

LYCOMING

A Textron Company

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING

D-360-C1G L-41858-30E

MAKE

MODEL

SERIAL

FROM July 15 20 11 TO _____ 20 _____

DETAILING TIME FROM _____ HOURS 0.0 TO _____ HOURS

HOURS

HOURS

SSP-1872-1

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October 1994

ENGINE DESCRIPTION

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-41858-36E
 DATE 5/16/11 *Richard Peav*
 (AUTHORIZED REPRESENTATIVE)

LYCOMING

652 Oliver Street
 Williamsport, PA 17701 U.S.A.
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Form No. 777-C (Rev. 6/10)

Mfg.	LYCOMING	Place	Williamsport, PA 17701	Date	7-15-2011
Type		Model	O-360-C1G	Serial No.	L-41858-36E
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-15-B/203-58	Hub Design	MTV-15-B	Hub Serial No.	110213
Blade Design	203-58	Blade Serial No.	ACA-4178D	Blade Serial No.	ACA-41781
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

ENGINE LOG

Serial No. 1-41858-36E

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Date: 7/15/2011
Tach Time: 0.0

This engine s/n: L-41858-36E, model O-360-C1G was installed on this aircraft, s/n: 543-2011, model 8GCBC this date.

for AMERICAN CHAMPION AIRCRAFT

PC333CE

Date	Time		Signature	License Number
	Hrs	Min		

Page Total
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Total to Date

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

4-3-12 Tach Time: 17.9 N380K

100 Hour inspection completed this date in accordance with SM-701. Compression test performed #1-78, #2-79, #3-78, #4-78. Replaced air filter BA8103. Checked mag timing. Changed oil and filter CH48109-1. Inspected old filter no metal found. Serviced engine with 8 qt. Aeroshell 50 weight mineral oil. Cleaned and gapped spark plugs. Inspected engine, exhaust system and control rigging. Checked Ads, AD 2004-10-14 C Cranks gear bolt due upon prop strike. AD 2012-03-07 Mixture control sleeve billet carb. NA by part number. Run-up performed satisfactory and no leaks found. I certify that this engine has been inspected in accordance with a 100 hour inspection and has been determined to be in airworthy condition. Reference Fox River Aviation Enterprises Inc. CRS F35R977Y work order #002587.

A.H. Theobald, C.I.
CRS F35R977Y

ENGINE LOG

Serial No. _____

Date

CHANDLER AIR SERVICE
1675 E RYAN RD.
CHANDLER, AZ 85296

ENGINE LOG ENTRY

License Number

N380K MODEL: 8GCBC SN: 543-2011 TACH: 47.7
LYCOMING MODEL: 0-360-C1G SN: L-41858-36E ETT: 47.7

DRAINED OIL, REMOVED & INSPECTED OIL FILTER & SUMP SCREEN.
COMPRESSION CHECK 1-74/80 2-76/80 3-76/80 4-74/80.
NEW FILTER, CH48109-1, INSTALLED. SUMP SCREEN INSTALLED WITH NEW GASKET, AN900-16.
SERVICED WITH 7 QTS PHILLIPS XC20/50W.
OPERATIONAL CHECK COMPLETED.

MAINTENANCE COMPLETED IN ACCORDANCE WITH ACA & LYCOMING SERVICE MANUALS.

Matthew McKeny
MATHEW MCKENY, A&P 27977111 10/30/2012

SHOP ORDER 12-2632

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ENGINE LOG

Serial No. _____

Date

Time
Hrs Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License Number

4-2-13 63 0

Complied with An Annual inspection as per Page 43 Appx D.

Compression #1 25 #2 25 #3 25 #4 25. Inspected and Adjusted

Spark plugs. Inspected Fuel screen, Inspected muffler no defects noted.

Complied with AD Review this Birecky 2013-06 note Appx. I certify that

this engine was Inspected I will an Annual & inspection found to be Airworthy at this time

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Matthew McKeny
A&P 27977111

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
07-03-13	9	6.7	Spinned oil, removed filter and inspected. No metal. Topguard filter to 15 ft lbs. Added 7.5 qts Phillips X-C 20W-50. Added 12oz Cam Guard. Checked level. Forward ran engine, no leaks. Filter good. CH48109-1. Re checked oil level, OK at 7.	<i>Richard Swan</i>	
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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John Miller Aviation, Inc. Merrill, Wisconsin

Engine Log Entry N380K

Date: 5/18/2014 Tach: 121.5 A/C T.T. 121.5 Eng. TSN: 121.5 Prop TSN: 121.5

CW a 100 Hour Inspection of this Engine this date. Changed oil and filter. Cut filter and found OK at this time. Installed 7 quarts of 20W50 Phillips and 11 oz. of Cam Guard. Completed a Compression test and the results were as follows: (1) 79/80 (2) 80/80 (3) 78/80 (4) 80/80. Completed run up and found engine to operate to specs and be free of leaks.

I certify that this Engine has been inspected IAW a 100 Hour Inspection and was determined to be in airworthy condition.

Signed *John Miller* John Miller A&P2218445A1

John Miller Aviation, Inc. Merrill, Wisconsin 715-536-2024

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-1-15	158	2	<p>COMPRESSION CHECKED #1 $\frac{1}{8}$" #2 $\frac{1}{16}$" #3 $\frac{1}{16}$" #4 $\frac{2}{16}$"</p> <p>CHECKED TIMING. CAMBER + GAPPED PLUGS</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN</p> <p>INSPECTED IN ACCORDANCE WITH THE ANNUAL</p> <p>INSPECTION AND WAS FOUND TO BE IN AN</p> <p>AIRWORTHY CONDITION.</p> <p>Paul Anderson</p>		
6-1-15	158	2	<p>Chg oil & Filter + got Phillips 20W-50</p> <p>AP22586831A</p>	of Duran	Duran
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-25-16	180	3	<p>COMPRESSION CHECK #1 $\frac{1}{8}$" #2 $\frac{1}{16}$" #3 $\frac{1}{16}$" #4 $\frac{1}{16}$"</p> <p>CHECKED TIMING NO (CAMBER) ADJUSTED</p> <p>AND GAPPED PLUGS REPAIRED #3 UPPER</p> <p>PLUG, CHECKED ALL ENG CONTROLS OK</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN</p> <p>INSPECTED IN ACCORDANCE WITH THE ANNUAL</p> <p>INSPECTION AND WAS FOUND TO BE IN AN</p> <p>AIRWORTHY CONDITION</p> <p>Paul Anderson</p>		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/10/16	1:00	3	Replaced - Disturbed air filter changed oil & replaced filter added 8 qts Phillips 20W-50	J. Swain	awm
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-24-17	197	9	CHECKED OIL SERVICE FILTER CHECKED OIL SERVICE FILTERS #1 #2 #3 #4 #5 COMPRESSOR CHECKED #1 #2 #3 #4 #5 CHECKER THRU (NO CHANGE) CLEANED + OILED PLUGS, CHECKED CONTROLS, ALL WORKING AND COMP WITH / CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION	Paul Anderson	AP2258683 1A
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	MM			
6-23-18	219	7	CHANGE INDOCTRIN AIR FILTER (BRACKET) CHANGED OIL AND FILTER PHYLIPS 20-50X CONTINUED CHECKED TIMING, NO CHANGE FROM LAST INSPECTED CHECKED COMPRESSOR #1 7/80 #2 7/80 #3 7/80 #4 7/80. CLEANED AND GRIPPED PULGS, CHECKED ALL ENGINE CONTROLS AND CONNECTIONS. ALL APPLICABLE AOS COMP IN TA TO 6-23-18 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION Paul Haddad A20588714		
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All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Date 05/11/2019 N380K Tach 241.2 Aircraft TT 241.2 Installed Reiff Preheat System on engine accordance to Reiff Preheat System installation instruction. Hot band cylinder heating system and hotstrip oil sump heater. W&B change negligible. Installation of this FAA-PMA parts is a minor alteration and does not require an STC or Form 337.		
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Gerald A. Kasuske

Gerald A. Kasuske A&P 1996565

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

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-13-2019			Lycoming 0-360-C1G S/N 41858-36E Tach 260.0 TTE 260.0 Inspected engine IAW FAR ⁴⁹ Appendix "D". Checked compression #1 78/80, #2 76/80, #3 77/80, #4 78/80. Checked timing 25 BTC. Cleaned and rotated plugs. Did not change oil at this time do to owners request.		

Time

I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.



A&P 1996565

Gerald A. Kasuske

Brought Forward

Total to Date

Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
5/05/2020	Lycoming 0-360-C1G S/N 41858-36E Tach 272.1 TTE 272.1 Inspected engine IAW FAR ⁴⁹ Appendix "D". LY-CON Rebuilding Co. Bored the cylinders 10 thousands, Had cylinders port and polished. Installed new pistons and rings. See LY-CON work order 56567 for work done on each cylinder. Checked compression #1 80/80, #2 79/80, #3 80/80, #4 78/80. Cleaned and gapped plugs. Cleaned oil and fuel screen. Did not change oil at this time do to owners request.		

I certify that this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.



A&P1996565

Gerald A. Kasuske

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ENGINE LOG

Serial No. _____

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

04/15/2021 Lycoming 0-360-C1G S/N 41858-36E Tach 644.2 TTE 644.2
 Inspected engine IAW FAR 43 Appendix "D". Installed 4 new pistons P/N SL75089A P010
 Installed 4 new set of new rings P/N SL7401-SCP010. Added 8 qts. Phillips 20W-50 mineral
 oil. Checked compression all cylinders 76/80 or better. Installed 8 new REM37BY spark plugs.
 Set "E" gap on mags and set timing 25 BTC.

I certify that this engine has been inspected in accordance
 with a 100 hr. Inspection and was determined to be in
 airworthy condition.


 Gerald A. Kasuske
 A&P1996565

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ENGINE LOG

Serial No. _____

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

08/14/2022 Lycoming O-360-C1G S/N 41858-36E Tach: 728.5 TTE 728.5 Inspected engine I/A/W FAR 43
 Appendix "D". Checked compression #1 79/80 #2 79/80 #3 77/80 #4 79/80. Cleaned and rotated spark
 plug and set timing 25 BTC. I certify that this engine has been inspected in accordance with an annual
 inspection and was determined to be in airworthy condition.


 Keith W. Sellers A/P 450311664 I/A

4-19-23 N380K Hobbs 542.9 Tach Time: 757.6 Removed P/N 800075 S/N 10424555 Oil Cooler and replaced with P/N 20002A
 S/N B23-19196-17. Ground run leaked checked performed and no leaks noted at this time. Aircraft is approved to return to
 service per work performed.


 Keith W. Sellers A&P450311664

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ENGINE LOG

Serial No. _____

Date

Time

Signature

wo: WO_97

Engine - page 1 of 1



Redline Aviation · P.O. Box 8108 · Amarillo, Texas 79114 · 806-206-6525

N380K

LYCOMING, O-360 SERIES, S/N: ENGINE SN TBD

September 26, 2023

TACH: 763.3

Performed an Annual Inspection in accordance with 14 CFR43 Appendix D

1. Reinstall engine cowl, remove and inspect gasculator, remove and inspect exhaust for leaks.
2. Checked compression #1 80/80 #2 80/80 #3 80/80 #4 80/80. Removed regapped plugs cleaned and replaced gaskets. Replaced air filter. Drain oil and replace and inspect oil filter. Installed (8) P/N PHILLIPS XC20W-50 - PHILLIPS XC20W-50, Installed (8) P/N 07-00877 - SPARK PLUG GASKET 18MM, Installed P/N AA48108-2 - OIL FILTER, Installed P/N BA-8103-1 - BRACKETT AIR FILTER.
3. Ads Checked with T DATA 2023-20.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Redline Aviation under work order: WO_97.

Keith Sellers A&P IA 450311664

License Number

ENGINE LOG

Serial No. _____

Date

Time

Hrs Min

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

Signature

License Number

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