

# AIRCRAFT MAINTENANCE RECORDS

**N** 3905T

# ENGINE LOG BOOK



# AIRCRAFT MAINTENANCE RECORDS

Owner PRECISION FLIGHT SERVICES

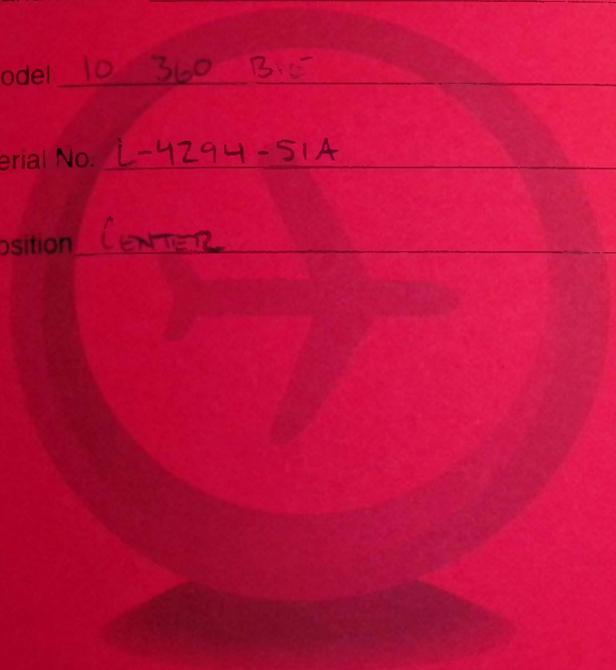
Aircraft Registration **N** 3905T

Manufacturer LYCOMING

Model IO 360 B1G

Serial No. L-4294-S1A

Position CENTER



# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

**CA  
FOR**

1 of 1

ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1298-06-2019

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE 4/18/2019  
A/C TSN 6043.7  
ENG TT  
TSMOH 910.5  
TACH 1022.6

**Engine Entries**

Performed 50 HR Inspection and Oil Change. Removed and Replaced 8 quarts of Phillips 20W-50. Installed new oil filter PN CH48110-1 torqued 18 FT LBS. Cut Filter, no defects noted. Washed engine for inspection. Run up and leak test satisfactory. All Work IAW AMM

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1298-06-2019. Dated 4/18/2019

DATE: 4/18/2019

SIGNED: 

Work Order: 1298-06-2019

Colton Lobitz, A&amp;P 3849387

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1444-11-2019

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE 11/13/2019  
A/C TSN 6068.1  
ENG TT  
TSMOH 934.9  
TACH 1047

**Engine Entries**

Performed 50 HR Inspection and Oil Change. Removed and Replaced 8 quarts of Phillips 20W-50. Installed new oil filter PN CH48110-1 torqued 18 FT LBS. Cut Filter, no defects noted. Washed engine for inspection. Run up and leak test satisfactory. Pulled plugs, cleaned and inspected. Compression check #80 #1 74 #2 70 #3 72 #4 74. All Work IAW AMM

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1444-11-2019. Dated 11/13/2019

DATE: 11/13/2019

SIGNED: 

Work Order: 1444-11-2019

Colton Lobitz, A&amp;P 3849387

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1 of 1

ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1534-03-2020

**SouthCo Aviation LLC**

3602 Thunderbird Road  
Houma, La 70363  
Phone: 985-868-7958

DATE 3/30/2020  
A/C TSN 6072.9  
ENG TT  
TSMOH 939.7  
TACH 1051.8

**Engine Entries**

Performed Annual Inspection IAW FAR Part 43 Appendix D using PA28R-180 inspection checklist a guide. Performed compression test over 80 PSI #1/74, #2/70, #3/72, #4/74. Drained engine oil and serviced with 8 Qts. Phillips XC 20W50. Replaced oil filter with new Pn CH48110-1. Inspected old filter with no defects noted. Removed, cleaned, gapped, inspected, and rotated spark plugs. AD 15-19-07 "External Fuel Injector Lines" complied with per AD instructions. Next Due 110 hours 161.8 (6182.9)

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1534-03-2020. Dated 3/30/2020

DATE: 3/30/2020

SIGNED: 

Work Order: 1534-03-2020

Gavin Gravois, IA 2714799

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1733-04-2021

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE 10/21/2020  
A/C TSN 6087  
ENG TT  
TSMOH 953.8  
TACH 1065.9

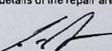
**Engine Entries**

Found sheared off cylinder base studs on #2 jug. Remove engine SN L-4294-51A from aircraft for overhaul on October 21, 2020 at Tach. 1065.9 (6087.0)

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1733-04-2021. Dated 10/21/2020

DATE: 10/21/2020

SIGNED: 

Work Order: 1733-04-2021

Colton Lobitz, A&amp;P 3849387

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1733-04-2021

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone 504-909-9022

DATE 3/29/2021  
A/C TSN 6087  
ENG TT  
TACH 1065 9

IRK

**Engine Entries**

This is to certify that the engine as described here, Lycoming IO-360-B1E SN: L-4294-51A, has been OVERHAULED to new limits in accordance with the applicable Lycoming specifications, L114BH, 602494-7-14, PC-406-1, and SB240W. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable FAA AD and Lycoming SB's have been complied with. All accessories as part of type certificate are new or overhauled. Engine has been tested IAW Lycoming Overhaul Manual Section 9 Test Procedures with Calibrated Equipment. Installed Surefly SIM4P IAW with STC SE04348CH, STC SA04378CH and Installation Instruction SF1001. Installed Airplane Flight Manual Supplement and following instructions for Continued Airworthiness Document SF2005.

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1733-04-2021, Dated 3/29/2021.

DATE 3/29/2021

SIGNED

Work Order: 1733-04-2021

Colton Lobitz, A&P 3849387

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 1733-04-2021

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone: 504-909-9022

DATE 5/11/2021  
A/C TSN 6091.7  
ENG TT  
TSMOH 4.7  
TACH 1070.6

**Engine Entries**

Performed Annual Inspection IAW FAR Part 43 Appendix D using PA28R-180 inspection checklist a guide. Performed compression test over 80 PSI #1/78 #2/78, #3/76 #4/78. Drained engine oil and serviced with 8 Qts. Phillips XC 20W50. Replaced oil filter with new Pn CH48111-1. Inspected old filter with no defects noted. Removed, cleaned, gapped, inspected, and rotated spark plugs. AD 15-19-07 "External Fuel Injector Lines" complied with per AD instructions. Next Due 100 hours Tach: 1170.6 (6191.7).

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1733-04-2021, Dated 5/11/2021.

DATE 5/11/2021

SIGNED

Work Order: 1733-04-2021

Colton Lobitz, A&P 3849387

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5-11-2021  
T.T. 6091.7  
"I certify that this ENGINE has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition"

Colton Lobitz, A&P 3849387 I.A.

ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 2020-06-2022

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone 504-909-9022

DATE 12/21/2021  
A/C TSN 6099.7  
ENG TT 12.7  
TSMOH 12.7  
TACH 1078.6

**Engine Entries**

Performed ENG Inspection and Oil Change. Removed and Replaced 8 quarts of Phillips 20W-50. Installed new oil filter PN CH48110-1 torqued 18 FT LBS. Cut Filler. No defects noted. Washed engine for inspection. Run up and leak test satisfactory.

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2020-06-2022, Dated 12/21/2021.

DATE 12/21/2021

SIGNED

Work Order: 2020-06-2022

Colton Lobitz, A&P 3849387

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**SUB-TOTAL THIS PAGE**

**TOTAL - CARRY FORWARD TO NEXT PAGE**

# AIRCRAFT MAINTENANCE RECORD

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**CAR  
FORW**

ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 2019-06-2022

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone 504-909-9022

DATE 6/23/2022  
A/C TSN 6117 5  
ENG TT 30 5  
TSMOH 30 5  
TACH 1096 4

**Engine Entries**

Performed Annual Inspection IAW FAR Part 43 Appendix D using PA28R-180 inspection checklist a guide. Performed compression test over 80 PSI: #1/79, #2/77, #3/78, #4/76. Drained engine oil and serviced with 8 Qts Phillips XC 20W50. Replaced oil filter with new Pn CH48111-1. Inspected old filter with no defects noted. Removed, cleaned, gapped, inspected and rotated spark plugs. AD 15-19-07 "External Fuel Injector Lines" complied with per AD instructions. Next Due 100 hours Tach 1196.4 (6217.5)

**Maintenance Release**

I certify that this aircraft and/or component(s) on N3905T was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2019-06-2022. Dated 6/23/2022.

DATE: 6/23/2022

SIGNED: 

Work Order: 2019-06-2022

Colton Lobitz, IA 3849387

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 2344-09-2023

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone 504-909-9022

DATE 11/29/2022  
A/C TSN 6146 4  
ENG TT 59 4  
TSMOH 59 4  
TACH 1125 3

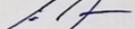
**Engine Entries**

Performed ENG Inspection and Oil Change. Removed and Replaced 8 quarts of Phillips 20W-50. Installed new oil filter PN CH48111-1 torqued 18 FT LBS. Cut Filter, no defects noted. Washed engine for inspection. Run up and leak test satisfactory.

**Maintenance Release**

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2344-09-2023. Dated 11/29/2022.

DATE: 11/29/2022

SIGNED: 

Work Order: 2344-09-2023

Colton Lobitz, A&amp;P 3849387

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ENGINE MODEL IO-360-B1E  
ENGINE S/N L-4294-51A  
REG NO N3905T  
WORK ORDER 2344-09-2023

**Precision Flight Service, INC.**

126 Jack Pine Lane  
Ponchatoula, La 70454  
Phone 504-909-9022

DATE 5/17/2024  
A/C TSN 6167 2  
ENG TT 80 2  
TSMOH 80 2  
TACH 1146 1

**Engine Entries**

Performed Annual Inspection IAW FAR Part 43 Appendix D using PA28R-180 inspection checklist a guide. Performed compression test over 80 PSI: #1/78, #2/76, #3/78, #4/76. Drained engine oil and serviced with 8 Qts Phillips XC 20W50. Replaced oil filter with new Pn: CH48111-1. Inspected old filter with no defects noted. Removed, cleaned, gapped, inspected, and rotated spark plugs. AD 15-19-07 "External Fuel Injector Lines" complied with per AD instructions. Next Due 100 hours Tach: 1246.1 (6267.2)

**Maintenance Release**

I certify that this aircraft and/or component(s) on N3905T was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2344-09-2023. Dated 5/17/2024.

DATE: 5/17/2024

SIGNED: 

Work Order: 2344-09-2023

Colton Lobitz, IA 3849387

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**SUB-TOTAL THIS PAGE****TOTAL - CARRY FORWARD TO NEXT PAGE**

# AIRCRAFT MAINTENANCE RECORD

Page No. \_\_\_\_\_

Date	Total Time	DESCRIPTION OF WORK PERFORMED
		SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK

**CARR  
FORMA**

2618-08-2024 (09-01-2024)

Page 1 / 1

MAKE: Piper  
MODEL: Pa-28R-180  
S/N: 28R-30239  
REG. NO: N3905T  
ENGINE MAKE: LYCOMING  
ENGINE MODEL: IO-360-B1E  
ENGINE SN: L-4294-51A

**Precision Flight Services, INC.**  
126 Jack Pine Lane  
Ponchatoula, La 70454

W/O #: 2618-08-2024  
DATE: 09-01-2024  
A/C TT: 6191.8  
A/C Tach: 1170.7  
TSMOH: 104.8

**Engine Entries**

(2) Drained engine oil and serviced with 8 Qts. Phillips XC 20W50. Replaced oil filter with new Pn: CH48111-1. Inspected old filter with no defects noted.

Maintenance Release

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2618-08-2024, Dated 09-01-2024.

DATE: 09-01-2024

SIGNED:

Colton Lobitz  
A&P or IA Number: 3849387

WORK ORDER: 2618-08-2024

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2618-08-2024 (11-13-2024)

Page 1 / 1

MAKE: Piper  
MODEL: Pa-28R-180  
S/N: 28R-30239  
REG. NO: N3905T  
ENGINE MAKE: LYCOMING  
ENGINE MODEL: IO-360-B1E  
ENGINE SN: L-4294-51A

**Precision Flight Services, INC.**  
126 Jack Pine Lane  
Ponchatoula, La 70454

W/O #: 2618-08-2024  
DATE: 11-13-2024  
A/C TT: 6223.7  
A/C Tach: 1202.6  
TSMOH: 136.7

**Engine Entries**

(2) Drained engine oil and serviced with 8 Qts. Phillips XC 20W50. Replaced oil filter with new Pn: CH48111-1. Inspected old filter with no defects noted.

Maintenance Release

The aircraft and/or component(s) on N3905T was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2618-08-2024, Dated 11-13-2024.

DATE: 11-13-2024

SIGNED:

Colton Lobitz  
A&P or IA Number: 3849387

WORK ORDER: 2618-08-2024

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2827-05-2025 (07-08-2025)

Page 1 / 1

MAKE: Piper  
MODEL: Pa-28R-180  
S/N: 28R-30239  
REG. NO: N3905T  
ENGINE MAKE: LYCOMING  
ENGINE MODEL: IO-360-B1E  
ENGINE SN: L-4294-51A

**Precision Flight Services, INC.**  
126 Jack Pine Lane  
Ponchatoula, La 70454

W/O #: 2827-05-2025  
DATE: 07-08-2025  
A/C TT: 6254.0  
A/C Tach: 1232.9  
TSMOH: 167.0

**Engine Entries**

(2) Performed Annual Inspection IAW FAR Part 43 Appendix D using PA28R-180 inspection checklist a guide. Performed compression test over 80 PSI. #176, #274, #376, #475. Drained engine oil and serviced with 8 Qts. Phillips XC 20W50. Replaced oil filter with new Pn: CH48110-1. Inspected old filter with no defects noted. Removed, cleaned, gapped, inspected, and rotated spark plugs. Repaired baffling in as required. Removed, repaired, and installed throttle and mixture cable rod ends with new cotters; Checked travel on pedestal for proper clearances. Cleaned and lubed engine and components.

Maintenance Release

I certify that this aircraft and/or component(s) on N3905T was inspected in accordance with an Annual Inspection and approved for return to service. All work was performed in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 2827-05-2025, Dated 07-08-2025.

DATE: 07-08-2025

SIGNED:

Colton Lobitz  
A&P or IA Number: 3849387

WORK ORDER: 2827-05-2025

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