## LYCOMING

A Textron Company

# ENGINE LOG

SSP-1872-1



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

## ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING	0-360-C16	L-39914-36A
MAK	E MODEL	SERIAL
FROM DEC. O	1 20 04 TO	20
DETAILING TIME FROM	HOURS TO	HOURS
SSP-1872-1	© 1994 by Textron Lycoming "All Rights Reserved"	October 1994

### NEW RECIPROCATING ENGINE CERTIFICATE

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

MODEL O-360-C1G

SERIAL NO. L-39914-36A

DATE 10/8/84

(AUTHORIZED REPRESENTATIVE)

LYCONING
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 17	701 Date   2 -01 - 04
Туре		Model 0-360-C16	Serial No. L-39914-30
Rated H.P.	80	Max. H.P. 180	Weight (Dry) 292 LBS.
Rated R.P.M.	2700	Max. R.P.M. 2700	Oil Pressure 90 PST
Bore 5, 12	25	Stroke 4.375	Displacement 361.0 Cu. In.
Compression	Ratio 8.5:1	Supercharger Ratio	
Reduction Ge	NAME AND ADDRESS OF THE OWNER, WHEN PERSON O		
Propeller MT	1-9-B/190-18a	Hub Design MTV-9-B	Hub Serial No. 04 689
Blade Design	190-18a	Blade Serial No.VG-20745	Blade Serial No. V6-2014
Max. Hub H.P.		Max. Blade H.P.	
Pitch		Diameter	Length
Name	With the State of		Marie Company of the
Address	THE RESERVE OF THE PERSON NAMED IN		THE RESERVE OF THE PARTY OF THE

Serial No. 1-39914-36A

Date	Tir	me Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Date: 12 Tach tim		0.00			1/2/4
This engages	gine s/ this da	/n: L-3 ate.	39914-36A model O-360-C1G was installed on this aircraft s/n: 464-20	04, model	
for AMI	ERICA	N CH	AMPION AIRCRAFT PC333CE (lah h	1	
	H.V	- W	DRAINED THE ENGINE OIL AND REMOVED THE OIL SCREEN AND OUSING, NO METAL FOUND IN THE SCREEN. REMOVED ALL 4 YLINDERS FOR PORTING AND FLOW MATCHING, REINSTALLED THEM NEW GASKETS. INSTALLED A B&C BC700 OIL FILTER ADAPTER W/ A H48108 OIL FILTER AND 7 QUARTE OF 20-50 PHILLIPS M OIL, LEAK HECK OK. STEVE TUBBS	ALSI-ELVA ARVENI	
			Page Total  Brought Forward  Total to Date  All Repair Data Must Bear the Certificated Mechanic, and his Certificate Number MUST be	s Rating and	

		Sells	al No.	
Tir	ne		ne/CT	
rs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
		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 Blueballe 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. I run, checked for leaks and o.k	nstalled new filter. Engine	washed with solvent,
		The items identified above were repaired and inspected in accordance with current maintenance rules of the approved for return to service. Engine was run, checked for leaks and no leaks noted. Pertinent details of the Work Order Number identified below.  DATE: 8/31/2005 SIGNED:	ne Federal Aviation Regula his repair are on file at this	ations and is s repair facility under Work Order: 5081
		Ronald L. Coleman Jr., A&P: 538888802	Printed by EBis 3	(datcomedia.com)

	Tir	ne	REPAIRS - ADJUSTMENTS - SERVICE	- REMARKS	Signature	Licens Numb
Date	Hrs	Min				
			N 780DM TACH CHANGE OIL & FI OPEN & INSPOK. TIGHTEN OIL COOL BNUT INSULATE LEADS. Quies	LIZ.6 LTER ER LOWER TWO 16N TH2561940		
1			Page Total Brought Forward Total to Date	All Repair Data Must Bea Certificated Mechanic, an Certificate Number MUST	d his Rating and	а

ro/Rer

### ENGINE LOG

Date	Here Stin	SERV 36 GALLATIN FIELD	AIRCR AF ICE, INC. BELGRADE, MT (KBZN) 351 FAX: 408-388-7417				nature	Lic Nu
	DATE 27 JULY 07	REGISTRATION N780DM	ENGINE 0360-C1G	SERIAL# L39914-36A	TAC & TOTAL TIME 309.8			
	Inspection con	mpleted this date. Chec	cked compression	n. Cleaned plugs	. Checked mag timing. Changed	oil and		
	and condense gaskets. Repuber inspecte	re checked exhaust system in left mag. Timed magaired carb air box arm.	tem. Removed b ags to engine. C Checked control	both mags. Adjust thecked alternator ls. Washed and ra	and starter. Replaced all valve common and starter. Replaced all valve common and the starter and engine. I certify that this engine and the starter and air worthy conditions are started to be in an air worthy conditions.	oints over ne has		
	and condense gaskets. Repuber inspecte	are checked exhaust system in left mag. Timed magaired carb air box arm. ed in accordance with a	tem. Removed bags to engine. Concern Checked control 100 hour inspects	both mags. Adjust thecked alternator ls. Washed and ra	and starter. Replaced all valve co an engine. I certify that this engine	Bear the Endors	and	

Serial No.

All Repair Data Must Bear the Endorsement of a

Certificated Mechanic, and his Rating and

Certificate Number MUST be Shown.

Boise, ID 83705

208-345-3730

Date: 02/19/2008 ACA Tach: 388.8 338.8 cwm Make: C8GCBC Model 3653 Rickenbacker Street, Suite Hobbs: NA 464-2004 S/N: 212 N780DM Reg. Number: **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 Cray w moyth A&P 3240362

Page Total

Total to Date

**Brought Forward** 

Serial No.

Make: Model

S/N:

C8GCBC

Reg. Number:

ACA

464-2004

N780DM

Date: 08/21/2008

Tach: 368.4 Hobbs: NA



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

Make:

ACA

Model

Reg. Number:

**C8GCBC** 

S/N:

464-2004

N780DM

Total to Date

Date: 10/24/2008

Tach: 385.1

Hobbs: NA



Certificated Mechanic, and his Rating and

Certificate Number MUST be Shown.

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.

	-	
40 19 19		

Make: Model S/N: Reg. Number:	ACA C8GCBC 464-2004 N780DM	Date: 1/27/2009 Tach: 416.3 Hobbs: NA	3653 Rickenbacker Street, Suite 212 Boise, ID 83705
327 (02)		Engine Logbook Entry	208-345-3730
Oil filter, no exc This aircraft and/or	cessive contamination component(s) identified a	n noted. Run up leak check satisfactory.	filter CH48108-1. Opened and inspected no defects noted on work performed. egulations of the Federal Administration and found to
Thomas W Ter A&P 3141006	nney M	-2/72	
	Page Total	All Repair	Data Must Bear the Endorsement of a
	Brought Forw	ard Certificate	ed Mechanic, and his Rating and Number MUST be Shown.
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Make: Model Lycoming

S/N:

L-39914-36A

Reg. Number:

0-360-C1G

N780DM

Date: 8/27/2009

Tach: 431.9

Hobbs: NA

Serial No.



3653 Rickenbacker Street, Suite 212

Boise, ID 83705 208-345-3730

**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

# ro/Rer

### **ENGINE LOG**

Serial No.

Date

Time Hrs Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License Number

Make:

Lycoming

Model S/N: 0-360-C1G 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 anul Spindel

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

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Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
19/2009	455.	7	CHANGED DIL W/7 DTS. EXON ELITE & 0142	uta	
			FILTER. LEAK CK'd 600D.	- A	OWNER
2/2010	482	1	Changed oil and oil Filter P/N C	H48108-1	
			Leak Checked good an around	a 20/50 vil	
			hear Checked good on ground	Byn E MG	helin
4-21-	201	0	Tack 305.6, Changed oil tail Ei	Her PN CH45	11/567
			Page Total Har open no gratal found	hear checked	good
		las.	Brought Forward  Total to Date  All Repair Data Must Bear to Certificated Mechanic, and Certificate Number MUST be	his Ratinguand	Tory!

Dat	Engine L	og Book Entry	License Number				
_	The state of the s	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						
		John Emchatyne					
	Page Total	All Repair Data Must Bear the Endorsement of a	3				
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	Total to Date	Cordinate training					

	DATE 08-18-2010, TACH 574.2, ETT 574.2
	COMPLETED A 100 HOUR/ANNUAL INSPECTION IAW THE 8GCBC
Date	SCOUT SERVICE MANUAL AND FAR 43 APPENDIX D. CYLINDER
Hrs	COMPRESSION AS FOLLOWS: #1 79/80, #2 78/80, #3 75/80, #4 74/80 . REMOVED
0.000	ALL SPARK PLUGS, CLEANED, INSPECTED, GAPPED AND REINSTALLED
	THEM. DRAINED THE ENGINE OIL AND REMOVED THE OIL FILTER FOR
	INSPECTION, NO METAL FOUND. INSTALLED A CH48108-1 OIL FILTER AND 7
	QTS 20-50 EXON ELITE OIL.
	INSPECTED THE ENGINE AND PROP CONTROLS FOR SECURITY,
	OPERATION, AND ADJUSTMENT, NO DEFECTS NOTED. INSTALLED A NEW OIL
7	PRESSURE RELIEF VALVE. THE PROPELLER WAS REMOVED FOR REPAIRS
	AND REINSTALLED, SEE PROP LOG FOR DETAILS. CHECKED THE MAGNETO
	BREAKER GAP, AND THE ENGINE TO MAGNETO TIMING, NO ADJUSTMENT
	REQUIRED. TEST RUN AND RUN-UP OK.
	REVIEWED THE AD LIST FOR COMPLIANCE THRU UPDATE # 2010-16. AD
	2009-26-12 (ECI CYLINDER CRACKS) N/A, ECI CYLINDERS NOT INSTALLED.
	CW LYCOMING SB # 584B (MAG CARBON BRUSH) BY INSPECTING THE
	CARBON BRUSHES FOR UNUSUAL WEAR, NONE FOUND, NEXT DUE AT THE
	ANNUAL INSPECTION OR 674.2, WHICHEVER COME FIRST.
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
	WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN
	AIRWORTHY CONDITION.
	-178-00
	STEVE TUBBS Allundulu 3203986 IA

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Date	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REI	MARKS	Signature	License
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#### ENICINE LOC

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		DATE 08-30-2011, TACH 660.9, ETT 660.9
Date	Hrs	COMPLETED A 100 HOUR/ANNUAL INSPECTION IAW THE 8GCBC
	піз	SCOUT SERVICE MANUAL AND FAR 43 APPENDIX D. CYLINDER
2		COMPRESSION AS FOLLOWS: #1 78/80, #2 77/80, #3 76/80, #4 76/80 . REMOVED ALL SPARK PLUGS, CLEANED, INSPECTED, GAPPED AND REINSTALLED THEM.
		DRAINED THE ENGINE OIL AND REMOVED THE OIL FILTER FOR INSPECTION,
		NO METAL FOUND. INSTALLED A CH48108-1 OIL FILTER AND 7 QTS 20-50 EXON
		ELITE OIL.
		INSPECTED THE ENGINE AND PROP CONTROLS FOR SECURITY,
		OPERATION, AND ADJUSTMENT, NO DEFECTS NOTED. CHECKED THE
		MAGNETO BREAKER GAP, AND THE ENGINE TO MAGNETO TIMING, ADJUSTED THE LEFT MAGNETO TIMING. TEST RUN AND RUN-UP OK. INSTALLED A NEW
		GASKET ON #2 INTAKE FLANGE.
		REVIEWED THE AD LIST FOR COMPLIANCE THRU UPDATE # 2011-16.
		CW LYCOMING SB # 584B (MAG CARBON BRUSH) BY INSPECTING THE
		CARBON BRUSHES FOR UNUSUAL WEAR, NONE FOUND, NEXT DUE AT THE
		ANNUAL INSPECTION OR760.9, WHICHEVER COME FIRST.  I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
		WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN
		AIRWORTHY CONDITION.
		11500
9.5 10 12.0		STEVE TUBBS Confidence 3203986 IA

tofa

License Number



Performance Air Inc 4919 Aviation Way Caldwell, ID 83605 (208)-455-7400

Date 08/21/2012

Tach: 736.7

ETT: 736.7

N780DM

Completed and Annual inspection in accordance with American Champion Aircraft Service Manual for 8GCBC and FAR 43 appendix D.

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.

1 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
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401		

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



Performance Air Inc 4919 Aviation Way Caldwell, ID 83605 (208)-455-7400

N780DM

TACH: 793.7

ETT: 793.7

Date 10/28/2013

Completed an 100 Hr/Annual Inspection in accordance with FAR 43 Appendix D, and Performance Air, Inc. Inspection Checklist. Cylinder compressions: 1). 77/80, 2). 78/80, 3). 75/80, 4). 75/80. Changed engine oil using 7 Qts. Exxon Elite 20W-50. Replaced engine oil filter with new CH48108-1. Cut open old filter...no metal noted. Cleaned, visually inspected, gapped, rotated and reinstalled spark plugs using new M674 gaskets. Visually inspected all engine and propeller controls for security and operation. Replaced induction air filter with new BA-8103-1, Replaced #1, #3, #4 intake gaskets with new 71973 gaskets. Replaced R/H magneto gaskets. Reviewed A.D. list for compliance thru update 2013-19.

I have inspected this engine and found it to comply with the requirements of FAR 43 Appendix D scope and detail of an 100 Hr/Annual Inspection and is approved for return to service.

Yancey Waddington

AP 516132889 IA

	Signature	License Number
18		

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### ENGINE LOG

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### **ENGINE LOG** Serial No. Time License Signature Date REPAIRS - ADJUSTMENTS - SERVICE - REMARKS Number Min Hrs 2-16-2017 ENGINE FUNCTION. INSPECT SUCHION SCREEN Page Total All Repair Data Must Bear the Endorsement of a **Brought Forward** Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Total to Date

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Date	Tir Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
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4-29-21	Tach-930.6	N780DM
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ENGINE MAINTENANCE RECORDS



## ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Re	gistration No	N78	DM		
Engine Ma	nufacturer <u>(</u>	ycomin	ng		
Model 0-	360-C1	G			
Serial No.	-3991	1-36P			
Date install	ed on aircra	n I DE	c 2004	1	
Time Betwe	en Overha	ils (TBO)	2000	Hours	
	If used on	nulti-engir	ne aircraft:		
	☐ Right		Left		
	☐ Front		Rear		



(All applicable information must be filled in)

### AEROTECH PUBLICATIONS INC.

P.O. Box 1359 / Southold, NY 11971-0965 (631) 765-9375 1-800-235-6444 FAX: (631) 765-9359 mt-prop

10-20-21 Tach-986.5   APTT-986.5   N780DM	e N	Red Eagle Aviation, Inc. 406-755-2376	
Performed 100 Hour Inspection and service—Cleaned sparkplugs, inspected and regapped.— checked magneto timing.—Compression cylil 78 #277 #378 #378 60 vor 80psi.—Cleaned fuel screens  Pressure tested exhaust.—Checked idle mixture.—Drained oil, inspected oil filter, serviced with 841s Phillips 20W-50 and filter AA48108. The service of the streens  Pressure tested exhaust.—Checked idle mixture.—Drained oil, inspected oil filter, serviced with 841s Phillips 20W-50 and filter AA48108. 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 on this date 10-20-2021."  Wydit	-	10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5	-
magneto timing. — Compression Cymp. 16 no. 27 fe no. 27	ΓA	Performed 100 Hour Inspection and serviceCleaned sparkplugs, inspected and reconnect	
Pressure lested exhaust.—Read liter AA48108.— Adjusted oil pressure from 97 to 86 PSI— Performed run-up and leak check— AD5 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."  Red Eagle Aviation, Inc.  406-755-2376  10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM  10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM  10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM  10-20-21 Tach-956.5 Tach-963.7 N780DM  Red Eagle Aviation, Inc.  406-755-2376  Tach-963.7 N780DM  Red Eagle Aviation, Inc.  406-755-2376	AI	magneto timing Compression, Cyl#1/ /8 #2/ /8 #3//8 #4//6 over 80nsi Classed 6-1	RK
Phillips 200 vo and niter Ava-180s.—Augusted oil pressure from 91 to 86 PSI.—Performed run-up and leak check.—Abs 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."  Red Eagle Aviation, Inc. 406-755-2376  Tocriffy 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.  Red Eagle Aviation, Inc. 406-755-2376  Tach-963.7 Tach-963.7 N780DM  Red Eagle Aviation, Inc. 406-755-2376  Tach-963.7 Tach-963.7 N780DM  Red Eagle Aviation, Inc. 406-755-2376  Tach-963.7 Tach-963.7 N780DM  Red Eagle Aviation, Inc. 406-755-2376	_	Droscure tested exhaust, Checked lide mixture, Drained oil, inspected oil filter now in a	
"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." Ugath Red AP445866  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. AP3743457IA  Red Eagle Aviation, Inc. 406-755-2376  Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376  Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376  Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376		Phillips 20 W-50 and filter AA46106 Adjusted oil pressure from 9/ to 86 PSI Performed	
"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." Wydth Lates AP 145846  Red Eagle Aviation, Inc. 406-755-2376  10-20-21 Tach-956.5 AFTT-956.5 TSN-956.5 N780DM  1-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." AP 3745457LH  Red Eagle Aviation, Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376  Inc. 406		leak checker- ADS checked unough Di-weekly 2021-21	
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. AP3743457IA  Red Eagle Aviation, Inc.  406-755-2376  Red Eagle Aviation, Inc.		"I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was	
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."  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.  Wydt Wash NY458166  Red Eagle Aviation, Inc.  406-755-2376  3-3-22 Tach-986.7 TSN-986.7 N780DM  Paramed oil, inspected oil filter, serviced with 8qts Phillips 20W-50 and filter AA48108. Run-up and leak check was preformed.  Wydt APY458166  Red Eagle Aviation, Inc.  406-755-2376  10/25/2022 Tach-95.8 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, #3: 76, #3: 76, #3: 74, #4: 74. Checked magneto timing. Cleaned airframe and carburetor fuel screeens. 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."  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."  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."	-	determined to be in an airworthy condition this date 10-20-2021." Wyatt Zotto APUUSQUE	
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Drained oil, inspected oil filter, serviced with 8qts Phillips 20W-50 and filter AA48108. Run-up and leak check was preformed. Wyatt Tacks APUH58166  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 screeens. 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."  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."  Red Eagle Aviation, Inc. 406-755-2376  10/25/2022."  Red Eagle Aviation, Inc. 406-755-2376  Red Eagle Aviation, Inc. 406-755-2376	_	22 T 1 200 F	
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		2 TSO-1069.2 Engine N780DM ected in accordance with an Annual Inspection and was
determined to be in	an airworthy conditi	ion this date 10/02/2023."
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