

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING O-360-C16 L-39914-36A
MAKE MODEL SERIAL
FROM Dec. 01 20 04 TO _____ 20 _____
DETAILING TIME FROM 0.0 TO _____
HOURS HOURS

SSP-1872-1

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October 1994

ED EAGLE AV

ENGINE

PROPELLER

AVIONICS

NEW RECIPROCATING ENGINE CERTIFICATE

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

MODEL O-360-C1G

SERIAL NO. L-39914-36A

DATE

10/8/84


(AUTHORIZED REPRESENTATIVE)

LYCOMING

A Textron Company

LYCOMING ENGINES

652 Oliver Street

Williamsport, PA 17701 U.S.A.

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

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place	Williamsport, PA 17701	Date	12-01-04
Type		Model	O-360-C1G	Serial No.	L-39914-36A
Rated H.P.	180	Max. H.P.	180	Weight (Dry)	292 LBS.
Rated R.P.M.	2700	Max. R.P.M.	2700	Oil Pressure	90 PSI
Bore	5.125	Stroke	4.375	Displacement	361.0 Cu. In.
Compression Ratio	8.5:1	Supercharger Ratio			
Reduction Gear Ratio					
Propeller	MTV-9-B/190-18a	Hub Design	MTV-9-B	Hub Serial No.	04689
Blade Design	190-18a	Blade Serial No.	VG-20745	Blade Serial No.	VG-20746 VG-20747
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

ENGINE LOG

Serial No. L-39914-36A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Date: 12/1/2004

Tach time: 0.0

This engine s/n: L-39914-36A model O-360-C1G was installed on this aircraft s/n: 464-2004, model 8GCBC this date.

for AMERICAN CHAMPION AIRCRAFT

PC333CE

[Signature]

DATE 1/25/2005, TACH 13.4, ETT 13.4

DRAINED THE ENGINE OIL AND REMOVED THE OIL SCREEN AND HOUSING, NO METAL FOUND IN THE SCREEN. REMOVED ALL 4 CYLINDERS FOR PORTING AND FLOW MATCHING, REINSTALLED THEM W/NEW GASKETS. INSTALLED A B&C BC700 OIL FILTER ADAPTER W/ A CH48108 OIL FILTER AND 7 QUARTS OF 20-50 PHILLIPS M OIL, LEAK CHECK OK. STEVE TUBBS

[Signature]

519684551AP

Page Total

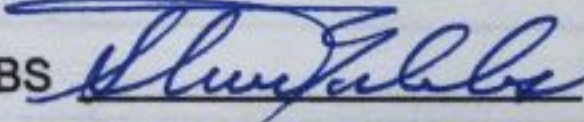
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Total to Date

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

ENGINE LOG

Serial No. _____

Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Hrs	Min			
		DATE 3/24/2005, TACH 31.3, ETT 31.3 DRAINED THE ENGINE OIL, REMOVED THE OIL FILTER. CUT OPEN THE OIL FILTER FOR INSPECTION, NO METAL FOUND. INSTALLED 7 QUARTS 2050 PHILLIPS MINERAL OIL AND CH48108-1 OIL FILTER. INSTALLED A NEW OIL PRESSURE SENSOR HOSE #624000-3-0104, DUE TO AN OIL LEAK.		
		STEVE TUBBS  519684551 AP		

ENGINE MODEL:
ENGINE S/N:
REG. NO: N780DM
WORK ORDER: 5081



Ruby Valley Aviation L.C.

75 Airport Road
Twin Bridges, Montana 59754
Phone: 406-684-5335

DATE: 8/31/2005
A/C TSN: 79.7
ENG TT: 79.7
TACH: 79.7

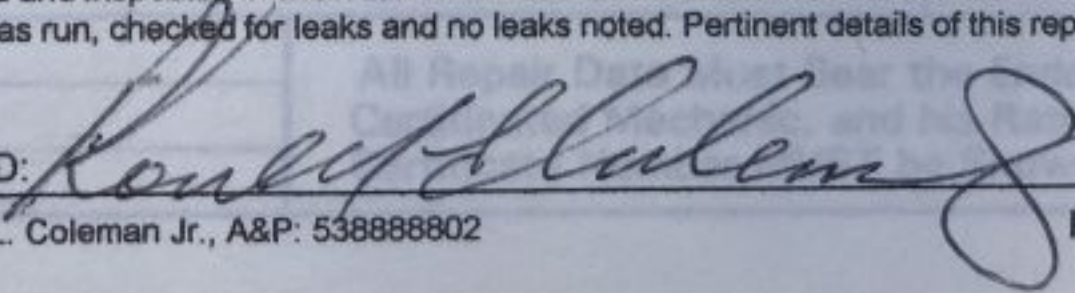
Engine Entries

(1) Changed oil using Exxon Elite 20w/50 oil. Filter removed, checked for contamination and none found. Installed new filter. Engine washed with solvent, run, checked for leaks and o.k..

The items identified above were repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Engine was run, checked for leaks and no leaks noted. Pertinent details of this repair are on file at this repair facility under Work Order Number identified below.

DATE: 8/31/2005

SIGNED:


Ronald L. Coleman Jr., A&P: 538888802

Work Order: 5081

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p> N 780DM TACH 112.6 CHANGE OIL & FILTER OPEN & INSP OK. TIGHTEN OIL COOLER LOWER B-NUT INSULATE TWO IGN LEADS. <i>Amie Sam</i> #2561940 </p>		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date



**ARLIN'S AIRCRAFT
SERVICE, INC.**

36 GALLATIN FIELD BELGRADE, MT (KBZN)
PHONE: 406-388-1351 FAX: 406-388-7417

Signature

Lic
Num

DATE	REGISTRATION	ENGINE	SERIAL#	TAC & TOTAL TIME
27 JULY 07	N780DM	0360-C1G	L39914-36A	309.8

Inspection completed this date. Checked compression. Cleaned plugs. Checked mag timing. Changed oil and filter. Pressure checked exhaust system. Removed both mags. Adjusted points right mag. Replaced points and condenser in left mag. Timed mags to engine. Checked alternator and starter. Replaced all valve cover gaskets. Repaired carb air box arm. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in an air worthy condition.

Arlin C. Wass A&P 1340061

Page Total

Brought Forward

Total to Date

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

ENGINE LOG

Serial No. _____



3653 Rickenbacker Street, Suite

Boise, ID 83705

208-345-3730

Make: ACA
 Model: C8GCBC
 S/N: 464-2004
 212
 Reg. Number: N780DM

Date: 02/19/2008

Tach: 388.8 338.8 cwh

Hobbs: NA

Engine Logbook Entry

Drained oil and replaced filter with Ch48108-1 Filter opened and inspected oil filter –No Contaminates Noted.

Serviced with 8 quarts of Exxon Elite 20w50. Run up leak check satisfactory, no defects noted.

This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Craig W. Morfitt
 A&P 3240362

Craig W. Morfitt

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No. _____

Make: ACA
Model: C8GCBC
S/N: 464-2004
Reg. Number: N780DM

Date: 08/21/2008
Tach: 368.4
Hobbs: NA

JETSTREAM
AVIATION

3653 Rickenbacker Street, Suite 212
Boise, ID 83705
208-345-3730

Engine Logbook Entry

Performed a 100 Hour/Annual inspection meeting the requirements of FAR 43 appendix D and the American Champion Aircraft Service Manual Inspection Report. Opened and inspected airframe. Cleaned airframe and engine as necessary. Drained oil and replaced filter with a CH 48108-1 filter. Opened and inspected filter no excessive contamination noted. Serviced with 8 quarts of Exxon Elite 20w50 oil. Cylinder compressions checked as follows: #1: 78/80, #2: 78/80, #3: 78/80, #4: 78/80. Cleaned, gapped and inspected spark plugs. Checked and adjusted magneto timing as necessary. Replaced propeller governor gasket. Performed a routine inspection and miscellaneous maintenance, Post inspection engine run-up, leak check satisfactory No defects noted on work performed. I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Thomas W Tenney
A&P 3141006 IA



All Repair Data Must Be on the Signature of a
Certified Mechanic, and the Repair and
Certificate Number MUST be Stamped

Make: ACA
Model: C8GCBC
S/N: 464-2004
Reg. Number: N780DM

Date: 10/24/2008
Tach: 385.1
Hobbs: NA



3653 Rickenbacker Street, Suite 212
Boise, ID 83705
208-345-3730

Engine Logbook Entry

Drained oil and serviced with 7 quarts of Exxon Elite 20w50. Run up leak check satisfactory, no defects noted. This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Thomas W Tenney
A&P 3141006

Ther. 27

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

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

ENGINE LOG

Serial No. _____

Make: ACA
Model: C8GCBC
S/N: 464-2004
Reg. Number: N780DM

Date: 1/27/2009
Tach: 416.3
Hobbs: NA



3653 Rickenbacker Street, Suite 212
Boise, ID 83705
208-345-3730

Engine Logbook Entry

Drained oil, and serviced with 7 quarts of Exxon Elite 20w50. Replaced oil filter CH48108-1. Opened and inspected oil filter, no excessive contamination noted. Run up leak check satisfactory, no defects noted on work performed. This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Thomas W Tenney
A&P 3141006

A handwritten signature in blue ink, appearing to read "Th W Tenney", written over a horizontal line.

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No.

JETSTREAM
AVIATION

3653 Rickenbacker Street, Suite 212
Boise, ID 83705
208-345-3730

Make: Lycoming
Model: 0-360-C1G
S/N: L-39914-36A
Reg. Number: N780DM

Date: 8/27/2009
Tach: 431.9
Hobbs: NA

Engine Logbook Entry

Performed a 100 Hour inspection using a checklist meeting the minimum requirements of FAR 43 appendix D and referencing the American Champion Aircraft Scout Maintenance Manual Inspection Checklist. Opened, inspected, and closed airframe, cleaned airframe and engine as necessary. Drained oil and replaced filter with a CH 48108-1 filter. Opened and inspected filter – no excessive contamination noted. Serviced with 8 quarts Exxon Elite 20W50 oil. Cylinder compressions check as follows: #1: 76/80, #2: 76/80, #3: 76/80, #4: 75/80. Checked and adjusted magneto timing as necessary. Cleaned battery tray and serviced battery. Post inspection engine run-up, leak check and control functions were found normal. Installed fine wire spark plugs PN: REM38S. Removed and replaced rocker box gaskets with PN: SEL75906.

Ops check satisfactory, no defects noted on work performed. Maintenance flight required.

This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Brian J Glenn
A&P 3403535



ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Make: Lycoming
 Model: 0-360-C1G
 S/N: L-39914-36A
 Reg. Number: N780DM

Date: 8/27/2009
 Tach: 431.9
 Hobbs: NA



3653 Rickenbacker Street, Suite 212
 Boise, ID 83705
 208-345-3730

Engine Logbook Entry

Performed an Annual inspection using a checklist meeting the minimum requirements of FAR 43 appendix D and referencing the American Champion Aircraft Scout Maintenance Manual Inspection Checklist. All applicable ADs are in compliance effective on this date, AD 2008-19-05 N/A by manufacturer. See AD Log.

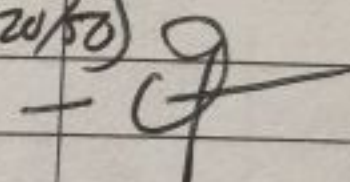
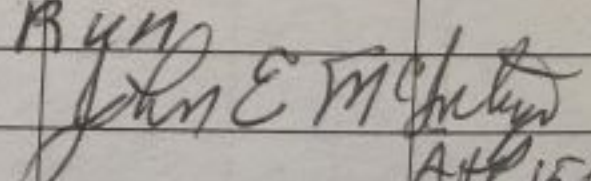
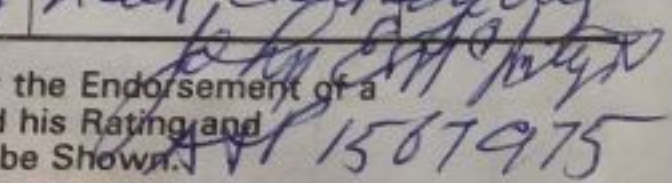
This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Daniel C. Shira
 A&P 1984143 IA

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/19/2009	455	7	CHANGED OIL w/ 7 QTS. EXON ELITE 20/50 FILTER. LEAK CK'd GOOD.		OWNER
3/2/2010	482	1	Changed oil and oil Filter P/N CH48108-1 serviced with 7qt Exon ELITE 20/50 oil Leak Checked good on ground Run		ATP 1567975
4-21-2010			Tack 305.6 Changed oil tail Filter P/N CH48108-1 serviced with 7qt Exon ELITE 20/50 oil, leak checked good cat filter open no metal found		ATP 1567975
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

Engine Log Book Entry

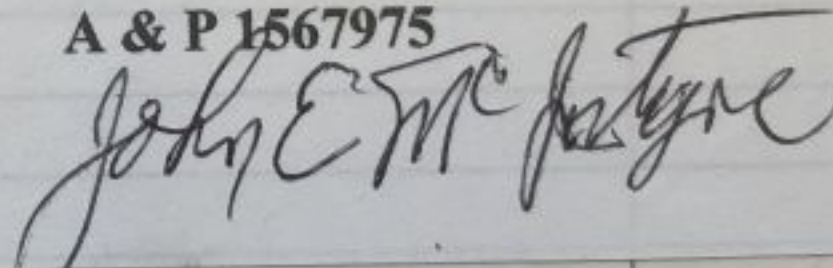
American Champion Aircraft 8GCBC N780DM

June 21, 2010 Tack 531.8

Changed oil and oil filter. Cut filter open no defects found.
Serviced with 7qt. Elite oil and CH 48108-1 oil filter.
Ground run leak checked good.

John E. McIntyre

A & P 1567975



License
Number

Page Total

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Total to Date

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

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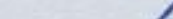
All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Serial No.

Date	Time	
	Hrs	Mins

License
Number

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

S 

t of a



Tach: 736.7

N780DM

Cylinder head compression test as follows: #1= 78/80, #2= 76/80, #3= 76/80, #4= 78/80. Drained oil, replaced CH48108-1 oil filter, cut filter open, no metal found. Serviced with 8 qts 20-50 Exxon Elite oil. Removed all spark plugs, cleaned, inspected, gapped, and reinstalled with new m674 gaskets.

Inspected all engine controls, wiring, fluid hoses and exhaust system for security, leaks and operation. Replaced #2 cylinder intake gasket #71973 and dipstick tube gasket #72059. Replaced air intake filter element #BA8103-1

Reviewed AD's for compliance thru 2012-15.

I have inspected this engine and found it to comply with the requirements of FAR 43, appendix D, scope and details of an annual inspection and is approved for return to service.

Les VanWarmerdam

2697600 IA

Serial No.

Signature _____

License
Number

st Bear the Endorsement of a
nic, and his Rating and
MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-2-2014	826.6		<p>COMPLETE 100HR INSPECTION AT THIS TIME. DRAINED OIL. REMOVED + INSPECT FILTER. CHECKED GASKETATOR AND CARB FUEL SCREENS. PERFORMED COMPTEST. (1) 78 (2) 78 (3) 78 (4) 78. REPLACED AIR FILTER. CHECKED MAGNETO TIMING, OK @ 25° BTDC. INSPECTED EXHAUST, MUFFLER, SHROUD, RISERS. CHECKED, GRIPPED, RETURED + TESTED SPARK PLUGS. ALSO INSPECTED MOUNT, EJECTION AND CONTROLS. FILLED ENGINE W/ THIRTY 20W-50 OIL @ THIS TIME. DRAINED CARBURETOR BOWLS @ THIS TIME. RESEARCHED ADS THROUGH CURRENT AD LISTING/BE WEEKLY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/O/W A 100HR INSPECTION, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. — END —</p>		
<div> <div>Page Total</div> <div>Brought Forward</div> <div>Total to Date</div> </div>			<div> <div>AP 3423075</div> <div>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</div> </div>		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12-8-2015	8	07.8	<p>WORK. COMPLETED 100% INSPECTION @ THIS TIME. RUN ENGINE AND COMPLETE PERFORMANCE CHECK. REMOVED BULBS, DRAIN OIL AND REMOVE FILTER. COMPLETE COMPRESSION TEST ① 78 ② 79 ③ 78 ④ 78. REMOVE / INSPECT SECTION SCREEN, OK. REINSTALL W/NEW GASKET. CHECK VALVE ON INTAKE + EXHAUST, INSPECT EXHAUST, MUFFLER, RISERS. CHECK CONTROL THROTTLE. FILL ENGINE WITH PHILIPS 20W50 OIL. INSTALL NEW OIL FILTER + SECURE. INSPECT BRAKES, MOUNT, ELECTRICAL. →</p>		
			Page Total	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<p>→ CHECK VALVE TIMING, OK @ 25 BTC.</p> <p>REMOVE + INSPECT CORB INLET SCREEN, OK.</p> <p>DISASSEMBLE AND INSPECT GASKETING. REPLACED AIR FILTER ELEMENT W/NEW. RESEARCHED CURRENT + HISTORICAL A/D'S. SEE LIST W/LOGS.</p> <p>I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/O/W A 100 HR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. — END —</p> <p><i>[Signature]</i> AP 3123025</p>		
			Page Total	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-16-2017	8	87.2	100HR. Run up, TEST Control + ENGINE FUNCTION. DRAIN OIL AND REMOVE FILTER. INSPECT SUCTION SCREEN + REINSTALL. INSTALL NEW OIL FILTER DA48108-Z. FILL W/ PHILLIPS 20W-50 OIL. CHECK VALVE TIMING. COMP TEST AS FOLLOWS 1-76 2-78 3-76 4-77. CHECK VAP, TEST PHOS. INSPECT BATTERIES, CONTROLS, MOUNT, ELECTRICAL, FUEL SCREENS. REPLACE AIR FILTER. INSPECTED MUFFLER + SHROUD. INSPECTED INTAKE + EXHAUST. SING' ROCKER COVERS. RESEAL AD'S THEN 2017-04. SEE LIST W/ LOGS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W A 100HR INSPECTION AND HAS BEEN FOUND TO BE IN APPROPRIATE CONDITION AT THIS TIME. WORK PERFORMED AS PER HAR 4/3. I, AND MANUFACTURES W/M. - END		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

3-13-1

AP 3423025

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
3-13-18	90	15	100HR INSPECTION. RUN ENGINE, PERFORM COMP TEST. 1-79 2-78 3-78 4-78. DRAIN OIL. REPLACE OIL FILTER AND AIR FILTER. CHECK GASOLATOR SCREEN / CARB INLET SCREEN. INSPECT BOFFRES, CONTROLS, MOUNT, DUCTING, ELECTRICAL, VALVE TIMING MUFFLER, SHOCKS, INTAKE + EXHAUST. FILL W/ PHILIPS 20W50 OIL. CHECK GAP, TEST, ROTATE SPARK PLUGS. SNUGGED NOSES + ROCKER COVERS. RESEARCHED AD'S, SEE COMPLIANCE LIST DATED 3-13-18 WITH LOGS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W A 100HR INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AT THIS TIME. - END. <i>[Signature]</i> 4234230 STA.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-1-2019	9	10.3	<p>100% INSPECTION. NO OIL CHANGE @ THIS TIME. PERFORMED COMP TEST 1-76 2-76 3-77 4-78. CLEANED COBB INLET SCREEN AND BIFURCATED FUEL STRAINER. REPLACED AIR FILTER ELEMENT W/NEW BA 8X03-1. CLEANED, OIL, TEST, RETUNE DRUMS. SIZED KODAK CARS. INSPECT EXHAUST, MUFFLER, SHROUD, RESER. EJECTION, MOUNT, DUCTS, BAFFLES, INTAKE. SMOOTHER OIL DRAIN. AND ADJUSTED ALTERNATOR BELT. CHECKED TIMING OF IV/MS, OK @ 25". CHECKED CONTROLS + MOVEL. RESEARCHED ADJUSTING 2019-10 BE-WEEKLY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W →</p>		
			Page Total	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	
			Brought Forward		
			Total to Date		

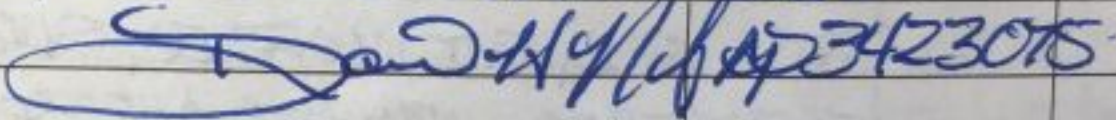
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			A 100HR INSPECTION AND HAS BEEN DETERMINED TO BE IN APPROXIMATELY CONDITION AT THIS TIME. AD COMPLIANCE LIST W/ LOGS.		
			— END — Dan D. 7/9 Apr 3/23075		
10-14-2020	10:04	9:10.8	100HR INSPECTION. DRAIN OIL. CLEAN SCREEN		
	9:10.8	TOTAL TIME ENGINE	SCREEN, REMOVE FILTER AND INSPECT. INSTALL		
	9:10.8	AC. T. TIME	NEW FILTER AND SECURE. FILL ENGINE WITH OIL		
			20W50 OIL. CHECK VALVE TIMING AND ADJUST TO 25°		
			BTC. INSPECT MUFFLER, SHROUD, INTAKE, EXHAUST, DUCTING,		
			ELECTRICAL, MOUNT, ALI BERT, CONTROLS FOR PROPER FUNCTION		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			CONT. FROM PREVIOUS PAGE → AND SECURITY, ALSO CHECKED BOFFROU. PERFORMED COMPRESSION TEST, #1-78 #2-78 #3-78 #4-77. CLEANED, GAPPED, ROTATED, TESTED SPARK PLUGS. RESEARCHED AD'S THRU CURRENT BI-WEEKLY LISTING, SEE LIST W/LOGS. CLEANED FUEL SCREENS AND REPLACED AIR FILTER ELEMENT. ART WORK PERFORMED I/A/W FAIRPORT 430. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W A 100HR INSPECTION AND WAS FOUND TO BE IN WORKABLE CONDITION AT THIS TIME. — END — 		
			Page Total		
			Brought Forward		
			Total to Date		

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

Red Eagle Aviation, Inc.

406-755-2376

4-29-21 Tach-930.6

N780DM

Date

Drained oil, Inspected oil filter, Serviced with 8qts. of Phillips X/C 20W50 and filter AA48108. Runup and leak check was preformed. *Chic fup AR3743457*

*Log Book Closed out
10-20-21*

Page Total

Brought Forward

Total to Date

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THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N780DM

Engine Manufacturer Lycoming

Model O-360-C1G

Serial No. L-39914-36A

Date installed on aircraft 1 DEC 2004

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| <input type="checkbox"/> Right | <input type="checkbox"/> Left |
| <input type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

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Red Eagle Aviation, Inc.**406-755-2376**

10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM

DA1

Performed 100 Hour Inspection and service---Cleaned sparkplugs, inspected and regapped,--- checked magneto timing.--- Compression: cyl#1/ 78 #2/ 78 #3/78 #4/76 over 80psi.---Cleaned fuel screens.--- Pressure tested exhaust.---Checked idle mixture.---Drained oil, inspected oil filter, serviced with 8qts Phillips 20W-50 and filter AA48108.--- Adjusted oil pressure from 97 to 86 PSI--- Performed run-up and leak check--- ADs checked through Bi-weekly 2021-21

"I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in an airworthy condition this date 10-20-2021." Wyatt Zake AP4458166

Red Eagle Aviation, Inc.**406-755-2376**

10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM

"I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition on this date 10/20/2021." Chris AP3743457IA

Red Eagle Aviation, Inc.**406-755-2376**

2-8-22 Tach-963.7 N780DM

Replaced left and right magnetos with overhauled units from Kelly Aero P/N#4371 and new magneto adapter flange gaskets P/N#62224. Timed to engine 25° BTDC. Runup and Mag. Check performed, mag. drop 75 rpm.

Wyatt Zake AP4458166

Red Eagle Aviation, Inc.**406-755-2376**

8-3-22 Tach-986.7 TSN-986.7 N780DM

Drained oil, inspected oil filter, serviced with 8qts Phillips 20W-50 and filter AA48108. Run-up and leak check was performed.

Wyatt Zake AP4458166

Red Eagle Aviation, Inc.**406-755-2376**

10/25/2022 Tach-995.8 TSO-995.8 Engine N780DM

Performed 100 Hour Inspection and service in reference with American Champion Service Manual Table: III-1. Removed, cleaned, inspected, tested and re-installed spark plugs. Performed compression test, results as follows: #1: 74, #2: 76, #3: 76, #4: 74. Checked magneto timing. Cleaned airframe and carburetor fuel screens. Replaced intake gasket on #2 cylinder. AD's checked through Bi-weekly 2022-21.

"I certify that this Engine has been inspected in accordance with a 100hr Inspection and was determined to be in an airworthy condition this date 10/25/2022."

Wyatt Zake AP4458166

Red Eagle Aviation, Inc.**406-755-2376**

10/25/2022 Tach-995.8 TSO-995.8 Engine N780DM

"I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition this date 10/25/2022."

Wyatt Zake AP4458166

Red Eagle Aviation, Inc.**406-755-2376**

6-1-23 Tach-1031.2 N780DM

Drained oil, inspected oil filter, serviced with 8qts Phillips X/C 20W-50 and filter AA48108.--- Performed run-up and leak check.

Wyatt Zake AP4458166

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Red Eagle Aviation, Inc. 406-755-2376

DA

10/02/2023 Tach-1069.2 TSO-1069.2 Engine N780DM

Performed 100 Hour Inspection and service in reference with American Champion Service Manual Table: III-1. Removed, cleaned, inspected, tested and re-installed spark plugs. Performed compression test, results as follows: #1: 74, #2: 75, #3: 74, #4: 75. Checked magneto timing. Cleaned airframe and carburetor fuel screens. AD's checked through Bi-weekly 2023-20.

"I certify that this Engine has been inspected in accordance with a 100hr Inspection and was determined to be in an airworthy condition this date 10/02/2023."

Seth Mitchell 446374AP

Red Eagle Aviation, Inc. 406-755-2376

10/02/2023 Tach-1069.2 TSO-1069.2 Engine N780DM

"I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition this date 10/02/2023."

Myke 3344089AP/EA

6-5-2024

Tach-1107.0

N780DM

Drained oil, removed and inspected oil filter. Serviced with 8qts. of Phillips 20w-50 oil and filter AA48108. Performed run-up and leak check.

Ching-Lia AP3743457

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