

Book 142



The Standard

ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Textron Lycoming **Model** IO-360-C1C
Serial L-8823-51A **Type Certificate** _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ **Oil Grade** Summer _____ Winter _____

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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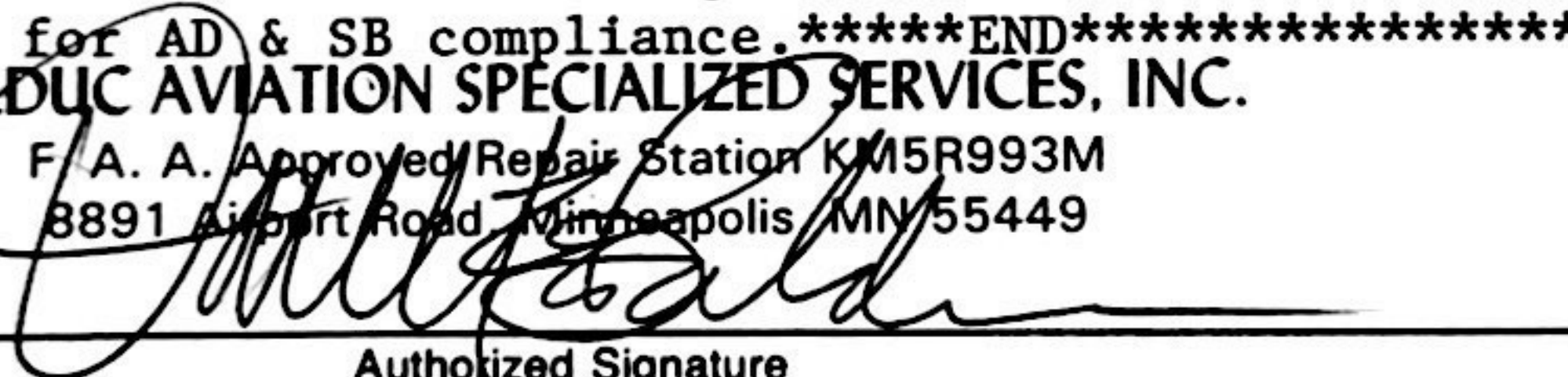
Date 05/19/05 W/O 19838 Tach _____ Model IO-360-C1C S/N I-8823-51A

This is to certify that the engine identified above was overhauled in accordance with current regulations of the FAA and was approved for return to service. Pertinent details of the overhaul are on file at the repair station.

Major overhaul in accordance with overhaul manual. Disassembled, cleaned and inspected all parts. Magnafluxed steel parts and zygloed nonferrous parts. Balanced engine. Exchanged both magnetos. Starter and alternator were overhauled by T&W Electrical. Fuel injection system was overhauled and recertified by D&G Supply (see release). Installed new ignition harness, spark plugs, fuel pump and new camshaft. Cylinders were ground .010 oversize. see attached sheet for additional parts replaced. Assembled and test-run engine; checked ok. See attached sheet for AD & SB compliance. *****END*****

BOLDUC AVIATION SPECIALIZED SERVICES, INC.

F. A. A. Approved Repair Station KM5R993M
8891 Airport Road Minneapolis MN 55449



Authorized Signature

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N56790

Tach: 3878.89

03/20/06

Removed and reinstalled pilot side microphone jack. Replaced broken ground wire ring terminal on oil pressure switch. Operation checked and found satisfactory.

F. W. Holstein, Jr. IA1320918

California Aero Marketing LLC
 2155-F South Mission
 Fallbrook, CA 92028

760 731 2614

YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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04/04/06

N56790 Tach: 3879.9

Jacked aircraft. Adjusted down lock microswitch right main and cycled gear 4 times. Removed right main brake caliper, installed new piston O ring P/N MS28775-222, reinstalled caliper, and bled brake. Serviced brake system reservoir with Mil H 5606A hydraulic oil. All work in accordance with Piper Service Manual.

F. W. Holstein, Jr. IA1320918

California Aero Marketing, LLC
2155F South Mission
Fallbrook, CA 92028

760 731 2614

ENTERED IN WORK LOG
DUPLICATE ENTERED
IN AIRCRAFT LOG
IA1320918

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N56790

Tach: 3879.9

04/04/06

Drained oil. Inspected it and filter – nothing found. Installed new Champion CH48110-1 oil filter and added 8 qts. Shell 100 mineral oil. Inspected all bottom spark plugs. One still slightly wet with oil prompting continued use of mineral oil. Cleaned and reinstalled bottom spark plugs. Tightened oil filler tube and resafetied. Reinstalled cover on air filter enclosure. Adjusted idle RPM and mixture to specification. Ran up, checked for leaks. All operations found satisfactory.



F. W. Holstein, Jr. IA1320918

California Aero Marketing, LLC
 2155F South Mission
 Fallbrook, CA 92028

760 731 2614

N56790

Tach: 3882.6 2851.60 TT

49.03 SMOH

10/05/06

Compression: #1 78/80 #2 50/80 #3 77/80 #4 78/80

Removed and reinstalled #2 cylinder and left magneto after warranty repair by Bolduc Aviation Specialized Services under their W.O. 21050 dated 08/09/06 See attached W.O. for details of this repair. Drained oil. Inspected it and filter. Nothing found. Added 8 qts. Shell 100 mineral oil and installed new Champion CH48110-1 oil filter. Installed cleaned, inspected, and gapped spark plugs. Washed engine. Removed and reinstalled exhaust system after inspection and repair by Custom Aircraft Parts El Cajon, CA by welding. Complied with AD 2002-26-01 (supercedes 93-02-05, 93-05-22) Failure of fuel iniector fuel lines by ins

pection, at
ave been
checked for
break in

Diesel

COMPONENT Cylinder
PART No. 50-360 S/N 8-4-06
W/O 21050 DATE 8-4-06

- Clean
- Pre-Insp.
- Int. Guide
- Int. Seat
- Exh. Guide
- Exh. Seal
- Exh. Flange
- Exh. Studs
- Fit Rings
- Grind Seats
- ~~Rock~~ Bushings
- Grind O/S 0.00
- ~~Hone~~ Wash
- ~~Crank-Mains~~
- ~~Crank-Rods~~
- ~~Crank-Flange~~
- ~~C/Gase-Brg-Bofes~~

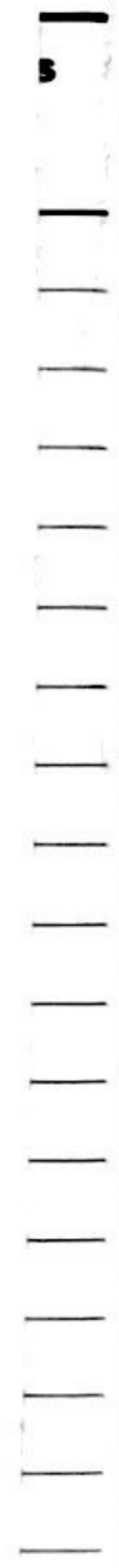
S.B. & AD's _____

INSP. Champion Aviation FOR

**BOLDUC AVIATION
SPECIALIZED SERVICES, INC.**
Anoka County Airport
8891 Airport Road
Minneapolis, MN 55449
FAA APPROVED STATION KM5R993M

SERVICEABLE

ANNUAL

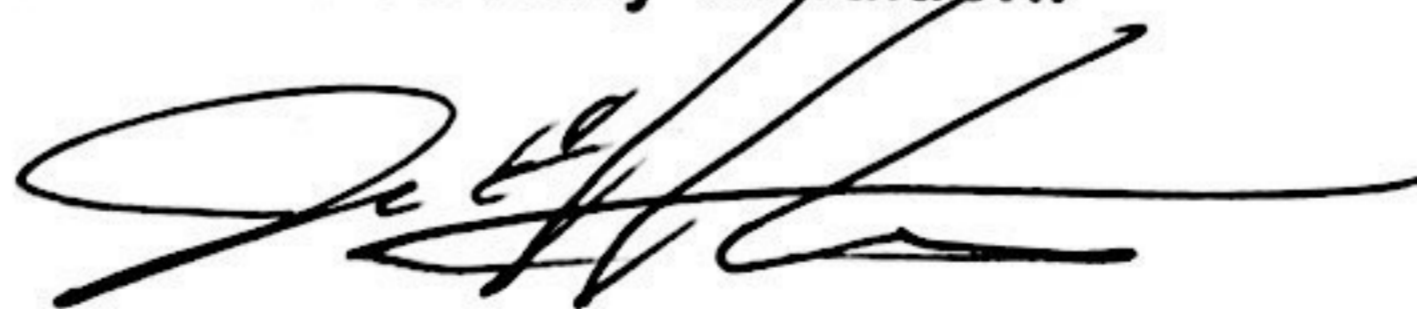


N56790 Tach: 3882.6 2851.60 TT 49.03 SMOH

10/05/06

Compression: #1 78/80 #2 50/80 #3 77/80 #4 78/80
Removed and reinstalled #2 cylinder and left magneto after warranty repair by Bolduc Aviation Specialized Services under their W.O. 21050 dated 08/09/06 See attached W.O. for details of this repair. Drained oil. Inspected it and filter. Nothing found. Added 8 qts. Shell 100 mineral oil and installed new Champion CH48110-1 oil filter. Installed cleaned, inspected, and gapped spark plugs. Washed engine. Removed and reinstalled exhaust system after inspection and repair by Custom Aircraft Parts El Cajon, CA by welding. Complied with AD 2002-26-01 (supercedes 93-02-05, 93-05-22) Failure of fuel injector fuel lines by inspection per AD. Next compliance due next annual, next 100 hour inspection, at engine overhaul, and after any maintenance where injector lines have been disturbed for any reason. Adjusted idle RPM and Mixture. Ran up checked for leaks. All operations found satisfactory. Owner to perform cylinder break in flight(s). ADs checked.

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



J. W. Holstein IA3180354

California Aero Marketing, LLC
2155-F South Mission Road
Fallbrook, CA 92028

760 731 2614

YEAR 07 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/3/07	Tach		3907	Engine total time SMOH = 74h.
				<p>Annual inspection completed Per FAR 43 appx D. Checked engine compression @ 80 psi. cyl #1 = 76 #2 = 75 #3 = 76 #4 = 74. Changed oil & filter. Serviced w/ AeroShell 100w. Cleaned & rotated plugs I certify that this engine has been inspected in accordance w/ an Annual inspect & was determined to be in an airworthy condition.</p> <p>Hugh J. Halliday 1743824582A</p>

Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Date: 2/19/2010, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: Total Time:; Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80
Shop Order # 10-15237

- 1) Performed Annual inspection IAW Pacific States annual inspection checklist.
- 2) Compressions: 1)76/80, 2)74/80, 3)72/80, 4)76/80
- 3) Changed oil and filter. Serviced with 8 quarts of Aeroshell 15w50 and a CH48110-1 filter.
- 4) Prepared oil sample for analysis.
- 5) Replaced hardware @ fuel servo mixture control arm.
- 6) Tightened three base bolts @ engine driven fuel pump.
- 7) Readjusted magneto timing, and replaced right magneto gasket.
- 8) CW AD2008-14-07 by inspection of fuel injector lines. Due again @ AFTT:4113.6

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

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No CPFR948C

Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C



Date: 3/18/2011, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: 182.70, Tach: 4033.68, Total Time:; Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80, Work Done At - Airframe Time: 4033.68, Engine Time: 2982.50
Shop Order # 11-15666

- 1) Performed Annual inspection IAW Pacific States annual inspection checklist.
- 2) Replaced landing light bulb
- 3) Replaced right nav light ground wire and connector.
- 4) Adjusted nose gear doors.
- 5) Replaced nosegear assist springs.
- 6) Performed ELT inspection IAW FAR91.207. Battery expires May 2013.
- 7) CW AD75-24-02 by inspection of crew seats. Due again @AFTT:4133.68
- 8) CW AD76-07-12R1 by ignition switch function check. Due again @ AFTT:4133.68
- 9) CW AD2010-15-10 by inspection of control column u-joints.

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

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No CPFR948C

Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C

Pacific
States
Aviation



Date: 3/18/2011, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: 182.70, Tach: 4033.68, Total Time: Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80, Work Done At - Airframe Time: 4033.68, Engine Time: 2982.50, Shop Order #: 11-15666

- 1) Performed Annual inspection IAW Pacific States annual inspection checklist.
- 2) Compressions: 1)72/80, 2)76/80, 3)68/80, 4)72/80
- 3) Changed oil and filter. Serviced with 8 quarts of Aeroshell 15w50 and a a CH48110-1 filter
- 4) Prepared oil sample for analysis
- 5) CW AD2008-14-07 by inspection of the fuel injector lines.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No. CPFR948C

Pacific States Aviation
51 John Glenn Dr
Concord, CA 94520
Phone 925-685-4400
Repair Station No. CPFR948C

Pacific
States
Aviation



Date: 3/18/2011, Aircraft: N56790, Type: PA-28R-200, S/N: 28R-7435042, Hobbs: 182.70, Tach: 4033.68, Total Time: 4033.68, Engine - Type: IO-360-C1C, S/N: L-8823-51A, Time: 2982.50, Last MOH: 2802 60-5/19/2005, Prop - Type: HC-3CYR-1RF, S/N: DY3616A, Time: 645.80, Work Done At - Airframe Time: 4033.68, Engine Time: 2982.50, Shop Order #: 11-15666

- 1) Performed Annual inspection of this propeller IAW Pacific States annual inspection checklist.

I certify that this aircraft/component has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: 
Pacific States Aviation, Inc. Repair Station No. CPFR948C

Copy placed in Prop logbook

ENGINE MODEL:
ENGINE S/N:
REG. NO: N56790
WORK ORDER:
6437-05-2014

Sterling Aviation

145 John Glenn Drive
Concord, CA 94520
Phone: 925-676-2100

DATE: 6/9/2014
A/C TSN: 4100.79
ENG TT: 3049.61
TSMOH: 247.01
TACH: 4100.79

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ber of
ntries.)

Engine Entries

Engine 100 hr. Inspection for 2014 using Sterlings checklist. compression reveals 1-70/80 2-76/80 3-72/80 4-68/80. Timing set IAW engine placard, engine drained of oil and serviced with Aeroshell 15W-50 oil. old filter cut open, no contaminants found at this time, a CH48110-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time....replaced all 4 intake tube o-rings p/n 77569. replaced all 4 exhaust gaskets p/n 71973....replaced rivets on heat exchanger muff.

DATE: 6/9/2014

SIGNED:

[Signature]
AJP 2748490

Work Order: 6437-05-2014

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I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IAW ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: David Vickers

DATE: 6-9-14

David Vickers, IA 3161731

TTIS: 3049.61 TSMO: 247.01 REG# N56790

YEAR	RECO
DATE	TACH TIME



I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: David Vickers DATE: 7-10-15
 David Vickers, IA 3161731

TTIS: 3063.59 TSMO: 260.99 REG# N56790

Repairs and Alterations
 (ing and Certificate Number of
 pages for other specific entries.)

ENGINE MODEL:
 ENGINE S/N:
 REG. NO: N56790
 WORK ORDER:
 6832-07-2015

Sterling Aviation
 145 John Glenn Drive
 Concord, CA 94520
 Phone: 925-676-2100

DATE: 7/10/2015
 A/C TSN: 4114.77
 ENG TT: 3063.59
 TSMOH: 260.99
 TACH: 4114.77

Engine Entries

Compressions are 1-76/80 2-76/80 3-78/80 4-78/80. Timing set IAW engine placard, engine drained of oil and serviced with Aeroshell 15W-50 oil. old filter cut open, no contaminants found at this time, a CH48110-1 filter installed, performed a ground run-up, no oil or fuel leaks noted at this time...replaced both magneto gaskets p/n 534750. no further leaks noted...replaced #'s 2, and 4 cylinder valve cover gaskets with new p/n 67193 with no leaks noted.

DATE: 7/10/2015 SIGNED: David Vickers # 3161731 Work Order: 6832-07-2015

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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SkyView Aviation →

SkyView Aviation, LLC
 5749 Tracy Blvd
 Tracy, CA 95377
 (209)830-7666


N56790 TACH: 4169.5

- Performed 50hr inspection.
- Drained oil, removed oil filter and opened for inspection, no contamination found.
- Installed new Tempest Oil Filter PN-AA48110-2 and safety wired.
- Added 7Qts of Phillips XC SAE 20w/50
- Removed (8) spark plugs, cleaned and gapped to 0.019"/in
- Installed (8) new crush gaskets and torqued plugs to 35ft/lbs
- Performed Test Run, Mag Check, and Checked for leaks. No leaks found at this time.
- Engine approved for return to service.

JEREMY MACGREGOR A&P 3324170
 Date: FEB /08/2016 X



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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: right;">SkyView Aviation, LLC 5749 Tracy Blvd Tracy, CA 95377 (209)830-7666</p> <hr/> <p>N56790 TACH: 4267.7</p> <p>Performed 50hr inspection.</p> <ul style="list-style-type: none"> -Drained oil, removed oil filter and opened for inspection, no contamination found. -Installed new Tempest Oil Filter PN-AA48110-2 and safety wired. -Added 7Qts of Phillips XC SAE 20w/50 -Removed (8) spark plugs, cleaned and gapped to 0.019"/in -Installed (8) new crush gaskets and torqued plugs to 35ft/lbs -Performed Test Run, Mag Check, and Checked for leaks. No leaks found at this time. -Engine approved for return to service. <p>JEREMY MACGREGOR A&P 3324470 Date: MAY /13/2016 X </p>

YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SkyView Aviation →

SkyView Aviation, LLC
5749 South Tracy Blvd
Tracy, CA 95377
(209)830-7666

N Number: N56790 Tach: 4311.4 SMOH: 457.6
Eng. TT: 3260.2

Complied with Annual inspection in accordance with FAR 43 appendix D. Changed oil and oil filter. Installed eight (8) quarts of Phillips XC SAE 20W50 and Tempest AA48110-2 oil filter. Inspected old filter for contamination, none found at this time. Cleaned and gapped all spark plugs re-installed with new M674 spark plug gaskets. Compression: #1 76 #2 75 #3 75 #4 75. Engine washed down and test run, no leaks were found. Complied with Ad2015-19-07 fuel injector lines as pe AD paragraph (e)(1)(ii) and SB 342G No. 2, next inspection due in 100hrs. AD2015-02-07 front mounted governor , not applicable due to rear mounted governor. See AD compliance record dated 07/10/2015 and old aircraft records for more AD information. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All work done using applicable service manuals.

END

Richard Ortenheim A&P 2517877 IA
Date: 06/27/2016 X



YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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SkyView Aviation →

SkyView Aviation, LLC
 5749 South Tracy Blvd
 Tracy, CA 95377
 (209)830-7666

N Number: N56790 Tach: 4368.0 SMOH: 514.2

Eng. TT: 3316.8

Complied with 50Hr inspection. Changed oil and oil filter. Installed eight (8) quarts of Phillips XC SAE 20W50 and Tempest AA48110-2 oil filter. Inspected old filter for contamination, none found at this time. Cleaned and gapped all spark plugs re-installed with new M674 spark plug gaskets. Engine washed down and test run, no leaks were found and determined to be airworthy. All work done using applicable service manuals.

-----END-----

Richard Ortenheim A&P 2517877 IA
 Date: 08/08/2016 X



YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
 <p>BOOK CLOSED</p> <p>11/11/2016</p> <p>TREX 44329</p> 				<p>Entered in out of date → order. New Engine logbook started 12/12/16</p>

