

CCX-2000-0115

ENGINE LOG BOOK



Engine Log & Maintenance Record

LOG #: _____

RECORD OF _____
(MAKE) (MODEL) (SERIAL)

AIRCRAFT REGISTRATION NUMBER: _____

FROM _____ 20 _____ TO _____ 20 _____

DETAILING TIME FROM _____ TO _____
(HOURS) (HOURS)

If used on a multi-engine aircraft: _____ Right _____ Left _____ Front _____ Rear

Reciprocating Engine Certificate of Conformance

This is to certify that the engine described hereinafter has been assembled / ground operation tested in accordance with the detailed bill of materials as prescribed by CubCrafters. All applicable Lycoming Service Publications have been complied with at time of assembly. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING

Part Number YENPL-RT11117
Serial Number CC363i-2110
Engine Model CC363i (YIO-360-EXP128)
Work Order KM768846
Total Time 0

Charles Hess 12/9/20
Authorized Representative Date

Cage Code 1XP50 AS9100 Registered

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2830 Rev. 01/19

Engine Log

Serial # _____

| Date | Time Run (Hours) | Total Time Since Overhaul | Repairs, Adjustments, Service, Remarks | Signature | Licence |
|---|------------------|---------------------------|--|-------------|---------|
| BR | Date: 2/25/2021 | N#: N58QT | S/N: CCX-2000-0115 | CUBCRAFTERS | |
| <p>This engine was installed new on aircraft. It has been service with <u>7</u> quarts of Aeroshell <u>80</u>.</p> <p>Intake Manifold S/N: <u>0118</u></p> <p>CubCrafters Authorized Technician: <u>Jon Clements</u> Print Name: <u>Jonathon Clements</u></p> | | | | | |

| | | | |
|---|-----------|--------------------|-------------|
| Date: 7/15/21 | N#: N58QT | S/N: CCX-2000-0115 | CUBCRAFTERS |
| Tach: <u>11.8</u> | | | |
| <p>Drained oil, removed filter. Cut filter open and checked for metal. No metal found. Installed new ch48108-1 oil filter and serviced with <u>6</u> qts Aeroshell <u>100</u> mineral oil. Ran up and leak checked, no leaks found.</p> <p><u>Jason Bass</u> 3022009A&P</p> | | | |

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|--|----------|--------------------|-------------|
| Date: 7-17-21 | N#: 58QT | S/N: CCX-2000-0115 | CUBCRAFTERS |
| Tach: <u>35.3</u> | | | |
| <p>Drained oil, removed filter. Cut filter open and checked for metal. No metal found. Installed new ch48108-1 oil filter and serviced with <u>6</u> qts Aeroshell <u>15/50W</u> mineral oil. Ran up and leak checked, no leaks found.</p> <p><u>Jason Bass</u> 3022009A&P</p> | | | |

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|--|-------------------------|--|---|--|
| <p><i>Integrity Automotive, LLC</i> <i>Hangar 54</i> <i>Hejner - Easley Airport</i> <i>Wagoner, OK</i> <i>(918)-640-7817</i></p> | | | <p>Engine</p> <p>Tach: 105.8</p> <p>Hobbs:</p> <p>SMOH: 100.8 (SNEW)</p> <p>ENG. TTIS: 100.8</p> | |
| PO No: verbal | Customer: Tony Howerton | Reg. No: N58QT | S/N: CC361-2110 | |
| <p>Engine de-cowled to facilitate an Experimental Category ANNUAL / CONDITION INSPECTION IAW CubCrafters Maintenance Manual Appendix A and FAR Part 43 Appendix D, as applicable.</p> <p>1) Engine warmed, oil drained and filter removed for internal pleating media inspection - no metal found. Oil sample taken for routine analysis.</p> <p>2) Serviced engine with 7 qts. Aeroshell W15W50 engine oil and installed and safetied new Champion oil filter P/N CH48108-1.</p> <p>3) Removed induction filter, inspected, cleaned and re-installed in lower cowl assembly.</p> <p>4) Performed borescope inspections of all cylinders noting bore, head and valve conditions found as normal and consistent with engine hours time in service. Some excess accumulations of oil noted in some cylinder bottoms.</p> <p>5) Performed hot compression checks on all cylinders with results as follows: 1-75, 2-74, 3-76 and 4-76.</p> <p>6) Removed, cleaned, inspected and bomb tested all spark plugs, checked gaps between .032 - .040". reinstalled plugs and plug bushings - torqued bushings to 40 Lb./Ft. and plugs to 20 Lb./Ft.</p> <p>7) Cleaned electric fuel boost pump filter, installed filter cover using "Fuel Lube" sealant/lubricant and safetied. Performed leak test - found good.</p> <p>8) Removed gascolator screen, visually inspected, cleaned and reinstalled using existing serviceable o-ring seal.</p> <p>9) Post-maintenance engine run-up performed for general operation and leak checks - all found good.</p> <p>10) Review of manufacturer's SB's, SI's and FAA AD's revealed no safety of flight publications have been issued on this engine model as of this date.</p> <p>This engine has completed an Annual / Condition Inspection, was found to be in an airworthy condition and is returned for service on this date.</p> | | | | |
| <p>Date: 4/2/22</p> | | <p><u>James P. Stiles</u> A&P 3412843 IA</p> | | |

Engine Log

Serial # CC363i-2110

| Date | Time Run (Hours) | Total Time Since Overhaul | Repairs, Adjustments, Service, Remarks | Signature | Licence # |
|-----------------|------------------|---------------------------|---|--------------------|-----------|
| BROUGHT FORWARD | | 100.8 | | | |
| 12/06/22 | 37.3 | 138.1 | Oil/Filter change CH48108-1 7qt W15W-50 | <i>[Signature]</i> | 2807103 |

| | | | | |
|---|---------------------------------------|----------------|--|--|
| Integrity Airotive, LLC Hanger 54 Hefner - Easley Airport Wagoner, OK (918)-640-7817 | | | Engine Tach: 160.4 Hobbs: SMOH: 160.4 (SNEW) ENG. TTIS: 160.4 | |
| PO No: verbal | Customer: Tony Howerton | Reg. No: N58QT | S/N: CC361-2110 | |
| Engine de-cowled to facilitate an Experimental Category ANNUAL / CONDITION INSPECTION IAW CubCrafters Maintenance Manual Appendix A and FAR Part 43 Appendix D, as applicable. 1) Engine warmed, oil drained and filter removed for internal pleating media inspection - no metal found. Oil sample not taken at this inspection. 2) Serviced engine with 6.5 qts. Aeroshell W15W50 engine oil and 9 oz. CamGuard oil additive. Installed and safetied new Champion oil filter P/N CH48108-1. Oil level "cold" after changed is noted at 7 qts overall. 3) Removed induction filter, re-installed owner pre-cleaned/oiled spare filter in lower cowling assembly. Customer to order new filter for next inspection. 4) Performed borescope inspections of all cylinders noting bore, head and valve conditions found as normal and consistent with engine hours time in service. Some excess accumulations of oil noted in some cylinder bottoms. All head combustion residue build-ups appear normal for engine time in service. 5) Performed hot compression checks on all cylinders with results as follows: 1-77, 2-74, 3-78 and 4-76. 6) Removed, cleaned, inspected and bomb tested all spark plugs, checked gaps between .032 - .040". reinstalled plugs and plug bushings - torqued bushings to 40 Lb./Ft. and plugs to 20 Lb./Ft. 7) Inspected and cleaned electric fuel boost pump "Andair" filter, re-installed cleaned filter and safetied. Performed leak test - found good. 8) Removed gascolator screen, visually inspected, cleaned and reinstalled using existing serviceable o-ring seal. Installed new bowl cotter pin. 9) Post-maintenance engine run-up performed for general operation and leak checks - all found good. 10) Review of manufacturer's SB's, SI's and FAA AD's revealed no safety of flight publications have been issued on this engine model as of this date. This engine has completed an Annual / Condition Inspection, was found to be in an airworthy condition and is returned for service on this date. | | | | |
| Date: 5/5/23 | <i>[Signature]</i> James P. Stiles | | A&P 3412843 IA | |

1/6/2024 Engine Hours 171.5, Total Hours 181.6

N58QT Engine Log Entry

- Removed complete engine cowling.
- Drained engine oil. Removed and inspected oil filter. No abnormal contamination was noted in the oil filter.
- Serviced engine W/7 Quarts Aeroshell 15W50 oil and new AA48108-2 oil filter.
- Performed engine run to normal operating temperature. Adjusted idle mixture and idle RPM to 650 RPM. Operational and leak checks were good.
- Reinstalled complete engine cowling.

[Signature]
William Dorothy A&P 3504028

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Page Total: _____

Brought Forward: _____

Total to Date: _____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number MUST be shown.

Serial # _____

5

Serial # _____

5

Serial # _____

Page Total: _____

Brought Forward:_____

Total to Date:_____

All repair data must bear the endorsement of a certified mechanic, and his/her rating and certificate number **MUST** be shown.