

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19			

7/29/17 Tach 827 E+H 2063 Ignition 1578 Compressions: 160, 210, 373, 4570, 570, 672. No Oil Change. Pulled filter checked for contaminants none found. Installed Ch48108-1 filter & 2. Serviced plugs, checked mag timing, checked engine hardware. Run-up. Op deb, & leak check good.

Date 7/29/17 Tach 827 TT 2963
I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition.
Signed [Signature]

8/2/18 Tach 827 E+H 2068 + smott 1564 Compressions: 174, 270, 373, 474, 570, 670. drained oil & cut filter, checked for contaminants, none found. Installed Ch48108-1 & 2963 Aeroshell 15W50. Pulled #2 & #4 cyls for exhaust stud replacement & cleared pipe. Installed 2 0/Hd cylinders with new ring gaskets. Replaced 3 intake cone fit rubbers. Serviced plugs, checked mag timing, checked base on all engine hardware. Run-up. Op checks & leak check good.

Date 8/2/18 Tach 827 TT 1584
I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an airworthy condition.
Signed [Signature]

Serial Number
Reg. Number
Remove balance
Remove
Remove ops ch
Remove
Kevin

September
Model 6310
Performed
Aerospace
inspected
seal, rotor
Disassembled
satisfactory
spring. E
manual
This ma
Bulletin
part.

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

19-
82118 Tach 827 AFH 2986 P 443. Jacked A/C. Cycled gear
checked emergency extension - good. Replaced air filter. Replaced BP-105
EZ battery. Replaced light exhaust risers. Replaced all 4 engine mounts
Replaced all fuel oil hoses, exhaust installed with all new hardware & gaskets
Replaced generator belt. Replaced flap rollers as needed. Re-labeled the
quantity on start tanks. (see FAR 91.207(d) visual function test & good)
Battery drc 7/20/20. Checked all airframe
panels. Checked tire & tension of all control
surfaces. Lubed all moving parts as required.
Gw AD 11-10-99 seat tracks & 76-07-12R1
ign switch - good. Properly inspected &
painted fuel

Date	Tach	TT
82118	827	2986
I certify that this aircraft has been		
inspected in accordance with an Annual		
inspection and was determined to be in an airworthy		
condition		
Signed: [Redacted]		

ATC transponder tests & inspections required by FAR 91.413
were performed this date and found to comply with FAR 43,
Appendix F.

Make Nova Model AT 80 S/N: N/A
Details on file under Work Order No. 19119
Date 12-11-19 Signature [Redacted]
Freedom Avionics Co. CRS No. FB6RZZIK
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021
N9568X

MAKE: CONTENINAL

Model: IO-470-S

Serial Number: 102033-1-S

Reg. Number: N9568X

Invoice #: 2018000077



DATE: 10/27/2018

A/C TSN: 2997.5

Tach Time: 836.5

ENG TT: 2992.5

ENG TSMOH: 1587.5

8220 Fuller St.

Casper, Wy. 82604

307-401-0990

Removed Delco-Remy starter and replaced with new SKY-TEC C12ST4 light weight starter. Complied with calculating new weight & balance form. New S/N ON: H-S08947.

Removed original Starter Solenoid and installed with new SKY-TEC STS-S12 Solenoid. No change in weight and balance.

Removed and Reinstalled Magnetos after 500 Hr inspection and Overhaul. Timed magnetos to engine and performed engine run for ops check. Ops checked good at this time.

Removed and replaced all 12 spark plugs as needed.

Kevin L. Haggard

Date: 10/27/2018

September 12, 2018 Tach: 836.5

Model 6310 S/N: 97090719

Performed 500-hr inspection in accordance with Champion Aerospace Manual, P/N L-1363G. Magneto disassembled, cleaned, inspected, and reassembled with new Slick contact kit, condenser, seal, rotor gear, distributor gear brush, bearings, and key. Disassembled and inspected impulse coupling and found satisfactory for continued service. Reassembled impulse with new spring. Bench tested magneto in accordance with Chapter 8 of manual and found output to meet or exceed published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

Paul A. Brevard

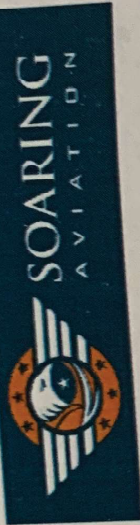
September 12, 2018 Tach: 836.5

Model 6310 S/N: 97090724

Performed 500-hr inspection in accordance with Champion Aerospace Manual, P/N L-1363G. Magneto disassembled, cleaned, inspected, and reassembled with new Slick contact kit, condenser, seal, rotor gear, distributor gear brush, bearings, and key. Disassembled and inspected impulse coupling and found satisfactory for continued service. Reassembled impulse with new spring. Bench tested magneto in accordance with Chapter 8 of manual and found output to meet or exceed published minimums. This magneto is in compliance with all applicable ADs and Service Bulletins and is approved for return to service as an uninstalled part.

Paul A. Brevard

MAKE: Continental
Model: IO-470-S
Serial Number: 102033-1-S
Reg. Number: N9568X
Field Service #: FST19-0090



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 04/24/2019
A/C TSN: 3020.8
Tach Time : 859.8
ENG TT: 3015.8
ENG TSMOH: 1610.8

1) Drained engine oil and took oil sample, removed oil filter. Cut open oil filter and inspected for contamination, none noted at this time.
Installed new oil filter P/N: AA48108-2 and serviced engine with 12 Qts of Aeroshell 15W50 engine oil. Performed engine run for leak check,
no leaks noted at this time.

Kevin L. Haggard

Date: 04/24/2019

MAKE: Continental
Model: IO-470-S
Serial Number: 102033-1-S
Reg. Number: N9568X
Field Service #: FST19-0132



8220 Fuller St.
Casper, Wy. 82604
307-401-0990

DATE: 07/03/2019
A/C TSN: 3069.3
Tach Time : 908.3
ENG TT: 3064.3
ENG TSMOH: 1659.3

1) Drained engine oil and removed oil filter. Cut open oil filter and inspected for contamination, none noted at this time.
Installed new oil filter P/N: AA48108-2 and serviced engine with 12 Qts of Aeroshell 15W50 engine oil. Performed engine run
for leak check, none noted at this time.

Kevin L. Haggard

Date: 07/03/2019

MAKE: Continental
Model: IO-470-S
Serial Number: 102033-1-S
Reg. Number: N9568X
Field Service #: INV 19-00275



DATE: 01/25/2020
A/C TSN: 3103.6
Tach Time : 942.6

ENG TT: 3098.6
ENG TSMOH: 1693.6

8220 Fuller St.
Casper, Wy. 82604
307-401-0990

1) Complied with Engine 100 Hr./Annual Inspection in REF. with Cessna 210B Service Manual Inspection Checklist and FAR 43 appendix d as a guide. 2) Complied with AD Research through 01/25/2020 using TDATA Bi-Weekly. See compliance records with logbooks. 3) Complied with Compression checks Master Orifices: 46 psi #1) 60/80, #2) 72/80, #3) 71/80, #4) 77/80, #5) 70/80, #6) 62/80. (Cold Compressions) 4) Removed, Cleaned, Inspected, Gapped and tested spark plugs, Found 1 spark plug not to test. Replaced spark plug as needed. Rotated spark plugs and reinstalled. All work performed in REF. with Continental IO-470 Service Manual (M-0) Appendix b and Champion Aviation Service Manual AV6-R. 5) Drained engine oil and removed oil filter. Cut open oil filter and inspected for contamination, none noted at this time. Installed new oil filter P/N: AA48108-2 and serviced engine with 12 Qts of Aeroshell 15W50 engine oil. Performed engine run for leak check, none noted at this time. **Next Due @ 992.6.** 6) Removed oil filter adapter and replaced gaskets as needed and reinstalled in REF. with Manufacturer's Instructions. 7) Removed oil level gauge and installed new gauge as needed with new O-Ring. 8) Removed and Replaced CHT Probe as needed. Ops checked good at this time. 9) Removed all 6 paper rocker box cover gaskets and installed new rubber gaskets as needed in REF. with Real Rubber Gasket installation instructions. No leaks noted at this time. 10) Removed and cleaned all 6 fuel injectors and reinstalled as needed in REF. with Continental IO-470 Service Manual (FI-2). 11) Removed Propeller Governor and sent out for Overhaul. Reinstalled Propeller Governor after overhaul All work performed in REF. with Cessna 210B Service Manual Section 14-18,-19 and -22. Ops checked good at this time. 12) Removed and replaced Induction Air Filter as required.
Next Due @ 1042.6.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

Kevin L. Haggard

Date: 01/25/2020



AOA

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3319 W. Earl Drive, Phoenix, Arizona 85017
Phone: 800-445-7930 Fax: 602-252-4630

<http://webtrieve.alstribology.com>

Customer Name: SOARING AVIATION

Address: 8220 Fuller St
Casper WY 82604
USA

Phone: (307) 401-0990

Fax:

Tail Number: N9568X

Aircraft Make: Cessna

Aircraft Model: 210B

Serial No:

UIN: 07319FD

Comp Serial No: 102033-1-S

Comp Name: Single Engine

Comp Make: Continental

Comp Model: IO-470

Sample No.	44150217545	44150211458	44150207028
Date Sampled	17-Sep-19	03-Jul-19	24-Apr-19
Date Tested	01-Oct-19	12-Jul-19	13-May-19
Oil Brand	Shell	Shell	Shell
Oil Type	Aeroshell W	Aeroshell W	Aeroshell W
Oil Grade	SAE 15W50	SAE 15W50	SAE 15W50
Oil Hrs	34	49	32
Oil Added		6.0	
Hrs Since New	3099	3064	3020
Rebuild Hrs	1694		1616

Metals (ppm)			
Aluminium (Al)	16	14	25
Iron (Fe)	38.34	34.81	40.79
Copper (Cu)	13.73	12.01	10.65
Nickel (Ni)	4	4	4
Chromium (Cr)	16	16	36
Silver (Ag)	<1	<1	<1

Contaminants (ppm)			
Silicon (Si)	9	10	14

LEGEND



Sample No. Diagnosis/Recommendations

44150217545 All values appear normal.

44150211458 All values appear normal.

44150207028 All values appear normal. Resample next oil change to establish wear trend.

Soaring Aviation
Attn: Kevin Haggard
PO Box 50397
Casper WY 82605
USA

MAKE: Cessna
Model: 210B

Serial Number: 21057868

Reg. Number: N9568X

Field Service Ticket #: FST19-0026



DATE: 04/05/2019
A/C TSN: 3006.7

Tach Time : 845.7

Hobbs: 1620.2

8220 Fuller St.

Casper, Wy. 82604

307-401-0990

1) Removed broken landing light P/N: 4509 and installed a Teledyne Alphabeam LED Landing / Taxi light P/N: 2307055-1 as needed. in REF. with Cessna 210B Service Manual Section 17-16. Ops checked good at this time. No weight and balance changes needed. 2) Removed Tail, Right Hand and Left Hand Candescent NAV light fixtures and installed new LED NAV lights as needed in REF. with Cessna 210B Service Manual Section 17-18. Ops checked good at this time. No weight and balance changes needed. 3) Performed Main landing gear rigging as needed in REF. with Cessna 210B Service Manual Section 5A-24. Ops checked good at this time. 4) Removed Downlock Valve and removed and replaced all O-Ring and backing rings as needed in REF. with Cessna 210B Service Manual Appendix B7. Reinstalled Downlock system as needed R&R was done in REF. with Cessna 210B Service Manual Section 5A-14. Ops checked good at this time. 5) Removed and replaced Right Hand brake line swivel and bleed brakes as needed in REF. with Cessna 210B Service Manual Section 5A-23. Ops checked good at this time.

Kevin L. Haggard

Date: 04/05/2019

MAKE: Cessna
Model: 210B

Serial Number: 21057868

Reg. Number: N9568X

Field Service Ticket #: FST19-0026



DATE: 04/05/2019

A/C TSN: 3006.7

Tach Time : 845.7

Hobbs: 1620.2

8220 Fuller St.

Casper, Wy. 82604

307-401-0990

1) Removed and replaced LH fuel tank drain valve in REF. with Cessna 210B Service Manual Section 13-17. Ops checked good, no leaks noted at this time.

Kevin L. Haggard

Date: 04/05/2019

on 4A: Propeller Service and Maintenance Record

MAKE: Hartzell
Model: HC-A2XF-1A
Serial Number: 2724



DATE: 01/25/2020
A/C TSN: 3103.6
Flt Hobbs Time: 942.6

Reg. Number: N9568X
Invoice #: INV 19-00275

8220 Fuller St.
Casper, Wy. 82604
307-401-0990

PROP TT: 558.1
TSPOH: 558.1

- 1) Complied with Propeller 100 Hr./Annual Inspection in REF. with Cessna 210B Service Manual Inspection Checklist and FAR 43 appendix d as a guide. 2) Complied with AD Research through 01/25/2020 using TDATA Bi-Weekly. See compliance records with logbooks.
- 3) Removed and replaced prop control cable as needed in REF. with Cessna 210B Service Manual Section 12-51 & -52, 14-22 4) Removed Propeller Governor and sent out for Overhaul. Reinstalled Propeller Governor after overhaul All work performed in REF. with Cessna 210B Service Manual Section 14-18,-19 and -22. Ops checked good at this time.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR / ANNUAL INSPECTION AND ALL OPERATIONAL AND LEAK CHECKS HAVE BEEN COMPLETED AND THIS PROPELLER HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

Kevin L. Haggard

A Date: 01/25/2020