

Engine Record General Information

Manufacturer Lycoming **Model** G-320-E2D

Serial L-40067-27A **Type Certificate** _____

This engine is currently installed in aircraft: N50967

Minimum Octane Fuel 80-87 **Oil Grade** Summer 20 W50 Winter 20 W50

Magneto Time _____ **Point Setting** _____ **Firing Order** _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

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.)
12.09.02	2714.9		2714.9	INSPECTED AND REMOVED IGNITION HARNESS INSTALLED NEW SLICK IGNITION HARNESS IAW SLICK MASTER SERVICE MANUAL F-1100 AND CESSNA SERVICE MANUAL SECTION 11 Jason-Heflin Sifflet ATP 227068819
12.09.02	2714.9		2714.9	INSPECTED AND REMOVED SPARK PLUGS INSTALLED 8 ea SPARK PLUGS REM 40 E IAW CESSNA SERVICE MANUAL SECTION 11 Jason-Heflin Sifflet ATP 227068819
12.09.02	2714.9		2714.9	REMOVED L/H MAGNETO AND INSTALLED MAGNETO MODEL 4371 S/N 02101686 IAW CESSNA SERVICE MANUAL SECTION 11 AND F-1100 MASTER SERVICE MANUAL Jason-Heflin Sifflet ATP 227068819
12.09.02	2714.9		2714.9	REMOVED FUEL HOSE ASSEMBLY AND REPLACED IT WITH FUEL HOSE ASSEMBLY P/N 111F417-8D-019D Jason-Heflin Sifflet ATP 227068819

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2-27-02	2737		740 SMOH	PERFORMED 100 HOUR INSPECTION I.A.W. APPLICABLE SECTIONS OF FAR PART 43 APPENDIX D AND CESSNA SERVICE MANUAL SECTION 2 AND IS APPROVED FOR RETURN TO SERVICE Jason-Heflin Sifflet A+P 227068819
2-27-02	2737		740 SMOH	COMPRESSION TEST #1-72/80, #2-74/80, #3-74/80, #4-77/80. DRAINED + SERVICED ENGINE OIL WITH PHILLIPS X-C 20W50 RETIMED MAGNETOS AND INSTALLED NEW BRACKETT AIR FILTER ELEMENT Jason-Heflin Sifflet A+P 227068819
2-22-03	2781		784 SMOH	CHANGED ENGINE OIL, FILLED SUIT WITH PHILLIPS X-C 20W50 AND ADDED ADDITIVE P/N LW-16702. RUN-UP, NO LEAKS Jason-Heflin Sifflet A+P 227068819

YEAR 2003 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.)
01-22-03	2781		784	REMOVED AND REPLACED ENGINE BAFFLE SEALS IAW CESSNA EPCW TA-8071 AND STANDARD PRACTICES Jason-Heflin Sifflet A+P 227068819
02-27-03				
06-04-03	2838		841	Changed engine oil filled sump with Phillips X-6 20-50 and added additive P/OA HW16702. Run-up no leaks Gary Delman ¹⁸³⁷⁰⁰⁰⁴
06-19-03	2857		860	INSTALLED STARTER P/N M2-6222 S/PN D012680 IAW MFG INSTRUCTIONS + C.S.M. 11-24. See NEW C/F + BK Jason-Heflin Sifflet A+P 227068819.
06-19-03	2857		860	INSTALLED ALTERNATOR DRIVE BELT P/N S1597-1-37.5 I.A.W. CSM 16-12 + 13-1-3. Jason-Heflin Sifflet A+P 227068819

2003
01-22-03

02-27-03

06-04-03

YEAR 2002 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.)
03-03	2889		892	Changed engine oil / filled sump with Phillips X-C 20-50 & added additive PN LWK6702 Run-up no-leaks Gary Oelmann #F3762264
03-03	2920		923	changed engine oil / filled sump with Phillips XC 20-50 & added additive PN LW16702 Run-up no leaks Gary Oelmann #F3762264
03-14-03	2920		923	COMPRESSION CHECK #1- $\frac{76}{80}$, #2- $\frac{73}{80}$, #3- $\frac{74}{80}$ #4- $\frac{73}{80}$, C/W AD 2000-06-01 BY TUBE MEASUREMENT. THIS I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE Jason-Heflin Sifflet ATP 227068819 IA.

YEAR 2004 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.)
3-20-04	2967		970	changed oil/filled sump with Phillips XC20-50 + added additive P/N LW 16702 run-up - no leaks Gary Nelson #83762064
6-8-04	3036		1039 smooth	CHANGED OIL/FILLED SUMP w/PHILLIPS XC 20-50 & ADDED ADDITIVE P/N LW 16702 RUN-UP NO LEAKS

Date 7/27/2004

N Number 50967

Tach Time 3102.0

Replace left mag with new Unison 4370 magneto and test run engine. All check good

Robert K. M. Knight ATP 202448183

8-07-04	3109		1112	CHANGED OIL / FILLED SUMP w/ PHILLIPS XC 20-50 + ADDED ADDITIVE P/N LW 16702 RUN-UP CHANGED GOOD <i>R. Knight</i> 1504728
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
03-04	3157.2	TSMO.H.	1159.8	Comp. #1-78, #2-76 #3-78 #4-78 Installed 4 new plugs in bottom of cyl. New Insulation on Breather O:1 Screen insp. OK - New gasket. Change O:1 6qt. Phillips XC + Additive. New Rocker box gaskets- silicone. Insp. Muffler-OK ✓ Carb Screen-OK Patch front bottle Check AD 2004-10-14C Does Not Apply. See Complete AD List. I certify that this engine has been inspected I.A.W. an Annual Insp and was determined to be in an Airworthy Condition. Wayne Bausch PID 483604083 I.A.
03-08-25	3206.2		1162	CHANGED OIL / FILLER SUMP W/ PHILLIPS 102050 ADDED ADDITIVE 2W 6702 FUN CHECKED OIL NO 2KS NOTED Ron Johnson - 2854186

YEAR 05 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.)
25-06-05	3255.6		1212	CHANGED OIL + FILLED SUMP WITH 6075 PHILLIPS 66 XC 20-50 ADDITIVE 1W 16702 EPC LOG CHECKED OK. Re: [Signature] 2854 186
8-20-05	3308.0		1265	Changed oil + filled sump with logs Phillips 66 XC 20-50 oil additive P/N 16702 Gary Nelson 483762264
10-19-05 TACH: 3325.9 TSMOH: 1328.5 Comp. #1-78 #2-74 #3-72 #4-72				Cleaned bottom plugs & installed in top holes. 4 new plugs installed in bottom cyl. Re-set Mag timing - off 2°. Bead blasted all exhaust parts, inspect and assemble w/new hardware. New Brackett element. Repaired air box baffle. Carb screen - OK. Serviced Bat. No New Eng. ADS.

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.)
10-19-05	Tach. 3325.9			I certify that this engine & prop have been inspected I.A.W. an Annual Inspection and were determined to be in Airworthy Condition. Wayne Sausch A-P 483604083 I.A.
02-26-06	3357.7		1310	CHANGED OIL + FILLED SUMP WITH 6 QUARTS PHILLIPS 66 XC-20-50 OIL ADDITIVE- P/N 16702 Per [Signature] 2854186
07-16-06	3389.9		1335	CHANGED OIL + FILLED SUMP WITH 6 QUARTS PHILLIPS 66 XC-20-50 OIL ADDITIVE P/N 16702 PER [Signature] (7200 GUS) Per [Signature] 2854186

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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10-12-07	Tach: 3500.8	TTE: 3500.8	TSMOH: 1503.45	I certify that this engine has been inspected I.A.W. an Annual Inspection and was determined to be in an Airworthy Condition. Wayne Bauersch ATP 483604083 I.A.
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10-17/08	Tach: 3554.1	TTE: 3554.1	TSMOH: 1556.75	Changed oil & cleaned oil screen. Refilled with 8 qts of Aeroshell 20W-50. Added one bottle of Lycoming engine oil additive. Cleaned carb screen & checked engine controls. Installed new Bucket air filter element. Checked mag to engine timing - ok. Cleaned battery terminals & cables. Compression check as follows #1 74/80, #2 76/80, #3 76/80, #4 74/80. Cleared mags in pop. Jay Schumann
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10-17-08	Tach: 3554.1	TTE: 3554.1	TSMOH: 1556.75	I certify that this engine has been inspected I.A.W. an Annual Inspection and was determined to be in an Airworthy Condition. Wayne Bauersch ATP 483604083 I.A.
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YEAR DATE	RECORDING TACH TIME
10-12-07	
10-17-08	
10-17-08	

Wayne Bauersch
Jay Schumann

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.)
2-5/2009	TACH: 3505.7		TSMOH: 1568.35	Drained oil & cleaned oil screen. Refilled with 8 qt Phillips XC20-50. Cleaned carb screen & jets. Checked engine controls. Checked mag timing - OK. Compression check as follows #1 75/80, #2 72/80, #3 74/80, #4 74/80. Drained pop. Jay Schuman AIP #3064656 IA
2-3/09	TACH: 3505.7	TIE: 3505.7	TSMOH: 1568.35	I certify that this engine has been inspected IAW an Annual Inspection and was determined to be in Airworthy Condition. Jay Schuman AIP 3064656 IA

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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Mar 10, 2011 Tach 3566.3 TTeng 3566.3 TSMOH 1568.95
 Changed oil. Refilled with 7qt Phillips XC 20/50. Checked &
 cleaned oil screen. Checked & lubed engine controls. Checked
 mag to engine timing - OK. Compression check as follows
 #1 74/80 #2 74/80 #3 72/80 #4 76/80. No new AD's through
 this date Jay Schumann A&P # 3064656 IA

Date: 3/10/2011 Tach: 3566.3 TTeng
 I certify that this: Aircraft / Engine has been
 inspected IAW an Annual 100hr inspection
 and has been determined to be in an airworthy
 condition. Jay Schumann A&P 3064656 IA
 signed Jay Schumann

YEAR
DATE

REGISTRATION
TAG
TIME

HOURS
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.)

2-9-2007 TACH: 3525.7 TSMCH: 1568.35
Drained oil & cleaned oil screen. Refilled with 8 qt
Phillips 10W-40. Cleaned carb screen & jets. Checked
magneto contacts. Checked mag timing - OK. Compression check
as follows #1 75/80, #2 72/80, #3 74/80, #4 77/80. Overhaul
OK. Jay Schuman ADP # 3064656 IA

2-3-05 TACH: 3525.7 TTE: 3525.7 TSMCH: 1568.35
I certify that this engine has been inspected IAW an
Annual Inspection and was determined to be in Airworthy Condition
Jay Schuman ADP 3064656 IA

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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Mar 10, 2011 Tach 3566.3 TTong 3566.3 TSMOH 1568.95
 Changed oil. Refilled with 7qt Phillips XC 20/50. Checked &
 cleaned oil screen. Checked & lubed engine controls. Checked
 mag to engine timing - OK. Compression check as follows
 #1 74/80 #2 74/80 #3 72/80 #4 74/80. No new A/D's through
 this date Jay Schumann A&P #3064656 IA

Date: 3/10/2011 Tach: 3566.3 TTAR:
 I certify that this: Aircraft / Engine has been
 inspected IAW an Annual 100hr inspection
 and has been determined to be in an airworthy
 condition. Jay Schumann A&P 3064656 IA
 signed Jay Schumann

YEAR

DATE

RECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
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.)

REG #	N50967	LOGBOOK INSERT	DATE	11/18/2019
MODEL	Cessna 172M			
SERIAL #	17264221		HOBBS	3432.9
Eng. Model	O-320-E2D		TACH	3569.4
Eng. S/N	L-40067-27A		ACTT	3569.4
<p>Engine TT: 3569.4 TSMOH: 1572.0</p> <ol style="list-style-type: none"> Completed a 100-hr Inspection IAW Cessna 172 Series Service Manual checklist. Complied with A.D. 98-02-08 IAW Lycoming MSB 505B. No corrosion pits or cracks noted at this time/date. Due each 5 years or at engine overhaul. Next due at 11/2024 or engine overhaul. Drained oil. Removed oil screen and inspected. No anomalies noted. Reinstalled screen. Serviced engine with 8 qts. Phillips 20w-50 oil. Removed oil cooler, flushed, cleaned and reinstalled. Completed compression test: #1) 79/80 #2) 76/80 #3) 78/80 #4) 20/80. Removed #4 cylinder for repair. Installed a repaired cylinder P/N LW12417 from Horizons Aircraft Engine Services, Inc. CRS# YZ8R163C Ref. W.O. 32227 using new seals and gaskets. Removed and replaced eight (8) spark plugs with new P/N REM40E. Removed and replaced induction flexible couplings and intake gaskets with new. Removed and replaced oil drain back flexible hose connections with new. Dressed, cleaned and painted propeller. Completed post maintenance run up and leak check. Both found good at this time/date. <p>I certify that this engine/prop has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition at this time/date.</p> <p>DATE <u>11/18/2019</u> Signed <u><i>Thomas W. Thunstrom</i> A/P 476860448IA</u> Thomas W. Thunstrom A/P 476860448IA</p>				

