

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING AE10-360-H1B L-32947-51E
MAKE MODEL SERIAL

FROM NOV. 8 20 06 TO _____ 20 _____

DETAILING TIME FROM _____ 0.0 _____ TO _____
HOURS HOURS


SSP-1872-1

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October 1994

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by **LYCOMING** specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL AEIO-360-H1B SERIAL NO. L-32947-51E
DATE 6-17-06 
(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

ENGINE DESCRIPTION

| | | | | | |
|----------------------|--------------------|--------------------|------------------------|------------------|---------------|
| Mfgr. | LYCOMING | Place | Williamsport, PA 17701 | Date | 11-08-2006 |
| Type | | Model | AEIO-360-H1B | Serial No. | L-3294751E |
| Rated H.P. | 180 | Max. H.P. | 180 | Weight (Dry) | 331 LBS. |
| Rated R.P.M. | 2700 | Max. R.P.M. | 2700 | Oil Pressure | 90 PSI. |
| Bore | 5.125 | Stroke | 4.375 | Displacement | 361.0 Cu. In. |
| Compression Ratio | 8.5:1 | Supercharger Ratio | | | |
| Reduction Gear Ratio | | | | | |
| Propeller | MTV-15-B-C/C188-34 | Hub Design | MTV-15-B-C | Hub Serial No. | 06372 |
| Blade Design | C188-34 | Blade Serial No. | XC-25319 | Blade Serial No. | XC-25320 |
| Max. Hub H.P. | | Max. Blade H.P. | | | |
| Pitch | | Diameter | | Length | |
| Name | | | | | |
| Address | | | | | |

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|-----------------|-----------|---------|--|--|----------------|
| | Hrs | Min | | | |
| 6/20/07 | Tach 52.6 | TT 52.6 | Drained oil and removed filter for inspection-OK. Serviced engine with 7 qts Phillips 20W50 and new CH48109-1 Filter. Ground run for leaks and performance. |  Steve Myers, Myers Aviation Inc. AP471780408IA | |
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| Page Total | | | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. | | |
| Brought Forward | | | | | |
| Total to Date | | | | | |

ENGINE LOG


Serial No. _____

Date: December 3, 2008 ETT 108.8

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Annual inspection completed this time and date. Drained oil and removed filter for inspection – OK. Serviced engine with 8qts Phillips 20W50 and new CH48109-1 filter. Compression check: #1 74/80, #2 77/80, #3 75/80, #4 76/80. Removed spark plugs – cleaned, gapped, tested and reinstalled with new gaskets. Cleaned fuel injector nozzles. Stop-drilled small crack in engine baffle at oil cooler, fabricated oil cooler support bracket and installed. Inspected all accessories, systems and engine controls for condition, proper operation and security. C/W AD 2008-08-14 (fuel servo plug), AD 2006-05-05 (prop sheath separation), AD 2008-14-07 (fuel injector lines). ADs C/W through 2008-23. Ground run for leaks and performance.

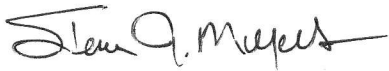
I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.


Steve J. Myers AP471780408IA
Myers Aviation, Inc.

MYERS AVIATION, INC. - WITTMAN AIRPORT
ENGINE LOG ENTRY N199JC

December 21, 2009 - Tach reads 121.0 TT - 121.0

Annual inspection completed this time and date. Drained oil and removed filter for inspection - OK. Serviced engine with 8 qts. Phillips 20W50 and new CH48109-1 filter. Compression check: #1 - 74/80, #2 - 76/80, #3 - 74/80, #4 - 73/80. Removed spark plugs - cleaned, gapped, tested and reinstalled with new gaskets. Cleaned fuel injector nozzles. Inspected all accessories, systems and engine controls for condition, proper operation and security. Complied with AD 2008-08-14 (fuel servo plug), AD 2009-02-03 by inspection, AD 2006-05-05 (prop sheath separation), AD 2008-14-07 (fuel injector lines). ADs complied with through 2009-25. Ground run for leaks and performance. I certify that this engine has been inspected with an Annual Inspection and determined to be in airworthy condition.

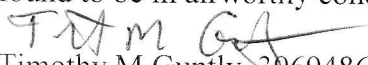


Steve J. Myers - A & P 471780408 IA
MYERS AVIATION, INC.

----- END -----

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------|------|-----|--|-----------------------------------|----------------|
| | Hrs | Min | | | |
| | | | Date 1-4-2011 Tach 132.6 TT 132.6 N199JC 100 Hr inspection completed this date. Compression test preformed #1-74#2-75#3-74#4-70. Changed oil and filter CH48109-1. Inspected old filter no metal found. Serviced engine with 8qts Philips 20W50. Inspected exhaust system. Cleaned and gapped spark plugs. Checked mag timing found good. Cleaned all fuel screens. Checked engine controls and rigging. Inspected battery. Inspected propeller. Replaced air filter BA 81030-1. Run-up preformed and checked proper operation and leaks. I certify this engine has been inspected in accordance with a 100 Hr inspection and was found to be in airworthy condition.  Timothy M Guntly 396948685IA | | |
| | | | Total to Date | Certificate Number MUST be Shown. | |

Date: July 4, 2011

Tach Time: 159:0 T.T. 159:0

N199JC

Model: AEIO-360-H1B

S/N. L-32947-51E

ZAE W.O.# 211128

Lycoming engine disassembled due to prop strike for repair. Cleaned & inspected, magnafluxed all steel parts, crankcase inspected. Engine reassembled in accordance with Lycoming Direct Drive overhaul manual 60294-7-12. Installed the following new parts, gasket set, all new main bearing [STD], rod bearing [STD], rod bolts, rod nuts, crankshaft gear bolt & lock tab, [8] new LRT23381 roller tappets, drain back hoses, intake hoses, spark plugs, oil pressure spring & ball, crankshaft plug, rocker shaft thrust buttons and new quick drain. All [4] cylinders I.R.A.N, re-ground valves & valves seats, ring finished cylinder barrels, installed pistons & new rings & piston pin plugs, valve keys, inter & outer valve springs. Installed new Slick magneto's, P/N. 4371 S/N.11040342 & P/N. 4371 S/N.11040343. Complied with following A.D.s 2004-10-14 per S.B. 475C, 2008-14-07 per S.B. 342F, 2009-02-03 by installing new P/N.2577258 gasket & stamping [G] on plug, 2009-26-12 is N/A by cylinder manufacture. Engine test ran. See invoice for complete parts list. No other engine accessories done at this time by this agency, or supplied. Continuing time on engine. A description of this repair is on file at this agency under W.O. 211128.

End of work done.

Zephyr Aircraft Engines Inc.

39320 B Ave.

Zephyrhills, Florida 33542

813-788-3305

F.A.A. Approved Repair Station # VI4R597M



Authorized Signature

Total to Date

Certificate Number MUST be shown.

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|---------|------|-----|---|--|----------------|
| | Hrs | Min | | | |
| 9/18/11 | 159 | 00 | INSTALLED ENGINE ON A/C IN 1995C RCA FOR OPS + LEAK CHECK OK | Randy [Signature] | 3571864 |
| 9/22/11 | 160 | 06 | REMOVED ENGINE FOR INSPECTION | Randy [Signature] | 3571864 |
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| | | | Total to Date | | |

Date: Oct. 6, 2011

Tach Time: 160:06 T.T. 160:06

N199JC

Model: AEIO-360-H1B

S/N. L-32947-51E

ZAE W.O.# 211200

Lycoming engine disassembled due to prop strike for repair. Cleaned & inspected, magnafluxed all steel parts, crankcase inspected. Engine reassembled in accordance with Lycoming Direct Drive overhaul manual 60294-7-12. Installed the following new parts, gasket set, all new main bearing [STD], rod bearing [STD], rod bolts, rod nuts, crankshaft gear bolt & lock tab, [8] new LRT23381 roller tappets, drain back hoses, intake hoses. Installed new Slick magneto's, P/N. 4371 S/N.11081240 & P/N. 4371 S/N.11081241. Complied with following A.D.s 2004-10-14 per S.B. 475C, 2008-14-07 per S.B. 342F, 2009-26-12 is N/A by cylinder manufacture. Engine test ran. See invoice for complete parts list. No other engine accessories done at this time by this agency, or supplied. Continuing time on engine. A description of this repair is on file at this agency under W.O. 211200.

End of work done.

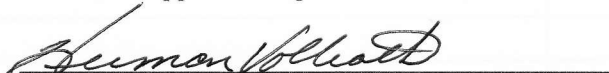
Zephyr Aircraft Engines Inc.

F.A.A. Approved Repair Station # VI4R597M

39320 B Ave.

Zephyrhills, Florida 33542

813-788-3305



Authorized Signature

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All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|-----------------|------|-----|--|-----------|----------------|
| | Hrs | Min | | | |
| | | | 12/8/2011 AEIO-360-H1B S/N L-32947-51E TT:160.6 | | |
| | | | Installed engine on N199JC. Serviced with 9 qts Aeroshell 100 mineral oil. Run engine for ops and leak check OK. | | |
| | | | <i>Randy Fisher</i> Randy Fisher A&P 3571854 | | |
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| Total to Date | | | | | |

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ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|-------------|------|-----|---|--|---|
| | Hrs | Min | | | |
| 6-9-13 | 341 | 5 | 0:1 Change 6 qts. 100W Aero shell Run up - all ops. normal | [Signature] | 6-9-13 |
| 10-26-13 | 368 | 4 | 0:108:1ter chge - 6 qts 100W Aero shell + 1 qt Cammerd Run up - all ops normal | [Signature] | 10-26-13 |
| 12 APR 2016 | 396 | 0 | Changed oil, 7 qts Aeroshel w-100 added Cam guard. changed oil filter. Cleaned fuel servo filter screen. Compressions #1 74/80 #2 74/80 #3 74/80 #4 74/80. Inspected engine IAW annual insp per FAR part 43 App D, determined to be in airworthy condition. AD's through 2016-07 | [Signature] | Complied with AD 2015-19-07 by visual insp. Due at 496.0 hrs. A9A 2740162FA |
| | | | Page Total | All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. | |
| | | | Brought Forward | | |
| | | | Total to Date | | |

ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|------------------|------|------|--|------------|----------------|
| | Hrs | Min | | | |
| 9-5-16 | 4 | 26 | Chnged oil - 7 qts. AeroShell 100 W Mumps @ 1000 9-5-16 | | |
| 10/22/16 | 4 | 53.3 | Chnged oil + Filter. Added 7 qts AeroShell W100 + comquerd. Ground Run, NO leaks found. | Frank King | AP 3509467 |
| _____ | | | | | |
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ENGINE LOG

Serial No. _____

| Date | Time | | REPAIRS - ADJUSTMENTS - SERVICE - REMARKS | Signature | License Number |
|-----------|-------|-----|--|-----------|----------------|
| | Hrs | Min | | | |
| 5/11/2017 | | | Changed oil + Filter. Added 6qts Aeroshell 1W100 + camguard. | | |
| TACH | 496.0 | | Replaced spark plugs Champion REM38E. Clw 500 HR inspection | | |
| ENGT | 496.0 | | ON mags. new contacts installed. Retimed mags to engine. | | |
| | | | Replaced rocker gaskets SLR 75906. cleaned injector nozzles + | | |
| | | | screen. Clw AD 2015-19-07 Fuel injector lines + clamps by inspection | | |
| | | | next due 5/2018, Tach 596.0 or maintenance to nozzles whichever | | |
| | | | comes first. Compression on cyl's #1 77/80 #2 77/80 #3 77/80 #4 77/80. | | |
| | | | Checked AD compliance thru BW 2017-09. I certify that this Engine | | |
| | | | has been inspected in accordance with an Annual Inspection and | | |
| | | | was determined to be in airworthy condition, Frank King IA 3509467 | | |
| | | | Page Total | | |
| | | | Brought Forward | | |
| | | | Total to Date | | |

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ENGINE LOG

Serial No. _____

American Champion 8KCAB

s/n 1031-2006

N199JC

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6-1-18

Airframe/Tach Total Time: 551.5

Cleaned, gapped and rotated spark plugs. Checked mag timing and ignition harness.
Cleaned injector nozzles and screen. C/W AD 2015-19-07 fuel injector lines and clamps
by inspection. Next inspection due 6/2019, Tach 651.5 or any maintenance to nozzles,
whichever comes first. Compression on cylinders #1 76/80 #2 77/80 #3 76/80 #4 76/80.
Checked AD compliance through BW 2018-10. I certify that this engine has been
inspected in accordance with an annual inspection and was determined to be in an
airworthy condition.

Frank Kurtz

Frank Kurtz IA 3509467

| | | |
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| | | Brought Forward |
| | | Total to Date |

All repair data must bear the endorsement of a
Certificated Mechanic, and his Rating and
Certificate Number MUST be shown.