

CC19-0005

ENGINE LOG BOOK



Engine Log & Maintenance Record

LOG #: _____

RECORD OF Lycoming O-360-C1G L-42801-36E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N508XL

FROM _____ 20____ TO _____ 20____

DETAILING TIME FROM _____ TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: ___Right ___Left ___Front ___Rear

New Reciprocating Engine Certificate

LYCOMING

This is to certify that the engine as described hereinafter has been manufactured and ground operation tested as prescribed by Lycoming specification and Federal Aviation Regulations. All applicable Federal Aviation Airworthiness Directives applicable Lycoming Service Publications have been complied with at time of manufacture. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Part Number ENPL-RT10892
Serial Number L-42801-36E
Engine Model O-360-C1G
Work Order AR639287
Total Time 0

Low L. Adams 3/24/16.
Authorized Representative Date

Production Certificate #3

Form 777C Rev 05/13

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD			<p>This Engine was installed new on serial number CC19-0005. It has been serviced with 8 quarts of Aeroshell 40 WT. mineral oil.</p> <p><i>JM W</i> 05/18/2016 Production Manager (Date)</p>		
12/21	25.0		oil change + filter service Phillips 20W50	<i>J Rudy</i>	
6-28-17	56.3		changed oil this date serviced engine with 7 qts Phillips 20W50 oil and CH48108-1 Filter Run up & leak check good. Scott Rudy IA 3255009 Hollister Jet Center.		
			<div style="border: 1px solid black; padding: 5px;"> <p>COASTAL VALLEY Aviation Inc. ENGINE DATE: 9/18/2017 N508XC (805)928-7701 • www.cvavix.com Lycoming IO-360C1G SN L-42801-36E Tach: 73.2 1. C/W AD 2017-16-11 IAW MSB 632B, dated 8/4/2017 - Connecting rod bushing press out verification procedure - No rod bushings moved <i>Richard Holder</i> Richard Holder A&P 3540719 IA</p> </div>		
			<p>ENGINE MODEL: Magnum Aviation DATE: 1/31/2018 O-360-C1G A/C TSN: 83.2 ENGINE S/N: L-42801-36E 13025 Murphy Ave. ENG TT: 83.2 REG. NO: N508XC San Martin, CA 95046 TSMOH: WORK ORDER: Phone: 408-683-4102 TACH: 83.2 5722-01-2018</p> <p>Engine Entries (2) Changed oil with 8 qts. of Phillips 20W50 X/C and filter CH48108-1. Inspected oil filter, no contaminants found. ops and leak checks -ok- adjusted mag timing, cleaned, gapped, & tested spark plugs, checked mag timing -ok- Comp Check #1-75/80, #2-75/80, #3-75/80, #4-76/80... (7) Mag timing adjusted to 25 deg.</p> <p>I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection per FAR 43 App. D and was determined to be in airworthy condition.</p> <p>DATE: 1/31/2018 SIGNED: <i>[Signature]</i> Work Order: 5722-01-2018 Steve Lamb JR, IA 3013346 For Magnum Aviation Inc. Printed by EBis 3 (datcomedia.com)</p>		

Page Tot _____

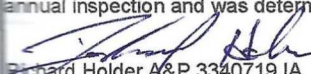
Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
COASTAL VALLEY Aviation Inc. (805)928-7701 • www.cvamx.com Lycoming O-360C1G SN L-42801-36E Tach: 124.0			ENGINE DATE: 6/12/2019 N508XC		
1. Compression test: #1-74, #2-77, #3-75, #4-77 2. Changed oil & filter, serviced w/Phillips 20W50 3. Took oil sample for analysis & mailed to Blackstone Labs I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.					
 Richard Holder A&P 3340719 IA					



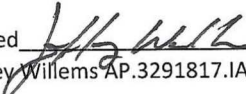
Engine


October 9, 2019

REG#	Engine Model	SN:	TSN	ETT	Tach
N508XC	O-360-C1G	L-42801	142.4	142.4	142.4

This Engine has been inspected IAW Cubcrafters CC11-180 TC10000AMM Dated 12/29/2014 for an Annual Inspection. Compression test as follows Cly#1. 70, #2 78 #3 78, #4 74/80. Removed, cleaned and rotated all spark plugs. Removed and replaced engine inlet filter with new. Removed and replace all engine compartment scat tubing PN: 05-29910-1 & PN: 05-29912-1. Lubricated all engine controls. No Applicable AD's or SB's as of 10/9/2019

I certify that I have inspected this Engine IAW an Annual inspection and was determined to be in airworthiness condition. All work was accomplished in accordance with the current Federal Aviation Regulation and manufacture maintenance instruction. Aircraft is returned to service at this tach time only.

Signed  Date 10-9-2019
 Jeffrey Willems AP.3291817.IA

1/1/20	183.3		CHANGED OIL THIS DATE SERVICED ENGINE WITH 7QTs PHILLIPS 20W50 OIL AND CH48108-1 FILTER	OWNER/OPERATOR	BILL KONIKEN	3408625
17-July-2020 Engine Log Entry N508XC Tach 224.4 Changed Engine Oil - Serviced w/ 7qts Phillips 20W50 +1C. Changed Engine Oil filter - Serviced w/ Tempest AA48108-2 Inspected Removed Oil filter, w/ no defects noted. Tech check on Ground Run w/ no defects noted. Engine Returned to Serv						
Mike R Arnold A&P 3515072 IA 						

Page Total: _____





Brought Forward _____

Total to Date: _____

reement of rating and shown.

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BRO					
 Sonoma JET CENTER			Sonoma Jet Center 6000 Flightline Dr. Santa Rosa, Ca. 95403		
Date: 10/02/2020; Aircraft: N508XC; Type: CC19-180; S/N: CC19-0005; Tach: 218.10; Total Time: 218.10; Engine - Type: O-360-C1G, S/N: L-42801-36E, Time: 218.10					
Performed an Engine Annual Inspection per Cubcrafters Inspection form and FAR43 appendix D. Comp. #1 70, #2 74, #3 68, #4 72, checked ign timing left mag, cleaned gapped and tested spark plugs, Inspected engine for leaks and defects, none found, no oil change at this time, run-up and leak check performed.					
I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.					
			 Corey Wheeler IA 563064190		
 Sonoma JET CENTER			Sonoma Jet Center 6000 Flightline Dr. Santa Rosa, Ca. 95403		
Date: 11/04/2020; Aircraft: N508XC; Type: CC19-180; S/N: CC19-0005; Tach: 218.10; Total Time: 218.10					
R&R #1,3 cylinders. Cleaned cylinder base surface on case, filed edges smooth on piston rings, installed #1 and #3 cylinder and torqued, Installed baffling with hardware, installed exhaust and heat shields, installed induction, oil return line, installed push rods and tubes with new seals, changed oil to Aeroshell 100 mineral oil, Run-up and leak check performed.					
Cylinder piston/ring assy kit : 05K21104 Rocker shaft: LW-13790					
			 Corey Wheeler A&P 563064190		

Page Total: _____

Brought Forward: _____

Total to Date: _____

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Engine Log

Serial # _____

11-3-20 N508XC CYLINDERS #1, #3 NEW AFR POWER PARTS

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks			Signature	Licence #
BROUGHT FORWARD							
1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: MS-533033		
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				PRODUCTION CERTIFICATE #3		5. Work Order/Contract/ Invoice Number: 170310/5137166	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:		
8.1	THRUST BUTTON-ROCKER SHAFT	LW-12892	80	N/A	NEW		
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved Design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. 14 CFR 43.9 Return to Service - Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature: <i>J. Dabback</i>		13c. Approval/Authorization No: ODA830878NE		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 25-JUN-2020		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005							
1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: MS-537929		
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				PRODUCTION CERTIFICATE #3		5. Work Order/Contract/ Invoice Number: 172234/5181529	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:		
1.1	KIT-CYL PISTON/RING ASSY	OSK21104	15	N/A	NEW		
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved Design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. 14 CFR 43.9 Return to Service - Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature: <i>J. Dabback</i>		13c. Approval/Authorization No: ODA830878NE		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 19-OCT-2020		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005							
1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: MS-532765		
4. Organization Name and Address: LYCOMING ENGINES 652 OLIVER STREET WILLIAMSPORT, PA 17701				PRODUCTION CERTIFICATE #3		5. Work Order/Contract/ Invoice Number: 170320/5137172	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/ Work:		
4.1	SHAFT-VALVE ROCKER SUPPLIER PART NO: 13-58520	LW-13790	32	N/A	NEW		
12. Remarks: AIRWORTHINESS APPROVAL PARTS AIR POWER INC							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved Design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. 14 CFR 43.9 Return to Service - Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature: <i>J. Dabback</i>		13c. Approval/Authorization No: ODA830878NE		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): J. DABBACK		13e. Date (dd/mm/yyyy): 17-JUN-2020		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
User/Installer Responsibilities							
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005							

Pa
Br
It is important to understand the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.
FAA Form 8130-3 (02-14) NSN: 0052-00-012-9005

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Total to Date: _____

Engine Log

Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
1/11/21	270.7		CHANGED OIL THIS DATE SERVICE ENGINE WITH 7 QUARTS PHILLIPS 20W50 OIL AND CH48108-1 FILTER OWNER/OPERATOR	<i>[Signature]</i>	3463625
2/4/21			<div style="border: 1px solid black; padding: 5px;"> <p align="center">COASTAL VALLEY Aviation Inc.</p> <p align="center">(805)928-7701 • www.cvamx.com</p> <p>Cub Crafters CC19-180 SN 0005 TT: 277.6</p> <p>1. Installed cabin heat modification per SL-CC-0002 Rev A</p> <p align="center"><i>[Signature]</i> Richard Holder A&P 3340719 IA</p> </div>		
6/10/21			CHANGED OIL THIS DATE SERVICE ENGINE WITH 7 QUARTS PHILLIPS 20W50 OIL AND CH48108-1 FILTER OWNER/OPERATOR	<i>[Signature]</i>	3463625



Sonoma
JET CENTER

Sonoma Jet Center

6000 Flightline Dr.
Santa Rosa, Ca. 95403

Date: 10/12/2021; Aircraft: N508XC; Type: CC19-180; S/N: CC19-0005; Tach: 326.90; Total Time: 326.90; Engine - Type: O-360-C1G, S/N: L-42801-36E, Time: 326.90

Performed an Engine Annual Inspection per CubCrafters Inspection form and FAR43 appendix D. Drained oil and took oil analysis sample. Removed filter and cut open - no contamination noted. Installed CH48108-1 filter and serviced engine with 7 qts Phillips 20W-50 oil. Comp. #1 76, #2 78, #3 78, #4 77. Cleaned and gapped plugs, checked ignition timing, checked engine controls, checked exhaust system, cleaned gascolator. Run-up and leak check performed.

I certify that this Engine has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

[Signature]
Corey Wheeler IA 563064190

Page Total: _____

Brought Forward: _____

Total to Date: _____

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Serial # _____

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
6/14/22		TACH: 337.3	Changed oil Phillips 20W-50 XG 7qts and Filter CH48108-1 Coastal Valley A&P 563064190		

5-30-23	Tach 390.0				
changed oil and filter					
serviced with 7qts Phillips					
20W50. New AA48108-2					
filter Run engine. No leaks					
Matt L. Burrows A&P 3165624					

COASTAL VALLEY
Aviation Inc.
(805)928-7701 • www.cvamx.com

ENGINE
DATE: 10/27/2022
N508XC
TACH: 368.1
TT: 368.1

LYCOMING O360C1G SN L42801-36E

- Performed compression test:
(#1-77, #2-78, #3-77, #4-77)
- Changed oil & filter serviced w/7qts Phillips 20W-50, AA48108-2
- Took oil sample for analysis, mailed to Blackstone Laboratories
- Cleaned, gapped, tested and rotated spark plugs
- Secured clamps at #4 cylinder drain back tube

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

Richard Holder
Richard Holder, A&P 3340719 IA

Burrows Aviation LLC

1008 N Cedar Rd ~ Deer Park, WA 99006 ~ (509) 276-5312

11-02-2023 Tach and TT : 405.0
Annual inspection completed this date per FAR 43 Appendix D checklist. AD's checked through 2023-22, DRS, FAA Website. None due this date
Compression test as follows. 1.) 75/80, #2.) 78/80, #3.) 75/80, #4.) 75/80 psi. Used .040 dia orifice tester. Cleaned sparkplugs. Installed sparkplugs correctly to match up with the Electro-Air system. Timing check good. Drained oil and installed new AA48108-2 oil filter. Cut open old filter. No contaminants found. Installed new gaskets on oil dipstick tube. Serviced engine with 7 quarts Phillips 20W50 oil. Ran engine. No leaks this date.

Engine is airworthy.
Burrows Aviation LLC by it's President Matt L Burrows
A&P 3165624IA *Matt L. Burrows*

Page Total: _____

Brought Forward: _____

Total to Date: _____

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Contact Us:

Mailing Address:

Lycoming Engines
652 Oliver Street
Williamsport, PA 17701

Phone:

U.S. and Canada Toll Free: +1-800-258-3279
International Customers: +1-570-323-6181

Lycoming's regular business hours are Monday through Friday from 8:00AM through 5:00PM Eastern Time (-5 GMT).

Visit us Online: www.lycoming.com