

JA Flight Services
Aurora Airport
630-549-2152

Date: 11/10/2023

Cessna

150

N10518


S/N 15074900

Tach: 5447.80

TTIS:
5447.80

Removed Engine and replaced with repaired, M/N O-200-A, S/N 250785. See Engine Log Entry dated 10/02/2023 for further repair details. Installed engine using 8 new Rubber Grommets, P/N J-3608-1, 3 new bolts, P/N AN6-43A, 1 new Bolt, P/N AN6-44A, and 8 new Washers, P/N AN960-616. Installed Overhauled Alternator, P/N DOFF10300F, S/N H-X081246. Installed 2 new Alternator Rubber Shock Absorbers, P/N 632050. Installed new Primer Line Assy, P/N 0400311-128. Installed new Shimmy Damper Assy, P/N SE1051-2, S/N LK14460. Installed new Engine Air Intake Filter, P/N BA-4108.

All operational checks proved satisfactory at this time. All work was completed IAW Cessna 150 MXM and AC43.13-1b.

Ethan Reimer A&P AP4520712 Date: 11/10/23 Signature: 

JA Flight Services
Aurora Airport
630-549-2152

Date: 12/04/2023

Cessna

150

N10518

S/N 15074900

Tach: 5462.90

TTIS:
5462.90

Removed and replaced broken flap indicator cable spring, P/N 0413416-4.

All operational checks proved satisfactory at this time. All work was completed IAW Cessna 150 MXM and AC43.13-1b.

Ethan Reimer A&P AP4520712 Date: 12/4/23 Signature: 

JA Flight Services
Aurora Airport
630-549-2152

Created
01/19/2024

Cessna

150

N10518


S/N 15074900

TACH: 5495.30

TTIS: 5495.30

Completed 100 hour inspection IAW FAR 43 Appendix (D) using JAFS checklist. Complied with AD 2011-10-09 effective June 17, 2011: Seat Rail inspection. No discrepancies noted at this time. Next due at TACH: 5595.3 OR 01/31/2025, whichever comes first. Complied with AD 80-11-04 effective June 2, 1980: Aft Fin Nut Plate Inspection. No discrepancies noted at this time. Next due at TACH: 5595.3. Inspected, cleaned, and lubricated airframe. Cleaned, inspected, and lubricated landing gear. Verified operation of exterior lights. AD's checked through Bi-Weekly 2024-01. Performed ELT function test IAW FAR 91.207(D). ELT battery due 03/30/2024. All work done IAW Cessna 150 AMM and AC 43.13-1B.

All operational checks proved satisfactory at this time. I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Ethan Reimer A/P: 4520712 Date: 1/19/24 Signature: 

JA Flight Services
Aurora Airport
630-549-2152

Date: 01/24/2024

Cessna

150

N10518

S/N 15074900

Tach: 5496.20

TTIS:
5496.20

Disassembled nose strut. Replaced all O-rings with new, P/N: TCNS-1. Reassembled and serviced with MIL-H-5606 hydraulic fluid and dry shop air. Leak check satisfactory. Replaced 6 cowl mounts: top middle 2 and bottom most 2 on LH and RH side with new, P/N: SK2003-14A.

All operational checks proved satisfactory at this time.

Christopher Sedlock A/P: 4745393 Date: 1/24/24 Signature: 

JA Flight Services
Aurora Airport
630-549-2152

Date: 02/14/2024

Cessna


150


N10518

S/N 15074900

Tach: 5514.00

TTIS:
5514.00

high voltage light found working in reverse of intended operation. troubleshoot entire charging system electrical harness and found no issues with shorts, open wires, and grounds, missing voltage, or any other electrical issues. all systems work and function as intended, except the high voltage light. The suspected issue is that the high voltage light may be wired incorrectly behind the panel. no issues are present that would impeded upon the safety of flight of this aircraft, regarding the charging system. reconnected landing light wires in the forward of the firewall. aircraft is approved for return to service.
disassembled over voltage light on dash panel is 

Ethan Reimer A&P AP4520712 Date: 2/14/24 Signature: 

Removed Leaking Brake Caliper Bleeder Screw from R/H Side. Replaced with new, P/N 079-00300. Bled brakes with Mil-h-5606 Hydraulic fluid.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150 MXM and AC43.13-1b.

Ethan Reimer A&P 4520712 Date: 3/12/24 Signature: 

Airframe Maintenance Entry for N10518

DATE: 04/19/2024
ETT: UNKN
PTT: 5554.9

ACTT: 5554.9

TACH: 5554.9
ETSOH: 107.1
PTSOH: 2867.8


1. COMPLIED WITH ANNUAL INSPECTION AT 100 HOUR INTERVAL THIS DATE I/A/W FAR43 APPENDIX "D"
2. #1-73/80, #2-65/80, #3-74/80, #4-72/80.
3. COMPLIED WITH OIL CHANGE, DRAINED OIL, REMOVED OIL FILTER AND CUT OPEN FOR A VISUAL INSPECTION. NO DFETCS NOTED AT THIS TIME. INSTALLED A NEW OIL FILTER AA48108-2 AND SERVICED WITH 6 QUARTS AEROSHELL 80W.
4. CLEANED, GAPPED, TESTED AND ROTATED SPARK PLUGS.
5. ADJUSTED MAGNETO TO ENGINE TIMING.
6. REPLACED FUEL GASCOLATOR BOWL, STANDPIPE, PLUNGER WASHER AND NUT. D FUEL GASCOLATOR SCREEN.
7. CLEANED FUEL PRIMER NOZZLE.
8. DRAINED FUEL BOWL AND CLEANED INLET SCREEN.
9. REPLACED TIRE, TUBE, WHEEL BEARINGS, RACES, FELT SEALS AND SHIMS ON LEFT WHEEL
10. REPLACED TIRE, TUBE, SHIMS, WHEEL BEARINGS, BRAKE DISC, BRAKE TORQUE PLATE, AND BRAKE PADS ON THE RIGHT WHEEL.
11. CLEANED AND PACKED NOSE WHEEL BEARING.
12. REPLACED LKEFT AND RIGHT LANDING GEAR FAIRINGS P/N: RA0441216-5 AND -6.
13. LUBRICATED AIRFRAME USING SERVICE MANUAL AS A GUIDE.
14. REPLACED ENGINE INTAKE FILTER ELEMENT BA-4108. DUE 5325.4 TACH TIME.

Page 1 of 2

15. REPLACED VACUUM FILTER RAB3-5-1. DUE 5325.4 TACH TIME
16. REPLACED INSTRUMENT FILTER AAD9-14-5. DUE 5725.4 TACH TIME OR 03 30 2024.
17. FAR 91.207(d) COMPLIED WITH BY A VISUAL AND OPERATIONAL INSPECTION. DUE 04/30/2025.
18. REPLACED ELT BATTERIES. DUE 04/30/2025.
19. AD 76-07-12R1 BENDIX MAGNETO SWITCH COMPLIED WIYH BY AN OPERATIONAL INSPECTION. NO DEFECTS NOTED AT THIS TIME. DUE 5654.9 TACH TIME.
20. AD 80-11-04 CRACKED NUTPLATES COMPLIED WITH BY A VISUAL INSPECTION. NO DEFECTS NOTED AT THIS TIME DUE 5654.9 TACH TIME
21. AD 2011-10-09 SEAT RAIL INSPECTIONS COMPLIED WITH BY A VISUAL AND OPEARTIONAL INSPECTION. NO DEFECTS NOTED AT THIS TIME. DUE 5654.9 TACH TIME.
22. AD'S CHECKED THROUGH 2024-07.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL / 100 HOUR INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITON. THIS AIRCRAFT IS RETURNED TO SERVCIE THIS DATE.

Michael S. Lawson

Signature: 

Wings Aviation Inc. 4601 Murvihill Rd. Valparaiso IN 46383 219-462-6622 wingsaviationvpz.com

Certificate No. AP305723533LA

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Strobes reported inop. Removed and replaced switch with new, P/N TA201-TW-8.

Ethan Reimer A&P 4520712 Date: 4/29/24 Signature:

Removed and replaced battery with new, P/N: RG-25XC.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition.
All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Christopher Sedlock A/P: 4745393 Date: 5/15/24 Signature:

Each 5594.80 TTIS 147.00 TSOH 147.00

48108-1. Complied with AD 96-12-22: Oil Filter Adar
OR next time oil filter is removed. Serviced engine w

At this time, I certify that this engine has been inspected
 Jon. All work was completed IAW Cessna 150L AMM and .

Date: 5/25/24 Signature: _____

Created 05/29/2024 N10518 Cessna 150L S/N 15074900 Tach 5594.80 TTIS 5594.80

Removed alternator and replaced with used, P/N DOFF10300FR, S/N H-X022044. Removed and replaced Voltage Regulator with new, P/N R15100, S/N D13010.

operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition.
work was completed IAW Cessna 150L MXM and AC43.13-1b.

Relmer A&P 4520712 Date: 5/29/24 Signature:

Sold 06/13/2024 N10518 Cessna 150L S/N 15074900 Tach 5615.30 TTIS 5615.30

and L/H Seat broken. Removed and replaced with used from N704UW.

Operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition.
Work was completed IAW Cessna 150L MXM and AC43.13-1b.

Belmer A&P 4520712 Date: 6/13/24 Signature:

2024 N10518 Cessna 150L S/N 15074900 Tach 5616.40 TTIS 5616.40

Replaced alternator with newly overhauled, P/N: DOFF10300F S/N: H-Y051063. See attached paperwork for further information. Replaced transmitter to be cause of ammeter flickering and alternator failure, replaced transmitter with new, P/N: MC0426517-1.

Checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition.
Completed IAW Cessna 150L AMM and AC43.13-1b.

136 A/P: 4745393 Date: 6/14/24 Signature:

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13b. Authorized Signature:		13c. Date:
13d. Name (Typed or Printed):		

and that the existence of this document alone does not constitute compliance with the national regulations of the publisher airworthiness authority.

User/Installer

Drained oil. Removed and cut filter. Examined for debris, none found. Replaced filter with new, P/N: CH48103-1. Serviced engine with 6 quarts of Aeroshell W100+ and 1 bottle of AvBlend. Removed and replaced cylinder #1 with newly overhauled kit, P/N: 6674. Installed new cylinder base nuts, P/N: 652422 and 652421. Replaced intake rocker arm with new, P/N: 639614. Replaced push rods with new, P/N: 537870. For further information regarding cylinder kit, cylinder base nuts, push rods, or intake rocker arm, see attached paperwork. Re-timed LH magneto to engine. Performed run up leak check, no discrepancies noted at this time.

All operational checks proved satisfactory at this time. I certify that this engine has been inspected and was determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Christopher Sedlock A/P: 4745393 Date: 6/25/24 Signature: 

Created 06/26/2024 N10518 Cessna 150L S/N 15074900 Tach 5617.20 TTIS 5617.20

Pilot reported Ammeter showed negative discharge on towards end of flight. Found ACU plug had come loose during flight. Re-secured plug and tested charging system. No further discrepancies noted at this time.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L MXM and AC43.13-1b.

Ethan Reimer A&P 4520712 Date: 6/26/24 Signature: 

Created 07/09/2024 N10518 Cessna 150L S/N 15074900 Tach 5623.00 TTIS 5623.00

Removed LH fuel level sending unit. Replaced unit with new, P/N: 05-00282 and installed with new gasket, P/N: S1588-1. Replaced alternator with used, P/N: DOFF10300F.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Christopher Sedlock A/P: 4745393 Date: 7/9/24 Signature: 

Created 07/10/2024 N10518 Cessna 150L S/N 15074900 Tach 5623.30 TTIS 5623.30

Pilot reported Airspeed inop. Removed pitot tube mast and blew out backwards with compressed air. Removed Mud and debris from inside mast. Air speed gauge was ground tested and worked as intended.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L MXM and AC43.13-1b.

Ethan Reimer A&P 4520712 Date: 7/10/24 Signature: 

MAKE: Cessna
MODEL: 150L
S/N: 15074900
REG. NO: N10518
WORK ORDER: 10855-07-2024



J.A. Air Center
Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630.584.3200

DATE: 06 August, 2024
A/C TSN: 5646.4
TACH: 5646.4

Airframe Entries

- 1 Complied with Altimeter & Static Tests to 20,000 feet in accordance with Part 43 appendix E paragraphs (a) and (b), as required by 14 CFR 91.411, using the procedure as defined in ASTM Standard F3229/F3229M-F, titled "Standard Practice for Static Pressure System Tests in Small Aircraft" this date United 5934P S/N 94201
Complied with Altitude reporting system and transponder tests to 20,000 feet in accordance with Part 43 appendix F as required by 91.413.
King KT-76A S/N 40881

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 10855-07-2024, Dated 06 August, 2024.

DATE: 06 August, 2024

SIGNED: 

Mike Bargman
Certified Repair Station No. NF2R029L

Work Order: 10855-07-2024

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10 second inter gauge.
3. Install plugs at RPM for 2 min period, for 3 min
4. Make mag chonds, correct a
5. Fly for 30-40 to determine
6. The change after oil consu

Completed 100 hour inspection IAW FAR 43 Appendix (D) using JAFS checklist. Complied with AD 2011-10-09 effective June 17, 2011: Seat Rail Inspection. No discrepancies noted at this time. Next due at TACH: 5746.4 OR 08/31/2025, whichever comes first. Complied with AD 80-11-04 effective June 2, 1980: Aft Fin Nut Plate Inspection. No discrepancies noted at this time. Next due at TACH: 5746.4. Inspected, cleaned, and lubricated airframe. replaced intake air filter with new, P/N BA-4108. removed and replaced carb heat box with new, P/N 641534. Installed rudder stop kit, P/N SK152-25C. Work was accomplished IAW supplied service kit installation instructions. When reinstalling rudder, replaced the following with new parts: x3 bushing P/N MC0532104, x3 TCM Nut P/N MS21042L4, x3 AN960-416L, x3 Bolt P/N AN4-10A. Cleaned, inspected, and lubricated landing gear. Verified operation of exterior lights. AD's checked through Bi-Weekly 2024-15. Performed ELT function test IAW FAR 91.207(D). ELT battery due 04/30/2025. *Test down and found no issues at this time* *Custom Sell*
All operational checks proved satisfactory at this time. I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. All work was completed IAW Cessna 150L MXM and AC43.13-1b. *CPL 4402724*

Created 08/22/2024 N10518 No IFR Cessna 150L S/N 15074900 Tach 5656.70 TTIS 5656.70

Pilot Reported "Transmitting on comms inop. When PTT pushed, you can't hear yourself, neither can tower or ground hear you. Issue was on both pilot and instructor side". Verified proper operation of radios with handheld radio and headset. Issue could not be duplicated at this time.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L MXM and AC43.13-1b.

Created 10/01/2024 N10518 VFR XC only Cessna 150L S/N 15074900 Tach 5680.90 TTIS 5680.90

Removed and replaced dead battery with new, P/N: RG-25XC.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Created 07/09/2025 N10518 VFR XC only Cessna 150L S/N 15074900 Tach 5686.20 TTIS 5686.20

Removed engine, P/N: O-200-A48 S/N: 250785. Removed starter, P/N: BC320-1 S/N: 2B30M2U995. Installed used engine, P/N: O-200-A S/N: 214089-72A as removed from N5299Q. Installed used starter, P/N: C12ST2 S/N: 2CC-161509 using new gasket, P/N: SA35217. Transferred vacuum pump and alternator from previous engine. Replaced oil temperature sensor gasket with new, P/N: 654849.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Created 07/09/2025 N10518 VFR XC only Cessna 150L S/N 15074900 Tach 5686.20 TTIS 5686.20

Removed Continental O-200-A48 S/N: 250785. Removed starter, P/N: BC320-1 S/N: 2B30M2U995.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

Topped off LH brake master cylinder with MIL-H-5606 hydraulic fluid and bled brakes. Installed Continental O-200-A S/N: 714089-72A.

All operational checks proved satisfactory at this time. I certify that this airframe has been inspected and determined to be in airworthy condition. All work was completed IAW Cessna 150L AMM and AC43.13-1b.

christopher Sedlock A/P: 4745393 Date: 07/09/2025 Signature: CS 

[illegible]

[illegible]