



The Standard

ENGINE LOG

ACA CE 4

Engine Record General Information

Manufacturer Lycoming Model O-360-A166D

Serial L-18662-36A Type Certificate _____

This engine is currently installed in aircraft _____

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

Registered Owner Record

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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06/15/07 Tach: 3130.6, total time engine: 3351.6, TSMOHE: 1256.6. **Annual Inspection.**
 Compression check: 1-76, 2-76, 3-76, 4-76. Checked engine for security and controls for proper operation. Removed, cleaned, gapped, tested, and reinstalled spark plugs. Changed oil and filter. Refilled with 8 quarts Phillips 20W50 Type "M" oil and installed new Champion oil filter, CH48103 filter. Replaced 8 ignition springs, N2929 springs.

Reviewed AD's through 2007-12. Operational check of engine after maintenance O.K.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is **approved for return to service.** 06/15/07.

Bruce W. Budahn
 Bruce W. Budahn
 AP2687565IA

I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in an **Airworthy Condition.** 06/15/07.

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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07/21/08 Tach: 3134.8, total time engine: 3355.8, TSMOHE: 1260.8. **Annual Inspection.** Compression check: 1-70, 2-68, 3-72, 4-45^{psi}. Checked engine for security and controls for proper operation. Removed, cleaned, gapped, tested, and reinstalled spark plugs.

Reviewed AD's through 2008-14. Operational check of engine after maintenance O.K.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is **approved for return to service.** 07/21/08.

Bruce W. Budahn
 Bruce W. Budahn
 AP2687565IA

I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in an **Airworthy Condition.** 07/21/08.

Bruce W. Budahn
 Bruce W. Budahn

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

10/09/2015 Tach: 3151.3, total time engine: 3372.3, TSMOHE: 1277.3. **Annual Inspection.**
 Compression check: 1-70, 2-65, 3-63, 4-69. Checked engine for security and controls for proper operation. Removed, cleaned, gapped, tested, and reinstalled spark plugs.

Reviewed AD's through 2015-19. Operational check of engine after maintenance O.K.

The aircraft and/or component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is **approved for return to service.** 10/09/2015.

Bruce W. Budahn
 Bruce W. Budahn
 AP2687565IA

I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in an **Airworthy Condition.** 10/09/2015.

Bruce W. Budahn
 Bruce W. Budahn

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
_____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

05/26/2017 Tach: 3151.3, total time engine: 3372.3, TSMOHE: 1277.3. **Annual Inspection.**
 Compression check: 1-65, 2-65, 3-70, 4-70. Checked engine for security and controls for
 proper operation. Removed, cleaned, gapped, tested, and reinstalled spark plugs. Replaced
 cylinder #2 bottom spark plug with new, RHM38E plug.

Reviewed AD's through 2017.11. Operational check of engine after maintenance O.K.

The aircraft and/or component identified above was repaired and inspected in accordance with
 current regulations of the Federal Aviation Administration and is **approved for return to
 service.** 05/26/2017.

Bruce W. Budahn
 Bruce W. Budahn
 AP26875651A

I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was
 determined to be in an **Airworthy Condition.** 05/26/2017.

Bruce W. Budahn

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
May 10, 2018		Tech	3172	Changed oil - Installed 7qt Phillips X-C 20W50; replaced oil filter - Test run - ck'd for leaks - 1/2 hr - A+P 46220 7589

Date: June 5 2018	A/C Reg #: N34985	Tach Time: 3191	Total Time: 3412	TSOH: 1317	Prop TSOH: 1260
<p>Ck'd compression .040 cold :1-76/80, 2-70/80, 3-72/80, 4-70/80; ck'd timing-ok; dressed propeller; cleaned and gapped spark plugs; replaced air filter; ck'd exhaust; ck'd baffling, ck'd engine mount; ck'd engine controls; ck'd alternator; ck'd engine hoses; ck'd valve cover screws; replaced oil drain valve; replaced oil cooler top hose; replaced oil pressure hose from engine to firewall; changed oil- installed 7 qts Phillips X-C 20W50; replaced oil filter; cleaned engine; Test run- ck'd for leaks-ok</p> <p>This engine has been inspected in accordance with an annual inspection and was determined to be in an</p>					



ENGINE LOG

DATE	MAKE/MODLE	TACH	TT	SMOH	REGISTRATION	S/N
7/20/2018	LYC O-360	3216.4	3437.4	1342.4	N34985	L-18662-36A

REMOVED AND REPLACE CRANKSHAFT SEAL. POLISHED CRANKSHAFT AND INSTALLED NEW SEAL P/N LW-13792. INSPECTED, ALL SPARKPLUGS. REPLACED #1 TOP WITH NEW CHAMPION P/N RH132E. CHANGED ENGINE OIL AND FILTER INSPECTED SCREEN SERVICED TO 8 QTS PHILLIPS 20W-50 OIL AND CHAMPION CH48103-1 FILTER C/W LYC SB480E OIL AND OIL SCREEN INSPECTION, NO DEFECTS NOTED. REMOVED AND REPLACE PROPELLER GOVERNOR WITH OVERHAULED UNIT. ALL INSPECTION AND WORK WAS PERFORMED U/A/W CESSNA 177 SERIES SERVICE MANUAL AND LYCOMING DIRECT DRIVE O/H MANUAL AND APPLICABLE SERVICE INSTRUCTIONS THRU 7/20/18. PERFORMED GROUND OPERATIONAL CHECKS OF ALL SYSTEMS AS REQUIRED FOR ABOVE MAINTENANCE. NO DEFECTS NOTED.

X *[Signature]* A/P 3068364IA
JOSEPH V. LARUE A/P 3068364IA

[Handwritten note at bottom of table: ... with 7.0 to Phillips 20W50]

