

*The Standard Engine Log*  
**SE-1**

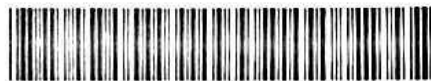
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P N R   A S A - S E - 1



9 781560 271659

# Engine Record General Information

Manufacturer Lycoming Model AE10-360-H1A  
Serial L-26718-51A Type Certificate 1E10  
This engine is currently installed in aircraft 8KCAB N295AC S/N 756-95

Minimum Octane Fuel 91/96 Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_  
Magnetto Time 25° BTC Point Setting \_\_\_\_\_ Firing Order 1-3-2  
Spark Plug Gap \_\_\_\_\_  
Manufacturer recommended overhaul at \_\_\_\_\_ hours

$$652.7 + \text{THC.H} = \text{TT}$$

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.)
25.9		25.9	PERFORMED 25 HOUR INSPECTION. OIL DRAINED INSPECTED AND CLEANED SCREEN. DRAINED INVERTED OIL SYSTEM. SERVICED WITH AEROSHELL 80 NON-DETERGENT. REPLACED ALL TOP PLUG LEAD STAND- OFFS. CLEANED LOWER PLUGS. WASH AND GROUND RUN-UP OK. Christopher R. Hopkins 2216069 IA
54.9		54.9	PERFORMED 50 HOUR INSPECTION. COMPRESSION TEST #1 $7\frac{1}{2}$ / <sub>80</sub> - #2 $7\frac{1}{2}$ / <sub>80</sub> - #3 $7\frac{1}{2}$ / <sub>80</sub> - #4 $7\frac{3}{8}$ / <sub>80</sub> . READINGS TAKEN COLD. PLUGS CLEANED & ROTATED. OIL DRAINED. INSPECTED AND CLEANED SCREEN. DRAINED INVERTED OIL SYSTEM. SERVICED WITH AEROSHELL 15 WSD. WASH AND GROUND RUN-UP OK. Christopher R. Hopkins 2216069 IA

DATE 19__	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. Facility. (See back pages for other specific entries.)
6/11/96	82		82	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH 15W50. REPLACED #3 EXHAUST RISER 11-0864. WASH. RUN-UP OK. Christopher A. Neph 2216069 IA
7/23/96	104		104	COMPRESSION TEST PERFORMED #1 $75\frac{1}{80}$ - #2 $74\frac{1}{80}$ - #3 $74\frac{1}{80}$ - #4 REMOVED AND INSPECTED SCREENS. SERVICED WITH ACROSHELL PLUGS CLEANED. SECURED ALL TOP PLUG LEADS WITH ADAL CO ROD HOUSINGS. EXHAUST SYSTEM REMOVED AND SENT TO FACTORY CHECKS. SYSTEM RE-INSTALLED WITH NEW GASKETS. U/W INJECTOR LINES- NO DEFECTS. DUE AGAIN NEXT ANNUAL, 100 HRS. I Certify That This ENGINE Has Been Inspected in Accordance With A 100 HOUR/ANNUAL Inspection And Determined To Be In An Airworthy Condition.

Christopher A. Neph 2216069 IA

DATE 19__	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.)
8/29/96	124.9		124.9	OIL DRAINED- INSPECTED AND CLEANED SCREEN- SERVICED WITH AEROSHELL 15W50. WASH AND GROUND RUN-UP OK Christopher A. Hopkins 2216069 IA
11/23/96	143.1		143.1	INSPECTED FUEL PUMP 15473 TO COMPLY WITH AD 96-23-03. FOUND SERIAL # 154739505 INSTALLED. DUE TO SERIAL # THIS AD DOES NOT APPLY. Christopher A. Hopkins 2216069 IA
03/03/97	150.7		150.7	Oil changed Installed 8qt 15W-50 Aero shell. Cleaned Oil & Fuel Screens. Washed down & Run Up OK Alan C. Kettner AD-P 2057321

DATE 19__	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 Facility. (See back pages for other specific entries.)
6/14/97	175		175	OIL DRAINED. INSPECTED AND CLEANED SCREEN WITH AEROSHELL 15W50. INSTALLED FACTOR SYSTEM, INCLUDING RISERS CLAMPS, MUFFLER GASKETS. NEW #3 EGT PROBE. WASH AND GROUND Christopher G. Hopkin 2216069-IA
7/30/97	196.4		196.4	COMPRESSION TEST PERFORMED #1 <sup>75</sup> / <sub>80</sub> - #2 <sup>76</sup> / <sub>80</sub> - #3 <sup>75</sup> / <sub>80</sub> CLEANED. OIL DRAINED. INSPECTED AND CLEANED SCREEN WITH AEROSHELL 15W50. TIMING RESET. WASH AND GR C/WAD 93 02 05 INT LINES NO DEFECTS DUE AGAIN IN 12 M
I Certify That This <u>ENGINE</u> Has Been				11 <u>Christopher G. Hopkin</u>
Inspected in Accordance With <u>AN ANNUAL</u>				<u>2216069 IA</u>

Inspection And Determined To Be In Airworthy Condition.

RECORDING ACH ME	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.)
250		250	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH AERUSHELL 15 WSD. WASH AND GROUND RUN-UP OK. Christopher G. Hefner 2216069 IA
279.6		279.6	OIL DRAINED INSPECTED AND CLEANED SCREEN. SERVICED WITH AERUSHELL 15 WSD. WASH AND GROUND RUN-UP OK. Christopher G. Hefner 2216069 IA

[illegible]



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.)
306.2		306.2	OIL DRAINED INSPECTED AND CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50 WASH AND GROUND RUN-UP OK. Christopher C. Hyatt 2216069 IA
325		325	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50. WASH AND GROUND RUN-UP OK. Christopher C. Hyatt 2216069 IA
350.7		350.7	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50. CLEANED FUEL NOZZLES. C/W AD 93-02-05 NO DEFECTS. FABRICATED FLEXIBLE MANIFOLD PRESSURE SENSE LINE CYL TO GAUGE. WASH AND GROUND RUN-UP OK. Christopher C. Hyatt 2216069 IA

DATE 19__	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. (See back pages for other specific entries.)
7/15/99	374.4		374.4	OIL DRAINED INSPECTED AND CLEANED SCREEN. SERVED AEROSHELL 15 W50. WASH AND GROUND RUN-UP OK. Christopher A. Nephin 2216069-FA
8/1/99	374.5		374.5	COMPRESSION TEST #1 $7\frac{1}{80}$ - #2 $7\frac{1}{80}$ - #3 $7\frac{1}{80}$ - #4 $7\frac{3}{80}$ . PL PERFORMED LYCOMING #B 388B VALVE TRAIN INSPECTION VALVE COVER GASKETS NEW #3 FGT PROBE NEW INDUCTOR ELEMENT BA 8103-1. GROUND RUN-UP OK. I Certify That This ENGINE Has Been Inspected in Accordance With AN ANNUAL Inspection And Determined To Be In An Airworthy Condition. Christopher A. Nephin 2216069-FA

### 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.)

OIL DRAINED. INSPECTED SCREEN. SERVICED WITH AEROSHELL  
15W50 WASH AND GROUND RUN-UP OK.  
Christopher D. Naph 2216069IA

OIL DRAINED CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50.  
WASH AND GROUND RUN-UP OK. Christopher D. Naph 2216069IA

5.6 Changed Oil & cleaned screen. Installed  
8 qts of 15W-50 Aeroshell. Magn, starter, alt, &  
Fuel system, Induction system & Exhaust system All insp  
& serviced as needed. Compression checked 1.80%  
2.80% 3.80%. Spark plugs cleaned & Gapped.  
(cont.)

DATE 19__	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 Tech Facility. (See back pages for other specific entries.)
08-07-00	(cont)			Engine washed down & Tighter in general. Run Up & Leak checked OK AD 93-02-05 and 39-8487 eff 06 Fuel injection Lines & clamps. Inspected per Service Bulletin No 342A. Inspection due per (C) I certify that this Engine inspected in accordance with <u>92A</u> inspection and was determined to be in condition. TACH <u>4145.6</u> Signed <u>Alan C. Kettner</u> <u>IA205</u>

DATE <u>3000</u>	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.)
11/27/00	477.9		477.9	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50. GROUND RUN-UP OK. Christopher G. Noplin 2216069 IA
5/3/01	499.3		499.3	OIL DRAINED INSPECTED AND CLEANED SCREEN. SERVICED WITH AEROSHELL 15W50. PLUGS CLEANED. WASH AND GROUND RUN-UP OK. Christopher G. Noplin 2216069 IA
8/24/01	525		525	COMPRESSION TEST #1 $7\frac{1}{2}/80$ - #2 $7\frac{5}{8}/80$ - #3 $7\frac{3}{8}/80$ - #4 $7\frac{3}{8}/80$ . PLUGS CLEANED. OIL DRAINED INSPECTED AND CLEANED SCREENS. SERVICED WITH AEROSHELL 15W50. NEW INDUCTION ELEMENT BA8103-1. AIRBOX INLET DUCT 7-1475-5. C/W AD 93-02-05

DATE 19__	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.)
				FUEL INJECTION LINES - NO DEFECTS, WASH AND GROUND RUN-UP OK.
				I Certify That This <u>ENGINE</u> Has Been
				Inspected in Accordance With <u>AN ANNUAL</u>
				Inspection And Determined To Be In An Airworthy Condition.
				<u>Christopher A. Nephew 2216069 IA</u>
6/4/02	550.7		550.7	DIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED WITH/
				AEROSHELL 15W50. WASH & GROUND RUN-UP OK.
				<u>Christopher A. Nephew 2216069 IA</u>

TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
73	COMPRESSION TEST #1 72/80 #2 77/80 #3 78/80 #4 76/80. NEW PLUGS (8)
	REM 38E. INDUCTION ELEMENT 8A8103-1. ENGINE MOUNTS J6230-1
	ALTERNATOR BELT 37A19773-376. THROTTLE ROD END. CLEANED FUEL
-0-	NOZZLES. DESLUDGED CRANKSHAFT. C/W AD 93-02-05 INJECTOR LINES
	NO DEFECTS WASH AND GROUND RUN-UP OK.
	I Certify That This <u>ENGINE</u> Has Been
	Inspected in Accordance With <u>AN ANNUAL</u>
	Inspection And Determined To Be In An Airworthy Condition.
	<u>Christopher A. Neph</u> 22160695A

DATE 19__	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. Facility. (See back pages for other specific entries.)
6/15/03	594.3		594.3	OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED AEROSHELL 15W50. WASH AND GROUND RUN-UP OK. Christopher A. Hopkins 2216069JA
12/17/03	624.9		624.9	COMPRESSION TEST #1 $7\frac{1}{80}$ #2 $7\frac{5}{80}$ #3 $7\frac{5}{80}$ #4 $7\frac{1}{80}$ PLUGS C NOZZLES CLEANED. OIL DRAINED. INSPECTED AND CLEANED SCREEN SERVICED WITH AEROSHELL 15W50. NEW INDUCTION ELEMENT BA REPLACED LEFT MAG BASE & ADAPTER GASKETS (WAD) 02-26- FUEL INJECTOR LINES. NO DEFECTS DUE AGAIN IN 12 MONTHS. W GROUND RUN-UP OK. I Certify That This ENGINE Has Been Inspected in Accordance With AN ANNUAL Inspection And Determined To Be In An Airworthy Condition. Christopher A. Hopkins 2216069JA





TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
645.9	OIL DRAINED. INSPECTED AND CLEANED SCREEN. CLEANED PLUGS SERVICED WITH AEROSHELL 15W50. WASH AND GROUND RUN-UP OIL. Christopher R. Nephew 2216069FA
652.7	COMP TEST #1 80/73 #2 80/73 #3 80/75 #4 80/72 MAG TIMING CKD TO 25° BTC SPARK PLUGS CLEANED AND CHECKED. FUEL SCREEN & GASKET REPLACED. FUEL SYSTEM FLUSHED, CLEANED ENG COMPT. REPAIRED LEFT REAR BAFFLE BRACKET PN. 1-10391-A INSTALLED. REPLACED AIR INLET BOOT PN 7-1475-5. INSP PROP HUB FOR CONDITION AND OPERATION. INSP MUFFLER

[illegible]

TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	670.6	COMPRESSION TEST #1 $75/60$ - #2 $74/60$ - #3 $74/60$ - #4 $77/60$ . PLUGS CLEANED OIL DRAINED INSPECTED AND CLEANED SCREENS. SERVICED WITH AGROSHELL 15W50. REPAIRED BAFFLE #4 CYLINDER TO OIL COOLER. REPLACED #3 INTAKE HOSE AND GASKET. ADJUSTED ALTERNATOR BELT TENSION - REPLACED ALTERNATOR BRUSHES. ALE 1013 AH. GREASED PROPELLOR HUB #6. C/W AD 2002-26-01 FUEL INJECTION LINES. NO DEFECTS. DUE AGAIN IN 12 MONTHS OR IF SERVICED. AD'S THROUGH 2607-01 CHECKED FOR COMPLIANCE
By That This <u>ENGINE</u> Has Been Inspected in Accordance With A <u>MANUAL</u> and Determined To Be In An Airworthy Condition		<p>             The aircraft/engine/prop/component identified above was repaired              and/or inspected in accordance with current FAA Regulations and              was Approved for Return to Service. Pertinent details of the repair/              inspection are on file at the agency under,              Work Order # <u>10416</u> Date: <u>1/29/07</u>              Signed <u>[Signature]</u> for Portage Flight Center, LLC              4039 Nanway Blvd.              Ravenna, Ohio 44266              FAA Certified Repair Station #B16R802H           </p>

[illegible]

RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations	or Repair
			The engine identified hereon was disassembled and inspected in accordance with the manufacturer's recommendations and instructions. All applicable manufacturer service bulletins and airworthiness directives have been complied with. The engine was reassembled with new camshaft and tappet bodies, crankshaft and connecting rod bearings, gaskets, seals, connecting rod bolts and nuts and crankshaft gear bolt with locking tab. This action complies with Airworthiness Directive 2004-10-14. Cylinders and pistons were disassembled, cleaned, inspected and reassembled. Honed cylinder bores and installed new piston rings. Disassembled, inspected, reassembled and installed magnetos.	
			Details of this inspection and repair are on file at this repair station under Work Order No. 17673.	
			Engine Model: AEIO-360-H1A Serial #: 1-26718-51A	
			Total Time: 670.6 SMOH: 670.6	
			Date: 03-17-2007	
				
			Authorized Signature _____	
			 FAA Repair Station H01R-109K Hampton Roads Airport 5198 W. Military Highway Chesapeake Virginia 23321 (757) 488-2898 Office (757) 488-7926 Fax	

DATE 2007 10	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. Facility. (See back pages for other specific entries.)
4/12/07	17.9		670.6	ENGINE INSTALLED IN N295AC BK CAB #756-93
				INSPECTION AND REPAIR. SERVICED WITH AEROSHELL 1.
				INSTALLED NEW ALTERNATOR BELT 37A19773-376.
				RUN-UPS OK AD'S THROUGH 2007-07 CHECKED
				COMPLIANCE. C/W AD 2002-26-D1 INSPECTION LINES
				DUE AGAIN IN 12 MONTHS OR IF SERVICED.
				I Certify That This ENGINE Has Been
				Inspected in Accordance With <u>AN</u> ANNUAL
				Inspection And Determined To Be In An Airworthy Condition
				Christopher A. Huph- 2216069 IA

**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.)

OIL DRAINED INSPECTED AND CLEANED SCREEN. SERVICED WITH  
AEROSHELL 100 MINERAL GROUND RUN-UP OIL

The aircraft/engine/prop/component identified above was repaired  
and/or inspected in accordance with current FAA Regulations and  
was Approved for Return to Service. Pertinent details of the repair/  
inspection are on file at the agency under,

Work Order #: 10477 Date: 5/7/07  
Signed: Chris Lyle, A&P for Portage Flight Center, LLC  
4039 Nanway Blvd.

FAA Certified Repair Station #D1CR802H Ravenna, Ohio 44266

[illegible]



DATE 2009 19	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.)
7/14/09	46.3		699	COMPRESSION TEST #1 79/60- #2 77/60- #3 78/60- #4 79/60- PLUGS CLEANED. OIL DRAINED. INSPECTED AND CLEANED SCREENS. SERVICED WITH ALROUSHELL 100 MINERAL. NEW INDUCTION ELEMENT BAB103-1. C/W AD 2008-14-07 FUEL INJECTION LINES. NO DEFECTS DUE AGAIN IN 100 HOURS. AD'S THROUGH 2009-14 CHECKED. WASH AND GROUND RUN-UP OK.
I Certify That This ENGINE Has Been				
Inspected in Accordance With AN <u>ANNUAL</u>				
Inspection And Determined To Be in An Airworthy Condition				
				The aircraft/engine/prop/component identified above was repaired and/or inspected in accordance with current FAA Regulations and was Approved for Return to Service. Pertinent details of the repair inspection are on file at the agency under, Work Order # <u>10835</u> Date: <u>7/14/09</u>
				Signed <u>Christopher C. Nye</u> for Portage Flight Center, LLC 4039 Nanway Blvd. FAA Certified Repair Station #B16R802H Ravenna, Ohio 44266



DATE 19__	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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11/2/2011 N295AC AEIO-360-HIA #L-26718-51A 81.7 TACH 734.4 TT  
 COMPRESSION TEST #1-75/80 #2-76/80 #3-77/80 #4-75/80. PLUGS CLEANED &  
 GAPPED. OIL DRAINED. INSPECTED AND CLEANED SCREEN. SERVICED  
 WITH AEROSHELL 15W50. INSTALLED NEW INDUCTION ELEMENT BA8103-1.  
 C/W AD2008-14-07 INJECTION LINES. NO DEFECTS. DUE AGAIN IN 100 HOURS  
 OR IF SERVICED. AD'S THROUGH 2011-23 CHECKED FOR COMPLIANCE. WASH  
 AND GROUND RUN UP OK..

I Certify That This ENGINE Has Been  
 Inspected In Accordance With An ANNUAL  
 Inspection And Determined To Be In An Airworthy Condition

The aircraft/engine/prop/component identified above was repaired  
 and/or inspected in accordance with current FAA Regulations and  
 was Approved for Return to Service. Pertinent details of the repair/  
 inspection are on file at the agency under,  
 Work Order #: 11203 Date: 11/2/11  
 Signed [Signature] for Portage Flight Center, LLC  
 4039 Nanway Blvd.  
 FAA Certified Repair Station #B162022B Ravenna, Ohio 44266

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Inspections, Tests, Repairs and Alterations  
105 Newton Road, Suite 111  
Lawrenceville, GA 31701 229.434.9177

in or Repair

N295AC  
sn 756-95  
sn L-26718-51A

Tack 98.3

Right magnetos using new Slick 4371 assy's  
Set timing @ 25 deg.  
RSA-5D1 fuel servo after repairs by Mike's Fuel  
Set & adjusted idle mixture & RPM. Ground run up  
and satisfactory, no leaks noted.  
Or return to service.

Philip M Connor A&P 594203699

DATE

RECORDING

TODAY'S

TOTAL

Description of Inspection

19\_\_

TACH  
TIME

Technician or Repair

**ANGLES of  
AMERICA Inc.**Southwest Georgia Regional Airport  
3905 Newton Road, Suite 111  
Albany, GA 31701 229.434.9177

DATE: 9/10/13

N295AC

American Champion 8KCAB

S/N 756-95

Tach: 109.2

Lycoming AEIO360-H1A

S/N L-26718-51A

Removed cowling, changed oil and cleaned oil screen. Refilled with 7qts Aeroshell 100W Plus. Removed fitting from bottom of inverted oil system tank, cleaned, sealed and reinstalled fitting. Ground run aircraft. No leaks or defects noted. Return to service.



Philip M Connor A&amp;P594203699

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

**ANGLES**  
**AMERICA** *Inc.*

Southwest Georgia Regional Airport  
3905 Newton Road, Suite 111  
Albany, GA 31701 229.434.9177

DATE: 3/04/14

N295AC

American Champion 8KCAB  
Lycoming AEIO 360-H1A

sn 756-95 Tack 130.4  
sn L-26718-51A

Removed engine cowlings & drained the crankcase, Refilled with 7 qts Aeroshell 100+ oil. Removed & cleaned both oil strainer screens, lubricated all engine controls, & inspected the engine.

Tested compression :

#1 73/80 #2 72/80 #3 74/80 #4 74/80

Installed the cowlings & operated the engine to normal temperature, operation satisfactory & no leaks noted. Released the aircraft for return to service.

*William R. Acker*  
William R Acker ap 257689405

DATE

18 \_\_\_\_

RECORDING

TACH  
TIME**ANGLES<sup>of</sup>  
AMERICA** Inc.Southwest Georgia Regional Airport  
3905 Newton Road, Suite 111  
Albany, GA 31701 229.434.9177

Date: 5/1/2014

N295AC

Tach: 133.3

Lycoming AEIO 360 H1A

S/N: L-26718-51A TSNEW: 786.0

Performed 100hr inspection using American Champion and Lycoming Service Instructions. Removed all spark plugs, installed 8 New UREM38E plugs. Checked mag timing and inspected ignition harness. Removed and cleaned fuel nozzles. Installed new BA 8103-1 air filter. Cleaned all fuel screens. Inspected all induction hoses and gaskets. Inspected muffler and all exhaust system. Inspected all scat ducting and engine fluid hoses. Lubricated engine controls and checked movement. CW AD 2011-26-04 on fuel injection lines and mounting clamps. Due again at 233.3 Tach.

*- continue next page -*



19. \_\_\_\_\_

## RECORD TACH TIME

#1 76/80 #2 75/80 #3 79/80 #4 78/80

No current AD's noted as of this date via ATP. Ground run engine. No leaks or defects noted. Oil not changed at this time due to low hours since last oil change. Return engine to service.

I certify that this Engine has been inspected in accordance with an Annual Inspection and was found to be in a airworthy condition as of this date.

*[Signature]*

Philip M Connor A&amp;P594203699IA

### chnician or Repair

DATE 19__	RECORDING TACH TIME	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	Technician or Repairman
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**ANGLES**  
**AMERICA** *Inc.*

Southwest Georgia Regional Airport  
3905 Newton Road, Suite 111  
Albany, GA 31701 229.434.9177

Date: 10/21/14  
Lycoming AEIO360H1A

N295AC  
S/N: L-26718-51A

Tach: 151.2

Drained crankcase and removed oil screen. Refilled with 7qts Aeroshell 100plus. Inspected oil screen for debris, none found. Reinstalled oil screen. Ground run aircraft no leaks noted. Return to service.



Philip M Connor A&P594203699

DATE 19__	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.)
6-1-15	174.6		827.3	TT 5MAH 156.7
				PERFORMED A 100 hr INSPECTION USING
				LYCOMING & AMERICAN CHAMPION SERVICE INSTRUCTIONS
				& 100 hr CHECK LIST.
				NO CURRENT AD'S NOTED VIA ATP
				CW AD 2011-26-04 FUEL LINE CLAMP.
				COMPRESSOR TESTED
				#1 74/80 #2 73/80 #3 74/80 #4 74/80
				REMOVED & CLEANED FUEL SCREENS & STRAINERS.
				CLEANED & SERVICED FUEL NOZZLES, LUBRICATED
				& INSPECTED ALL ENGINE CONTROLS, INSPECTED
				MUFFLER & HEAT MUFF

DATE 19__	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>CLEANED, INSPECTED &amp; TESTED ALL SPARK PLUGS.</p> <p>CHECKED MAG TIMMING @ 25°</p> <p>DRAINED THE CRANKCASE &amp; REFILLED WITH</p> <p>7 QTs AEROSHELL 100 + OIL, REMOVED</p> <p>&amp; CLEANED SUCTION &amp; PRESSURE SCREENS.</p> <p>INSTALLED A NEW BA 8103-1 FILTER Etc.</p> <p>INSPECTED ALL ACCESSORIES, HOSES, MOUNTS</p> <p>&amp; IRVING. GROUND RUN SATISFACTORY, NO</p> <p>LEAKS NOTED, RELEASED THE ENGINE FOR RETURN</p> <p>SERVICE, I CERTIFY THIS ENGINE HAS BEEN</p> <p>INSPECTED IAW AN ANNUAL INSPECTION &amp; FOUND</p> <p>TO BE IN AIRWORTHY CONDITION AS OF THIS DATE</p> <p>William R. Coker AP 257689405 IA</p>

DATE 19__	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.)
8/21/15	1934.1			Changed oil. Serviced w/ 8qts Phillips 20w-50X/C.
				Cleaned oil screen. Screen chk good. Replaced
				gasket at oil filler neck (72059)
				Cameron Forester AP3679173
				<del>Cameron Forester</del> AP3679173
4/2/16	207.3		860.0	CHANGED ENGINE OIL + CHECKED SCREENS.
				SERVICED WITH 7QTS PHILLIPS 20W50.
				TIGHTENED AND RE-SAFETIED OIL DIPSTICK
				TUBE. ENGINE CLEANED, RUN UP, AND
				LEAK CHECKED. <i>A. Del</i>
				ATP 3466466 1A

Date: 8/1/2016

N295AC

Tach: 232.5

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 885.2

Performed 100 hour inspection and lubrication per American Champion inspection checklist.

Compression test: #1 75/80 #2 76/80 #3 78/80 #4 77/80 Changed engine oil. Serviced with 7 quarts Phillips 20W50 and ASL Camguard oil additive. Installed B&C Specialty Products oil filter adaptor and CH48108 oil filter. See 337 form this date. Cleaned and gapped spark plugs. Replaced #4 upper spark plug with Champion REM38E. Replaced #4 lower ignition lead hardware with Slick M6203 hardware kit. Timed magnetos. Replaced connector on right P-lead. Cleaned fuel injectors. C/W AD 2015-19-07 by inspection. Replaced 714755 air intake tube. Replaced BA8103-1 air filter element.

I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition as of this date. This inspection was performed to meet the FAA requirement for an annual inspection and in no way guarantees the future airworthiness of the engine.



John Bellandi A&P 3466466 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 9/25/2016

N295AC

Tach: 254.3

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 907.0

Replaced P/N 1-9165-7 mixture control cable. Removed manifold pressure gauge. Cleaned manifold pressure line and dampener screw per American Champion service instructions. Engine test run for functional check of mixture control and manifold pressure gauge.



John Bellandi A&P 3466466 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 11/27/2016

N295AC

Tach: 269.1

Lycoming AEIO-360-H1A

S/N: L-26718-51A


TTSN: 921.8

Changed engine oil and filter. Serviced with 7quarts Phillips XC 20W50 and 10 ounces of ASL Camguard. Installed new Champion CH4810&-1 oil filter. Engine test run and leak checked.



John Bellandi A&P 3466466 IA



DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair</small>
Date: 03/26/2017			N295AC	Tach: 286.2
Lycoming AEIO-360-H1A			S/N: L-26718-51A	TTSN: 938.9
<p>Changed engine oil and filter. Serviced with 7quarts Phillips XC 20W50 and 10 ounces of ASL Camguard. Installed new Champion CH4810A-1 oil filter. Old oil filter was opened and found to be free of contaminants. Engine was test run and leak checked ok.</p> <p>Repaired right front baffle seal</p> <p>Replaced missing washer, lock washer, and nut on oil cooler mount</p> <p>Re-secured engine breather tube</p> <p></p> <p>John Bellandi A&amp;P 3466466 IA</p>				

DATE 19__	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. (See back cover for other specific entries.)
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Date: 9/4/2017

N295AC

Tach: 297.1

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 949.8

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
 Compression test: #1 78/80 #2 80/80 #3 80/80 #4 80/80 Changed engine oil & filter. Serviced with  
 7 quarts Phillips 20W50 and ASL Camguard oil additive. Installed new CH48108-1 oil filter. Checked  
 old filter for contamination, none found. Checked and rotated spark plugs. Reinstalled with new  
 gaskets. Timed magnetos. Cleaned fuel injectors. Replaced BA8103-1 air filter element. AD's checked  
 through 2017-17

I certify that this engine has been inspected in accordance with an annual inspection and was found  
 to be in airworthy condition as of this date. This inspection was performed to meet the FAA  
 requirement for an annual inspection and in no way guarantees the future airworthiness of the  
 aircraft.



John Bellandi A&P 3466466 IA

DATE 19__	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: 2/4/2018

N295AC

Tach: 301.9

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 954.6

Changed engine oil. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard  
Engine was test run and leak checked ok



John Bellandi A&P 3466466 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 6/15/2018

N295AC

Tach: 306.6

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 959.3

Changed engine oil. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard  
 Engine was test run and leak checked ok



John Bellandi A&P 3466466 IA

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Date: 11/2/2018

N295AC

Tach: 311.9

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 964.6

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 80/80 #2 80/80 #3 80/80 #4 78/80 Changed engine oil & filter. Serviced with  
7 quarts Phillips 20W50 and ASL Camguard oil additive. Installed new CH48108-1 oil filter. Checked  
old filter for contamination, none found. Cleaned and rotated spark plugs. Reinstalled with new  
gaskets. Timed magnetos. Cleaned fuel injectors. Replaced BA8103-1 air filter element. AD's checked  
through 2018-21

I certify that this engine has been inspected in accordance with an annual inspection and was found  
to be in airworthy condition as of this date. This inspection was performed to meet the FAA  
requirement for an annual inspection and in no way guarantees the future airworthiness of the  
aircraft.

  
John Bellandi A&P 3466466 IA

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 5/24/2019

N295AC

Tach: 318.8

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 971.5

Changed engine oil and filter. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard. Installed new CH48108-1 oil filter. Checked old oil filter for contamination, none found. Engine was test run and leak checked ok



John Bellandi A&P 3466466 IA

**Date: 01/01/2020**

**N295AC**

**Tach: 326.1**

**Lycoming AEIO-360-H1A**

**S/N: L-26718-51A**

**TTSN: 978.8**

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 74/80 #2 80/80 #3 77/80 #4 78/80 Changed engine oil & filter. Serviced with  
6 quarts Phillips 20W50 and ASL Camguard oil additive. Installed new CH48108-1 oil filter. Checked  
old filter for contamination, none found. Cleaned, gapped, and rotated spark plugs. Reinstalled with  
new gaskets. Timed magnetos. Cleaned fuel injectors. Replaced BA8103-1 air filter element.

Complied with AD 2015-19-07 by inspection. AD's checked through 2019-25

I certify that this engine has been inspected in accordance with an annual inspection and was found  
to be in airworthy condition as of this date. This inspection was performed to meet the FAA  
requirement for an annual inspection and in no way guarantees the future airworthiness of the  
aircraft.



**John Bellandi A&P 3466466 IA**

Date: 6/11/2020

N295AC

Tach: 339.8

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 992.5

Changed engine oil. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard.  
Inspected oil filter element for contamination. None found. Engine was test run and leak checked ok



John Bellandi A&P 3466466 IA

Date: 1/1/2021

N295AC

Tach: 350.0

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 1002.7

Changed engine oil. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard.  
Inspected oil filter element for contamination. None found. Engine was test run and leak checked ok



John Bellandi A&P 3466466 IA



Date: 02/07/2021

N295AC

Tach: 351.4

Lycoming AEIO-360-H1A

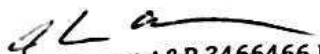
S/N: L-26718-51A

TTSN: 1004.1

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 76/80 #2 78/80 #3 77/80 #4 78/80 Cleaned, gapped, and rotated spark plugs.  
Reinstalled with new gaskets. Timed magnetos. Cleaned fuel injectors. Replaced BA8103-1 air filter  
element.

Complied with AD 2015-19-07 by inspection. AD's checked through 2021-03

I certify that this engine has been inspected in accordance with an annual inspection and was found  
to be in airworthy condition as of this date. This inspection was performed to meet the FAA  
requirement for an annual inspection and in no way guarantees the future airworthiness of the  
aircraft.

  
John Bellandi A&P 3466466 IA

Date: 6/20/2021

N295AC

Tach: 359.5

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 1012.2

Changed engine oil. Serviced with 6 quarts Phillips XC20W50 and 10 ounces of ASL Camguard  
Inspected oil filter element for contamination. None found. Engine was test run and leak checked.



John Bellandi A&P 3466466 IA

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**Date: 03/19/2022**

**N295AC**

**Tach: 368.2**

**Lycoming AEIO-360-H1A**

**S/N: L-26718-51A**

**TTSN: 1020.9**

**Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 78/79 #2 79/80 #3 72/80 #4 78/80. Replaced #3 rocker cover due to internal corrosion. Replaced rocker cover gaskets on all four cylinders. Replaced spark plugs with Champion REM38E spark plugs and new gaskets. Timed magnetos. Changed engine oil & filter. Serviced with 7 quarts Phillips 20W50, Camguard additive and AA48108-2 oil filter. Inspected oil filter element for contamination, none found. Replaced BA8103-1 air filter element. Replaced missing baffle seal rivets. Replaced exhaust riser clamps on all four cylinders with A0750161**

**Complied with AD 2015-19-07 by inspection. AD's checked through 2022-06**

**I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition as of this date. This inspection was performed to meet the FAA requirement for an annual inspection and in no way guarantees the future airworthiness of the aircraft.**



**John Bellandi A&P 3466466 IA**

Date: 03/11/2023

N295AC

Tach: 378.6

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 1031.3

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 77/79 #2 79/80 #3 77/80 #4 79/80. Timed magnetos. Changed engine oil &  
filter. Serviced with 7 quarts Phillips 20W50, Camguard additive and AA48108-2 oil filter. Inspected  
oil filter element for contamination, none found. Replaced BA8103-1 air filter element. Tightened  
exhaust riser clamps on all four cylinders.

Complied with AD 2015-19-07 by inspection. AD's checked through 2023-06

I certify that this engine has been inspected in accordance with an annual inspection and was found  
to be in airworthy condition as of this date. This inspection was performed to meet the FAA  
requirement for an annual inspection and in no way guarantees the future airworthiness of the  
aircraft.



John Bellandi A&P 3466466 IA

DATE  
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

DATE 19__	A.D. NUMBER	TOTAL TIME IN SERVICE	<b>Airworthiness Directives</b> Chronological Listing of Compliance and Method of Compliance
1/23/96	93-02-05	104	INJECTOR LINES - NO DEFECTS
7/23/96	96-09-10	104	OIL PUMPS- DOES NOT APPLY
7/24/98	96-23-03	284.1	FUEL STARVATION DOES NOT APPLY PUMP SERIAL #
7/24/98	97-15-11	284.1	PISTON PIN FAILURE DOES NOT APPLY NO SUBJECT PINS INSTALLED
7/24/98	98-02-08	284.1	CORROSION DOES NOT APPLY HAS CONSTANT SPEED PROPELLER
10/12/98	98-17-11	306.2	CRACKS DOES NOT APPLY SUBJECT CRANKSHAFT NOT INSTALLED

Date: 02/14/2024

N295AC

Tach: 380.9

Lycoming AEIO-360-H1A

S/N: L-26718-51A

TTSN: 1033.6

Performed 100 hour inspection and lubrication per American Champion inspection checklist  
Compression test: #1 75/80 #2 80/80 #3 79/80 #4 78/80.

Cleaned and gapped spark plugs, Re-installed with new gaskets. Timed magnetos.

Changed engine oil & filter. Serviced with 7 quarts Phillips 20W50, Camguard additive and AA48108-2 oil filter. Inspected oil filter element for contamination, none found.

Cleaned fuel injectors.

Replaced air filter element with Brackett P/N BA 8103-1

Complied with AD 2015-19-07 by inspection. AD's checked through 2024-03

I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition as of this date. This inspection was performed to meet the FAA requirement for an annual inspection and in no way guarantees the future airworthiness of the aircraft.



John Bellandi A&P 3466466 IA

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YEAR | RECORDING | TODAY'S | TOTAL

Description of Inspections Tests Repairs and A

ENGINE MODEL: AEIO-360-H1A  
ENGINE S/N L-2671B-51A  
REG NO: N295AC  
WORK ORDER: 11074-01-2025



**J.A. Air Center**

Repair Station No. NF2R029L  
43W730 US RT 30  
Sugar Grove, Illinois 60554  
Phone: 630.584.3200

### Engine Entries

- 2 Completed an Annual Inspection on this engine as per American Champion Aircraft Corporation 8KCAB Service Manual Inspection as a guide, AC 43.13-1B, Chapter 9 and Lycoming Engines AEIO-360 Operators Manual for an Annual Inspection tested as follows; #1-76, #2-78, #3-76, and #4-66. all over 80 PSI. The oil and filter were changed. Opened and inspected 7 Qts of Phillips 20-50 X/C oil and a new AA48108-2 filter. See the following items for additional service and repairs.
- 11 Complied with AD2015-19-07 by inspection of the fuel injection lines and clamps. No defects were found. Next inspection whichever occurs first and any time maintenance is performed where the lines or clamps are disconnected.
- 12 FAA AD 2004-10-14 on crankshaft gear retaining bolts, compliance due after propeller strike as outlined in par. (i) and
- 13 FAA AD 2024-21-02 on Lycoming connecting rod failures does not apply due to affected date range of parts not installed
- 21 Removed all rocker box covers as per 8KCAB annual inspection 100hr. No defects noted, installed rocker box covers replaced one missing screw P/N:STD-1925. Next inspection due 100hr TIS or at next 12 month inspection.

### Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 11074-01-2025

DATE: 01 April, 2025

SIGNED:

Timothy Quigley

Certified Repair Station No. NF2R029L