

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.)

MAKE Continental MODEL O-470-R S/N 131361-5-R
 Total Time _____ Hours Time Since Major Overhaul: ZERO Hours

This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual X30586A New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this logbook.

Assembled engine with crankcase repaired by DIVCO, WDC# 113257. Installed cam/lifter kit P/N EQ6994 new from CMI. Installed cylinder kits P/N SA470065-A21P new from Superior. Installed magnetos left, P/N BL-500556-1, S/N D15IA291R, and right, P/N BL-500556-1, S/N D15IA294R rebuilt by CMI. Installed oil cooler P/N 627392, S/N 467 overhauled by Skyline Accessories. Supplied carburetor P/N 10-4893-1, S/N MSB82901 overhauled by Marvel-Schebler. See A.D. Compliance Record and Parts List for more details.

-----END-----

All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:

Work Order #

7442

Date

21/Dec/2015

Poplar Grove Airmotive, Inc.

Poplar Grove Airport, Poplar Grove, IL

FAA Approved Repair Station 

David Mason 

Signed for Poplar Grove Airmotive, Inc.

YEAR

20

DATE

Gateway Air Service, Inc. IKW/Midland, MI

Date: 12-30-2015 Tach: 4613.88 TSO: 0.0

Installed this overhauled engine, 0-470R, s/n: 131361-5-R.
Installed an overhauled mount with all new attachment
hardware. Installed engine with new Barry mounts and
attachment hardware. (Torques to spec) Installed a new
muffler and all new attachment hardware and gaskets.
Installed an overhauled prop governor. Installed all new
baffle seals and hoses. Serviced the oil with mineral
Aeroshell 80/40wt. Run-up checked O.K. Test flight
checked O.K. Returned to service.

Tests, Repairs and Alterations
me, Rating and Certificate Number of
back pages for other specific entries)

Serviceable Accessory or Part

UNIT Governor MODEL 34-828-01 T.S.O. 0.00Inspection ☒ Overhauled ☒ Repaired ☐ Modified ☐Serial No's. 21776

The Aircraft and or component identified above was repaired or inspected in accordance with
current Federal Air Regulations and was found airworthy for return to service with respect to
work performed. Pertinent details of the repair are on file at this agency under Work.

Order No. # 45999Date Dec 31-15

Signed

for

H & S PROPELLER SHOP, INC - CERT. NO
WHITE LAKE, MI. 48386
PHONE:

SEE OTHER SIDE

Aircraft

Owner

YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
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Description of Inspections, Tests, Repairs and Alterations
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12-30-2014

Tach: 6235.8

Serviced the oil & filter.

2-2-2020

Tach: 6278.10

Serviced the oil & filter.

3-13-2020

Tach: 6302.57

100hr. insp. per FAR part 43. Comp: 1-76, 2-76, 3-76, 4-77, 5-77, 6-76. Serviced the oil & filter. 4/13/20
Inspected mount attachments, fuel screens, exhaust manifold & engine controls. Run-up V.I. O.K.

I certify that this engine has been inspected I.A.W. a 100hr. insp. & has been determined to be in airworthy condition.

YEAR
20____
DATE

Gateway Air Service Inc.

48D/Clare, MI

@yahoo.com

Date: 3-13-2020 Tach: 6320.1 TSO:

Installed an OH alternator. s/n: A203073. Ops checked O.K.

Todd Tarlton

IA

Gateway Air Service, Inc. 48d/Clare, MI

@yahoo.com

Date: 5-3-2020 Tach: 6363.8 TSO: 1749.9 TSTO: 504.93

Serviced the oil and filter. W100Plus. Insp: compressions, engine controls, sparkplugs and fuel screen

Repaired forward left baffle.

Returned to service as airworthy.

Todd Tarlton [REDACTED] IA

IA

Gateway Air Service, Inc. 48d/Clare, MI

@yahoo.com

Date: 5-30-2020 Tach: 6390.57

Date: 5-30-2020 Tach: 6390.57
Serviced the oil and filter. (W100Plus) Installed a new air filter. Compressions all 77/80. Installed 6 pc
new sparkplugs. Adjusted timing at both mags. Ops checked O.K.

new sparkplugs. Adjusted timing at both mags. Ops checked O.K.

Todd Tarlton

MA

YEAR

20

DATE

Gateway Air Service, Inc.

48D/Clare, MI

[REDACTED]@yahoo.com

Date: 7-1-2020 Tach: 6410.0 TSO: 1797.1 STO: 551.13

100 hr. Inspection performed in accordance with FAR part 43 and Continental manuals. Comp: 1-76, 2-76, 3-76, 4-76, 5-77, 6-76. Serviced the oil and filter. (W100Plus) Insp: mount attachments, engine controls, fuel screens and exhaust/mufflers. Inspected/cleaned the sparkplugs. Inspected the timing and adjusted. Installed a new air filter. Washed the engine. Applied CorrosionX at all mount connections and steel parts. Run-up checked O.K. Inspected the prop and dressed the blades. Inspected/updated the A.D. compliances to date.

I certify that this engine and prop have been inspected in accordance with an 100hr. inspection and have been determined to be in airworthy condition.

Todd Tarlton

IA

Gateway Air Service, Inc.

48D/Clare, MI

[REDACTED]@yahoo.com

Date: 8-4-2020 Tach: 6450.2 TSO: 1837.3 STO: 591.33

Serviced the oil and filter. W100 Plus

Todd Tarlton

IA

N2430X

Gateway Air Service, Inc.

48D/Clare, MI

[REDACTED]@yahoo.com

Date: 8-25-2020 Tach: 6482.36

Installed OH vac pump. (216CW, s/n: 0C3X02) Ops checked.

Todd Tarlton

IA

Tests, Repairs and Altera

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back pages for other specific e

Gateway Air Service, Inc.

48D/Clare, MI

[REDACTED]@yahoo.com

Date: 9-1-2020 Tach: 6493.12 TSO: 1880.22 STO: 634.25

N7867B

Annual Inspection performed in accordance with FAR part 43 and Continental manuals. Comp: 1-70, 74, 3-77, 4-75, 5-74, 6-75. Serviced the oil and filter. (W15/50) Insp: mount attachments, engine controls, fuel screens and exhaust/mufflers. Inspected/cleaned the sparkplugs. Repaired muffler heatshield. Inspected the air filter. Washed the engine. Applied CorrosionX at all mount connections and steel parts. Run-up checked O.K. Inspected the prop and dressed the blades. Inspected/updated A.D. compliances to date.

I certify that this engine and prop have been inspected in accordance with an Annual Inspection and have been determined to be in airworthy condition.

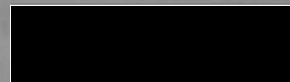
Todd Tarlton

IA

YEAR
20
DATE

Gateway Air Service, Inc.

48D/Clare, MI



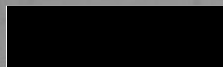
[Redacted]@yahoo.com

Date: 10-1-2020 Tach: 6536.12 TSO: 1923.22 STO: 677.25

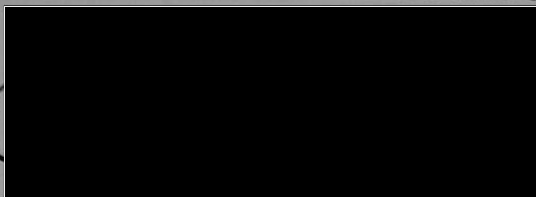
Serviced the oil and filter. Comp: 74/80 x6. Cleaned the sparkplugs and installed 6pc. RHM40E.

Run-up checked O.K.

Todd Tarlton



IA



Iteration
Number of
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Gateway Air Service, Inc.

48D/Clare, MI



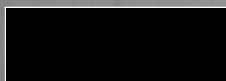
[Redacted]@yahoo.com

Date: 11-1-2020 Tach: 6588.0 TSO: 2018.1 N2430X

100hr. inspection performed in accordance with FAR part 43 and Continental manuals. Comp: 1-75, 2-74, 3-72, 4-74, 5-75, 6-75. Serviced the oil and filter. W15/50 Inspected: mount attachments, engine controls, fuel screens and exhaust/muffler. Installed a new air filter. Installed 6pc. new sparkplugs. Dressed the prop and inspected the spinner assembly. Reviewed and updated the A.D. compliances. Run-up checked O.K.

I certify that this engine and prop have been inspected in accordance with a 100hr. inspection and have been determined to be in airworthy condition.

Todd Tarlton



IA



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YEAR
20
DATE

RECORDING

TODAY'S

TOTAL

Description of Inspections Tests Repairs and Alterations

Gateway Air Service, Inc.

48D/Clare, MI

[redacted]@yahoo.com

Date: 12-01-2020 Tach: 6628.0

Serviced the oil and filter. (W15/50) Ops checked O.K.

Todd Tarlton

IA

1-1-21

Tach: 6672.0

Serviced the oil & filter. 15/5

Comp: 1-74, 2-67, 3-75, 4-74, 5-75, 6-75.

100 hr. inspection completed. Man-up
checked O.K. [redacted] [redacted] IA

Date: 2-9-2021 Tach: 6678.0

Installed an OH alternator. (s/n: 6060392, Model: DOFF103000)

Ops checked O.K.

Todd Tarlton

IA

YEAR
20
DATE

Gateway Air Service, Inc.

48D/Clare, MI

[REDACTED]@yahoo.com

Date: 3-30-2021 Tach: 6744.29 TSO: 2174.39 N2430X

Annual inspection per FAR part 43 and Continental manuals. Comp: 1-74, 2-74, 3-74, 4-75, 5-77, 6-77. Serviced the oil and filter. 15/50 w/camguard Insp: mount attachments, engine controls exhaust/muffler and fuel screens. Installed a heat shield at an intake tube. Washed the engine. Inspected the prop and spinner assembly. Dressed the prop blades. Washed the engine. Reviewed and complied with applicable A.D.'s. Run-up checked O.K.

I certify that this engine and prop have been inspected in accordance with an Annual inspection and have been determined to be in airworthy condition.

Todd Tarlton [REDACTED] A [REDACTED]

5-1-21

Tach: 6785.70

Serviced oil & filter. Camguard

Comp: 1-77, 2-77, 3-77, 4-78, 5-77, 6-78.
Installed all new sparkplugs.

[REDACTED] [REDACTED]