

The Standard

ENGINE LOG

ASA-SE-1

Engine Record General Information

Manufacturer Lycoming

Model O-320-E2D

Serial L-45907-27A

Type Certificate E-274

This engine is currently installed in aircraft: N7261G


Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____


Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

YEAR 20____ 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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wo: MX 81292626 240716 JZ	Engine - page 1 of 1
 Roger Wilco Aviation Services · 700 E 31st Street · Yankton, SD 57078 · 605-299-8178	
N7261G TACH: 8232.1	LYCOMING, 0-320 SERIES, S/N: L-45907-27A SMOH: 0.0
January 07, 2025	
<p>This engine was re-installed on N7261G following an overhaul performed by Central Cylinder Services INC. CRS MY2RO22L under work order / form tracking number 22346 on form 8130-3 dated 18/NOV/2024. Post installation engine run was performed with reference to Lycoming SI-1427C and leak check was satisfactory. Performed post installation and engine run compression check with results as follows: 1. 80/80 2. 80/80 3. 80/80 4. 80/80</p> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX 81292626 240716 JZ</p>	
Dave Zimmerman Airframe & Powerplant IA 3181182 <i>DLA</i>	

YEAR 20 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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wo: MX_012925 240716 DZ		Engine - page 1 of 1
Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178		
N7261G TACH: 8266.3	LYCOMING, 0-320 SERIES, S/N: ENGINE SN TBB DZ L-45907-22A	February 15, 2025
<p>Installed McFarlane 700 series engine heater "Safe Heat Engine Heater kit No. 700", using Installation instructions for the 700 series aircraft engine heaters and the provided epoxy adhesive. This installation is a minor alteration.</p> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_012925. 240716 DZ</p>		
Dave Zimmerman Airframe & Powerplant IA 3181182 <i>DIAZ</i>		

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wo: MX_03032025

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Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178 - CRS#: RWSR491E

N7261G

LYCOMING, 0-320 SERIES, S/N: ENGINE SN TBD

March 03, 2025

TACH: 8282.9

Complied with 50 hour oil change. Ran up engine to warm the oil, shut down, removed cowling, drained oil and removed oil filter P/N AA-48110-2. Cut open filter and inspected element with no discrepancies noted. Installed new filter P/N AA-48110-2. Serviced engine with 8 qts. Phillips 20W50 XC and one 16 oz. bottle of Cam Guard supplement. Post maintenance engine run and leak check satisfactory. Re-installed engine cowling.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_03032025.

Dave Zimmerman Airframe & Powerplant IA 3181182

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or

DA _____ wo: MX_012925 Engine - page 1 of 1



Roger Wilco Aviation Services · 700 E 31st Street · Yankton, SD 57078 · 605-299-8178 · CRS#: RWSR491E

N7261G **LYCOMING, 0-320 SERIES, S/N: L-45907-27A** **April 04, 2025**
TACH: ~~8245.4~~ 8330.122

Performed a 100 hour inspection using an inspection guide that conforms to the scope and detail set forth by 14 CFR, part 43 appendix D. Cylinder compressions: 1=79 2=76 3=79 4=77 Cleaned and gapped spark plugs, checked oil screen (no discrepancies), removed oil filter and cut open for inspection (no discrepancies), swapped #1 & #3 CHT P/N 86252 probes for troubleshooting. Installed new Oil Filter AA48110-2 and serviced engine with 8 qts. Phillips 20w50 XC and Cam Guard. Post maintenance engine run and leak check satisfactory.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_012925.

Dave Zimmerman Airframe & Powerplant IA 3181182 *D Zimmerman*

YEAR
20
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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wo: MX_04072025



Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178

N7261G
TACH: 8345.5

LYCOMING, 0-320 SERIES, S/N: ENGINE SN TBD

L-45907-27A Dz



April 23, 2025

Removed old primer line P/N 1700121-094 to the number one cylinder and installed a new line same P/N provided by Aerotar Inc. under work order AWO-4412 on 8130-3 dated 04/04/2025. Post maintenance leak and function check satisfactory. Installed P/N 1700121-94 - Primer Assembly.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_04072025.

Dave Zimmerman Airframe & Powerplant IA 3181182

YEAR 20 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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wo: MX_04072025	Engine - page 1 of 1
	
Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178	
N7261G TACH: 8377.5	LYCOMING, 0-320 SERIES, S/N: L-45907.27A
May 23, 2025	
<ul style="list-style-type: none"> Performed 50 hour inspection. Drained oil and removed filter P/N AA48110-2, cut open filter and inspected element with no discrepancies found. Took oil sample and sent to Blackstone for analysis. Installed new oil filter P/N AA48110-2, torqued and saftied. Filled engine with 7.5 qts Phillips 20W50 XC and .5 qt Cam Guard additive. Inspected all engine components, hoses and lines for condition and security, inspected engine mount and flexible isolators, all items found with no discrepancies at this time. Post maintenance run and leak check satisfactory. 	
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_04072025.	
Dave Zimmerman Airframe & Powerplant IA 3181182 	



Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178

Technician or

N7261G
TACH: 8429.7

LYCOMING, 0-320 SERIES, S/N: L-45907.27A
SMOH: 199.0

July 11, 2025

Performed 100 hour inspection. Drained oil and removed filter P/N AA48110-2, cut open filter and inspected element and oil screen with no discrepancies found. Took oil sample and sent to Blackstone for analysis. Installed new oil filter P/N AA48110-2, torqued and safetied. Filled engine with 8 qts Phillips 20W50 XC. Inspected all engine components, hoses and lines for condition and security, inspected engine mount and flexible isolators, all items found with no discrepancies at this time. Post maintenance run and leak check satisfactory at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_04072025.

Dane Allison Airframe & Powerplant IA 386651

YEAR 20 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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wo: MX_04072025

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Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178

N7261G

TACH: 8478.8

LYCOMING, 0-320 E2D, S/N: L-45907.27A

SMOH: 246.7

August 15, 2025

- Performed 50 hour inspection. Drained oil and removed filter P/N AA48110-2, cut open and inspected with no discrepancies found. Took oil sample and submitted to Blackstone for analysis. Installed new oil filter P/N AA48110-2, torqued and saftied. Serviced engine with 8 qts. 20W50XC and Cam Guard. Performed post maintenance engine run and leak check / satisfactory. Inspected engine mount, all lines, hoses, and cables for security and interference, no discrepancies noted at this time.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Roger Wilco Aviation Services under work order: MX_04072025.

Dave Zimmerman Airframe & Powerplant IA 3181182

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
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20
DATE

wo: MX_09082025



Engine - page 1 of 1 or

Roger Wilco Aviation Services - 700 E 31st Street - Yankton, SD 57078 - 605-299-8178

N7261G
TACH: 8528.4

LYCOMING, O-320 E2D, S/N: L-45907.27A
SMOH: 297.7

October 01, 2025

- Complied with Annual / 100 hour inspection using the Cessna 172 Series (1969-1976) Service Manual Inspection Guide meeting the requirements of 14 CFR Part 43 appendix D.
- Compressions: #1 79/80 #2 78/80 #3 78/80 #4 78/80
- Drained oil, removed oil filter and cut open to inspect, no discrepancies noted.
- Took oil sample and submitted to Blackstone for analysis.
- Installed new oil filter P/N CH48110-1
- Inspected oil screen with no discrepancies.
- Serviced engine with 8 qts. Phillips 20W50 XC and 16 oz. Cam Guard additive.
- Performed post maintenance engine run and leak check with no discrepancies at this time.

The maintenance above was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Further details can be found on Roger Wilco Aviation Services work order MX_09082025

Dave Zimmerman Airframe & Powerplant IA 3181182

