

ENGINE LOG BOOK



Engine Log

Serial # L-41772-36E

Date	Time Run (Hours)	Total Time Since Overhaul	Repairs, Adjustments, Service, Remarks	Signature	Licence #
BROUGHT FORWARD					
<p>9 Oct. 2024 Lycoming O-360-C1G, SN: L-41772-36E TACH: 1079.9, TTENG: 1079.9 Performed compression test #1-76, #2-76, #3-80, #4-78. Installed new Bracket air filter element. Inspected exhaust system. Serviced spark plugs. Changed oil and oil filter, Serviced engine with 7qts Phillips 20/50 XC oil. Installed 48108-1 oil filter. Installed new Bracket 8103-1 air filter element. 500 Hr. magneto inspection due at Tach:1289.5. Ran engine and leak checked. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition this date. Patrick Yancey A&P, IA 3176835</p>					
6/13/25	Total	Time 1101.3	Drained Engine Oil w/ no Metal Noted Serviced w/ 8 quarts Phillips 66 20w-50 Installed New Filter CH 481 08-1 Oil Filter Ground Run Leak Checked Satisfactory	James S. Page	3024969
<p>Stapleton's Aviation 111 Gulf Stream Dr Lewistown, MT 59457 N242BC American Champion Scout S/N 534-2010 03/13/2025 Tach 1101.3 TTAF 1101.3 TTE 1101.3 TTP</p> <ol style="list-style-type: none"> Remove propeller due to oil seepage from propeller root area. Send propeller for repair, propeller overhauled by Precision Propeller. SPOH 0.0 Install propeller P#MTV-15-B/203-58 S# 150437 on N242BC, torque prop IAW manufacturers instruction. Safety cable. I certify that this repair is found to be airworthy, this aircraft is approved for return to service. <p>Signature <u>Joey A Stapleton</u> Date <u>3-13-25</u> Joey A Stapleton IA 4399058</p>					

Page Total: _____

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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 & Maintenance Record

LOG #: 2

RECORD OF LYCOMING O-360-C1G L-4172-36E
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N247BC

FROM 9 OCT 2024 TO _____ 20__

DETAILING TIME FROM 1079.9 TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: ___ Right ___ Left ___ Front ___ Rear

Place Engine Certificate Here

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

ENGINE LOG

Serial No. _____

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

6 August 2022

Lycoming O-360-C1G, SN: L-41772-36E

TACH: 851.0, TTENG: 851.0

Performed compression test #1-80/78, #2-O/H, #3-80/78, #4-80/78.

Installed new Bracket air filter element. Inspected exhaust system and installed tail pipe extension. Installed Tanis Pre-heater PN: TSP4CYL-2925-115. Removed #2 Cylinder for overhaul by Lycon Engines. Re-installed cylinder. Inspected sparkplugs. Changed oil and oil filter, Serviced engine with 7qts Phillips 20/50 XC oil. Installed 48108-1 oil filter. Installed new Bracket 8103-1 air filter element. Installed new Hartzell Engine Technologies starter PN:149NL. Ran engine, checked operation and leak checked.

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

Patrick Yancey
A&P, IA 3176835



ENGINE LOG

Serial No. _____

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

4 August 2023

Lycoming O-360-C1G, SN: L-41772-36E

TACH: 938.6, TTENG: 938.6

Performed compression test #1-80/78, #2-78, #3-80/78, #4-80/78.

Installed new Bracket air filter element. Inspected exhaust system. Inspected sparkplugs. Changed oil and oil filter, Serviced engine with 7qts Phillips 20/50 XC oil. Installed 48108-1 oil filter. Installed new Bracket 8103-1 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 this date.

Patrick Yancey A&P, IA 3176835



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.



Date: 4/27/2018

Reg# N242BC

SN: 543-2010

Tach: 621.8

TTeng: 621.8

Inspected engine in accordance with American Champion 8GCBC service manual and 14CFR43(d). Lubed engine controls and rod ends. Performed compression test: (1)78/80 (2)79/80 (3)79/80 (4) 78/80. Cleaned, gapped, rotated, and tested spark plugs. Tested ignition harness. Checked mag to engine timing.

AD's Complied With:

Checked AD's for applicability. See AD compliance folder for details.

Performed engine run-up. Ops check satisfactory, no defects noted.

I certify that this **ENGINE** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in **AIRWORTHY** condition

Bravo 2 Aviation Services, llc

James B. West

James B. West

AP3087142IA

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8-20-18	638	8	Drained Eng oil with No metal Noted. Serviced with 8 Quarts Phillips 66 (20w-50) Installed New Filter CH48108-1 oil Filter Ground Run Leak checked Satisfactory	<i>[Signature]</i>	
3-10-19	666	1	Drained Eng. oil with No metal Noted. Serviced with 8 Quarts Phillips 66 (20w-50) Installed New Filter CH48108-1 oil Filter Ground Run Leak checked Satisfactory	<i>[Signature]</i>	
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. *L-41772-36E*

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
<i>5-13-17</i>	<i>552</i>	<i>4</i>	<i>Drained Eng Oil. With No Metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed New Filter CH48108-1 Oil Filter. Ground Run Leak checked Satisfactory.</i>	<i>[Signature]</i>	
<i>9-13-17</i>	<i>585</i>	<i>5</i>	<i>Drained Eng Oil. With No Metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed New Filter CH48108-1 Oil Filter. Ground Run Leak checked Satisfactory.</i>	<i>[Signature]</i>	
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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
<i>1-14-17</i>	<i>611</i>	<i>0</i>	<i>Drained Eng Oil. With No Metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed New Filter CH48108-1 Oil Filter. Ground Run Leak checked Satisfactory.</i>	<i>[Signature]</i>	
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. L-41772-36E

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/28/16	4	72	Drained Eng oil. with No Metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed Filter CH48108-1 Oil Filter. Ground Run & Leak checked Satisfactory.	<i>[Signature]</i>	
11-11-16	4	98	Drained Eng. oil. with No metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed Filter CH48108-1 oil Filter. Ground Run & Leak checked Satisfactory.	<i>[Signature]</i>	
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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11-23-17	5	23	Drained Eng oil. with No Metal Noted. Serviced with 8 quarts Phillips 66 (20w-50) Installed Filter CH48108-1 Oil Filter. Ground Run & Leak checked Satisfactory.	<i>[Signature]</i>	
4/3/2017 Tach time: 536.8			Performed annual inspection in accordance with American Champion Aircraft service manual and 14 CFR part 43 appendix D. No oil or oil filter change. Compression test: #1 79/80, #2 77/80, #3 78/80, #4 79/80. Replaced all valve cover gaskets. I certify that this engine has been inspected in accordance with an annual inspection and determined to be in an airworthy condition and is approved for return to service.		
Jerry K Mehlhaff AP1577352IA			<i>[Signature]</i>		

ENGINE LOG

Serial No. L-41772-36E

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7/19/16	4	19	1 Drained Eng. Oil. With No Metal Noted serviced with 8 Quarts Phillips 66(20w-50) Installed Filter CH48108-1 Oil Filter. Ground Run & leak checked Satisfactory.	<i>John Jackson</i>	
8/15/16	4	43	7 Drained Eng. Oil. With No Metal Noted. Serviced with 8 Quarts Phillips 66(20w-50) Installed Filter CH48108-1 Oil Filter. Ground Run & Leak Checked Satisfactory. Cleaned Plugs & checked out ok.	<i>John Jackson</i>	
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. _____

Delta Aviation Services, LLC
 202 Burns Rd.
 Dumas, AR 71639
 (870)382-2216

Date: 10/19/2016 Reg# N242BC SN: 543-2010 Tach: 469.3 TTeng: 469.3

1. Replaced spark plugs with new, PN: REM38S.
2. Performed compression test: 1) 74/80 2) 72/80 3) 74/80 4) 74/80.
3. Inspected engine area for defects or leaks. None noted.

Delta Aviation Services
 James B. West

James B. West

AP3087142IA

Total to Date

Certificate number MUST be shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10/17/14	19	85	drained engine oil with no metal noted serviced with 8 quarts of AeroShell 15W50 oil. Installed P/N CH48108-1 oil filter. Ground run and leak checked satisfactory	Andy Davis	

01 March 2015 N242BC Tach = T.T.A.F. and Engine 0225.7hrs Lyc. O-360-C1G S/N L-41772-36E
 No metal noted in oil filter. Compression checked sat. 77/80, 79/80, 77/80, 76/80. Timing and leads sat. Assisted owner with 100hr insp. No defects noted. Ground run and leak checked sat. I certify that this engine has been inspected IAW a 100hr insp. and has been found to be in airworthy condition.

Relief - 10/17/14 2837224MP

		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. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
8/20/15	25	6	drained engine oil with no metal noted serviced with 8 quarts of AeroShell 15W50 oil. Installed P/N CH48108-1 oil filter. Ground run and leak checked satisfactory	Andy Davis	

		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. _____

US Aviation Group, LLC 4700 John Carrell Denton, TX 76207
 LOG ID# 14786 24-September-2013 AC TT 63.0
 N242BC S/N 534-2010 AMERICAN CHAMPION 8GCBC TACH 63.0

Pg 1 / 1

License Number

COMPLETED COMPRESSION CHECK RESULTS AS FOLLOWS #1 76/80 #2 77/80 #3 77/80 #4 78/80.

Donald D Johnson 09-24-13
 A&P488828719IA DONALD D JOHNSON JR Date

Minuteman Air Service, Inc. (5M1), DeWitt, AR 72042 870-946-0390

01 Feb 2014 N242BC Tach = T.T.A.F. and Engine 93.0 Lyc. S/N L-41772-36E
 Completed annual/100hr insp. IAW 14 CFR 43 apdx D and Lyc operators' manual P/N 60297-12 section 4.
 Compression test sat. #1 78/80 #2 80/80 #3 80/80 #4 79/80. Drained oil with no metal noted in full flow filter
 P/N CH48108-1 IAW ICA of the B&C STC. Serviced with Aeroshell 15W50 oil. Cleaned, gapped, tested and
 rotated plugs. Air inlet filter checked sat. Crankshaft AD 12-19-01 dated 10/24/12 NA. Ground run and leak
 checked sat. I certify that this engine has been inspected and has been found to be in airworthy condition.

Robert B Craig AP2837224/A

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4/20/14	118.1		drained engine oil with no metal noted serviced with 8 quarts of Aeroshell 15W50 oil. Installed P/N CH48108-1 oil filter. Ground run and leak checked satisfaction	<i>Andy Davis</i>	

Minuteman Air Service, Inc. (5M1) DeWitt, AR 72042 870-946-0390
 26 Sept 2014 N242BC Tach = T.T.A.F. and Engine 0169.9 hrs Lyc. O-0360-CIG S/N L-41772-36E
 Drained oil and checked full flow filter. No metal noted. Serviced with new CH48108-1 filter and 8 qts
 Aeroshell 15W50. Ground run and leak checked sat.

Robert B Craig AP2837224/A

			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		

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-41772-36E
 DATE 11/17/10 Charles Hess
 (AUTHORIZED REPRESENTATIVE)



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	01-03-2011
Type		Model	O-360-C1G	Serial No.	L-41772-36E
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-15-13	Hub Serial No.	100511
Blade Design	203-58	Blade Serial No.	ABF-40196	Blade Serial No.	ABF-40197
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

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-C1G L-41772-36E
MAKE MODEL SERIAL

FROM 01-03 20 11 TO 06-14 20 24

DETAILING TIME FROM 0.0 TO 1079.9
HOURS HOURS

SSP-1872-1

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October 1994