

AIRFRAME MAINTENANCE RECORDS

Log No. 4

Aircraft Registration No. N 465 JA

Aircraft Mfg. Piper Model PA-23-150 ^{'Apache'} Serial No. 23-1033

^{Left} Engine Mfg. Lycoming Model O-320-A1B Serial No. L-12014-27AC

^{Right} Engine Mfg. Lycoming Model O-320-A1B Serial No. L-2148-27AC

Propeller Mfg. Hartzell Model HC-C2YL-2CUF/FC7663-4 Serial No. AY626B

^{Left} Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. Hartzell Model HC-C2YL-2CUF/FC7663-4 Serial No. AY627B

^{Right} Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



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SOUTHOLD, NY

FAX: _____

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<u>N465JA</u>
Flight Hobbs Time: 5375.0 Airframe Total Time: 5375.0			Date: February 7, 2011
Inspected in accordance with AIRS twin engine retractable gear checklist and Piper Maintenance Manual. Cleaned and greased wheel bearings and gear. Lubed pulleys Replaced left brake disc with serviceable disc. Replaced brake linings with new on left side. Replaced worn rod end bearing at left flap with new. Installed new bolts in left main landing gear torque links to remove slop. Replaced left gear door outboard rear hinge and right inboard hinge with new. Rebuilt right brake caliper with new orings. Rebuilt master cylinders. Bled brakes. Ops check good. Replaced upper rotating beacon with Whelen strobe. See 337 dated this date. Replaced bulb in lower rotating beacon. Ops check good. Replaced taxi light with new GE4509 bulb. Repaired faulty wire on landing light. Ops check good. Cleaned gascolators. Gear retract satisfactory. Serviced battery. Replaced right starter wire with new. Replaced air filter elements with new. Replaced ELT battery with new BP1040. ELT checked in accordance with 91.207(d). Ops check good. Battery due March 2013. Complied with AD 60-03-08 Fuel control cable and wire by inspection. Next due at 5475.0 hobbs time. Complied with AD 63-07-03 Rudder Trim tabs by inspection. Next due 5475.0 hobbs time. Complied with AD 63-12-02 elevator butt rib doubler plates by inspection. Next due 5475.0 hobbs time. Complied with AD 63-24-03 Rudder Trim tab control rod assembly by inspection. Next due at 5475.0 hobbs time. Complied with AD 79-11-06 landing gear selector lever by inspection. Next due at 5475.0 hobbs time. Complied with AD 80-18-10 par B fuel valve and cable assembly by inspection. Next due at 5475.0 hobbs time Complied with AD 81-04-05R1 flap spar hinge by inspection Next due at 5475.0 hobbs time. Complied with AD 88-21-07R1 fuel filter by inspection. Due February 29, 2012. Complied with AD 2009-13-06 nose baggage door by inspection. Next due at 5475.0 hobbs time. AD's checked for compliance through this date. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.			
Date: February 7, 2011			Signed:
			<u>N465JA</u>
Flight Hobbs Time: 5465.9 Airframe Total Time: 5465.9			Date: January 17, 2012
Inspected in accordance with FAR 43 appendix D and Piper Maintenance Manual. Cleaned and greased wheel bearings and gear. Lubed pulleys. Removed instrument panel overlay. Installed center stack panel overlay removed from serial number: 23-1829 apache. See 337 this date. Moved and replaced all old C/Bs and switches with new Moved radios to center of panel. Installed overhauled directional gyro from Max Haufe, Inc. Installed overhauled attitude gyro. Sigma tek: p/n: 1394 T100-3(SR) S/N 1-0787 Removed old landing gear handle PN: 752303. Replaced with new gear handle PN:761213. Terminating action per AD 79-11-06 par. C Removed old flap torque tube and replaced with new flap torque tube part number:104622-004 in accordance with Service Bulletin No. 1051B. AD 2003-09-13no longer applies. Fabricated new hydraulic lines for flaps. Bled system. Ops check good. Fabricated new right wing root fairing and replaced old. Replaced engine mount rubbers with new on both engines. Replaced right and left carburetor airbox couplers p/n455-175 with new. Installed new super clock Electronics International SC-5. See 337 dated this date. Installed new volt/amp meter p/n VA-1A-300. S/N: 133100. Installed external shunt. Installed in accordance with STC: SA2693NM. See 337 dated this date. Replaced left brake disc with new. Replaced skin on lower part of rudder due to slight dents. See 337 dated this date. Replaced both elevators PN:17058-00 with used serviceable elevator assemblies with PN:19446 elevator butt rib doubler plates terminating action for AD 63-12-02 par. B Removed, stripped and repainted flaps, rudder and elevators. Balanced control surfaces per Piper maintenance manual. Reinstalled all control surfaces with new hardware. Complied with AD78-08-03R1 Rudder hinge bracket cracks by inspection next due @ 6465.9 Installed 406 ELT ACK E-04 see 337 this date Hex code 2DC86A1E6E6FFBFF battery due date <u>Nov 2016</u> Complied with AD 60-03-08 Fuel control cable and wire by inspection. Next due at 5565.9 hobbs time. Complied with AD 63-07-03 Rudder Trim tabs by inspection. Next due 5565.9 hobbs time. Complied with AD 63-24-03 Rudder Trim tab control rod assembly by inspection. Next due at 5565.9 hobbs time. Complied with AD 80-18-10 par B fuel valve and cable assembly by inspection. Next due at 5565.9 hobbs time Complied with AD 81-04-05R1 flap spar hinge by inspection Next due at 5565.9 hobbs time. Complied with AD 88-21-07R1 fuel filler by inspection. Due by January 31, 2013 Complied with AD 2009-13-06 nose baggage door by inspection. Next due at 5565.9 hobbs time. AD's checked for compliance through this date. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.			
Date: January 17, 2012			Signed:

AIRCRAFT LOG BOOK ENTRY

N465JA

S/N 23-1033

DATE

Tach Time: 5742.4

Total Aircraft Time: 5742.4

Date: November 25, 2013

Inspected in accordance with FAR 43 appendix D and Piper Maintenance Manual.
Cleaned and greased wheel bearings and gear. Lubed pulleys.
Installed serviceable left outboard gear door hinge.
Replaced left main gear tire with retread 7.00x6 tire
Installed new brake linings on left main gear.
Removed, cleaned and painted rust spots on right engine mount.
Replace oil cooler hoses from right and left engine, date code 2Q13.
Secure throttle cable on right side engine
Secure carb heat shrouds on right engine
Replace missing screws from throttle Quadrant and fuel mixture.
Replace flap sending unit with serviceable one.
Tightened hydraulic line fitting on left engine
Removed and treated corrosion on top of left horizontal
Repair baffling on both engines.
Replace screws on horizontal faring
Replace Left main outboard gear pivot point bracket with serviceable part
Cleaned and painted both gears, all pivot points brackets, inspected, greased and gear retract test ok.
Cleaned engines and wheel wells.
Tested ELT in accordance with FAR 91.207(d). Test ok. Battery due: Nov 2016
Complied with AD 60-03-08 Fuel control cable and wire by inspection. Next due at 5842.4 hobbs time.
Complied with AD 63-07-03 Rudder Trim tabs by inspection. Next due 5842.4 hobbs time.
Complied with AD 63-24-03 Rudder Trim tab control rod assembly by inspection. Next due at 5842.4 hobbs time.
Complied with AD 80-18-10 par B fuel valve and cable assembly by inspection. Next due at 5842.4 hobbs time
Complied with AD 81-04-05R1 flap spar hinge by inspection Next due at 5842.4 hobbs time.
Complied with AD 88-21-07R1 fuel filler by inspection. Due by November 31, 2014.
Complied with AD 2009-13-06 nose baggage door by inspection. Next due at 5842.4 hobbs time.
AD's checked for compliance through this date.
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

DATE:

11/25/13

SIGNED:

AIRCRAFT LOG BOOK ENTRY

N465JA

S/N 23-1033

Tach Time: 5827.4

Total Aircraft Time: 5827.4

Date: May 20, 2014

Inspected in accordance with FAR 43 appendix D and Piper Maintenance Manual.
Cleaned and greased wheel bearings and gear. Lubed pulleys.
Replaced right main gear tire with retread 7.00x6 tire
Installed new brake linings on right main gear. Installed new bolts on nose gear torq links.
Replaced brake master cylinder rubber lines with new Aeroquip 303 hose and 491-4 fittings
Removed corrosion from left nav light socket test okay. Replaced burned out taxi and landing light bulbs with new GE4509
Replaced belly beacon bulb with new. Freed frozen pulley at rudder torq tube for rudder trim cable.
Cleaned engines and wheel wells.
Tested ELT in accordance with FAR 91.207(d). Test ok. Battery due: Nov 2016
Complied with AD 60-03-08 Fuel control cable and wire by inspection. Next due at 5927.4 hobbs time.
Complied with AD 63-07-03 Rudder Trim tabs by inspection. Next due 5927.4 hobbs time.
Complied with AD 63-24-03 Rudder Trim tab control rod assembly by inspection. Next due at 5927.4 hobbs time.
Complied with AD 80-18-10 par B fuel valve and cable assembly by inspection. Next due at 5927.4 hobbs time
Complied with AD 81-04-05R1 flap spar hinge by inspection Next due at 5927.4 hobbs time.
Complied with AD 88-21-07R1 fuel filler by inspection. Due by May 31, 2015.
Complied with AD 2009-13-06 nose baggage door by inspection. Next due at 5927.4 hobbs time.
AD's checked for compliance through this date.
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

DATE: 5-20-14

SIGNED:

TOTAL—Carry forward to next page

N465JA
S/N 23-1033

Date: August 9, 2014

ige No. .

Tach Time: 5866.2
Total Aircraft Time: 5866.2

DATE _____

Replaced airspeed indicator with overhauled unit Garwin PN:22-696 SN:B9187 from Kelley Instruments under WO# 134101.
Removed original Delco 35 amp Generators installed new Plane Power Alternators TAL-12-70 IAW STC SA10682S Alternators limited to 50amps max by curcuit breakers for the use of #8 wire per AC 43.131b par. 11-69 figure 11-2 See 337 this date for details and ICA.

DATE: 8-9-14

SIGNED:

AIRCRAFT LOG BOOK ENTRY

N465JA
S/N 23-1033

Date: December 15, 2014

Tach Time: 5922.1
Total Aircraft Time: 5922.1

Inspected in accordance with FAR 43 appendix D and Piper Maintenance Manual.
Cleaned and greased wheel bearings and gear. Lubed pulleys.
Rotated right main gear tire with new tube.
Bled brakes.
Replaced burned out landing light bulb with new Whelen LED PN 11-08294 FAA-PMA PQ0610NE
Cleaned engines and wheel wells.
Tested ELT in accordance with FAR 91.207(d). Test ok. Battery due: Nov 2016
Complied with AD 60-03-08 Fuel control cable and wire by inspection. Next due at 6022.1 hobbs time.
Complied with AD 63-07-03 Rudder Trim tabs by inspection. Next due 6022.1 hobbs time.
Complied with AD 63-24-03 Rudder Trim tab control rod assembly by inspection. Next due at 6022.1 hobbs time.
Complied with AD 80-18-10 par B fuel valve and cable assembly by inspection. Next due at 6022.1 hobbs time
Complied with AD 81-04-05R1 flap spar hinge by inspection Next due at 6022.1 hobbs time.
Complied with AD 88-21-07R1 fuel filler by inspection. Due by Dec 31, 2015.
Complied with AD 2009-13-06 nose baggage door by inspection. Next due at 6022.1 hobbs time.
AD's checked for compliance through this date.
I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

DATE: 12-15-14

SIGNED:

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ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 465JA

Engine Manufacturer Lycoming

Model O-320 A1B

Serial No. L-12014-27AC

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right
☐ Front

☒ Left
☐ Rear



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FAX: [REDACTED]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Flight Hobbs 5182.0
Old Left Tach Hours: 2369.3

LEFT ENGINE LOG BOOK ENTRY

Date: June 22, 2009

Engine Total Time: unknown
Engine SMOH: 869.0

Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual.

Compression checked and was as follows: #1: 74/80 #2: 66/80 #3: 60/80 #4: 72/80.

Replaced air filter with new.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and has been found to be airworthy at this date.

Date: June 22, 2009

Signed: _____

10/14/09	5225.6	912.4	oil & filter changed w/ Aeroshell W100 & CH 48110-1. old filter cut no contaminants noted. Engine run & checked for leaks. none found.	

LEFT ENGINE LOG BOOK ENTRY

Date: February 3, 2010

Flight Hobbs Time: 5280.1

Engine Total Time: unknown

Engine SMOH: 967.0

Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual.

Compression checked and was as follows: #1: 72/80 #2: 67/80 #3: 70/80 #4: 72/80.

Replaced air filter with new.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: February 3, 2010

Signed: _____

7/1/10	5331.9	1018.8	oil & filter changed. replaced w/ 8 qt Aeroshell W100 & CH 48110-1 filter. old filter cut & no contaminants noted. Engine run & checked for leaks. none found.	

SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

LEFT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5375.0
 Engine Total Time: unknown
 Engine SMOH: 1061.9

Date: February 7, 2011

Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual.

Compression checked and was as follows: #1: 71/80 #2: 69/80 #3: 71/80 #4: 70/80.

Cleaned and gapped spark plugs. Replaced air filter with new.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: February 7, 2011

Signed: _____

*oil & filter changed w/ Aeroshell w100 oil CH48110-1. No contaminants noted.
 Engine run & checked for leaks. None found.*

LEFT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5465.9
 Engine Total Time: unknown
 Engine SMOH: 1152.8

Date: January 17, 2012

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.

Compression checked and was as follows: #1: 73/80 #2: 73/80 #3: 70/80 #4: 74/80.

Cleaned and gapped spark plugs. Replaced air filter with new.

Fabricated new front baffling.

Replaced engine mount rubbers with new.

Replaced carburetor/airbox boot with new p/n: 455-175.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: January 17, 2012

Signed: _____

LEFT ENGINE LOG BOOK ENTRY

Lycoming O-360-A1B

S/N L-12014-27AC

N465JA

Tach Time: 5515.8

Date: March 2, 2012

Total Engine Time: unknown

TSMO: 1212.7

Drained engine oil and removed oil filter. Cut and inspected filter. No abnormal contaminants noted. Added 8 Qts Aeroshell 100W AD oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. None detected.

DATE: 3/2/12

SIGNATURE: _____

LEFT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5553.2
 Engine Total Time: unknown
 Engine SMOH: 1240.1

Date: June 5, 2012

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.

Compression checked and was as follows: #1: 74/80 #2: 71/80 #3: 73/80 #4: 72/80.

Cleaned and gapped spark plugs. Replaced air filter with new.

Repaired baffling as necessary.

Replaced left fuel pump with overhauled p/n: 40295 s/n: AA26021.

Replaced carburetor heat cable.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

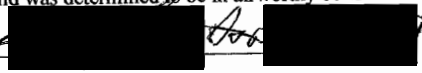
Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: June 5, 2012

Signed: _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
LEFT ENGINE LOG BOOK ENTRY Lycoming O-360-A1B S/N L-12014-27AC N465JA				
				Tach Time: 5605.8 Total Engine Time: unknown TSMO: 1292.7 Drained engine oil and removed oil filter. Cut and inspected filter. No abnormal contaminants noted. Added 8 Qts Aeroshell 100W AD oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. None detected.
				Date: November 12, 2012 DATE: <u>11-12-2012</u> SIGNATURE: 
LEFT ENGINE LOG BOOK ENTRY				
				Flight Hobbs Time: 5644.7 Engine Total Time: unknown Engine SMOH: 1331.6 Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual. Compression checked and was as follows: #1: 75/80 #2: 72/80 #3: 74/80 #4: 73/80. Cleaned and gapped spark plugs. Replaced two spark plugs with new. Tightened loose oil temperature wire. Ops check good. Replaced air filter with new. Repaired baffling as necessary. Replaced flywheel with serviceable flywheel. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.
				Date: <u>January 26, 2013</u> Signed: 
LEFT ENGINE LOG BOOK ENTRY				
				Flight Hobbs Time: 5742.4 Engine Total Time: unknown Engine SMOH: 1429.3 Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual. Compression checked and was as follows: #1: 76/80 #2: 78/80 #3: 75/80 #4: 78/80. Cleaned and gapped spark plugs. Replaced air filter with new. Repaired baffling as necessary. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.
				Date: <u>November 25, 2013</u> Signed: 
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

LEFT ENGINE LOG BOOK ENTRY

Lycoming O-360-A1B ²⁸

S/N L-12014-27AC
N465JA

Date: January 8, 2014

Flight Hobbs Time: 5747.7
Engine SMOH: 1434.6
Engine Total Time: unknown

Install fuel pump P/N: 40295 S/N: 040510 after Overhauled by Aero Accessories, Inc in Gibsonville NC. Under their work order # 10405-0000 dated 11-11-13 on left engine.

Date: Jan 8, 2014

Signed: [Signature]

LEFT ENGINE LOG BOOK ENTRY

Date: May 20, 2014

Flight Hobbs Time: 5827.4
Engine Total Time: unknown
Engine SMOH: 1514.3

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.
Compression checked and was as follows: #1: 74/80 #2: 78/80 #3: 74/80 #4: 77/80.
Cleaned and gapped spark plugs. Replaced gasket under oil dipstick tube
Replaced air filter with new.
Repaired baffling as necessary.
Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.
Engine ran and checked for leaks.
AD's checked through this date.
I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: May 20, 2014

Signed: [Signature]

LEFT ENGINE LOG BOOK ENTRY

Lycoming O-360-A1B ⁰³

S/N L-12014-27AC
N465JA

Date: September 29, 2014

Tach Time: 5873.8
Total Engine Time: unknown
TSMO: 1570.7

Drained engine oil and removed oil filter. Cut and inspected filter. No abnormal contaminants noted. Added 8 Qts Aeroshell 100W AD oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. None detected.

DATE: Sep 29, 2014

SIGNED: [Signature]

LEFT ENGINE LOG BOOK ENTRY

Date: Dec 15, 2014

Flight Hobbs Time: 5922.1
Engine Total Time: unknown
Engine SMOH: 1665.4

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.
Compression checked and was as follows: #1: 74/80 #2: 76/80 #3: 74/80 #4: 76/80.
Cleaned and gapped spark plugs.
Replaced air filter with new.
Repaired baffling as necessary.
Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.
Engine ran and checked for leaks.
AD's checked through this date.
I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: Dec 15, 2014

Signe: [Signature]

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 465JA

Engine Manufacturer Lycoming

Model D-320 A1B

Serial No. L-2148-27AC

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☒ Right ☐ Left
☐ Front ☐ Rear



AEROTECH PUBLICATIONS INC.

SOUTHOLD, NY

FAX: _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Flight Hobbs: 5182.0 Old Left Tach Hours: 2369.3 Engine Total Time: unknown Engine SMOH: 885.0				RIGHT ENGINE LOG BOOK ENTRY Date: June 22, 2009 Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual. Compression checked and was as follows: #1: 74/80 #2: 74/80 #3: 62/80 #4: 60/80. Replaced inoperative vacuum pump with new. Repaired bad wiring for carburetor air temp. Welded small crack on #2 exhaust riser. Tightened loose bolts on generator. Replaced air filter with new. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and has been found to be airworthy at this date. Date: June 22, 2009 Signed: [Signature]
10/14/2009 5225.6 928.6				changed oil & filter. filled w/ Aeroshell w100 & changed filter w/ new CH 48110-1 filter. No old filter. No contaminants noted. Engine run & checked for leaks. None found. [Signature]
				RIGHT ENGINE LOG BOOK ENTRY Date: February 3, 2010 Flight Hobbs Time: 5280.1 Engine SMOH: 983.0 Engine Total Time: unknown Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual. Compression checked and was as follows: #1: 74/80 #2: 70/80 #3: 72/80 #4: 65/80. Replaced air filter with new. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Date: February 3, 2010 Signed: [Signature]
July 1, 2010 5331.9 1034.8				changed oil & filter. cut filter. No contaminants noted. filled w/ 8 gal Aeroshell W100 oil & new CH 48110-1 filter. Engine run & checked for leaks. None found. [Signature]
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
RIGHT ENGINE LOG BOOK ENTRY				
Flight Hobbs Time: 5375.0 Engine SMOH: 1077.9 Engine Total Time: unknown				Date: February 7, 2011
Inspected in accordance with AIRS engine checklist and Lycoming maintenance manual. Compression checked and was as follows: #1: 73/80 #2: 71/80 #3: 73/80 #4: 67/80. Repaired broken Baffling as required Cleaned and gapped spark plugs. Replaced air filter with new. Repaired crack in exhaust by welding. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: February 7, 2011				Signed: [Signature]
8/20/11	54354	old filter changed, filled w/ 8 qt Aeroshell W100 CH48110-1 filter. Engine run checked for leaks. None found. [Signature]		
RIGHT ENGINE LOG BOOK ENTRY				
Flight Hobbs Time: 5465.9 Engine SMOH: 1168.8 Engine Total Time: unknown				Date: January 17, 2012
Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual. Compression checked and was as follows: #1: 72/8 #2: 72/80 #3: 70/80 #4: 66/80. Replaced starter with rebuilt Sky Tec starter p/n 122-NL S/N: CN-450907 Repaired broken baffling as required Replaced engine mount rubbers with new. Replaced carburetor/airbox boot with new p/n: 455-175. Cleaned and gapped spark plugs. Replaced air filter with new. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: January 17, 2012				Signed: [Signature]
Lycoming O-360-A1B S/N L-2148-27AC N465JA				
Tach Time: 5515.8 Total Engine Time: unknown TSMO: 1218.7				Date: March 2, 2012
Drained engine oil and removed oil filter. Cut and inspected filter. No abnormal contaminants noted. Added 8 Qts Aeroshell 100W AD oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. None detected.				
DATE: 3/2/12				SIGNED: [Signature]

RIGHT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5553.2
 Engine SMOH: 1256.1
 Engine Total Time: unknown

Date: June 5, 2012

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.
 Compression checked and was as follows: #1: 72/8 #2: 72/80 #3: 70/80 #4: 72/80.
 Repaired broken baffling as required
 Replaced gasket and tightened oil filler tube.
 Replaced right fuel pump with overhauled p/n: 40295 s/nAA26020
 Replaced damaged oil cooler scat hose with new.
 Cleaned and gapped spark plugs. Replaced air filter with new.
 Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.
 Engine ran and checked for leaks.
 AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: June 5, 2012

Signed: [Signature]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
RIGHT ENGINE LOG BOOK ENTRY Date: June 21, 2012 Flight Hobbs Time: 5567.0 Engine SMOH: 1269.9 Engine Total Time: unknown Replaced vacuum pump with new p/n: 211CC and S/N: 149900. Engine ran and checked for leaks. None found. Aircraft approved for return to service. Date: <u>June 21, 2012</u> Signed: <u>[Signature]</u>				
RIGHT ENGINE LOG BOOK ENTRY Lycoming O-360-A1B S/N L-2148-27AC N465JA Date: November 12, 2012 Tach Time: 5605.8 Total Engine Time: unknown TSMO: 1308.7 Replaced cracked #4 cylinder with overhauled cylinder from Loth Engineering, Inc. in Orlando, FL. P/N 75868, S/N 7918-1. Drained engine oil and removed oil filter. Cut and inspected filter. No abnormality noted. Added 8 Qts Aeroshell 100 mineral oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. DATE: <u>11-12-2012</u> SIGNED: <u>[Signature]</u>				
RIGHT ENGINE LOG BOOK ENTRY Date: January 26, 2013 Flight Hobbs Time: 5644.7 Engine SMOH: 1347.6 Engine Total Time: unknown Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual. Compression checked and was as follows: #1: 73/8 #2: 72/80 #3: 71/80 #4: 73/80. Repaired broken baffling as required Repaired primer line on Cylinder #3. Cleaned and gapped spark plugs. Replaced one spark plug with new. Replaced air filter with new. Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter. Engine ran and checked for leaks. AD's checked through this date. I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Date: <u>January 26, 2013</u> Signed: <u>[Signature]</u>				
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

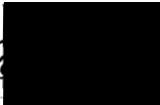
RIGHT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5742.4
 Engine SMOH: 1445.3
 Engine Total Time: unknown

Date: November 25, 2013

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.
 Compression checked and was as follows: #1: 79/80 #2: 75/80 #3: 75/80 #4: 78/80.
 Repaired broken baffling as required
 Adjust and secure primer line from rubbing on oil pan
 Tightened line #1 and #3 oil return line B-nut on the cylinder
 Change prop governor rod-end bolt with new An3-11 bolt
 Moved and secure oil cooler lines from rubbing on each other
 Carb heat cable adjusted from rubbing on cable housing at tip
 Repaired baffling as necessary.
 Cleaned and gapped spark plugs.
 Replaced air filter with new.
 Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.
 Engine ran and checked for leaks.
 AD's checked through this date.
 I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: November 25, 2013

Signed:  

RIGHT ENGINE LOG BOOK ENTRY

Lycoming O-360-A1B ²³

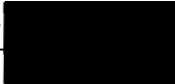
S/N L-2148-27AC
 N465JA

Flight Hobbs Time: 5747.7
 Engine SMOH: 1450.6
 Engine Total Time: unknown

Date: January 8, 2014

Install fuel pump P/N: 40295 S/N: 040509 after Overhauled by Aero Accessories, Inc in Gibsonville NC. Under their work order # 10405-0000 dated 11-11-13 on right engine.

Date: Jan 8, 2014

Signed:  

RIGHT ENGINE LOG BOOK ENTRY

Flight Hobbs Time: 5827.4
 Engine SMOH: 1530.3
 Engine Total Time: unknown

Date: May 20, 2014

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual.
 Compression checked and was as follows: #1: 76/80 #2: 75/80 #3: 74/80 #4: 78/80.
 Repaired broken baffling as required
 Cleaned and gapped spark plugs.
 Replaced air filter with new.
 Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.
 Engine ran and checked for leaks.
 AD's checked through this date.
 I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: May 20, 2014

Signed:  

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TOTALS-Carry forward to next page

RIGHT ENGINE LOG BOOK ENTRY

Lycoming O-360-A1BS/N L-2148-27AC
N465JA

DATE

Tach Time: **5873.8**Date: **September 29, 2014**

IK

Total Engine Time: unknown

TSMO: **1576.7**

Drained engine oil and removed oil filter. Cut and inspected filter. No abnormal contaminants noted. Added 8 Qts Aeroshell 100W AD oil and installed new CH48110-1 oil filter. Engine run up and checked for leaks. None detected.

DATE: Sept 29, 2014

SIGNED: _____

RIGHT ENGINE LOG BOOK ENTRY

Date: **Dec 15, 2014**Flight Hobbs Time: **5922.1**

Engine SMOH: 1625.0

Engine Total Time: unknown

Inspected in accordance with FAR 43 Appendix D and Lycoming maintenance manual,
Compression checked and was as follows: #1: 75/80 #2: 74/80 #3: 74/80 #4: 76/80.

Repaired broken baffling as required

Cleaned and gapped spark plugs. Installed two new fine wire plugs

Replaced air filter with new.

Oil drained and filter removed. No metal found in filter. Refilled with Aeroshell W100 oil and installed new CH 48110-1 oil filter.

Engine ran and checked for leaks.

AD's checked through this date.

I certify that this engine has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: **Dec 15, 2014**

Signed: _____

ATP

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PROPELLER MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 465JA

Propeller Manufacturer Hartzell

Hub Model HC-C2YL-2CUF/FC7663-4

Blade Design No. _____

Hub Serial No. AY626B

Blade Serial No's.

1. _____
2. _____
3. _____
4. _____

Pitch Range:

High _____ Low _____

Feather _____ Reverse _____

Governor Manufacturer _____

Model No. _____

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|--|
| ☐ Right | ☒ Left |
| ☐ Front | ☐ Rear |

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

_____/ SOUTHOLD, NY

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
LEFT PROPELLER LOG BOOK ENTRY				
Old Left Tach Hours: 2369.3 Propeller TTSNEW: 640.0				Date: June 22, 2009
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and has been found to be airworthy at this date.				
Date: <u>June 22, 2009</u>				Signed:
LEFT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5280.1 Propeller TTSNEW: 738.0				Date: February 3, 2010
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: <u>February 3, 2010</u>				Signed:
LEFT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5375.0 Propeller TTSNEW: 832.9				Date: February 7, 2011
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: <u>February 7, 2011</u>				Signed:
LEFT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5465.9 Propeller TTSNEW: 923.8				Date: January 17, 2012
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: <u>January 17, 2012</u>				Signed:
LEFT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5465.9 Propeller TTSNEW: 1011.1				Date: June 5, 2012
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: <u>June 5, 2012</u>				Signed:
SUB-TOTALS this page				
TOTALS —Carry forward to next page				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page LEFT PROPELLER LOG BOOK ENTRY Flight Hobbs Time: 5644.7 Propeller TTSNEW: 1102.6 Date: January 26, 2013 Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Signed: [Signature]				
LEFT PROPELLER LOG BOOK ENTRY Flight Hobbs Time: 5742.4 Propeller TTSNEW: 1200.3 Date: November 25, 2013 Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Signed: [Signature]				
LEFT PROPELLER LOG BOOK ENTRY Flight Hobbs Time: 5827.4 Propeller TTSNEW: 1285.3 Date: May 20, 2014 Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Signed: [Signature]				
LEFT PROPELLER LOG BOOK ENTRY Flight Hobbs Time: 5922.1 Propeller TTSNEW: 1380.0 Date: Dec 15, 2014 Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time. Signed: [Signature]				
SUB-TOTALS this page TOTALS -Carry forward to next page				

PROPELLER MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 465JA

Propeller Manufacturer Hartzell

Hub Model HC-C2YL-2CUF/FC7663-4

Blade Design No. _____

Hub Serial No. AY629B

Blade Serial No's.

1. _____

2. _____

3. _____

4. _____

Pitch Range:

High _____ Low _____

Feather _____ Reverse _____

Governor Manufacturer _____

Model No. _____

Serial No. _____

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☒ Right ☐ Left

☐ Front ☐ Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

SOUTHOLD, NY

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
RIGHT PROPELLER LOG BOOK ENTRY				
Old Left Tach Hours: 2369.3 Propeller TTSNEW: 640.0				Date: June 22, 2009
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and has been found to be airworthy at this date.				
Date: June 22, 2009				Signed: [Signature]
RIGHT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5280.1 Propeller TTSNEW: 738.0				Date: February 3, 2010
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: February 3, 2010				Signed: [Signature]
RIGHT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5375.0 Propeller TTSNEW: 832.9				Date: February 7, 2011
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: February 7, 2011				Signed: [Signature]
RIGHT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5465.9 Propeller TTSNEW: 923.8				Date: January 17, 2012
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: January 17, 2012				Signed: [Signature]
RIGHT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5553.2 Propeller TTSNEW: 1011.1				Date: June 5, 2012
Greased and dressed propeller as necessary. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: June 5, 2012				Signed: [Signature]
RIGHT PROPELLER LOG BOOK ENTRY				
Flight Hobbs Time: 5644.7 Propeller TTSNEW: 1102.6				Date: January 26, 2013
Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.				
Date: January 26, 2013				Signed: [Signature]
TOTALS				

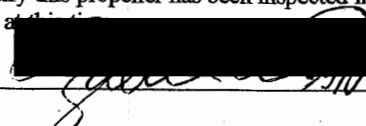
RIGHT PROPELLER LOG BOOK ENTRY

Flight Hobbs Time: 5742.4
 Propeller TTSNEW: 1200.3

Date: November 25, 2013

Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: November 25, 2013

Signed:  

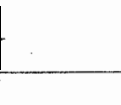
RIGHT PROPELLER LOG BOOK ENTRY

Flight Hobbs Time: 5827.4
 Propeller TTSNEW: 1285.3

Date: May 20, 2014

Greased and dressed propeller as necessary. Retouched paint. No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: May 20, 2014

Signed:  

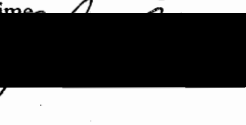
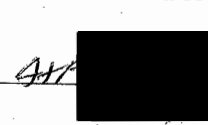
RIGHT PROPELLER LOG BOOK ENTRY

Flight Hobbs Time: 5922.1
 Propeller TTSNEW: 1380.0

Date: Dec 15, 2014

Greased and dressed propeller as necessary. . No leaks noted. I certify this propeller has been inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition at this time.

Date: Dec 15, 2014

Signed:  

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