br>Embarcadero Rd. Hangar B, Palo Alto, CA 94303<br>Tel. (650) 565-0063  | 5/23/2016<br>TACH: 3957 3<br>ITA: 3957 3<br>TSOH: 1541 3  |
|--------------------|--------|--|--|--|---|
|                    |        | Removed #2 cylnew gasket set. with 6 quarts of contaminates for inspected, no collispected, no collispected, with new gasket | Compression Aeroshell 15 und, nexts in ontaminates, s 2555-14 s/n 1 t, set the mag | etion of the engine using the Cessna 172 maintenance oped the cylinders, checked the cam lobes and checked fit and replaced rings with new SL3601-SC, installed its: all 70+/80. Complied with AD80-04-03R2 by services 5W50 and CH48103-1 filter, cut open the old filter, not aspection due in 50 Hours ( <i>Tach 4007</i> ), removed the secured with new gasket. Replaced magneto with over 16111 Aero Accessories CRS#XB2R286L WO# 33232 aneto to engine timing, and torqued. Replaced the alterest, muffler, intake and exhaust pipes. | d lifters on #2 & #4. d the cylinder with icing the engine abnormal ump screen and chauled TCM D4LN- 3. Installed magneto |
|                    |        | engine has been  | inspected in   | ower, indication, and leak check, all parameters normal accordance with an <b>Annual Inspection</b> and found it turned to service.  Kevin R. F.   |   |
| 6-23-              | 7016   | TACH 3   | 971.3  | TEDUCIENOT ROBEN LEFT MAS E<br>RUSS · CLEANED. REPAIRED #<br>LEAD. POST RUN CHECK NORM<br>TO SERVICE. Shall GARL   | 2 LOWER KIN   |

| YEA         | N734MK   | TOTAL Descr   | UORKS dha  | Name, Rating an  | 06/17/2017<br>Tach/TTA: 3981.2   |
|-------------|--|---|--|--|--|
| 20 _<br>DAT | Lycoming O320-H2AD<br>Serial No. RL-623176T  | Embarcadero Rd. H. Tel. (650) 565-0063  | angar B, Palo Alto, CA 94.   | 303  | TSO: 1541.3  |
|             | Engine Entry:  |   |  |  |  |
|             | Performed Annual Inspecting guide Compressions: 1) 72 and servicing the engine with the oil filter, no abnormal country and set valve tappet clearant covers Checked torque or spark plugs with new p/n RF found I test flew this aircontraction.  | 16 quarts Aeroshell 15 ntaminates found, recurses Replaced the #1 & all fluid lines and fitting 18323E Performed eaft, all parameters normal field. | w50, Lycoming additive<br>es every 50 Hours, (next in<br>the #3 intake gaskets and values Checked the magne<br>engine run-up, power, income.   | , and CH48103-1<br>inspection due Ta<br>alve cover gasket<br>eto to engine timi<br>dication and leak | oil filter, inspected sch 4031.2) Checked its Torqued all valve ing Replaced all check, no leaks |
|             | airworthy condition.   | 1/1/  |  | Kevin R. I   | Pinger A&P 3236526 IA  |
|             |  |   |  |  |  |
|             |  |   | - The state of the | 11/1/10  | A There is a Direct  |
|             |  | CALL SEE LAND   |  |  |  |
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| AR                | - 1                                   | RECORDING<br>TACH<br>TIME  | TODAY'S<br>FLIGHT   | TOTAL<br>TIME IN<br>SERVICE                                      | <b>Description of Inspections, Tests,</b><br>Entries must be endorsed with Name, Rati<br>Technician or Repair Facility. (See back pa   | ing and Certificate Number of                           |
|-------------------|---------------------------------------|--|---|--|--|---|
| 1                 | -                                     | MK<br>ning O-320-H2.<br>No. RL- 6231-                            |   |  | arcadero Rd. Hangar One, Palo Alto, CA 94303<br>565-0063   | 6/2/2018<br>TACH: 4005.5<br>TTA: 4005.5<br>TSO: 1589.5  |
|                   | Engin                                 | ne Entry   |   |  |  | 150. 1367.3   |
| _ (<br>_ 1<br>_ ] | the ma                                | due Tach 405 agneto to engoted the induced should all            | 55.5). Inspection air for the comments of the | pected the enging. Inspected the filter and alterest pormal. Let | no abnormal contaminates found, recurs evigine controls, muffler, intake and exhaust he the alternator and starter. Inspected the mot mate air box. Performed engine run-up, powertify this engine has been inspected in accordance airworthy condition. This engine is returned | tor mounts. wer, indication, cordance with an           |
|                   |                                       |  | 1   | 1  | Kevin R. Pin   | nger A&P 3236526 IA                                     |
| L                 | N734M<br>Lycomi<br>Serial N           | MK<br>ing O-320-H2.<br>No. RL- 6231-                             | AD<br>76T 19  | Ol Embarcadero   | Tel. (650) 565-0063  | 5/25/2019<br>TACH: 4018.3<br>TTA: 4018.3<br>TSO: 1602.3 |
| E                 | Engin                                 | e Entry  |   |  |  |   |
| - C e h           | Complexery 5 neaders notor indication | lied with <b>AD</b> 50 Hours (next) rs. Checked the mounts. Insp | he magne<br>bected the<br>check, a<br>Annual  | eto to engine<br>e induction ai                                  | ling the engine with 6 quarts of Aeroshell Inspected the engine controls, muffler, intactiming. Inspected the alternator and starte ir filter and alternate air box. Performed ensinormal. I certify this engine has been instand found it to be in airworthy condition.         | er. Inspected the engine run-up, power, spected in      |

| Y 2 | N734MK<br>Lycoming O-320-H2AD<br>Serial No. RL- 6231-76T 1901 E   | mbarcadero Rd. Executive Hangar One, Palo Alto, CA 94303 Tel. (650) 565-0063   | Tach: 4028 = Number of ecific entries.) TSO: 16t2                       |
|-----|---|--|---|
| -   | Engine Entry  |  |   |
|     | magneto to engine timing. Inspected the engine to engine timing. Inspected the motor mounts. Performed en | by servicing the engine with 6 quarts of Aeroshell 15 angine controls, muffler, intake and exhaust headers. Controls the alternator and starter. Replaced the alternator agine run-up, power, indication, and leak check, all paperted in accordance with an <b>Annual Inspection</b> and its returned to service. | r belt. Inspected arameters normal.                                     |
|     | Male  | Kevin R. Pinge   | er A&P 3236526 IA   |
|     | N734MK<br>Lycoming O-320-H2AD<br>Serial No. RL- 6231-76T  | PERO WORKS dealer 1901 Embarcadero Rd. Executive Hangar One, Palo Alto, CA 94 Tel. (650) 565-0063  | 7/25/2021<br>Tach: 4031<br>TTA: 4031<br>TSO: 1615                       |
|     | Engine Entry  |  |   |
|     | Inspected the alternator Inspected the motor more certify this engine has be                              | 4-03R2 by servicing the engine with 6 quarts of Aeros I found. Checked the engine controls, muffler, intake and starter. Cleaned the carburetor finger screen & flunts. Performed engine run-up, power, indication, and een inspected in accordance with an Annual Inspection is engine is returned to service.    | and exhaust headers.  ushed the carburetor bowl d leak check, all OK. I |
|     | /3/   | Kevir  | n R. Pinger A&P 3236526 IA  |

V

|                             | 14/2022                                    |                       |           |  |                    |  |   |   |   |   |  |   |  |   | 7/1/2022           | YEAR<br>20 2 2<br>DATE   |
|-----------------------------|--|-----------------------|-----------|--|--------------------|--|---|---|---|---|--|---|--|---|--------------------|--|
|                             | 4078-9                                     |                       |           |  |                    |  |   |   |   |   |  |   |  |   | 7/1/2022 4041.3    | RECORDING<br>TACH<br>TIME  |
| 076                         | Repl                                       |                       |           |  | #3                 | 8 NO   | P 750   | chea  | Vimi  | clean                                       | NOW  | 1. e. u   |  |   |                    | TODAY'S<br>FLIGHT  |
| PING 10-821414-4            | aced r                                     | Own wor               | I. A.W. A | 12   | 12/80 #            | H-W0125  | cheer com   | Ked Ex  | Sto Ens   | ed ga                                       | val lav  | · A-7.8   | Mainten  |   | 1628.3             | TOTAL<br>TIME IN<br>SERVICE  |
| 4-4 Notice of the page 12-4 | Replaced Magnets ignition harness with new | ammorting equalition. | Am & may  | Cortify was This Engine has been insperted | 中国12/80 中国12/80 ). | RINDH-WOIZSUCLUCION COMPression (#() 1/80 #(2) 180 | 4 RUCHER COMEN GARIGOTS. Replaced Stander PINO 149-111. | Checked Exhaust Engren. Olay Replaced all inhalce | Timing to Engrine. Orang. cleaned fuel of the Press. leak | sped & Tested & Pank Plugs, cheered Nagmelo | NO Wolf Lound. Added 1 Pint of Campound to Engine. | 1. E. W. A.D. 80-04-03R2 Wis peched & Replaced oil & War. | Maintenance Monwal changed oil 6 040 shell 15/50 | Annual inspection completed 1. A.W. cass no | - Annual wspection | <b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |

| YEAR 20 DATE | Description of Mane, Rating and Certificate Number of Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)  Changed oil -6.W A.D. 80-04-03Rz. Replaced with 15/60  OIL 1-C.W A.D. 80-04-03Rz. Replaced wide tion our loak charced. Ottog. Replaced wide tion our loak charced. | TODAY'S TOTAL TIME IN SERVICE  1696.3  1.1696.3 | RECORDING FACH TIME  109.3 | YEAR 20 23 DATE  1/17/23 |
|--------------|---|---|----------------------------|--------------------------|