

Aircraft Record General Information

Manufacturer CESSNA Model 182P
Serial 18263690 Registration Number N445DC
Date of Manufacture 1975

Engine(s) currently installed:

Manufacturer Continental Model 0470 UTS Serial 1035191
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Hartzell Model HC-G3YF-12F / F8068
HUB Model _____ Serial PX132B Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

YI N445DC Cessna 182P March 3, 2018 Tach 5271 ACTTIS 5271

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D: Performed an Annual Inspection in accordance with 14CFR Part 43 Appendix D, using Cessna Service Manual checklist.

The engine, TCM O470-S s/n 269164-R was removed due to cam and lifter failure. Engine was shipped to Texas Skyways as a core. The propeller, McCauley 2A34C203-B, s/n 901820 was removed. TCM engine model number O-470U, (modified into a O470UTS by Texas Skyways under STC # SE8949SW) was installed in accordance with STC #SA8951SC using the STC manuals, drawings, instructions and the Cessna Service Manual. Hartzell propeller model HC-G3YF-1RF/F8068 and its corresponding spinner assembly was installed in accordance with STC #SA10070SC. Engine was installed using new Barry engine mounts. A new McCauley propeller governor Model number C290D3-[X]/T50 was installed in accordance with the governor's operator/owner manual and the Cessna Service manual. Form 337's prepared and Airplane Flight Manual Supplements were placed in aircraft records. Flexible fuel lines from gascolator to fuel flow transducer to carburetor were replaced with new. Flexible oil pressure line from engine to firewall fitting was replaced with new. Exhaust muffler was repaired by Dawley Aircraft on work order # 116486. Exhaust installed with new gaskets and hardware. New SCAT hose from heat muff to cabin inlet was installed. All new baffles were installed at this time. Baffles are a FAA/PMA set from AirForms. Replaced all grommets through baffle openings. Reinstalled Precise Flight Standby Vacuum System V onto this engine. Installed existing alternator and vacuum pump onto this engine. Installed new alternator belt, Cessna p/n S2416-1-31.0. Installed existing Reif engine heater kit and installed new HotStrip heater pad on sump. Spliced in new wires on magneto "P" leads and ground. Spliced wires in carburetor ice detector sensor. Replaced faulty connector on fuel flow transducer. Installed new JPI RPM sensor in magneto base. Removed Brackett Air Filter Assembly due to manufacturing production problems. Installed Donaldson paper filter p/n P10-6150. FAA Form 337 regarding engine and propeller were prepared and submitted at this time.

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he following items were replaced: Nosewheel tire and tube. Lubricated aircraft in accordance with Cessna Service Manual. Left inboard seat rail was cracked in multiple locations and out of tolerance dimensionally. Installed McFarlane FAA/PMA p/n MC0710658-2. All operational checks were good. ELT inspected in accordance with 14CFR Part 91.207 (para. D), batteries are next due at 2019. Inspected battery installation.

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Complied with AD11-10-09 by visual inspection, replaced left inboard seat track. Complied with AD 76-07-12 by function test. No defects noted. All AD's checked for compliance through 2018-04. AD list updated and placed in aircraft records.

installed
McCauley

I certify this aircraft was inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Manual
racer to
placed with

Alan Shackleton
Alan Shackleton
2710518 A&P/IA

with new
were

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alternator
led existing
gneto "P"

3-13-2018	5281	Installed wheel pants. Adjusted prop governor.	<i>Alan Shackleton</i> 2710518 A&P/IA

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due to
7 regarding

and Alterations
Certificate Number of
or specific entries.)

YEAR
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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.)

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THE FOLLOWING ALTIMETER SYSTEM AND ALTITUDE
REPORTING EQUIPMENT TESTS AND INSPECTIONS AS
REQUIRED BY FAR 91.411 iaw FAR 43 APPENDIX "E"
HAVE BEEN PERFORMED.

PARA (A) STATIC SYSTEM

PARA (B) ALTIMETER

PILOTS 5934P S/N 8563

C.P.'s G5 AT S/N 4JQ018785

TESTED TO 20,000 FT.

PARA (C) INTEGRATED SYSTEM TEST

ATC TRANSPONDER TESTS AND INSPECTIONS AS REQUIRED
BY FAR 91.413 iaw FAR 43 APPENDIX "F"

HAVE BEEN PERFORMED:

#1 MODEL GTX-330 S/N 8411894

#2 MODEL _____ S/N _____

DATE 08/01/18 N 445DC W.O. # 18911

SIGNED BY Douglas Weber
AVIONICS PLACE FQ58866M ROCKFORD IL

YEAR 2019 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
17 AUG	5377.9		5377.9	<p>Inspected all doors, panels, and structures for damage and security, cleaned and lubed all wheel bearings, lubed all control surface hinges, checked all external lighting, checked seats, belts, and cockpit equipment insp mtg tires additional work performed:</p> <p>INST 1 NEW MLG TIRE (RT)</p> <p>INST 2 NEW BRAKE PADS RT MLG</p> <p>TEST FLOW AIRCRAFT</p> <p>INST ENG SN 10358911 AFTER REPAIR BY CONTINENTAL MOTORS (SEE ENG LOG)</p> <p>INST NEW MERL BP-1015 ELT BATT OPS CKD OK Date 17 AUG 2019 ACFT N4450C TACH 5377.9</p> <p>I certify this AIRCRAFT is airworthy</p> <p>IAW our ANNUAL inspection and is approved FOR RETURN TO SERVICE</p> <p><i>William W. [Signature]</i> APIA 2961734</p>
ELT DUE	OCT 2022			

Alterations
(e Number of
specific entries.)

YEAR 20 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.)
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AIRFRAME LOG ENTRY

September 1, 2020 N445DC Cessna 182P S/N R18263690 Tach 5464.1

Removed cowl, Inspection plates, and Covers, Controls checked, lubed all moving surfaces. Brakes and Hydraulic reservoirs serviced with MIL5606 fluid, Drained fuel sumps and checked fuel screens. ELT Inspected and tested (AW FAR 91.207(d)(1-4)ELT Battery Replacement Due 6/2021 Engine TCM O470 S/N 1035191 was removed and sent to TCM for repairs and reinstalled. Installed Garmin G5 HSI with GAD 29b and GMU 11 see 337 this date. Installed Garmin GTR225 Com see 337 this date. Removed EDM800 and installed updated EDM 830 see 337 this date. Installed Garmin GSB 15 see 337 this date. Installed Selkirk Aviation Baggage mod see 337 this date. Installed Precise-Flow Air Vents see 337 this date. Removed Stec 50 computer for repair and reinstalled Repaired unit P/N 0131-0-1 S/N 00131-1431-07437F, performed operation ground test per system 50 manual. Installed Overhauled Turn Coordinator P/N 1394T100-10RB S/N B15-11696 and performed operational tests. Removed standby

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September 1, 2020 N445DC Cessna 182P S/N R18263690 Tach 5464.1

Vac system and all plumbing. Tightened fuel fittings on fuel selector valve. Removed and secured surplus wiring from previously removed avionics systems. Performed an annual inspection IAW 14cfr part 23 appendix D using Cessna 100 series inspection check list. C/W AD 11-10-09 R1 Seat Track and Seat inspection by Inspection Next due 9/2021 or 100.0 Tach. C/W AD 76-07-12 Ignition switch inspection by inspection Next due 100.0 Tach. C/W ICA's for installed modifications. Performed all ground operational checks Updated equipment list and weight and balance.

I certify this aircraft has been inspected IAW the scope and detail of FAR 43 Appendix D and was found to be in Airworthy Condition at this time. All AD's checked to date.

Eric Dienst AP334786573IA



Alterations
(State Number of specific entries.)

YEAR 20 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.)
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AIRFRAME LOG ENTRY

September 21, 2020 N445DC Cessna 182P S/N R18263690 Tach 5465.1

ed surplus

Installed JPI Optional probes Oil Pressure sender P/N 306018 S/N 10693, Carb Temp Probe P/N 400128, Oil Temp probe P/N 1240. All probes Installed and tested IAW JPI Report 13 Rev E. Removed Stec 50 computer for service.

part 23

Seat

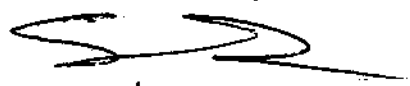
Performed all ground operational checks

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I certify this aircraft is approved for return to service.

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Eric Dienst AP334786573IA 

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AIRFRAME LOG ENTRY

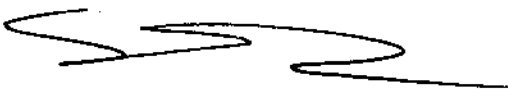
November 17, 2020 N445DC Cessna 182P S/N R18263690 Tach 5478.3

Repaired incorrectly wired Roll servo at Prog/Comp plug, Installed Repaired S-Tec Roll Servo P/N 0105-R1 S/N 00105-1430-25885-CEFGJ, And Repaired Sys 50 Prog/Comp P/N 0131-0-1 S/N 00131-1431-07437F and tested IAW S-Tec installation and maintenance manual.

Performed all ground operational checks

I certify this aircraft is approved for return to service.

Eric Dienst AP334786573



ENGINE LOG ENTRY

November 17, 2020 N445DC Cessna 182P S/N R18263690 Tach 5478.3

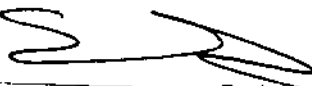
Engine S/N 1035191 Engine TT 207.2 TSMOH 207.2

Drained oil, Inspected oil Filter for metal ,Installed new filter CH48108 and serviced with 12 qts Phillips XC 20W50 .

Performed ground run and leak check.

I certify this Engine is approved for return to service.

Eric Dienst AP334786573



YEAR
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YEAR
20
DATE

February 16, 2021 N445DC Cessna 182P S/N R18263690 Tach 5497.9

Installed new Left main tire and tube P/N 6.00-6/6/120 S/N 9261S00052.

I certify this aircraft is approved for return to service at this time.

Eric Dienst AP334786573IA 

AIRFRAME LOG ENTRY

April 16, 2021 N445DC Cessna 182P S/N 18263690 Tach 5502.4

Removed Gill 7035-28 Battery and Installed Concorde Rg-35axc.

I certify this aircraft is approved for return to service at this time.

Eric Dienst AP334786573IA 

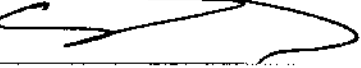
AIRFRAME LOG ENTRY

June 24, 2021 N445DC Cessna 182P S/N 18263690 Tach 5529.4

Removed Garmin GNS530, GMA340 and Installed Garmin GTN750Xi and GMA35C see 337 this date.

No change in weight and balance at this time.

I certify this aircraft is approved for return to service at this time.

Eric Dienst AP334786573IA 

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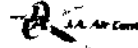
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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Description of Inspections, Tests, Repairs and Alterations
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YEAR
20
DATE

MAKE Cessna
MODEL 182p
S/N 18263690
REG NO N445DC
WORK ORDER 9581-11-2021



J.A. Air Center
Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone. 630 584.3200

DATE 16 November 2021
A/C TSN
TACH

MAKE Cessna
MODEL 182p
S/N 18263690
REG NO N445DC
WORK ORDER

Airframe Entries

1 Found existing RG400 GPS Coax cable and RG58 NAV cable to have electrical shorts. GPS Cable had an internal short. NAV Cable had a loose connector. Replaced existing RG400 GPS Cable with 12ft of NEW RG400 GPS Cable and installed new TNC Connectors on each end. Installed one new UG88 BNC Connector. All work performed in accordance with Installation Manual STC Part 23, GTN Xi Series 190-01007-C0 Revision 4, Dated July 1, 2021. All operations and function tests are OK at this time.

Airframe
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Maintenance Release
The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.6960 under Work Order No. 9581-11-2021, Dated 16 November, 2021

DATE 16 November, 2021

SIGNED *Mark Herrmann*

Mark Herrmann
Certified Repair Station No. NF2R029L

Work Order: 9581-11-

Printed by EBis 3 (datamedia)

Maintenance
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to service P

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

DATE 04/1

Alterations Number of specific entries	REPAIR 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.)
work on return to service 22-5609.					<p>inspected all doors, panels, and structures for damage and security, cleaned and lubed all wheel bearings, lubed all control surface hinges, checked all external lighting, checked seats, belts, and cockpit equipment, insp mlg tires additional work performed:</p> <p>SERVICED ALL TIRES STRAIGHTENED BENT RIM WHEEL PAINT BRACKET INST MAIN SCREENS AS PER IN EMERGENCY PANEL CW AT TEST IAW 91.207(d)(1-4) SEE BACK OF LOG FOR AD COMPLIANCE TEST FLEW AIRCRAFT ALL SYSTEMS OK</p>
1810B					<p>Date 16 NOV 2022 ACFT N445DC TACH 54630</p> <p>I certify this AIRCRAFT is airworthy IAW an AIRMAN inspection and is approved for return to service.</p> <p><i>John W. Dyer</i> ARIA 2961734</p>