N34038

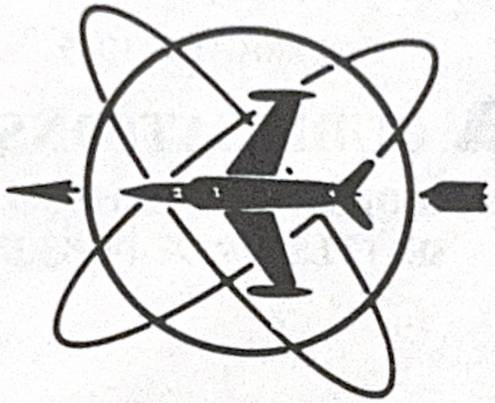
2

*The Standard*

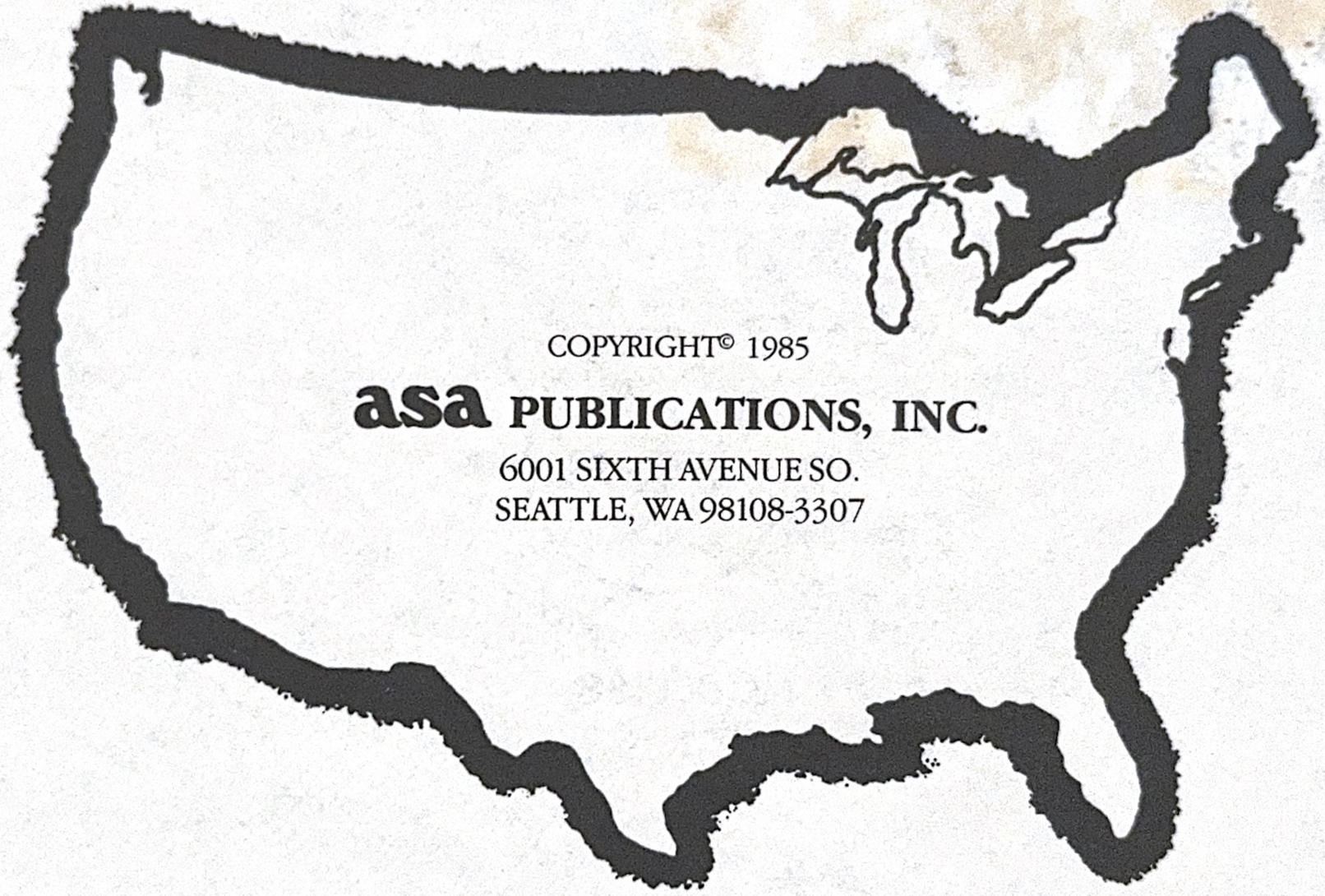
# ENGINE LOG

ASA-SE-1





MODEL SE—1



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6001 SIXTH AVENUE SO.
SEATTLE, WA 98108-3307

## ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL O-360-A1F6

SERIAL L-15590-36A TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT ~~N3043S~~ N34038

MINIMUM OCTANE FUEL OIL GRADE SUMMER WINTER

MAGNETO TIME POINT SETTING FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT HOURS.

*The Standard*

# ENGINE LOG

## REGISTERED OWNER RECORD

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NAME _____ ADDRESS _____

CITY _____ STATE _____ FROM _____ TO _____

NOTES

| DATE 1987 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 4-16 | 3537.9 | | 3537.9 | changed oil And Filter - 20W50 PhILLIPS XC - cLeAned oiL screen INSTALLed #3 RockeR GASKet cLeAned PLUGS - checKed compRessIon (1) 74/80 (2) 75/80 (3) 78/80 (4) 76/80 cLeAned enGine tested ICM LeAdS |
| | | | | DATE 4-16-87 T.T. IN SERVICE 3537.9 I CERTIFY THAT THIS engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION Gilbert Green A&P 2142743 |

| DATE 1987 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 5-18 | | | 3562 | Changed oil 20w50 Phillips Gilbert Green A&P 2142743 |
| 7-7-87 | | | 3591 | changed oil 20w50 Phillips Gilbert Green A&P 2142743 |
| 8-31 | 87 | | 3623 | changed oil 20w50 Phillips Gilbert Green A&P 2142743 |
| 10-23 | 87 | | 3646 | changed oil 20w50 Phillips Gilbert Green A&P 2142743 |

| DATE 1987 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 12-8 | 3667 | | | changed oil Phillips 20w50 |
| | | | | Removed STARTER |
| | | | | Cleaned And Lubed Bendix |
| | | | | with SPRAY Silicone Lube |
| | | | | Gilbert Jones A&P 2142743 |
| 3-31-88 | HACH | 3688 | | changed oil - Phillips 20W50 |
| | | | | Gilbert Jones A&P 2142743 |

| DATE 19 88 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 5-10 | 3702 | | | Cleaned engine - cleaned plugs - checked compression (1) 74/80 (2) 74/80 (3) 76/80 (4) 76/80 changed oil phillips 20w50 cleaned oil screen |
| | | | | DATE 5-10-88 T.T. IN SERVICE 3702 I CERTIFY THAT THIS eng HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIP WORTHY CONDITION Gilbert Green IA 2142743 |

| DATE 1988 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 6-21 | 3724 | | | Changed oil Phillips 20w50<br>Gilbert Green a&p 2142743 |
| 7-26-88 | TACH | | 3740 | Repaired Alternator Field wire<br>installed #1 and 3 exhaust<br>gaskets<br>Gilbert Green a&p 2142743 |
| 9-6-88 | TACH | | 3756 | changed oil 20w50 Phillips 5<br>Gilbert Green a&p 2142743 |

| DATE 1988 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 11-1 | 3775 | | | Change oil 20w50 Phillips |
| | | | | Lubed Universal P.O. 7142743 |
| Note 12-14-88 | Tach 3796 | | | Trailer ailer refilled with Phillips 20w50 |
| Motorcraft AP 3093853 | | | | |

DATE 1-25-89 TACH. 3814.6
DRAINED OIL AND REFILLED WITH 7 QTS. OF Phillips & Motorcraft AP 3093853

DATE 5-25-89 TACH. 3934
DRAINED OIL AND REFILLED WITH 7 QTS. OF Phillips 15w50
Installed new induction air filter, starter drive and alternator belt Motorcraft AP 3093853

DATE 7-27-89 TACH. 3880.58
DRAINED OIL AND REFILLED WITH 7 QTS. OF
Phillips 20w50 Motorcraft AP 3093853

| DATE 1989 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 5/31 | 3862.57 | | | Performed Annual inspection, Repaired Carb heat box, cleaned plugs, Changed oil & cleaned filter Repaired muffler, Removed left mag to C/W AD 78-09-07 Compression #1 - 72/80 #2 - 74/80 #3 - 74/80 #4 - 70/80 Installed new ignition Harness, filled with 8 QTS of ~~Phillips 66~~ Phillips 50 ——— Jack R. Olds A&P 31148516 |
| 6/1/89 | Tach | 3862.72 | | I certify that this engine has been inspected I/A/W an annual inspection and was determined to be in an Airworthy Condition Jack R Olds 31148516 IA |

DATE 9-7-89 TACH. 3900 DRAINED OIL AND REFILLED WITH 7 QTS. OF Phillips 20w50 Aeroshell 100 Plus 30 A&P 30938583

DATE 10-4-89 TACH. 3905 DRAINED OIL AND REFILLED WITH 7 QTS. OF Phillips 20w50 Mobil 1 Jones A&P 30938583 Checked Screen

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| Date 6-23-90 | Tach | 3929.5 | Performed AD 90-04-06 by inspection all | |
| parts attached. Line & clamp fittings must be replaced whenever | | | | |
| removed as per AD Martin Jensen Hose 2043535B3 | | | | |
| Aug 6, 1990 | | Tach | 3931.20 | Changed oil, cleaned screen cleaned & gapped spark |
| plugs. checked Mag Timing. I inspected all systems | | | | |
| and controls. I Certify that this engine | | | | |
| has been inspected in accordance with an | | | | |
| Annual Inspection and was determined to | | | | |
| be airworthy. All ADs complied with. | | | | |
| Stuart Lyndel | | | | |
| A+P 1624489 IA | | | | |

MODEL #: O-360-A1F6 S.N.: L-15590 N34038
DATE: 02-15-91 TACH: 3938 SMOH: 0

On this date removed and overhauled engine. Engine completely disassembled and all parts cleaned. All parts alum. dye checked. All steel parts magnafluxed; crank, rods, gears, etc. Miced all parts from dimensional inspection. Installed the following new parts: rod bolts, nuts, rod and main bearings, complete lifter assy., yellow tag camshaft, see tag back of this log. Installed oil pump assy., all gear shafts, checked rod for allignment. Replaced intake and exhaust valves. installed new pistons, rings, piston pins, buttons. Replaced rocker shafts. Installed all new hardware, seals, safety clips, hoses, etc. Filled engine with 8 qts. of AeroShell non. det. oil. Must use this for first 100 hours of operation. Ran engine and all systems checked normal. Test flew for 1 hour, all systems checked normal. All work done in accordance with Lyc. overhaul manual. All AD's and service bulletins complied with at this time.

AP 2013409

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 2-15-91 | Tach | 3938 | | |
| | | | | Total Time SMOH 3938 |
| | | | | Tachometer 3938 I certify that this (aircraft) (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. |
| | | | | Dated 2-15-91 W.O. No. 6169 |
| | | | | Signed A&P 2013486 |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 4/18/91 | TACH | | 3967 | Change oil + clean screen. |
| Add 7 Qts | Shell | | 50 W/D. | Repair + Relief gap pad |
| adapter. | Remove | prop + gov | for | overhaul + |
| reinstall. | Test | E&T | Probe | O.K., Install |
| new Rabbs | meter | + | press | switch. Flush |
| eng. and run + | Leak | Check. | JKidder | A&P 574242625 |
| 9/27/91 - | Tach | 4016 | Oil | replaced with 7 Qts. Pkelly 66-20 W 50 |
| | Replaced | Carb | to | Heat hose + oil cooler hose. Rayjay gov. A&P 511220275 |
| 11/11/91 | TACH | 4029 | | Install new oil filter |
| adapter | CH 48110 | washers, | | and run + leak check. |
| | | JKidder | A&P | 574242625 |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 11/25/91 | Tach 4035 | | | Install D/H oil cooler, gnd run & leak check OK. J Kidder A&P 574742625 |
| 12/27/91 | Tach 4050 | | | Install new ZIICC VAC pump & control air filter. J Kidder A&P 574242625 IA |
| 1/20/92 | Tach 4055 | | | Changed oil & filter (Archer 20W50) Ray Zweygardt 511220295 |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 3/4/92 | TACH 4076 | TOTAL 4076 | TSMOH 139 | |
| Comp/20 | 1=74 | 2=74 | 3=76 4=76 Clean, gap test & note plugs. Clean leads, Remove left mag. insp impulse & check timing. Oil & filter. Add 8 Qts Brakes Oil. Insp exhaust & heat muff. Remove carb, repl throttle shaft & bushings. Install new needle & seat. Install new Rem 38 E plugs. Prep & paint prop. Insp & prime & asm. Check all engine controls. C/W Cessna Service Bulletin #SE92-4A, FACET (METAL FLOAT) & SE92-6A BENDIX (IMPULSE COUPLING) AD 78-09-05 R5. Replace air filter element. Check all air, oil & fuel lines for leaks & security. Visual Engine — cont→ | |

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 2nd Sun | | | | Log check OK, ADs checked |
| thru 92-04 | | | | listed this date in A/C log. |
| | | | | I certify that this A/C Eng. has been inspected in accordance with annual/100 HR inspection and was determined to be in airworthy condition. Date 3/4/92 |
| | | | | Total Time 4026 Tach Time 4026 |
| | | | | Butterfly Aviation Inc., Goodland, Ks. |
| | | | | J Kilder A+P 574241625 IA |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 6/3/93 | TACH | 4120 | TOTAL 4120 | Jan 04 183 |
| Com #80 1=22=23=24=74 | | | | Reweld fitting. Add 8 Qts Aeroshell. |
| Repair exhaust & insp of sys. Check eng controls. Repair | | | | air filter clr. Insp spinner & assy. Drain fuel prop Replace |
| closeout mount. Insp plugs. Check mag timing. Check all | | | | cylinders Rod Bushings. Check eng. and mag & leak check O.K. |
| AD's Checked Thru 93-09 | | | | Listed Airdate in A/C logs. |

I certify that this AC/Eng. has been inspected in accordance with annual/100 HR inspection and was determined to be in airworthy condition. Date 6/3/93

Total Time 4120 Tach Time 4120

[illegible] Aviation Inc, Goodland, Ks.

[illegible] #2 5742625 IA

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 6/24/94 | TACH 4138 | | TOTAL 4138 | Comp 1/80 |
| 1-76 2-78 3-79 4-78 Clean cyl tops + solo plugs. Chan Oil. | | | | |
| Remove L+R mags + insp as per AD 94-01-03 + AD 94-06-09. | | | | |
| Retime to engine. Insp exh sys + heat muff. Replace air filter | | | | |
| element, insp prop + spinner + blades. Check all engine controls. | | | | |
| Check all air + fuel lines + gas leaks + security. Check oil | | | | |
| + filter. Add 6 Qts Oil. 50. Replace EGT probe. Check | | | | |
| Eng. and prop + Cockpit placards. Checked three 94-14 | | | | |
| Litt Ethindate on A/C logs. | | | | |

I certify that this AC/Eng. has been inspected in accordance with annual/100 HR inspection and was determined to be in airworthy condition. Date 6/24/94

Total Time 4138 Tach Time 4138

Butterfly Aviation Inc., Goodland, Ks.

Mechanic A+P 5742626 IA

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 6/27 | 105 | Tach 4149 | Total 4149 | Smoh 211 |
| Comp 1&2 1=75 2=77 3=75 4=77 Rep plugs + clean heads. Rock mag timing. Lube seat cable + install new drive end. Clean + Rig alt. Add 8 qts Shell 15W50. Clean tighten engine mounts. Set gap + probe. Install Hastelloy exhaust. Check oil pressure. Control cables. Rep prop + tach cable. Check all wiring + hoses for leaks + security. Lock wire, and seal | | | |
| Check Tach 4149.5 | | | |
| Check Eng Log Book entries. | | | |

I certify that this A/C/Eng. has been inspected in accordance with annual/100 HR inspection and was determined to be in airworthy condition. Date 6/27/05 A&P 5712426

Total Time 4149 Tach Time 4149

Butterfly Aviation Inc., Goodland, Ks.

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 2/17/96 | Tach 4183 | | Total 4187 1=70 2=72 3=70 4=72 Comp/80 |
| | | | Clean gap test + rotate plugs. Clean leads. Spare dist block + gear in left mag. Retime to engine. Check + fill. Add 8 qts Roll 16 W50. Replace O-rings on engine fuel pump, pump-to-case + fuel muff pump air filter + tighten intake clamps. Tighten rocker arms. Check all engine controls. Work engine and prop sys. Leak check. A Dsc'ed thru 90-12 by Ted Theisdale |
| | | | — end — |
| | | | per AD logs. |
| | | | Jay Kibbel A+P 57424260 STT |

I certify that this A/C/Eng. has been inspected in accordance with annual/100 HR inspection and was determined to be in airworthy condition. Date 2/19/96

Total Time 4187 Tach Time 4183

Butterfly Aviation Inc., Goodland, Ks.

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 8/1/97 | TACH 4201 | | TOTAL 4201 | TSMOH 363 |
| Clean, gap, test + rotate plugs. Clean Cabs. Check mag timing. Insp exhaust. Check all engine controls. Check all air + fluid lines for leaks + security. Change oil + filter. Odd & Ends Scroll 15 W50. Tighten intake clamps + rocker covers. Lube engine controls + check OK. ADs checked thru 97-15 Listed Rec'd + in A/C logs. | | | | |
| | | | | I certify that this ~~A/C/Eng.~~ has been inspected in accordance with ~~annual~~/100 HR inspection and was determined to be in airworthy condition. Date 8/1/97 |
| | | | | Total Time 4201 Tach Time 4201 J. Killer A+P 5702426254 |
| | | | | Kansas Aviation Inc., Goodland, Ks. |

| DATE 19 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| Aug/98 | 1=75 2=78 3=75 4=76 | | | Ck mag timing - adj Rt mag to 25 BTC |
| Chg Oil + filter, Insp filter, Shell 15W50, Clean, gap, test + Rotate plugs | | | | |
| Insp + Clean leads, Ck intake hoses + clamps, Insp air filter, Insp heat muff | | | | |
| and Ex System, Install new Alt mount Brackets + Thru Bolt, Insp/clean | | | | |
| fuel pump Screen + Gascolator, Lube Eng Controls, Wiring + hoses | | | | |
| Insp prop + Spinner, Wash Eng + grd runup ok | | | | |
| 90's Ch 12 thru | 98-16 | | | |
| | | | TS | |

I certify that this ~~AC~~/Eng. has been inspected in accordance with annual/~~100~~ HR inspection and was determined ~~to be in~~ airworthy condition. Date 9/10/98

Total Time 4212 Tach Time 4212

Butterfly Aviation Inc., Goodland, Ks.

John Collett AI, 530026

| DATE 19__ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| Comp 80 1=75 2=78 3=78, 4=28 | | | | TSO# 384 |
| Change Oil + filter - 15w50, Chk mag timing | | | | |
| Insp plugs Change Air filter Check Eng Controls, Wiring, Hoses | | | | |
| Insp Ex System + Muff, Insp prop + Spinner | | | | |
| Wash Eng - grd Run | | | | |

I certify that this ~~AC~~/Eng. has been inspected in accordance with annual/~~100~~ HR inspection and was determined to be in airworthy condition. Date 12/14/09

Total Time 4222 Tach Time 4222

Butterfly Aviation Inc., Goodland, Ks.

A.E. 530026

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 1/10/2001 | TACH | 4227.0 | COMP 50 | 1=74 2=78 3=78 4=78 Drain Eng. oil. Remove filter |
| Filter | Insp.-OK. | Install new filter & Fill w/ 7qts Aeroshell 15W/50. CK | | |
| Mag timing-OK. CK all Engine controls for travel & Lube. Insp. all Fuel, Air | | | | |
| & oil | lines for Security & Chafing. Inspect Exhaust system & heat muff-OK. | | | |
| Insp. | Air filter-OK. CK Intake pipes & hoses for Security. Wash engine. | | | |
| Grd Run-leak CK-OK. AD's CK'd thru 2000-26. R. Dean Fenner | | | | |
| | | | | A&P 512646328 |
| | | | | I certify that this ~~AC~~/Eng. has been inspected in accordance with annual/~~100~~ HR inspection and was determined to be in airworthy condition. Date 1/10/01 TSMOH-389.0 |
| | | | | Total Time 4227.0 Tach Time 4227.0 |
| | | | | Butterfly Aviation Inc., Goodland, Ks. |
| | | | | A&I 530026 |

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 9-25-01 | 4269.5 HR | | | Changed oil filter 15W50 Shell |
| | | | | Executive Air Taxi Corp. Maintenance Release-Repair Sta#CTYR019D |
| | | | | The aircraft, and/or component identified above was inspected and/or repaired IAW Current FAR's and is found to be in an airworthy condition, with respect to the work performed and is approved for return to service. |
| | | | | Details are on file on WO# 18062 Date 9-25-01 |
| | | | | Sign [signature] |

| DATE 2002 ~~19~~ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 3-1-02 | 4297.1 | | | Checked Compressions #1 77/80 #2 78/80 #3 79/80 #4 78/80 Checked Timing. Cleaned gapped And Tested Spark plugs. Changed oil And Filter serviced with 8qts AEROSHELL 15W50. Checked Muffler And Shroud. Checked All engine Controls for Free And Proper Travel. I Certify this engine HAS been inspected IAW A 100 hr inspection And determined To be in Airworthy Condition. Robert Signatowich AP4725603958 |

I certify that this ~~aircraft~~/engine has been inspected in accordance with ~~an annual inspection and was~~ found to be in airworthy condition.

Jeff Voigt AP5029015771A

Signature _____ Date 3-1-02

Tach 4297.1

GFK FLIGHT SUPPORT

GRAND FORKS INTERNATIONAL AIRPORT
2467 AIR CARGO DRIVE • GRAND FORKS, ND 58203

## Powerplant Logbook Insert

Date: 8/20/2002, Aircraft: 34038, Type: CESSNA

Tach: 4337.9, Hobbs: 389.2

Drained oil, serviced with new CH 48110 filter and 8 Qts Aeroshell 15w-50.
Run up and leak check OK.

Scott C. Frey
A&P 502764109 Scott C. Frey

| DATE | RECORDING | | TOTAL | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS |
|---|---|---|---|---|
| | | | | D WITH NAME, RATING AND CERTIFICATE NUMBER OF TY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |

**PARK RAPIDS AVIATION, INC.**
**301 AIRPORT ROAD**
**PARK RAPIDS, MN 56470**
**218-237-8528**

3-11-03 **N34038** Tach 4358.4 Engine

Checked compressions #1 76/80 #2 76/80 #3 76/80 #4 78/80. Changed oil and filter. Serviced with Aeroshell 15W50 8qts. Installed 8 serviceable push rod tubes due to the original ones were plastic and many of them were cracked. Installed all new gaskets. Cleaned gapped and tested spark plugs. Checked all engine controls for free and proper movement. I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION was determined to be in airworthy condition.

Jeffrey C. Voigt
AP502901577IA

| DATE | RECORDING | | TOTAL | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS |
|---|---|---|---|---|
| | TACH TIME | TODAYS FLIGHT | TIME IN SERVICE | ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES) |

A+ Aviation Plus LLC
9870 W 52nd Street
Kenosha WI 53144
(262)656-1260
Email:aviationplusllc@aol.com

**04/27/04 N34038 Tach 4424.6 TTE 4424.6 SMOH 586.6**

Changed oil. Added 8 qts. Phillips 20W50XC. Replaced #4 valve cover gasket. Replaced all intake tube gaskets and boots. Compressions: 1)76, 2)76, 3)78, 4)74. C/W AD96-09-10, oil pump gear replacement, replaced oil pump gears w/steel on steel gears from ECI. Replaced oil sump gasket. Replaced all accessory case gaskets. Right magneto repaired and given 500 hour inspection, WO #4206, RLB Accessories.

All routine items checked per inspection sheets. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

346688033IA

Jon P Orlos

DAT

19__

| DATE 19___ | RECORDING TACH | TODAYS | TOTAL TIME IN | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. USE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|


Aviation Plus LLC

9870 W 52nd Street
Kenosha WI 53144
(262)656-1260
Email:aviationplusllc@aol.com


**04/02/2005 N34038 Tach 4455.7 TTE 4455.7 SMOH 617**

Changed oil and filter. Added 8 qts Phillips 20W50XC. Reset float height and reinstalled carburetor. Retimed left mag to engine. Retensioned alternator belt. Compressions: 1)76, 2)79, 3)75, 4)75. All routine items checked per inspection sheets. I certify this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

346688033IA

Jon P Orlos

| DATE 19 | TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS<br>ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|

**BLACKHAWK AIRCRAFT MAINTENANCE LLC**
P.O. Box 3157
Janesville, Wisconsin 53547-3157

B A M
BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

5-15-06 CESSNA 177 N34038 S/N 17701608 TACH & T.T. 4521.07 HR. ENGINE 583.07 HR. SMOH. COMPLETED ANNUAL THIS DATE. CHANGED OIL AND FILTER CLEANED AND GAPPED ALL PLUGS, CHECKED COMPRESSION 1-76/80 2-78/80 3-75/80 4-77/80. R&R STARTER FOR REPAIRS. NOTE YELLOW TAG DATED 5-10-06 FROM AIRCRAFT SYSTEMS INC. FOR DETAILS. SERVICED ENGINE WITH PHILLIPS 20W50 XC OIL. ALL SYSTEMS CHECKED AND LUBED AS REQUIRED. ENGINE FOUND OK FOR SERVICE THIS DATE.

NICHOLAS M. QUINT AI 1478178

Nicholas M. Quint

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157 Janesville, Wisconsin 53547-3157

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and War Bird Maintenance*
*Beech 18 Ferry Service*

N34038 DATE 01-22-07 TACH 4568.87 T.T. 4568.87 T.S.O.H. 630.87

COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 73/80, #2 76/80, #3 77/80 & #4 75/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & CH48110 FILTER. R & R LEFT MAG FOR 500HR INSP. BY A/C SYS. W.O. 3960400. INSTALLED NEW RA215CC VACUUM PUMP. INSTALLED NEW BA-5705 BRACKET AIRFILTER. AD 04-10-14C1 SUPERSEDES AD 91-14-22 CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE. NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 397620753IA

| DATE | RECORDING | | TOTAL | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS |
|---|---|---|---|---|
| 19— | | | | |

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157 Janesville, Wisconsin 53547-3157

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

N34038 DATE 02-13-08 TACH 4600.31 T.T. 4600.31 T.S.O.H. 662.31

COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 70/80, #2 78/80, #3 76/80 & #4 77/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & CH48110 FILTER. AD 04-10-14C1 SUPERSEDES AD 91-14-22 CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE. NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 397620753IA

DATE

19___

Date: 8/15/2008; Aircraft: N34038; Type: CESSNA 177B; S/N: 17701608; Tach: 4628.7; Total Time: 4628.7
ETSO: 690.7
***Engine Work*** ID 4067

Replaced #1, #2, #3 and #4 cylinders with new O-360A1F cylinder assemblies s/n's PGA 1941-1, -2, -3, and -4. New cylinders came with new pistons, fit and installed new rings. See Poplar Grove Airmotive, Inc. (CRS# YYBR664L), Limited maintenance release tag, Wo# 1941, dated 8/7/08. Serviced engine with 8 qts M100 Aeroshell. Ground run for ops and leak ck good.

All work performed in accordance with Approved/Current Technical Data.

Kevin K. Fenske
A&P2886592 IA

☐ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003

■ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

DATE

19___

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157
Janesville, Wisconsin 53547-3157

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

OF
IES.)

N34038 DATE 02-01-09 TACH 4648.89 T.T. 4648.89 T.S.O.H. 710.89

COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 79/80, #2 79/80, #3 79/80 & #4 79/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & TEMPEST AA48110 FILTER. INSTALLED NEW BA-5705 BRACKET AIRFILTER. REPLACED HEATER SCAT HOSE FROM MUFFLER TO FIREWALL. AD 04-10-14C1 SUPERSEDES AD 91-14-22 CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE. NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 397620753IA

DATE

19__

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157 Janesville, Wisconsin 53547-3157

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

NS
BER OF
NTRIES.)

N34038 DATE 03-19-10 TACH 4708.67 T.T. 4708.67 T.S.O.H. 770.67

COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. INSTALLED AUTOLITE PH-26 FINE WIRE SPARKPLUGS. COMP. TEST #1 79/80, #2 79/80, #3 79/80 & #4 79/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & TEMPEST AA48110-2 FILTER.

1. **AD 04-10-14C1 DATED 06-25-04** CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE.
2. **AD 09-26-12** ECI CLY. N/A BY CLY. TYPE.

NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

Alex E. Smith

ALEX E. SMITH
A&P2819800 IA

DATE

19___

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157 Janesville, Wisconsin 53547-3157

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

DATE 03-03-2011 TACH 4741.56 T.T. 4741.56 T.S.O.H. 803.49

COMP. TEST #1 79/80, #2 75/80, #3 78/80 & #4 78/80. CHANGED AIR FILTER INSTALLED A BA-5705CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & CH48103 FILTER. CLEANED & GAPPED ALL THE SPARKPLUGS. AD 04-10-14C1 SUPERSEDES AD 91-14-22 CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE. INSTALLED THE REIFF STANDARD PREHEAT SYSTEMS I/AW INST CH 2010-10doc OPS CHECKED ALL LIGHTS COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

Alex E. Smith
A&P 2819800

DATE

19___

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 3157 Janesville, Wisconsin 53547-3157

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

N34038 DATE 04-02-12 TACH 4768.26 T.T. 4768.26 T.S.O.H. 830.26

COMPLETED 100HR INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 78/80, #2 78/80, #3 78/80 & #4 78/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & TEMPEST AA48110 FILTER. REMOVED CARBURETOR SENT TO A/C SYS. FOR REPAIR "SEE PAPERWORK".

1. **AD 04-10-14C1 DATED 06-25-04** CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE.
2. **AD 12-03-07 DATED 03-27-12** CARB MIXTURE CONTROL N/A BY SERIAL #.

NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W A 100HR INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 3464152 IA

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 8-20-12 | 4779.68 | | | Replaced #4 CYL TOP SPARKPLUG, INSTALLED AN Autolite PH-26 Fine Wire Plug, Run-up O.K. For service this DATE. Joe M Q A&P3464152 |

N34038 DATE 05-03-13 TACH 4783.88 T.T. 4783.88 T.S.O.H. 845.88

COMPLETED ANNUAL INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 78/80, #2 76/80, #3 77/80 & #4 77/80. CHANGED OIL & FILTER INSTALLED 8QTS. OF PHILLIPS 20W-50 OIL & TEMPEST AA48110-2 FILTER.

1. **AD 04-10-14C1 DATED 06-25-04** CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE.
2. **AD 12-19-12 DATED 10-24-12** CRANKSHAFT RETIREMENT, N/A BY O/H DATE.

NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W AN ANNUAL INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 3464152 IA

DATE

19___

# BLACKHAWK AIRCRAFT MAINTENANCE LLC

P.O. Box 1815 Janesville, Wisconsin 53547

B A M

BEECH 18 SPECIALISTS

*Restoration*
*Annual Inspection*

*Classic and*
*War Bird Maintenance*
*Beech 18 Ferry Service*

N34038 DATE 07-01-14 TACH 4784.98 T.T. 4784.98 T.S.O.H. 846.98

COMPLETED ANNUAL INSP. CHECKED & LUBBED ALL CABLES, PULLEYS, & HINGES. CLEANED & GAPPED ALL THE SPARKPLUGS. COMP. TEST #1 79/80, #2 79/80, #3 79/80 & #4 79/80. CHANGED OIL FILTER AA48110-2 FILTER.

1. **AD 04-10-14C1 DATED 06-24-04** CRANKSHAFT GEAR & BOLT DUE AT O.H/ PROP STRIKE.
2. **AD 12-19-01 DATED 10-24-12** CRANKSHAFT RETIREMENT IS **N/A BY O/H DATE.**

NO NEW AD'S AT THIS DATE. I CERTIFY THAT THIS ENGINE WAS INSP. I/A/W AN ANNUAL INSP. AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THIS DATE.

JOSEPH M. QUINT
A&P 3464152 IA

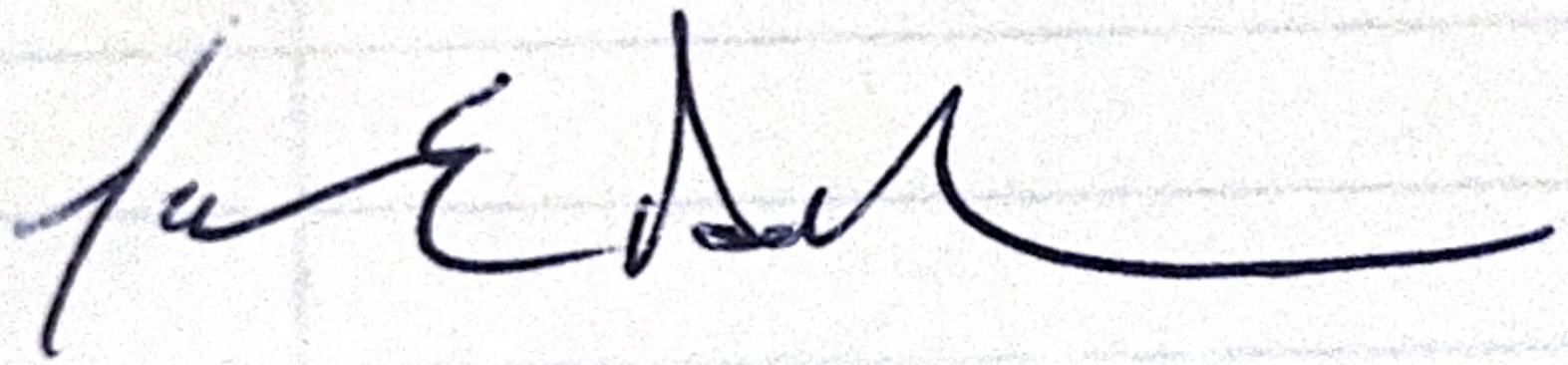
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NTRIES.)

Jason E. Doscher
JED - AIRE AVIATION, LLC
Municipal Airport, Benson, MN 56215
Over 15 years experience
Certified Airframe & Powerplant Technician
Inspector's Authorization
E-mail: jason@jed-aireaviation.com
(320)843-4461

August 15, 2014 Cessna N34038 Tach 4789.71 hrs

Oil and filter change. Drained sump and refilled with 9 qts Phillips XC. New aa48110 filter installed. No metal in old filter. Installed all new engine fluid lines, and engine isolator mounts. New muffler installed with new gaskets. Engine washed with solvent, run up completed.

Jason E Doscher A&P3271591



Jason E. Doscher
JED - AIRE AVIATION, LLC
Municipal Airport, Benson, MN 56215
Over 15 years experience
Certified Airframe & Powerplant Technician
Inspector's Authorization
E-mail: jason@jedaireaviation.com
(320)843-4461

March 13 2015 Cessna N34038 S/N 17701608 Tach 4803.63

100 Engine Inspection. Compression test as follows. #1 78 #2 78 #3 78 #4 78/80. Oil and filter change. Added 8 qts Phillips XC, installed a new aa48110 filter. No metal in old filter. Magneto timing checked as per data plate. Service spark plugs. Inspected exhaust system. Installed new airfilter. Drained carb bowl. Checked engine control travel. Engine run up and set up completed as per Cessna Service Manual. I hereby certify that this Engine has been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition.

Tach 4803.63 ATT 4803.63 ETT 4303.63 ETSMOH 865.63 PTSMOH 836.63 4/1991

Jason E Doscher A&P3271591

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| | | | | |


Jason E. Doscher

**JED - AIRE AVIATION, LLC**

Municipal Airport, Benson, MN 56215

*Over 15 years experience*

***Certified Airframe & Powerplant Technician***

***Inspector's Authorization***

***E-mail:*** *jason@jed-aireaviation.com*

***(320)843-4461***


April 12, 2016 Cessna N34038 S/N 17701608 Tach 4842.74

100 Engine Inspection. Compression test as follows. #1 75 #2 72 #3 75 #4 74/80. Oil and filter change. Added 8 qts Phillips XC, installed a new aa48110 filter. No metal in old filter. Magneto timing checked as per data plate. Service spark plugs. Inspected exhaust system. Installed new airfilter. Drained carb bowl. Installed a new engine driven fuel pump. Checked engine control travel. Engine run up and set up completed as per Cessna Service Manual. I hereby certify that this Engine has been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition.

Tach 4842.74 ATT 4842.74 ETT 4324.27 ETSMOH 904.73 PTSMOH 875.73

Jason E Doscher A&P3271591

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
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Jason E. Doscher

JED - AIRE AVIATION, LLC

Municipal Airport, Benson, MN 56215

*Over 15 years experience*

***Certified Airframe & Powerplant Technician***

***Inspector's Authorization***

**E-mail:** *jason@jedaireaviation.com*

*(320)843-4461*


March 14, 2017 Cessna N34038 S/N 17701608 Tach 4860.32

100 Engine Inspection. Compression test as follows. #1 75 #2 74 #3 74 #4 74/80. No oil or filter at this time. Magneto timing checked as per data plate. Service spark plugs. Inspected exhaust system. Drained carb bowl. Checked engine control travel. Engine run up and set up completed as per Cessna Service Manual. I hereby certify that this Engine has been inspected as per existing FAR's in accordance with a 100 Hour Inspection and found to be in an airworthy condition.

Tach 4860.32 ATT 4860.32 ETT 4341.85 ETSMOH 922.31 PTSMOH 893.31

Jason E Doscher A&P3271591

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 1/8/18 | 4867.56 | | | REMOVED & REPLACED MIXTURE CONTROL CABLE |
| HOBBS | 1015.7 | | | WITH VERNIER TYPE. RAN ENGINE. OPS CK. NORMAL |
| | | | | INSTALLED 4 PROBE EGT & 4 PROBE CHT INSIGHT |
| | | | | ENGINE MONITORING SYSTEM MODEL GEM GI PER |
| | | | | INSIGHT INST. MANUAL. OPS CK GOOD |
| | | | | Kenneth Kirk |
| | | | | A&P 3339760 |
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| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|

**Pine River Aeromotor 218-587-5000 Engine S/N L-15590-36A 0360-A1F6**

**3-6-18 Tach 4868.1 ACTT: 4868.1 TSO 930.9 PropSOH 901.9. Performed Annual/100 hr Inspection I/A/W Lycoming Engine manual. Compressions: #1 79/80 #2 78/80 #3 79/80 #4 79/80. Cleaned, gapped and tested all spark plugs. Checked magneto to engine timing. Checked exhaust system for leaks. Inspected prop for nicks and security. Checked all controls. Checked all applicable AD's thru 2018-05. Run up, ops check, no discrepancies found. I certify that this engine has been inspected I/A/W an Annual/100 hr inspection and was found to be in an Airworthy Condition.**

**Ron Sieling A&P 3682463** Ron Sieling

| DATE 19 18 | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|
| 7/31 | 4877.8 | STEVE HANSON RP3512018 | | CHANGED OIL & FILTER SHELL 15/50 LEAK TEST & RETURN TO SERVICE |
| | | | | |
| 3/26/19 | 4892.0 | | 958.0 | Compression 1-74 2-73 3-74 4-72 |
| | | | | Cleaned & gapped Spark plugs. Checked Mag Timing |
| | | | | changed OIL & FILTER 15W50 added |
| | | | | Replaced OIL Pan Gasket |
| | | | | DATE 3/26/19 TACH 4892.0 |
| | | | | "I certify that this Engine has been inspected |
| | | | | in accordance with Annual inspection and was |
| | | | | determined to be in Airworthy Condition." |
| | | | | WAYNE A. TROM A&P2003771 IA |
| | | | | Wayne A Trom |
| | | | | |

| DATE 19___ | RECORDING TACH TIME | TODAYS FLIGHT | TOTAL TIME IN SERVICE | DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS. ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.) |
|---|---|---|---|---|

SCA SPRING CITY AVIATION, INC.

**Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988**

## Engine Logbook Entry

**N34038 November 1, 2019 Tach: 4,927.75 Hobbs: 1,093.3**

Changed oil and filter, took AOA sample; cut open old filter to check for contaminants, no discrepancies noted. Installed New oil filter (P/N CH48110-1) and serviced with 7 qts Aeroshell W15W-50 oil. Performance and leak checks performed and found satisfactory for return to service.

Tyler J. Olson AP3295167

SCA SPRING CITY AVIATION, INC.

**Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988**

## Engine Logbook Entry

**N34038 January 9, 2020 Tach: 4,934.92 Hobbs: 1,102.4**

Removed magnetos for OH (RH P/N 10-349305-1R S/N D040768, LH P/N 10-349365-3 S/N A07139), installed OH magnetos (RH P/N 10-349305-1R S/N D040768, LH P/N 10-349365-3 S/N A07139, OH by Aircraft Systems under W.O. 53504 dated 01/06/2020). Operational and leak checks performed and found satisfactory for return to service. Tyler J. Olson AP3295167

DATE | TOTAL

SCA SPRING CITY AVIATION, INC. Spring City Aviation, Inc. 2525 Aviation Drive Waukesha, WI 53188 (262) 547-8988

## Engine Logbook Entry

**N34038 January 29, 2020 Tach: 4,935.76 Hobbs: 1,103.8 TTE: 4,417.29 TSMOH: 997.75**

Performed an annual inspection IAW FAR 43 Appendix D. The following was accomplished: removed, cleaned, inspected, tested, gapped, rotated, and re-installed spark plugs. Compressions as follows: #1 74/80, #2 72/80, #3 76/80 #4 74/80. Did not change oil due to recent oil change 11/01/2019 Tach: 4,927.75. Installed New rocker cover gaskets (Qty 4 P/N RG75906). Removed vacuum pump, installed New garloc seal (P/N 06A19956), re-installed vacuum pump with new gaskets (Qty 1 P/N 61183, Qty 1 P/N MS9134-01). Installed New gaskets on LH magneto (Qty 1 P/N LW12681, Qty 1 P/N 62224), timed LH mag to engine, checked RH mag timing. ADs checked through 2020-1, none applicable at this time. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.

Tyler J. Olson AP3295167IA

| DATE | TOTAL | |
|---|---|---|
| 7/3/20 | Tach 4954.47 | Changed oil and filter. Took 4oz sample and cut open old oil filter to check for contaminants. No discrepancies found. Installed new oil filter P/N CH-48110-1 and serviced with 7qt Aeroshell W15W-50. Leak test and return to service. Jeremy Griffith AP 4055934 |
| | | |
| | | |
| | | |
| | | |

| DATE<br><br>19___ | TOTAL TIME IN SERVICE | **REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO** FAA FORM ACA-337 BY DATE, OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY. |
|---|---|---|
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MEMORANDA

73-23-01 - N/A - S/N

75-08-09 - N/A - S/N

79-10-03 - N/A - model

79-15-02 - N/A - Model

80-04-03 - N/A - model

80-14-07 - N/A - model

81-18-04 - C/W logbook entry 9-25-81

87-10-06 - N/A

Prop McCauley S/N - 704902 m/N 2D34C202

ADs 68-08-01 - N/A

70-04-01 - N/A

77-16-01 - N/A

77-17-09 - N/A

Mags

74-26-09 - C/W log entry Tach 2810.4

78-05-07 - Impulse Coupling - every 500 hrs 599B