

INSPECTION RECORD

E A D 43.11 - 91.217

1. I certify that the Altimeter system and Altitude Reporting equipment have been tested and inspected as required by FAR 91.411 and found to comply with Appendix E of Part 43.
2. I certify that the Transponder(s) have been tested in accordance with 91.413 and meet the requirements of Part 43 Appendix F

ON - STATUS & DISCREPANCY LIST
APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Alt #1 PN:

81411

SN:

3511

Xpdr 1

AT150

SN:

43655

Alt Reporter PN:

AK-350

SN:

AR3936

Work Order #:

17297

N#

N 2056X

Signed:

Harry Spul

Date

10-3-19

Ventura County Avionics
205 Durley Ave. Suite B
Camarillo, CA. 93010
CRS 2VRR413D

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

November 5, 2019

N2056X

S/N: 18256156

Cessna 182H

Tach: 3135.0

Removed Engine oil filter adapter P/N C6LC-S and replaced Crush gasket and gasket provided in F&M kit P/N FM-07. Reinstalled oil filter adapter IAW F&M install manual. Reinstalled oil filter and safety wired. Serviced engine to 10 Qts of Aeroshell W100 oil. Engine returned to service.

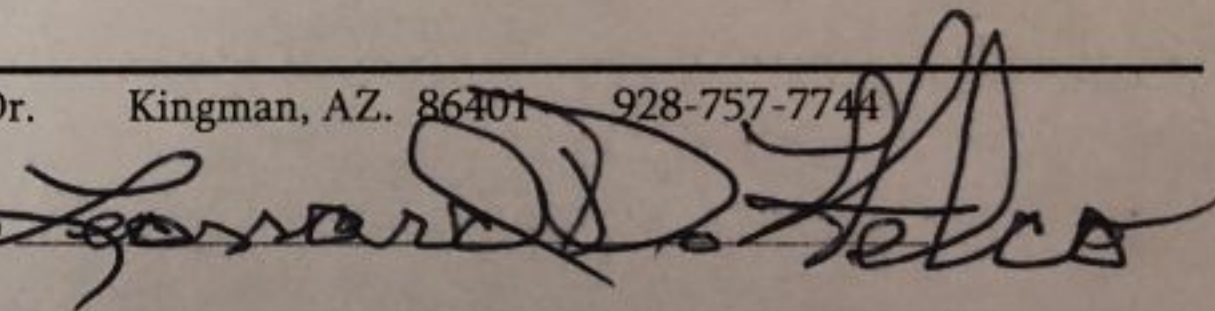
Air'Zona Aircraft Services, Inc.

7100 Flightline Dr.

Kingman, AZ. 86401

928-757-7744

A&P529869163IA Leonard D. Heldo



INSPECTION RECORD

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16278 Airport Road
Brainerd, MN 56401
218-829-3398



Authorized Service Center

Logbook entry for N2056X

Removed existing MK-12D Nav/Com and indicator, King KLN-88 Loran-C rec., Narco DME 190, Horizon gyro and blind encoder. Installed new Garmin GTR-225 as #1 Com and mounted in center radio stack. Installed an Air Gizmo panel dock and a portable Garmin Area 660. Installed 35 amp circuit breaker switch for the radio master. Removed existing left Navigation light and replaced with a uAvioni Skybeacon and performed setup. Installed serviceable ACK A-30 blind encoder and performed IFR certification. Installed new Stratus USB power sockets in center radio stack. Replaced Horizon gyro with overhauled Sigma-Tek 5000B-36. Installation was performed following manufacture installation instructions and pertinent chapters of AC 43.13 1B & 2B. weight and balance was revised, Logbook entry was made and FAA form 337 filed. The installed ADS-B out system has been shown to meet the equipment performance requirements of 14 CFR 91.227.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order # AV-19-0848

Date 12/09/2019

Signed

A handwritten signature in blue ink, appearing to be "D. [unclear]", written over a horizontal line.

Northpoint Aviation C.R.S. 6DVR982C

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

DATE

AIRCRAFT TIME
IN SERVICE

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE



16278 Airport Road
Brainerd, MN 56401
218-829-3398

Log Book Entry N2056X

I certify that the transponder, altimeter, static system and altitude reporter tests required by FAR's 91.411, 91.413 and 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F.

Primary Altimeter: 81411
Transponder Model: AT-150
Encoder: A-30

Serial No. 3511
Serial No. 43655
Serial No. 133513

System tested to: 20,000

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order # AV-19-0848

Date 12/09//2019

Signed

A handwritten signature in blue ink, appearing to be "C. R. S.", is written over a horizontal line.

NorthPoint Aviation C.R.S. 6DVR982C

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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12/18/2020 N2056X C-182H serial #56156 TACH:3187.2 TTAF: 5054.2

Removed forward and aft upper skins, rear carry through spar, right upper stiffener, due to corrosion. Cleaned and treated effected area, primed with epoxy primer. Installed fabricated upper cabin skins P/N 9711800-9 & 0711605-200, made from same thickness and use same size rivets and pattern of 2024 T3 aluminum. Carry through spar P/N 0711605-3 & stiffener P/N 0711678-4 serviceable parts installed. Exterior painted with Axalta Imron. Wings reinstalled, Vertical stab, Horizontal stab and elevators reinstalled. Cable tensions checked all hardware torqued. Reference Cessna maintenance manual D637-1-13. Aircraft weighed.

Joel Newton A & P 4389274 *Joel Newton*

12-18-2020 windows P/N w/t-1016 door window glass, P/N w/t-2094-LH
 sidewindow - P/N w/t-1001 door window & P/N w/t-2094-RH w
 installed Per Grant Cales Aero, *Joel Newton* A&P 4389274

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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ELITE AIR SERVICE

12/22/2020 N2056X CESSNA C-182H serial # 56156 TACH: 3187.2 TTAF: 5054.2

Performed Annual inspection per FAR 43 Appendix "D: check list. All AD's through Bi-weekly 2020-25 listed and complied with, see list. Aircraft run up, to operating temperature. System's check performed no discrepancies noted. ELT check per FAR91.207(b) battery DUE 3/30, no discrepancies noted. Reference Cessna Maintenance Manual, D637-1-13. Post Inspection run up and test flight performed by B. Klenoski. No discrepancies noted. I certify that this aircraft has been inspected IAW an Annual inspection and was determined to be in an airworthy condition.

B. Klenoski 321171 IA



ELITE AIR SERVICE

12/28/2020 N2056X C-182H serial #56156 TACH:3187.2 TTAF: 5054.2

Battery removed, installed new GILL G-35 battery serial number G03103131, full charge. Reference Cessna maintenance manual D637-1-13.

Joel Newton A & P 4389274

Joel Newton

N2056X

Book #3



The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CESSNA Model 182H
Serial 182-56165 Registration Number N2056X
Date of Manufacture 1965

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____ Serial _____

YEAR 20 ----	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

LOG BOOK ENTRY

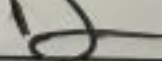
N 2056X **TIME** 3189.5 Tach Time **DATE** 2-26-2021

Removed AT-150 Transponder, SN: 43655, IN-514 Indicator, SN: 5604, PM1000 Intercom, SN: EA-03493 and KMA24 Audio Panel, SN: 5983, and installed GNX375 GPS/Transponder, SN: 5GJ003647, GA-35 GPS Antenna, SN: 196730, CI-105 Transponder Antenna, SN: 96896, and GMA345 Audio Panel, SN: 3Z0010091. The GNX375 was installed in accordance with manufacturer's installation manual; PN: 190-02207-A4, Revision 7, dated February 1, 2020. The GNX375 was installed per STC# SA02636SE. The GNX375 was interfaced to the existing GI-106B Nav Indicator previously installed. The GMA345 was installed in accordance with manufacturer's installation manual; PN: 190-01878-02, Revision 5, dated November 1, 2020. The above mentioned systems were ramp checked in accordance with manufacturer installation manuals listed above and were found to operate within manufacturer's performance specifications. No interference was found between the installed systems and the existing systems in the aircraft. Supplementary weight and balance data was updated to reflect this change. Test flew aircraft and found systems to operate correctly.

Reference FAA Form 337 dated 2/26/2021 for the maintenance instructions (ICA) associated with this STC.
I certify that this aircraft is airworthy with respect to the maintenance, preventative maintenance, or alterations performed. -- end --

*** Page 1 of 1***

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: 6136
Premier Avionics, LLC • 4424 Altitude Drive • Fort Wayne, IN 46809 • Tel: 260-747-4810 • CRS: 7PMR634B

YEAR
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YEAR 20 DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks

Premier Avionics, LLC

N: 2056X

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 70	25	30 70	30 70	35	70	40	60	80 80	90	100	90	110	
ACTUAL FRICTION	990	0	495	990 45	1500	1985 45	3010 45	4010	45	6020	8010	9950 60	12000	14040	40	16060	
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)							
TOL. ± FT.	120	130 100	140	155 120	180 140	205 160	230 180	255	280 250	28.10	28.50	29.00	29.50	29.92	30.50	30.90	30.99
ACTUAL FRICTION	18080	20020 60	X	X	X	X	X	X	X	-1720	-1920	-850	-370	0	530	880	970
HYSTERESIS (TOL. ± 75 FT.)				50% MAX.	60	40% MAX.	0	AFTER EFFECT (TOL. 30 FT.): 10				CASE LEAK: 17					

ALTIMETER MAKE <u>CESSNA</u>	BLIND ENCODER <u>ACK</u>	TRANSPONDER NAME <u>GARMIN</u>
MODEL <u>1470N3</u>	MODEL <u>A-30</u>	MODEL <u>620375</u>
S/N <u>1382</u>	S/N <u>133513</u>	S/N <u>563003647</u>

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: 2-26-21 Tech. SG W.O. 6136 Signed [Signature]

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

YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of (entries.)</small>
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ELITE AIR SERVICE

04/20/2021 N2056X CESSNA C-182H serial #182-56165 TACH: 3190.3 TTAF: 5057.3

Reinstalled headliner and interior panels, seats etc. Wheel pants installed both mains & nose. Drained fuel from tanks. Aircraft weighed, empty weight 1797.0 lbs., gross weight 2800 lbs., useful load 1003.0 lbs., Empty weight CG 33.31. *Joel Newton A&P 4389274*



ELITE AIR SERVICE

11/01/2021 N2056X C-182H TACH: 3216.8

Removed directional gyro Cessna 4000HR, p/n IU262-007-23 serial #26449C from aircraft panel. Installed New directional gyro AV-30-C, p/nUAV-1003429-002 serial #3303482 in panel, vacuum lines attached checked for leaks, no discrepancies noted. Operations check no discrepancies noted. Aircraft returned to service. Joel Newton 4389274 A&P *Joel Newton*

CATE



ELITE AIR SERVICE

11/11/2022

N2056X

C-182H

ser# 182-56156

TACH: 3218.0

TTAF: 5085.0

Performed 100 hour inspection per FAR 43 appendix "D" check list. All AD's through biweekly 2022-22 complied with and listed. Aircraft run up to operating temperature, parameters noted. Cowl removed, all inspection panels for inspection covers removed and aircraft cleaned. ACK E-01 ELT replace due to broken case, installed in same location new ACK E-04 ELT serial #040399, remote switch installed per ACK manual E04M Rev 1.10 dated 06/26/2020. Battery due AUG 19 2027. **AD 2022-04-04** copper gaskets installed per SB 001Rev B. **AD 72-03-03 R3** wing flap actuators inspected & lubed with aeroshell #64, next due 11/23 or TTAF: 5185.0. **AD 83-13-01** Fuel tank caps & tanks, no discrepancies noted, new cap seals installed both sides P/N B100142-1, next due 11/23 or TTAF: 5285.0. **AD 11-10-09** seat lock system, no discrepancies noted, next due 1/23 or TTAF: 5185.0. **AD 20-18-01** forward cabin door post, visual no discrepancies noted, next due TTAF: 5285.0 or 11/23. **AD 76-07-12** ignition switch no discrepancies noted, next due TTAF: 5185.0. Tail tie down new nut plate installed. Produced 337 forms missing from aircraft records STC# SA71GL Bracket air filter assembly BA-8110. (NEXT PAGE)

AV-30-C multi-mode AI/DG STC# SA0041BO. Electric International digital oil temperature/pressure gauge STC# SA5925NM. A.P. enterprise door steward STC# SA1120SE. Nose strut serviced with 5606 HYD fluid and nitrogen charge. All 4 cabin door hinge pins replaced with P/N 0711035-1. Left wing at sta 100.5 moderate corrosion found at rear spar splice. Replaced spar segment P/N 0523400-87 approximat 18" splice installed per Cessna service manual structural repair D637-1-13, chapter 19, para 19-7, figures 19-7 & 19-10 see 337 dated 11/16/2022. Right fuel sender wire addressed & replaced. Battery vent plugged cleaned, proper flow now. Engine mount cleaned and sanded both sides near collectors, painted and new heat shields installed. Left hand wing rear spar splice, due to corrosion, cleaned inner skins and repaired per maintenance manual D637-1-13 at sta 94.0 to sta 109 see 337 dated 11/16/2022. Reference Cessna maintenance manual D637-1-13, TCM O-470 overhaul manual X30022A, and TCM M-O manual. FAR 91.407(b) test flight must be conducted by required crew members only. I certify that this aircraft has been inspected IAW an 100 hour inspection and determined to be in an airworthy condition. Joel Newton 4389274 A&P *Joel Newton*

TEST FLIGHT _____ date _____



Century Aviation

AIRFRAME LOG ENTRY

N2056X

11/11/2022

Tach: 3218.0

TTAF: 5085.0

Performed annual inspection IAW FAR 43 Appendix "D" and Cessna inspection guide. I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition.

End of Record.

Authorized Signature:

Joseph Alexander

Certificate Number: A&P 3421472 IA