

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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12/26/19 N 8730T Cessna 182C serial # 52630

Right wing fuel bladder removed from aircraft, P/N 0726001-2 sent to Hartwig for inspection. W.O. 20195521 returned serviceable. Inspected wing cell bay, taped as needed. Installed fuel cell. Fuel caps installed per instruction SK182-85B. Fuel gauge checked and leak checked bladder. No discrepancies noted. Cessna 100 series maintenance manual used as reference. Flow checked system. Installed JPI SF-450 fuel scan system with transducer P/N 700900-2 per installation instructions # 400 rev A dated 02/01/02. Per STC# SA00861SE. Installed new Gill G-35 battery S/N G03053774 per Gill installation instructions.

Joel Newton 574306216 A&P

Joel A. Newton



ELITE AIR SERVICE

01/03/20 N 8730T CESSNA 182C serial # 52630 TTAF: 4180.8 HOBBS: 108.2

Tech Jeff Chatfield, removed cowl and lower spark plugs all cylinders. Gained access to oil pressure line at gauge. Cranked engine over till oil filled line, tightened "B" nut. Drained oil from pan removed oil relief valve. Cleaned port with solvent. Installed relief valve and safety wired. Installed lower spark plugs and filled sump with 12 qts 20W50 XC oil. Test ran and adjusted oil pressure 50 psi at 1800 RPM. Installed cowl. Installed missing Knob on pilot wing vent. Garmin 340 program to FS-450 fuel computer. Reference Cessna service 100 series maintenance manual. Signed returned to service. Test flown, oil pressure remained in the top of the green through flight (50-60 psi).

Joel E. Newton 574306216 A & P *Joel E. Newton*

1-3-2020

Test fly airplane, oil pressure normal
John K

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF
COMPLETION

AIRCRAFT TIME
IN SERVICE

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.



ELITE AIR SERVICE

01/22/2020 N8730T Cessna 182C serial# 182-52630 TACH: 472.1 TTAF: 5166.0

Performed Annual Inspection per FAR appendix "D" check list. Wheel pants reinstalled, cracks repaired and painted. Replaced 4 CherryMax rivets in pilot seat rails, used MS20470AD5-5 &-6 rivets. Installed left hand step P/N 0741605-1, used 3M DP 2216 epoxy adhesive. Removed nose and main wheels, cleaned, inspected and greased all wheel bearings, #5 Aeroshell used. Lubed horizontal stabilizer jack screws and trim system with LPS #3. Lubed all hinge points and pulley's. **AD84-10-01** fuel quick drains checked for water. No wrinkles in bladders noted, caps and adapter cover seals, checked ok. Recheck date 01/21. **AD11-10-09** Seat lock and track system, rails, feet and pins measured and meet required measurements. Next due at TACH: 572.1 and/or 02/21. **AD76-07-12** Bendix switch, operation checked and continuity checked, no discrepancies noted. Due at TACH: 572.1. **AD05-12-06** Impulse coupling wear check. Measure fly weights to pin gap is >.004. No signs of wear. Due TACH: 572.1. All AD's are listed. Post inspection run up satisfactory, satisfies FAR 91.407 (C). I certify that this Aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

Joel E. Newton 574306216 A&P IA

Joel E. Newton

ELT check 91.207(d) Satisfactory

MAINTENANCE RECORD

Premier Avionics, LLC

N: 8730T

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110
ACTUAL																
FRICTION	-1010	0	440	980	1440	1980	2480	2980	3480	3980	4480	4980	5480	5980	6480	6980
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)						
TOL. ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90
ACTUAL																
FRICTION	17890	19680														
HYSTERESIS (TOL. ± 75 FT.)					50% MAX.	430	40% MAX.	420	AFTER EFFECT (TOL. 30 FT.): 0				CASE LEAK: -6			

ALTIMETER MAKE UNITED

MODEL S934 PD-1

S/N 13195

BLIND ENCODER GARMIN

MODEL GAE-12

S/N 3T6008578

TRANSPONDER NAME GARMIN

MODEL GT-335

S/N 3EE 421640

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411.

CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.

CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.

CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

This aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 4-23-19

Tech. JCP

W.O. 5511

Signed [Signature]

PREMIER AVIONICS, LLC • CRS# 7PMR634B • PH: (260) 747-4810 • 4424 Altitude Drive • FORT WAYNE, INDIANA 46809

Static, Transponder

MAINTENANCE RECORD

F A B 430

LOG BOOK ENTRY

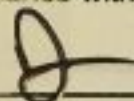
N 8730T **TIME** 435.4 Tach Time **DATE** 4-23-2019

Removed radio racks from the Avionics stack from previously installed radios and Transponder Antenna.

Installed the following components: GNS430W Nav/Com/GPS, SN: 97102574, GA35 GPS Antenna, SN: 159163, SL40 Nav/Com, SN: 25812318, GMA340 Audio Panel, SN: 96261268, GTX335 ADS-B Transponder, 3EE421640, GAE-12 Encoder, SN: 3T6008578, and CI-105 Transponder Antenna. The GNS430W System was installed in accordance with manufacturer's installation manual; PN: 190-00356-02, Revision M, dated June 30, 2017. The GNS430W was installed per STC# SA01933LA-D. The GTX335 ADS-B/Transponder System was installed in accordance with manufacturer's installation manual; PN: 190-00734-10, Revision 10, dated February 28, 2018. The GTX335 was installed per STC# SA01714WI. The above mentioned system was ramp checked in accordance with manufacturer installation manual listed above and was found to operate within manufacturer's performance specifications. No interference was found between the installed system

*** Page 1 of 2***

Aircraft engine components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature: 

Work Order: 5511

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MAINTENANCE RECORD

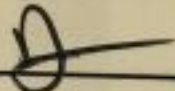
LOG BOOK ENTRY

N 8730T **TIME** 435.4 Tach Time **DATE** 4-23-2019

and the existing systems in the aircraft.
During testing of the Pitot/Static system, it was found to exceed leak rate. Troubleshoot problem to loose connections, and a leaking Airspeed Indicator. Removed Airspeed Indicator; Model: SP5175-13-CES, SN: 8350 and shipped out for repair. Reinstalled repaired Airspeed Indicator, SN: 8350 and tested static system. (See log entry dated 4/23/19, for details of the testing.)

*** Page 2 of 2 ***

Aircraft and/or components above were repaired and inspected in accordance with current federal aviation regulations, and were found airworthy for return to service.

Signature:  Work Order: 5511

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Joe Redd
N REPAIRMAN
FOR REPAIR STATION NO. CRSTJ2N
CERTIFICATE

MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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ELITE AIR SERVICE

06/30/2020 N8730T Cessna 182C serial #52630 TACH: 496.8 TTAF: 5190.7
Horizon Gyro sluggish removed installed overhauled unit. EDO-AIRE p/n 5000F-16 serial number 90061F,
Vacuum > 5 " test run working normal. Joel Newton *Joel Newton* A 4389274

44

INSPECTION RECORD

F.A.R. 43.11-91.409

AIRCRAFT TIME

KIND OF INSPECTION-STATUS & DISCREPANCY LIST



08/21/2020 N8730T C-182C ser# 182-52630 TACH: 527.3 TTAF: 4237.5

Replaced flex Brake line on LH & RH brakes at caliper. Fabricated 2 hoses using Strato flex 111-4 hose 12" each used 4X 300-4 fitting and 2X AN815-4D double male fittings, serviced brakes with 5606 HYD fluid. Found fuel stain on bottom of RH wing. Pulled fuel bladder and leak tested, no discrepancies noted. Re-installed fuel bladder, calibrated fuel gauges both LH & RH. Checked fuel vent position no discrepancies noted. LH wing tank quick drain replaced with new p/n CAV-180. Nose wheel bearings and races p/n 2X 08125-20629 & 2x 08231-20629, serviced with aeroshell #5. Nose tire replaced with serviceable 6:00 x 6 tire and tube. Fuel tanks filled in 2 gallon increments, to check gauge accuracy. Wheel pants removed from aircraft, weight & balance by reweighing aircraft. Revised equipment list. Cessna 100 series 1962 and prior D138-1-13, section 3, 16 used as reference. Drew Randell and Jeff Chatfield used as techs, FAR 43.9 (3). *B. M. H. 3211171 A-1 I-10*

INSPECTION RECORD F.A.R. 43.11-91.409

Premier Avionics, LLC

N: 8730T

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110
ACTUAL																
FRICITION	1000	0	500	1000	1500	2000	2500	3000	40	516	795	943	1192	1395	40	15120
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)						
TOL. ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90
ACTUAL																
FRICITION	17900	18800								1730	1345	870	395	0	52	895
HYSTERESIS (TOL. ± 75 FT.)				50% MAX.	16	40% MAX.	20	AFTER EFFECT (TOL. 30 FT.): +5					CASE LEAK: 6			

ALTIMETER MAKE United
MODEL 5834PD-1
S/N 15195

BLIND ENCODER Garmin
MODEL GTA12
S/N 3T 6008578

TRANSPONDER NAME Garmin
MODEL GTX 335
S/N 3EE 421640

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411.
CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

This aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

Date: 1-29-21 Tech: Colin W.O. 6121 Signed: Isabel W. L.

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INSPECTION RECORD
F.A.R. 43.11-91.409



ELITE AIR SERVICE

03/11/2021 N8730T Cessna 182 C serial# 182-52630 TACH: 571.0 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. ELT checked per FAR 91.207(d) no discrepancies noted, Duracel Batteries replaced, seal ok, no corrosion. Batteries DUE 2030. Bendix switch, operation check AD 76-07-12 no discrepancies noted, next due. All hinge points and pulley's lubed with LPS 2. All wheel bearings serviced with #5 areoshell grease. AD 11-10-09 seat lock system checked by visual & measurement no discrepancies noted. Next due 02/22 or TTAF: 5364.9. AD 84-10-01 No discrepancies noted in bladders, caps, or drains, next due 02/23. AD 20-21-22 tail cone and horizontal attach no discrepancies noted, next due 02/26 or TTAF: 5764.9. Aircraft cleaned, and ground checked, no discrepancies noted. Reference Cessna 100 series Maintenance Manual D138-1-13 dated 2/62. I certify that this aircraft has been inspected IAW an Annual inspection and it was determined to be in an airworthy condition.

DM 321171 FA