

## ENGINE DESCRIPTION

MANUFACTURER CONTINENTAL MODEL O-470-L

SERIAL NUMBER 69399-8-L-R DATE OF MANUFACTURE INSTALLED 3-11-69 TT#1988.1

RATED BHP \_\_\_\_\_ RPM \_\_\_\_\_ MANIFOLD PRESSURE \_\_\_\_\_

FUEL REQUIRED OCTANE/PERFORMANCE \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

REGISTERED OWNER \_\_\_\_\_

STREET NO. \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

Annual



## INSTALLATION RECORD


[illegible]

Annual



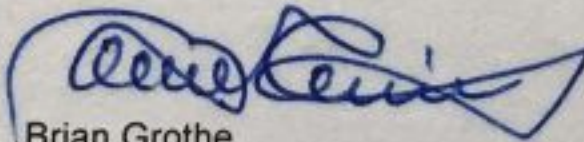
## INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10/15/16	TACH 313.5	OIL FILTER / AND OIL CHANGED - OIL SAMPLE SENT OUT APP - <i>[Signature]</i> - END



**Aircraft**  
**TURBINEWORKS, INC.**  
Airframe/engine/prop/turbine/inspection/repair  
/hotsection/Authorized Raisbeck Dealer

**Cessna 182C S/N: 52630 N8730T Tach: 317.2 1/19/2017**  
 Removed spark plug style sensor and replaced CHT probe with new;  
 reinstalled spark plug and lead, tested ok.  
 Changed oil and filter; serviced with Aeroshell 100WPlus. Took oil sample  
 and sent out to Aviation Laboratories for analysis.



Brian Grothe  
AP1800620

ATT 5024.9  
 ETT 3037.3  
 HTSB 1215.8  
 TS-TOP 42.8

Annual





**Aircraft**

**0. Hour Meter**

**TURBINeworks, INC.**

Airframe/engine/prop/turbine/inspection/repair  
/hotsection/Authorized Raisbeck Dealer

Cessna 182C S/N: 52630 N8730T ATT: 5046.8 Tach: 339.1 5/2/2017  
Engine

Complied with annual inspection IAW FAR 43 App (d)

Complied with 100 hr. engine inspection

Performed compression checks: 1) 74/80, 2) 76/80, 3) 75/80, 4) 77/80,  
5) 77/80, 6) 77/80

Removed magnetos P/N: 10-79020-10, S/N: 3071681, 3071678 and  
reinstalled after overhaul; timed mags to 22 degrees BTC per data plates and  
ran.

This aircraft has been inspected IAW FAR 43 App (d) and is found to be in  
airworthy condition.

Brian Grothe  
AP1800620IA

## ANCE RECORD

TION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.

DATE

The subject aircraft, N8730T, was involved in an  
accident/incident at Valkaria FL on 5-6-18  
rendering it beyond economical repair per insurance policy provisions.  
For further information refer to claim file #: H18152955  
Signed by: [Signature] Date: 12-14-18  
Old Republic Aerospace, Inc.  
Suite 350, Kennesaw, GA 30144 (770) 590-4950



# INSPECTION & MAINTENANCE RECORD

DATE

TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



Elite Air Service 300 Airport Rd. Coldwater, MI 49036 (517) 278-6516

January 10, 2019 TTAF: 5132.1 TACH: 424.4 CESSNA 182 C N8730T SERIAL# 52630

CONTINENTAL O-470-L, SERIAL #69399-8-L-R, TSMOH: 1297.9, TSTOH: 150.0

Aircraft inspected from damage from 05/06/2018 and was found to have repaired to an airworthy condition crank flange round out >.001" serviced with Aeroshell W80 40 wt 12 qts full CH 48109-1 filter timing checked @22 degrees BTDC compression check all > 73/80 adjusted alternator belt. I certify that this powerplant has been inspected IAW an 100hr inspection and was determined to be in an airworthy condition.

Joel E. Newton

574306216IA



# INSPECTION & MAINTENANCE RECORD

DATE



ELITE AIR SERVICE

01/22/2020 N8730T Cessna 182C Continental O-470-L serial# 69399-8-L-R SMOH: 1345.6 TTE: 3134.5

Performed Annual inspection per FAR 43 appendix "D" check list. Aircraft run up satisfactory no discrepancies noted. Cylinder compression #1-70/80, #2-62/80, #3-72/80, #4-60/80, #5-76/80, #6-64/80, master orifice 42/80. Oil changed with Phillips XC 20W50, 12 qts. Filter checked and replaced with AA48109, normal use contents found in cut filter. All spark plugs cleaned, gaped and tested. Engine control cables lubed with corrosion X. Air filter clean and oily. Magnetos removed, Impulse couplings checked for wear, both found to be satisfactory AD05-12-06, see list. Both installed at 22 degree's BTDC. Exhaust shroud removed, muffler & exhaust inspected, no discrepancies noted. Carb venture checked tight, throttle shaft checked tight. Washed engine, firewall, and mount with solvent. Cleaned cowl, reinstalled. Post inspection run up, no discrepancies noted, see check sheet. I certify that this engine has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Joel E. Newton 574306216 A&P IA

A handwritten signature in blue ink, appearing to read 'Joel E. Newton'.



# INSPECTION & MAINTENANCE RECORD



08/20/2020 N8730T C-182C TCM 0-470-L ser# 69399-8-R TACH: 527.3 SMOH: 1400.5 STOH: 252.6

TTENG: 3189.4. Drained oil, pulled oil filter, cut open found normal carbon deposits, no discrepancies noted. New filter installed AA48104, torque & safety wired. Filled sump with 11 qts Phillips XC 20W50 oil. All spark plugs cleaned, gapped, and tested. New p/n MS17840-1 gaskets installed torque 30 ft lbs with champion sparkplug anti seize. Post work run up no discrepancies noted. FAR 43.9 (3) Jeff Chatfield & Brian Klenoski.

Joel E. Newton A & P pending

*Joel E. Newton*



TOTAL  
TIME

INSPECTION OR MAINTENANCE PERFORMED  
AGENCY & CERTIFICATE NO.



ELITE AIR SERVICE

09/29/2020 N8730T C-182C TCM O-470-L ser# 69399-8-R TACH: 546.4 SMOH:1419.6 TTAF: 4256.6

Removed all spark plugs, Installed new Champion REM 40E plugs, checked gap. Installed new harness assembly P/N KA11978. Mag timing set on 22 degree's BTDC both mags. Cessna 100 series 1962 and prior maintenance manual D138-1-13 and TCM O-470 overhaul manual X30022A used as reference. Tech Jeff Chatfield FAR 43.9 Aircraft post maintenance run up no discrepancies noted.

Joel Newton A & P 4389274



# INSPECTION & MAINTENANCE RECORD

TOTAL

INSPECTION OR MAINTENANCE PERFORMED



ELITE AIR SERVICE

11/11/2020 N8730T C-182 TCM O-470-L serial #69399-8-R TACH: 563.7 SMOH: 1436.9 STOH:289.0

Aircraft ran up to operating temperature, no discrepancies noted. Removed engine cowl, drained oil. Oil filter removed, opened no discrepancies noted. Oil filled with 12 qts Phillips XC 20W50. Replaced oil filter with AA48109 torque & safety wire. Oil cooler gaskets P/N 832372 and 625303 gaskets changed. Washed engine with solvent. Post maintenance run up no discrepancies noted.

Joel Newton A & P 4389274

*Joel S. Newton*



# INSPECTION & MAINTENANCE RECORD



## ELITE AIR SERVICE

03/11/2021 N8730T C-182C Cont. O-470-L ser# 69399-8-L-R TACH: 571.0 SMOH: 1444.4 TTAF:5264.9

Performed annual inspection per FAR 43 Appendix "D" check list. All AD's through bi-weekly 2021-04 listed and complied with. Aircraft run to operating temperature. Removed cowl and drained oil. Cylinder compression test per Cessna SB03-3 performed master orifice 44/80. #1-62/80, #2-43/80, #3-46/80, #4-73/80, #5-72/80, #6-70-80. #2 & #3 cylinder removed and replaced with overhauled units, with new top end gasket kit P/N SA470-T2. All spark plugs cleaned, gapped and test, no discrepancies noted, new gaskets installed P/N MS17840-1. Oil service with Aeroshell Mineral Oil 50 WT 12 qts. Removed oil filter cut open, no discrepancies noted. Installed new oil filter P/N CH48109-1. New left & right magneto installed P/N 10-79020-10 left serial # I-09380 and right serial # J-01314 timing set at 22 degree BTDC both magneto's, magneto gaskets P/N 534750 . Engine & cowl cleaned with solvent. Air element changed P/N BA-8103-1 Post inspection test run satisfactory, no discrepancies noted. Reference Cessna 100 series Service Manual D138-1-13 dated 02/62. Cessna 182 IPC P259-12 R1 dated 06/92. TCM Service and overhaul Manual X30022A dated 03/76. TCM IPC X-30023A dated 11/75. I certify that this engine has been inspected IAW an annual inspection and it was determined to be in an airworthy condition.

*BNA 321171 IA*