

YEAR 2018 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.)
1/24/18	4380.70			Changed oil and oil filter [redacted] [redacted]

ENGINE MODEL:
10-520-BB (14)
ENGINE S/N: 236743-R
REG. NO: N101HL
WORK ORDER: 200756

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2378

DATE: 8/8/2017
A/C TSN: 4314.7
ENG TT: 879.4
TACH: 4314.7

Engine Entries

The cylinder compression was checked with the following results: #1, 72/80 #2, 72/80 #3, 74/80 #4, 74/80 #5, 74/80 #6, 76/80 psi. Master orifice 42/80. Cut open oil filter and no metal found. The oil and filter was changed and serviced with 11 quarts of AeroShell W100+ and a new CH48109-1 filter. Installed new terminal on P lead on R/H magneto.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 8/8/2017

SIGNED: [redacted]

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200756

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04-18-2018 Tach = 4384 hrs. Total Time = 3277 hrs. SMOH = 949 hrs. Oil not changed at this time. Replaced all spark plugs with new Champion RHB32E. Checked magneto timing and synchronization. Inspected induction and exhaust systems. Replaced oil filler cap gasket with new P/N 642892. Compression as follows: 1) 78/80, 2) 74/80, 3) 78/80, 4) 78/80, 5) 78/80, 6) 77/80. AD 2016-16-12, 09/15/2016, to be complied with by replacement of all cylinders at 1160 hrs. Time in service of cylinders. Washed out engine compartment, hand washed belly of aircraft. Ran up and leaked checked, no defects observed. I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition this date. [redacted] [redacted]

Engine Record General Information

Manufacturer: Teledyne Continental

Model IO-520 BB(14)

Serial: 236743-R

Type Certificate: ESCE REVISION 25

**This engine is currently installed
in aircraft:** A36 N20651

Minimum Octane Fuel: 100/100
LL

Oil Grade *Summer:* 50W
Winter: 40W

Magneto Time: 22° BTC

Spark Plug Gap: .016 - .021

Firing Order: 1-6-3-2-5-4

**Manufacturer's Recommended
TBO at 1700 hours**

Comments:

YEAR
20
DATE

04-18-2018 Tach and Total Time = 4384 hrs. Lubed controls, pulleys, hinges, rod ends, landing gear, engine controls. Checked battery, fuel strainer, tire pressures. ELT checked in accordance with FAR PT. 91.207d 1-4, replaced batteries dated, March 2027, new remote battery installed PX28A dated 2022, switch placed in the arm position. Replaced air filter element with new BA7112. New Gyro filter installed RAD9-14-5. Replaced taxi lamp with new GE4596. Resealed LH brake using new O-rings 2ea.-MS28775-222. Replaced main landing gear wheel bearings & cups with new 4ea.-13886-20629 & 4ea.-13889-20629, cleaned-repacked nose wheel bearings. New upper Striker plate installed for cargo door, P/N 36-430012-47. Replaced right main fuel bladder with new from Aero Tech Services P/N 380135AT-10 S/N 1006, replaced fuel bay tape with new as required, outboard fuel sending unit's grommet, P/N 330865. Filled tank and checked for leaks, no defects observed. Removed both tip tanks and sent in for repair/reseal, reinstalled after leaked checked. Replaced Tip-tank supply hoses with new from Aviall P/N 193000-4D0140. Replaced wing tip tanks fuel cap O-rings with new. Removed and reinstalled electric landing gear motor after overhaul from George's Electrical W.O. # 13022, dated 17-APRIL-2018 see 8130-3 tag, P/N 58-380090-1 S/N 11092 using new thrust washer P/N 105090CR032-4E, washer was not installed. Jacked aircraft and performed retraction tests. Readjusted down limit switch for proper braking point leaving 1/4 turn on hand crank. Reinstalled Strike Finder Display P/N 2000-021-009 S/N 2070 after repair/upgrade for LED display from Insight Instruments W.O. # 32291, dated 03/20/2018. Upgraded Insight Engine Temp. Monitor system to 610C "G3" in accordance with STC SA02930NY, dated 8/7/2014. Continued next page.

AP. [REDACTED] 17

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

4-18-2018 Tach 4384 hrs. TT. P/N GEM-610C-363-U S/N 1875 installed in original position with assoc. wiring. See 337 form. Weight & Balance negligible. Added Flight Manual Supplement to Aircraft's P.O.H. Adjusted Engine control's friction tension. Complied with AD 76-07-12, 08/30/1977, Para: (1, a, b, c) Ignition switch grounding checked, next due 4484 hrs. Total Time. AD 95-04-03, 04/07/1995, Spar Inspection will be due at 4428 hrs. Total Time. AD 2016-16-12, 09/15/2016, to be complied with by replacement of all cylinders at 1160 hrs. Time in service of cylinders, (Tach Time 4595 hrs.). See complete AD listing in separate section in folder. I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition this date.

AP. [REDACTED] 17

20
DATETACH
TIME

FLIGHT

TIME IN
SERVICEDescription 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.)

REGISTRATION N# CHANGE

During touch-up/partial painting/painting

Previous N# 101 HL New N# 191 HLSerial # E-1437 Registration # N191 HLPainted on: 11/3/17 Work order # 1049Per: (effective date) 10/17/17 FAA form 8050-64Signed [REDACTED] Certificate # [REDACTED]

KRACON AIRCRAFT - REPAIR STATION No. NU3R723L

MAKE: Beech
MODEL: A-36
S/N: E-1437
REG. NO: N101HL
WORK ORDER: 200756

Clear Star Aviation

Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376DATE: 8/8/2017
A/C TSN: 4314.7
TACH: 4314.7

Airframe Entries

Complied with Pre Buy inspection..Inspected wing panels and no faults found..Inspected empennage and no faults found..Installed bushing in L/H inboard cowl flap hinge, ops check satisfactory..Installed new Garter filter p/n RAB3-5-1..Secured rubber baffling by replacing two rivets on RH engine baffle and four rivets on LH engine baffle..Replaced one rivet on RH FWD engine cowl door baffle seal fairing..Removed R/H tip tank and torqued fuel sending unit gasket.

This aircraft/component is determined to be in airworthy condition is ok for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 8/8/2017

SIGNED: [REDACTED]

Work Order: 200756

Longaker, Doug
Certified Repair Station No. 5CSR009B

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