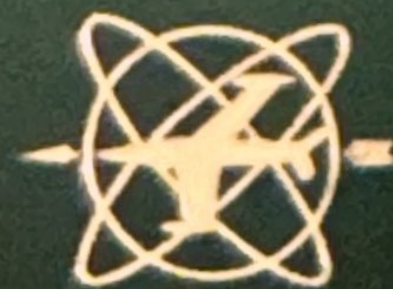


Book #7



The Standard

AIRCRAFT LOG

ASA-SA-1

N100EA

14 CFR 43.9 Return to Service

YEAR:

DATE

RECORDING
TACH
TIME

TODAY'S

TOTAL

Description of Inspections, Tests, Repairs and Alterations

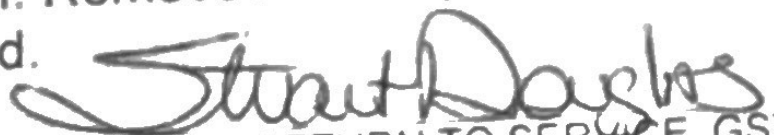
te Number of Technician or Repair

ABILENE AERO INC.
2850 AIRPORT BLVD
ABILENE, TX 79602
(915) 677-2601

N # 100CA S/N 18266536
Date 09-04-2003 TAC/HM 2866.5

W/O #. 10585

Removed 2- RT385's, IN386A, IN385AC, R443B, R546A, IN346A, L346AADF longwire and all associated hardware, mounts and wiring. Installed (2) Bendix/King Nav/Com's KX-165 S/N 56328 & 46331, KI-202 S/N 25813, KI-206 S/N 18900, KLN-90B Gps S/N 27792, MD41-1328 S/N 11798, MD41-248 S/N 13089, (2) GA-56 Gps antenna's S/N 59072367 & 59082412 and all associated mounts, hardware and wiring IAW Installation Manual. Op checked good IAW M/M. Removed and replaced radio cooling hose, checked good.



APPROVED FOR RETURN TO SERVICE GSTR469E

YEAR: 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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DATE 12/01/2003 TACH TIME 2872.7 INSTALLED P.PONK AVIATION STC # 5966NM
 PPA S/N 2359 CONTINENTAL O-470-50 S/N 532118 IN ACORDANCE WITH P.PONK
 AVIATION ,CESSNA & CONTINENTAL INSTALLATION INSTRUCTIONS & SERVICE
 MANUAL'S . OVERHAULED MCCAULEY PROPLER P/N 2A34C66-OR S/N 810723
 BY LEADING EDGE PLANES&PROPS #HCKR-163K. TACHOMETER RECALIBRATED
 BY STAHL AIR INSTRUMENTS IAW STC LIMITS.W.O.1555 11/05/2003 MITCHELL
 P/N D1-112-5023 S/N 08157.NEW LORD ENGINE MOUNTS,BOLTS,PROPELLER
 CONTROL CABLE,TACHOMETER SHAFT,OVERHAULED ALTERNATOR,CARBUR-
 -ETOR P/N10-4893-1 S/N 115418.NEW FUEL&OIL PSI HOSES . FORWARD COWL
 BAFFLE SEAL ,ALTERNATOR BELT.CHAMPION CH-48110 OIL FILTER.
 WEIGHT & BALANCE REVISED THIS DATE 12/01/2003 IN LOGS. FAA 337
 COMPLETED THIS DATE. BODE W.ZIETZIII A&P 521-23-5645 IA END

[Handwritten Signature]

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[illegible]

Description of Inspections, Tests, Repairs and Alterations		Date	Inspector	Number of Tests
Initial inspection and testing of the system.		10/1/2018	John Doe	1
Annual inspection and testing of the system.		10/1/2019	John Doe	1
Annual inspection and testing of the system.		10/1/2020	John Doe	1
Annual inspection and testing of the system.		10/1/2021	John Doe	1
Annual inspection and testing of the system.		10/1/2022	John Doe	1
Annual inspection and testing of the system.		10/1/2023	John Doe	1
Annual inspection and testing of the system.		10/1/2024	John Doe	1
Annual inspection and testing of the system.		10/1/2025	John Doe	1
Annual inspection and testing of the system.		10/1/2026	John Doe	1
Annual inspection and testing of the system.		10/1/2027	John Doe	1
Annual inspection and testing of the system.		10/1/2028	John Doe	1
Annual inspection and testing of the system.		10/1/2029	John Doe	1
Annual inspection and testing of the system.		10/1/2030	John Doe	1

ABILENE AERO INC.
2850 AIRPORT BLVD.
ABILENE, TX. 79602
(915) 677-2601

N #: 100CA

S/N: 18266536

W/O #. 10825

Date: 12-18-2003 TAC/HM: 2878.0

Re-Installed repaired KX-165 Nav/Com S/N 56328, Op
checked good IAW M/M.

APPROVED FOR RETURN TO SERVICE GSTR469E

[illegible]

[illegible]

[illegible]

DATE: 6-6-05
TACH: 2968.4
TOTAL TIME: 2968.4

Opened aircraft for inspection as per service manual and FAR 43 App.D. Checked all flight controls, pulleys, bellcranks, cables, push-pull rods and hinges.

Inspected and serviced wheels and brakes as needed. Inspected fuel system, changed screens. Checked and serviced aircraft battery. Inspected landing gear and serviced shimmy dampner. Inspected elt and tested as per FAR 91.207. D1 thru 4 See AD listing for AD's complied with.

CW AD 87-20-03 R2 By Insp. team.

CW AD 89-10-01 R1 By Insp. team & Field System.

Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or Repairer for specific entries.)

Replaced vacuum Filter B3-S-1

Replaced Air Filter

Annex
CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE
WITH A Annex INSPECTION AND
FOUND TO BE IN AIRWORTHY CONDITION.

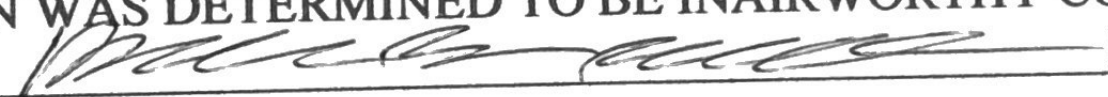
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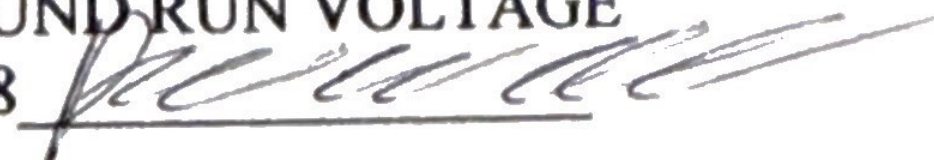
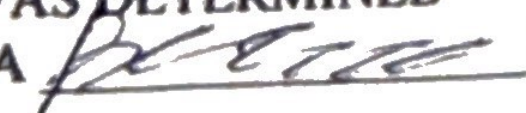
JA524/022841

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YEAR:	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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DATE

DATE 08/09/2006 TACH TIME 3079.1 TOTAL TIME IN SERVICE 3079.1 TIME SINCE MAJOR OVERHAUL 206.4 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST. REPACKED WHEEL BEARINGS . INSTALLED NEW O RINGS BRAKE CALIPERS SERVICED BRAKE FLUID. NEW BRAKE LININGS LEFT SIDE. CABLE TENSIONS CHECKED . LUBED PULLEYS, FLAP TRACKS, & BELLCRANKS. SERVICED BATTERY. INSTALLED NEW ELT BATTERY PER FAR 91.207 BATTERY NEXT DUE DATE AUG 2008. C/W AD 87/20/03 R2 SEAT RAIL INSPECTION. INSTALLED NEW INSTRUMENT AIR FILTERS. ADS CHECKED THRU 2006-14 COMPLIANCE LIST IN RECORDS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION BODE W. ZIETZ A&P 3029338 IA  END

YEAR: _____ 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.)
				DATE 06/11/2007 TACH TIME 3144.8 INSTALLED NEW BATTERY G 242 S/N GO2238129., ALTERNATOR P/N DOFF10300B S/N 59047 28 VOLT & VOLTAGE REGULATOR P/N C611002-0105 GROUND RUN VOLTAGE CHECK NORMAL. BODE W. ZIETZ III A&P3029338 
				DATE 09/14/2007 TACH TIME 3163.7 TOTAL TIME IN SERVICE 3163.7 TIME SINCE MAJOR OVERHAUL 291.0 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST . REPACKED WHEEL BEARINGS . SERVICED BRAKE FLUID . INSTALLED NOSE STRUT O RING KIT & SERVICED WITH MIL L 5606. SERVICED SHIMMY DAMPNER. INSTALLED NEW TORQUE KNEE BOLT P/N NAS 464322 . ELT CHECKED PER FAR 91.207 BATTERY DUE 08/2008 INSTALLED NEW GE 4509 LANDING LIGHT'S INSTALLED DOME LIGHT GE 313. CABLE TENSIONS CHECKED . LUBED PULLEY'S , BELL CRANK'S & FLAP TRACK'S . INSTALLED LEFT LANDING GEAR STRUT CUFF FAIRING. INSTALLED NEW INSTRUMENT AIR FILTER'S . AD COMPLIANCE CHECKLIST IN RECORD'S . AD'S CHECKED THRU 2007/18 . I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION BODE W. ZIETZ III A&P 3029338IA  XX

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entres must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entres.)
				ABILENE AERO INC. 2850 AIRPORT BLVD ABILENE, TX 79602 (915) 677-2601 N # 100CA S/N 18266536 W/O # 13827 Date 10-19-2007 TAC/HM 3183.0 Removed Terra AT-3000 Encoder s/n: 6108. Installed new Ack A -30 encoder s/n: 106552. Leak test good. Encoder tests good IAW FAR 91.413 <i>[Signature]</i> APPROVED FOR RETURN TO SERVICE GSTR469E DATE 06/20/2008 N100CA TACH TIME 3220.8 INSTALLED NEW OVERHAULED DIRECTIONAL GYRO P/N 31101C S/N 27361 BY AIR DALLAS INSTRUMENT. INSTALLED NEW CARB HEAT CABLE S1230 17 IN ACCORDANCE WITH CESSNA 182 SERVICE MANUAL . BODE W. ZIETZ A&P 3029338 . <i>[Signature]</i> END

Date: 5/29/2009

Tach: 3263.8

N100CA Model CESSNA 182Q S/N: 18266536

Customer: LARRY CUNNINGHAM

*Quality People
Quality Performance*

Aircraft Technicians, Inc.

2285 Airport Highway

P. O. Box 1026

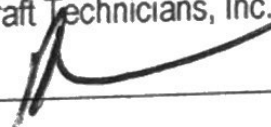
Alcoa, TN. 37701 (865) 681-4553

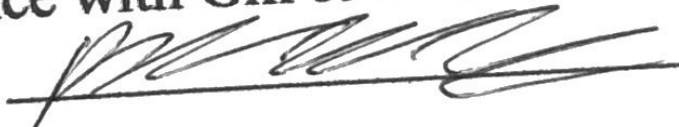
Airframe Entry

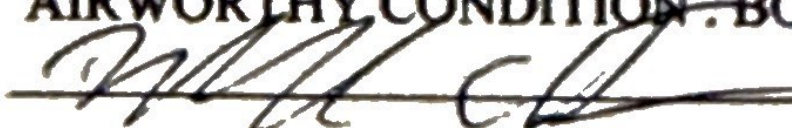
Replaced alternator P/N: DOFF10300B S/N: J011165 received from Kelly Aerospace Energy Systems CRS#UT2R226L under WO# M087080. Serviced battery. Replaced field wire terminal at alternator. Replaced Voltage Regulator with P/N: C611004-0101, S/N: 80667515.

I certify that this AIRCRAFT identified above was repaired in accordance with FAR's and/or Manufacturer's instructions as applicable and is returned to service as regards to work performed only. Aircraft Technicians, Inc. ~~Work Order # 7551~~ as provided to owner/operator provides information regarding the work performed and is on file.

FOR: Aircraft Technicians, Inc.


Philip Fellman A&P# 3034539 IA

Date 06/03/2009 Tach time 3270.3 Filled & Charged New Gill G-243
Battery . Serial # G02449733 In accordance with Gill & Cessna Service
Manual . Bode w Zietz III A&P 3029338  END.

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair
01				DATE 01/15/2010 N100CA TACH TIME 3324.6 TOTAL TIME IN SERVICE 3324.6 TIME SINCE MAJOR OVERHAUL 451.8 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECK LIST . REPACKED WHEEL BEARINGS . RESEALED LEFT WHEEL CALIPER ASSEMBLY . INSTALLED NEW LEFT WHEEL BRAKE LININGS INSPECTED CABLE TENSIONS . LUBED BELL CRANKS, FLAP TRACKS , INSPECTED PULLEYS . SERVICED NOSE STRUT ASSEMBLY . INSTALLED PILOTS SIDE HEADSET PANEL PLUG RECEPTICAL IN ACCORDANCE WITH BOSE AVIATION HEADSET X OWNERS MANUAL FIG 14 . & AC 43.13.1A . OPERATION CHECK GOOD. INSTALLED OVERHAULED RIGHT ELEVATOR ASSEMBLY P/N 1234600-2 OVERHAULED BY WILLIAMS AIRMOTIVE WORK ORDER # 012531. IN ACCORDANCE WITH CESSNA 182 SERIES SERVICE MANUAL SECTION 8 ELEVATOR REMOVAL & INSTALLATION . INSTALLED NEW ELT BATTERY PER FAR 91.207 . NEXT DUE 01/2012 . CLEANED FUEL STRAINER . INSPECTED FUEL SYSTEM. INSTALLED NEW INSTRUMENT AIR FILTERS . AD'S CHECKED THRU 2009/26 COMPLIANCE LIST IN RECORD'S . I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION . BODE W. ZIETZ III A&P 3028338 IA  XXXXX

[illegible]

YEAR:	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
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N100CA SERIAL # 66536 DATE 04/06/2011 TACH TIME 3344.2 TOTAL TIME IN SERVICE 3344.2
 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND
 CHECKLIST. REPACKED WHEEL BEARINGS WITH AEROSHELL #5 AVIATION WHEEL
 GREASE. INSTALLED NEW MAIN GEAR TIRES GOODYEAR FLIGHT CUSTOM III .600. 6 6PLY.
 SERVICED BRAKE FLUID. LUBED NOSE GEAR TORQUE KNEE. INSTALLED NEW RIGHT WING
 FUEL CELL CESSNA P/N 12000065-24 FFC P/N 3030-24 SERIAL NUMBER CR4571. IN ACCORDANCE
 WITH CESSNA 182 SERVICE MANUAL CHAPTER 12 & FLOATS & FUEL CELLS (FFC) INSTRUCTIONS
 SERIAL # CR4571. NEW FUEL DRAIN VALVE INSTALLED. CLEANED FUEL STRAINER ASSEMBLY
 LUBED PULLEYS, BELL CRANKS FLAP TRACKS. CABLE TENSIONS CHECKED. SERVICED
 BRAKE FLUID WITH MIL- L- 5606. SERVICED MAIN 24 VOLT GILL BATTERY. ELT CHECK PER
 FAR 91.207 AD COMPLIANCE CHECKED THRU 2011-06. COMPLIANCE LIST IN RECORD'S. I
 CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL
 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. BODE W. ZIETZ III
 A&P 3029338 IA  END XXXXXXXXXXXXXXXXXXXX

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entres must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entres.)
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— DATE 04/27/2012 N100CA TACH TIME 3373.6 TOTAL TIME IN SERVICE 3373.6 TIME SINCE
 — MAJOR OVERHAUL 520.4 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH
 — FAR APPENDIX D AND CHECKLIST . REPACKED WHEEL BEARINGS AEROSHELL # 5
 — WHEEL BEARING GREASE .INSTALLED NEW NOSE TIRE GOOD YEAR FLIGHT CUSTOM
 — III 6 PLY 160 MPH S/N 20702252 MATERIAL NUMBER 160928 AND MICHELIN 500/5 TUBE
 — P/N 092-308-0 PRODUCTION LIST 42/11 DATED 26/10/2011 . INSPECTED SERVICED NOSE
 — SHIMMY DAMPNER . BRAKES INSPECTED AND SERVICED WITH MIL-L 5606 HYDRAULIC
 — FLUID . CABLE TENSIONS CHECKED LUBED FLIGHT CONTROLS . EMERGENCY LOCATOR
 — TRANSMITTER BATTERY REPLACED BATTERY PART NUMBER AABS-2166 NEXT DUE DATE
 — 06/2014 INACCORDANCE WITH FAR 91.207 . SERVICED MAIN AIRCRAFT BATTERY CLEANED
 — TERMINALS . CLEANED FUEL STRAINER INSPECTED FUEL SYSTEM . AD'S CHECKED THRU
 — 2012 / 08 COMPLIANCE LIST IN RECORD'S . I CERTFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 — IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
 — CONDITION . BODE W. ZIETZ A&P 3029338 IA  END

YEAR: 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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EZELL AVIONICS
220 PR 150-1B
BRECKENRIDGE, TX 76424
254-559-3051

FAA REPAIR STATION: ZZ6R885B

N# 100CA W.O. # 1104 H.M. 3373.7

ATC TRANSPONDER HAS BEEN TESTED IAW FAR'S AND FOUND TO
COMPLY WITH PART 43 APPENDIX F. AS REQUIRED BY FAR 91.413

#1 MOD GTX 320A S/N 83805126
#2 MOD N/A S/N N/A

SIGNATURE Bobby Faulkner DATE 5/7/2012
APPROVED FOR RETURN TO SERVICE

YEAR:

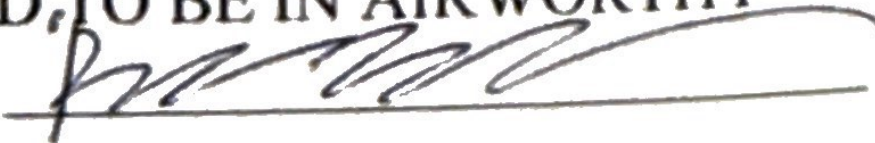
RECORDING

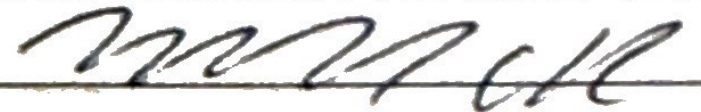
TODAY'S

TOTAL

Description of Inspection

DATE

DATE 11/08/2013 N100CA TACH TIME 3404.6 TOTAL TIME INSERVICE 3404.6
TIME SINCE MAJOR OVERHAUL 551.4 . PERFORMED 100 HOUR INSPECTION
IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST . INSTALLED
NEW MAIN AIRCRAFT BATTERY GILL PART NUMBER G-243 SERIAL
NUMBER G02800561 FILLED ,CHARGED AND INSTALLED BATTERY LOG
IN RECORD'S . REPACKED WHEEL BEARINGS . SERVICED NOSE STRUT
LUBED NOSE TORQUE KNEE .INSPECTED BRAKES . ELT CHECKED PER
FAR 91.207 NEXT BATTERY DUE DATE 06/2014. CABLE TENSIONS CHECKED
LUBED PULLEYS ,BELLCRANKS AND FLAP TRACKS . CLEANED FUEL STRAINER.
AND CARBURETOR INLET FUEL SCREEN . INSPECTED FUEL CELLS . SUMPED
DRAINS . AD'S CHECKED THRU 2013/22 AD'S COMPLIANCE LIST IN RECORD'S
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORANCE WITH
A ANNUAL INSPECTION AND WAS DETERMINED,TO BE IN AIRWORTHY
CONDITION . BODE W. ZIETZ III A&P 3029338 IA 

 END XXX

YEAR: _____ 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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9-12-2014

N100CA

TACH: 3435.0

- INSTALLED NEW LEFT FUEL CELL PN: 1200065-23E, SN: 675 FROM EAGLE FUEL CELLS - EAGLE RIVER, WISCONSIN.
- INSTALLED NEW HONEYWELL HOBBS METER PN: 85094, PRESSURE SWITCH PN: S1711-1, AND SERVICEABLE ADAPTOR PN: 1213158-4.
- REMOVED AND INSTALLED KX-165 TO FACILITATE REPAIRS BY THE FRENCH CONNECTION – OWENSBORO, KY. SEE WORK ORDER FOR COMPLETE DETAILS.
- INSTALLED OVERHAULED ARTIFICIAL HORIZON PN: 5000F-6, SN: 66385F. SEE FAA FORM 8130-3 AND WORK ORDER FOR COMPLETE DETAILS.
- FABRICATED AND INSTALLED NEW MANIFOLD REFERENCE LINE FROM 304 STAINLESS TUBING PN: R1/8 x 020.
- ALL WORK PERFORMED IN ACCORDANCE WITH CESSNA 182 SERVICE MANUAL. OPERATIONAL AND LEAK CHECKS WERE GOOD.
- REMOVED ALTERNATOR PN: DOFF10300BR, SN: JOIII65. INSTALLED FAA-PMA PLANE POWER ALTERNATOR PN: AL24-F60C, SN: 46-142807 PER PLANE POWER INSTALLATION INSTRUCTIONS AND DRAWING 10-7001. REVISED WEIGHT AND BALANCE AND UPDATED EQUIPMENT LIST. THIS INSTALLATION HAS BEEN DETERMINED TO BE A MINOR ALTERATION PER APPENDIX A OF FAR PART 43.

(CONTINUED ON NEXT PAGE)

YEAR DATE	RECORDING TAG 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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INSTALLED J.P. INSTRUMENTS EDM 830 ENGINE MONITOR PER STCH# SA2586NM, WITH SIX POSITION EGT PROBES, CHT PROBES, AND THE FOLLOWING SENSORS; MANIFOLD PRESSURE, RPM, OIL TEMPERATURE, OIL PRESSURE, OUTSIDE AIR TEMPERATURE, AND CARBURETOR AIR TEMPERATURE. INSTALLATION WAS PERFORMED IN ACCORDANCE WITH J.P. INSTRUMENTS INSTALLATION MANUAL FOR THE EGT-701 REPORT 103, REV-E, DATED 1/20/2009. COMPLETED FAA FORM 337.

INSTALLED J.P. INSTRUMENTS FUEL FLOW TRANSDUCER PN: 231 PER STCH# SA00432SE. FABRICATED AND INSTALLED (1) NEW ENGINE FUEL SUPPLY HOSE WITH STRATOFLEX 111-8 HOSE, 2650-12 FIRESLEEVE AND (2) 10781-4-22CR CLAMPS. INSTALLATION PERFORMED IN ACCORDANCE WITH J.P. INSTRUMENTS INSTALLATION MANUAL FOR EGT-701 WITH FUEL FLOW OPTION REPORT 503, REV B, DATED 03/14/97. COMPLETED FAA FORM 337.

UPDATED EQUIPMENT LIST AND REVISED WEIGHT AND BALANCE.

OPERATIONAL AND LEAK CHECKS WERE GOOD.

CURTIS H. KELLEY



A&P/IA 3058520

KELLEY ALKO SERVICES, LLC. 9764 W CO. RD. 375 S, FRENCH LICK, IN 47432

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspection Tests Done and Alterations
1-23-2015		N100CA	TACH: 3448.1	AIRFRAME T.T. 3448.1
				PERFORMED ANNUAL INSPECT. PER FAR 43, APPENDIX D, USING CESSNA 182 ANNUAL INSPECT. CHECKLIST AS A GUIDE.
				- REPLACED LEFT MAIN LANDING GEAR LEG COVER PN: 0741639-5.
				- INSTALLED NEW LEFT AND RIGHT MAIN L/G BRAKE COVERS FROM TEXAS AEROPLASTICS KIT PN: 31-08-80A.
				- INSTALLED NEW LEFT AND RIGHT MAIN L/G LEG-TO-FUSELAGE FAIRINGS FROM TEXAS AEROPLASTICS KIT PN: 31-03-80A.
				- REPLACED ONE COWLING MOUNT PN: J-7444-24.
				- REPLACED BOTH COWL FLAP HINGES PN: 0752625-200.
				- REPLACED UPPER AND LOWER COWLING FLEXIBLE SILICON BAFFLING PN: T-8071-3.
				- INSTALLED NEW BATTERY SOLENOID COVER PN: 0712765-2.
				- REPLACED LEFT PILOT RUDDER PEDAL WITH NEW FAA-PMA PEDAL PN: AP2000-01 FROM ALEXANDER PRODUCTIONS.
				- REPLACED RIGHT PILOT RUDDER PEDAL WITH REPAIRED PEDAL PN: 0760678-2-R FROM MCFARLANE AVIATION - BALDWIN CITY, KS. SEE WORK ORDER FOR COMPLETE DETAILS.
				- INSTALLED NEW NOSE GEAR BEARINGS PN: LM67048 AND NEW BEARING CONES PN: LM67010.
				- REPLACED ONE NOSE GEAR BEARING SPACER PN: 153-00800.
				- REPLACED RIGHT MAIN GEAR TIRE PN: GOODYEAR 301-002-001 (6.00X6 6 PLY).
				- REPLACED RIGHT MAIN GEAR BRAKE LININGS PN: 066-30026.
				- REPLACED PILOT AND CO-PILOT SEAT ROLLERS AND WASHERS FROM MCFARLANE AVIATION KIT PN: SEAT-KIT-1.
				- INSTALLED ONE PROPELLER SPINNER SHIM PN: 0752620-3.
				(CONTINUED ON NEXT PAGE)

YEAR: _____	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 _____
				- I HAVE INSPECTED THE ELT SYSTEM IN THIS AIRCRAFT ACCORDING TO APPLICABLE AIRCRAFT MANUFACTURES DATA, ELT MANUFACTURES DATA AND ALL APPLICABLE FAA GUIDANCE AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(D). - ELT BATTERY NEXT DUE FOR REPLACEMENT: JUNE 2016 - REPLACED FUEL TANK DRAIN VALVES WITH STOREHOUSE LLC FUEL TANK DRAIN VALVE KITS PN: 720CM INACCORDANCE WITH THE INSTALLATION INSTRUCTION PER STC# SA01380CH. COMPLETED FAA FORM 337. - INSTALLED NEW AMEREX HALON FIRE EXTINGUISHER PN: A344T. SECURED FIRE EXTINGUISHER BRACKET TO THE PILOT SEAT WITH AN525-1032 SCREWS AND AN365-1032A NUTS. REVISED WEIGHT AND BALANCE, UPDATED THE EQUIPMENT LIST. - INSTALLED NEW INTERIOR CARPET FROM SCS INTERIORS - DULUTH, MINNESOTA. SEE STATEMENT OF CONFORMANCE FOR COMPLETE DETAILS. - COMPLIED WITH CESSNA SERVICE BULLETIN SEB95-3 REV. 1 –FLAP SUPPORT INSPECTION AND ROLLER WASHER INSTALLATION. - INSTALLED MCFARLANE AVIATION KIT PN: FLP-KT-3U - NEW FLAP HARDWARE, BUSHINGS, ROLLERS, AND SPACERS. - INSTALLED MCFARLANE AVIATION MCSK100 FLAP ROLLER SERVICE KIT ON BOTH FLAPS PER STC# SA01074WI. THIS INSTALLATION HAS BEEN DETERMINED TO BE A MINOR ALTERATION PER APPENDIX A OF FAR PART 43. - ADJUSTED FLAP CABLE TENSIONS PER CESSNA 182 SERVICE MANUAL.

(CONTINUED ON NEXT PAGE)

YEAR: _____ 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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AIRWORTHINESS DIRECTIVES

- AD93-05-06 - ACS/GERDES IGNITION SWITCH WEAR AND CORROSION, NEXT DUE @ A/C TT: 4507.7
- AD2011-10-09 - SEAT TRACKS, C/W THIS DATE BY REPLACING ALL SEAT TRACKS (4) PN: MC0710658-2, NEXT INSPECTION DUE @ 1/31/16 OR 3548.1
- ALL APPLICABLE AD'S COMPLIED WITH AT THIS TIME, SEE ATTACHED AD LIST.
- ALL ICA'S CHECKED AND C/W AT THIS TIME.
- POST MAINTENANCE OPERATIONAL CHECKS WERE GOOD.
- ALL WORK PERFORMED IN ACCORDANCE WITH CESSNA 182 SERVICE MANUAL.

I CERTIFY THAT THIS **AIRCRAFT** HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

CURTIS H. KELLEY *Curtis H. Kelley* A&P/I.A. 3058520
 KELLEY AERO SERVICES, LLC. 9764 W CO. RD. 375 S, FRENCH LICK, IN 47432

4-29-2015

N100CA

Hobbs: 28.0

Tach: 3458.8

- Replaced aircraft main battery with new 24V Gill LT sealed unit, P/N 7243-14, S/N G02905097. Inspected alternator and charging system. Operational check okay at this time.
- Removed Right MLG wheel assembly and fairing. Replaced damaged tube with Aero Classic LeakGuard 6.00 x 6 tube, reassembled, torqued wheel-half bolts to 145lbs-in, inflated tire, and reinstalled on aircraft. All work accomplished in accordance with Cessna Service Manual.

Eric A. Seber

1. Eric A. Selzer

A&P 2813778

Midwest AeroWorks, LLC

1724 E 250 N, Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

[illegible]

RECORDING
TACH
TIME

*******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*******

Reg Mark Date Tach Make: Cessna Ser. No.: 18266536
N100CA 9/25/2015 3477.7 Model: 182Q Reg. Mark: N100CA

See Revised Weight and Balance/
Equipment List dated 09-24-2015 for a
detailed list of all removed and installed
equipment. Installed GTN750 P/N
011-02282-00 S/N 1ZA016580 and
Flight Stream 210 P/N 011-02369-00 S/N
3RE002659 IAW STC # SA 02019SE-D.
Installed GDL88 P/N 011-02369-00 S/N
22T004291 IAW STC # SA02119SE.

Installed GA35 P/N 013-00235-00 S/N 117868 IAW STC # SA02018SE-D. All applicable paper work
has been placed in aircraft permanent records and/or POH. Weight and balance has been revised.
See FAA Form 337 dated this date for details. Installed CI106A IAW Installation Manual 8017702.
Installed SSD120 Encoder IAW installation Manual 882189. Installed AV-74 antenna with doubler
IAW AC43.13-2B chapter 3. Removed KX165 S/N 56328, repaired, bench checked good IAW
Manual 006-05179-0009, and reinstalled. All systems mentioned in this logbook entry ramp
checks good.

The aircraft / component identified above was repaired and
inspected in accordance with current Regulations of the
Federal Aviation Administration and found airworthy, and
is approved for return to service for work performed.
Pertinent details of the repair are on file at the Agency.

Work Order No.: A003531 Date: 09-25-2015

Signed:  Inspector for

MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141

MAC

YEAR: _____
DATE

RECORD/
TACH
TIME

Technician or Repair

Performed operational flight check of
GTN750, GDL88, and FS210 installation.
Ops flight checked good.

Make: Cessna Ser. No.: 18266536
Model: 182Q Reg. Mark: N100CA

Date: 09-25-2015

Signed:



Kenneth Talhelm

Pilot Certificate # 3126590

Aircraft Tach: 3478.2

PLEASE PLACE IN AIRCRAFT LOGBOOK

Airframe

2-19-2016

N100CA

Tach: 3503.7

Airframe T.T. 3503.7

Performed Annual Inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.

– I have inspected the ELT system in this aircraft according to applicable aircraft manufacturer's data, ELT manufacturer's data and all applicable FAA guidance and found that it meets the requirements of FAR 91.207(D).

Next battery replacement due June 2016.

- Removed, inspected, charged and reinstalled main battery.
- Performed Halon 1211 annual weight check and inspection.
- Cleaned and lubed nose landing gear with Aeroshell 22 grease.
- Replaced instrument air filter, P/N RAD9-18-1 and vacuum regulator filter RAD3-5-1.
- Removed leaking primer assembly from panel, replaced 2 internal o-rings, P/N MS29513-012 and applied seal lube. Reinstalled assembly in instrument panel. Leak and operational check okay.
- Replaced tail cone position light bulb, P/N AML-307.
- Replaced right wheel pant hinged access door, P/N 0543084-1.
- Replaced right landing gear to fuselage fairing, P/N 244-4-8.
- Replaced three top cowling Lord mounts, P/N J-7444-24.
- Removed original pilot and co-pilot overhead fresh air vents and replaced with Precise-Flow Air Vents IAW Flight Products STC SA00709CH and installation instructions. Relocated right side vent temp probe to windshield under right wing leading edge. Change in weight and balance negligible. See Form 337 dated this date for additional information.
- Removed and replaced the all aircraft windows, supplied by LP Aeroplastics. Following P/Ns replaced: LP-317-UV-SG, LP-319-UV-SG (QTY 2), LP-371-UV-SG, LP-372-UV-SG, LP-397-UV-SG. All work performed IAW LP Aeroplastics installation instructions and Cessna Service Manual Section 3-2 thru 3-5. Also installed new entry door window seals, P/N 900-900 from Aircraft Door Seals, LLC.

Continued on next page

14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 ☐

1. Approving CMI Aviation
Authority Country
FAA United States

2. **AUTHORIZED RELEASE CERTIFICATE**
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number

4. Organization Name and Address
LP Aero Plastics, Inc
1086 Boquet Road
Jeannette, PA 15644-4707

PQ0046NE

97522

Item	Description	Part Number	Qty	Serial Number	Installation
1	Rear windshield	LP-397 UV-55	1	NA	NEW

12. REMARKS: Item 1 - See attached FAA/PMA approval tag for complete applicability

13a. Certifies the item identified above were manufactured in conformity to:

☒ Approved design data and are in a condition for safe operation

☐ Non-approved design data specified in Block 12

☐ Return to Manufacturer

Other action specified in Block 12: the work done in Block 12 was in accordance with Title 14 of Federal Regulations, part 43 and in accordance with the items are approved for use.

13b. Authorized Signature 	13c. Approval/Authorization No. 034276867	14b. Authorized Signature 	14c. Approval/Authorization No. 034276867
13d. Name (Typed or Printed) David A. Seneca	13e. Date (dd/mm/yyyy) 19-Aug-2015	14d. Name (Typed or Printed) David A. Seneca	14e. Date (dd/mm/yyyy) 19-Aug-2015

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

LESS DIRECTIVES

10-09 Seats and rails wear inspection. Complied with by inspection.
1/6 TT 3603 7 or Annual.

Inspection at A/C TT 3603.7 or Annual.

05-06 ACS/Gerdes ignition switch wear and corrosion.

due inspection at A/C TT: 4507.7.

applicable AD's complied with at this time. See AD list. All ICA's reviewed and complied with at this time.

Ground run and leak checks were accomplished and no discrepancies noted. All work performed per Cessna 182 Service Manual.

certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Enc A. Seber

e. Eric A. Shu

A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

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*******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*******

I certify that the altimeter / static system, transponder, and encoder have been tested as required by FAR 91.217, 91.411, and 91.413. Units were found to comply with the limits set in FAR 43, Appendices E & F to 20,000 ft. Aircraft Tach: 3506.3 Reg Mark: N100CA

Altimeter #1: Mfg Aspen P/N 910-00001-001 S/N 22801

Date Tested: 04-21-2016

Altimeter #2: Mfg United P/N 5934P-1 S/N 12014

Date Tested: 04-21-2016

Encoder #1: Mfg Aspen Model EFD1000 S/N 22801

Trans #1: Mfg Garmin Model GTX327 S/N 83727942

Details of the inspection are on file at this C.R.S. under W.O. No.: A003982

Date: 04-21-2016 Signature: 

CERTIFIED REPAIR STATION # AJVR135C



MUNCIE AVIATION COMPANY

MUNCIE, INDIANA

47303-9778

PLEASE PLACE IN AIRFRAME LOGBOOK.

***** **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C** *****

Reg. Mark Date Tach
N100CA 4/22/2016 3506.3

See Revised Weight and Balance/
Equipment List dated this date for a
detailed list of all removed and installed
equipment. Installed S-TEC System
55X Two Axis Autopilot with Autotrim IAW
STC # SA09002AC-D. Installed Aspen
EFD1000 P/N 910-00001-001 S/N 22801
IAW STC # SA10822SC. See FAA Form
337 dated this date for details. Installed

GTX327 Transponder P/N 011-00490-00 S/N 83727942 IAW Installation Manual P/N 190-00187-02
Rev. R. The transponder has been tested as required by 91.413 and was found to comply with the
limits set in FAR 43 appendix F. Installed CRB-122253 Cooling Fan S/N 003-013851 IAW Installation
Instructions CRB6457-05. Pitot and Static systems leak check good. Updated GTN750 Software to
Ver. 6.11 IAW Garmin STC SB 1614. Maint Manual was downloaded to CD and placed in aircraft.
AFMS was placed in POH. Updated GDL88 Software to Ver. 3.32 IAW Garmin STC SB 1565. AFMS
and ICA was placed in POH. All systems mentioned in this logbook entry ramp checks good. Aircraft
weight and balance/Equipment list has been updated. Fabricated and installed new instrument panel
out of .090 aluminum IAW AC-43.13-2B Chapter 1 and 2.

Make: Cessna Ser. No.: 18266536

Model: 182Q Reg. Mark: N100CA

The aircraft / component identified above was repaired and
inspected in accordance with current Regulations of the
Federal Aviation Administration and found airworthy, and
is approved for return to service for work performed.

Pertinent details of the repair are on file at the Agency.

Work Order No.: A003982 Date: 04-22-2016

Signed:  Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141 

REC
TAC
TIM

DATE _____

Performed operational flight check of
55X Autopilot and EFD1000 installation.
Ops flight checked good

Make: Cessna Ser No.: 18266536
Model: 182Q Reg. Mark: N100CA

Date: 04-22-2016

Signed:

Kenneth Talhelm

Pilot Certificate # 3126590

Aircraft Tach 3506.8

Aircraft Tach 3506.8

*****MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*****

Tach Make Cessna Ser. No. 18266536

<u>Reg. Mark</u>	<u>Date</u>
------------------	-------------

5/6/2016

Tach
3523.4

Make: Cessna Ser. No. 18266536
Model: 182Q Reg. Mark. N100CA

Removed EFD1000 P/N 910-0001-001
S/N 22801 and installed S/N 22667.
System ramp checks good.

Model: 182Q Reg. Mark. N1866N
The aircraft / component identified above was repaired and
inspected in accordance with current Regulations of the
Federal Aviation Administration and found airworthy, and
is approved for return to service for work performed
Pertinent details of the repair are on file at the Agency.
Work Order No: A004396 Date: 05-06-2016
Inspector for

Work Order No. A004396 Date 05-06-2016 Ins

Work Order No: A004350 Date: 11/11/03
Signed: [Signature] Inspector for CRS #AJVR135C

Signed _____
MUNCIE AVIATION COMPANY C R S. #AJVR135C
765) 289-7141

MUNCIE, IN 47303-9778 (765) 289-7141



RT350
MAC

ns

of Technician or Repair

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 5088817	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					5. Work Order/Contract/Invoice Number: 2267245	
6. Item: 7	7. Description: DIODE	8. Part Number: 1N3881	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New	
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 003872						
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature		14c. Approval/Certificate No.
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 18/May/2016		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

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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5-25-2016

N100CA

Tach: 3526.4

- Owner reported acrid electrical smell in aircraft after connecting a 24V external power supply to aircraft. Opened aft fuselage cargo panel and found resistor at external power fuse panel burnt. Found incorrect 20A fuse in external power fuse holder and aircraft battery at 20V. Replaced .75 Ohm resistor, P/N VL7-.75. Replaced diode, P/N 1N3881 as precautionary. Spliced in new section of heat damaged clock wire at clock fuse holder. Installed new 5A fuse in external power fuse holder. Removed aircraft battery, bench charged, and reinstalled in aircraft. Powered aircraft electrical system and performed operational check of all systems with no defects noted.
- Installed battery minder airframe interface connection kit, P/N BM-AIK2, at master solenoid terminal and airframe ground.
- Weight and balance change negligible.

Eric A. Seber

Eric A. Seber

A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

6405-(); TSO C9c, C52a alt...
older.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

43906

1. Approving National Aviation Authority/Country:
FAA/UNITED STATES

2.

CRS # JY2R943K

4. Organization Name and Address:

Metro Aircraft Instruments, Inc.

2135 Airport Rd., Oakland County Int'l Airport, Waterford, MI. 48327-1207, 248/666-3670

5. Work Order/Contract/Invoice Number:

135089 / A9403

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	VERTICAL SPEED INDICATOR	7000-C6	N/A	1	L878	OVERHAULED

13. Remarks: PIPER P/N 99010-5 550-556
MANUAL # 7000

THIS VSI WAS INSTALLED BY MUNCE
AVIATION SEPT. 2016

Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5112

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in condition for safe operation.
☐ Non-approved design data specified in Block 13.

19. ☒ 14 CFR 43.9 Return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:

16. Approval/Authorization No.:

20. Authorized Signature:

21. Approval/Certificate No.:

JY2R943K

17. Name (Typed or Printed)

18. Date (m/d/y):

22. Name (Typed or Printed)

23. Date (m/d/y):

LARRY CURRY (3185043)

May/17/2013

User/Installer Responsibilities

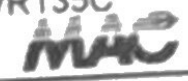
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified in block 1.

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with national regulations by the user/installer before the aircraft may be flown.

YEAR: _____ 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 Facility. (See back pages for other specific entries.)
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*******MUNCIE AVIATION COMPANY C.R.S. # AJVR135C*******

Reg. Mark N100CA Date 9/14/2016 Tach 3575 4
 Installed VSI P/N 7000-C6 S/N L878
 in pilots instrument panel IAW AC43.13-2B
 Chapter 11 Weight change is negligible,
 no change to aircraft weight and balance
 Static system leak checked good IAW
 FAR 91.411 Enabled AOA on the
 EFD1000 IAW Aspen Tech Note 2015-01
 All systems mentioned in this logbook
 entry ramp checks good

Make Cessna Ser No. 18266536
 Model 182Q Reg. Mark N100CA
 The aircraft / component identified above was repaired and
 inspected in accordance with current Regulations of the
 Federal Aviation Administration and found airworthy, and
 is approved for return to service for work performed.
 Pertinent details of the repair are on file at the Agency.
 Work Order No. A004589 Date 09-14-2016
 Signed  Inspector for
 MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
 MUNCIE, IN 47303-9778 (765) 289-7141 

Airframe

12-21-2016

N100CA

Tach: 3592.0

Airframe T.T. 3592.0

Performed Annual Inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.

— Replaced ELT battery, BP-1010. **Next battery replacement due Jan. 2019.**

— I have inspected the ELT system in this aircraft according to applicable aircraft manufacturer's data, ELT manufacturer's data and all applicable FAA guidance and found that it meets the requirements of FAR 91.207(D).

— Removed, inspected, charged and reinstalled main battery. Performed Halon 1211 annual weight check and inspection.

— Cleaned and lubed main and nose landing gear wheel bearings and torque links with Aeroshell 22 grease.

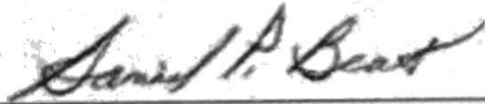
— Replaced instrument air filter, P/N AAD9-18-1 and vacuum regulator filter RAD3-5-1.

— Fabricated new left and right landing gear leg fairings, P/N 0741639-5 and 0741639-6, using .025" thick 2024-T3 aluminum. Cleaned, treated, painted and installed on aircraft. Replaced left and right upper gear leg fairings, P/N SA-0741052-201 and SA-0741052-200 respectively. Replaced left and right gear leg-to-wheel pant fairings, P/N SA-0741634-11 and SA-0741634-10. Painted all parts to match. Replaced right gear leg cover pant assembly, P/N 0741640-2. Painted to match.

— Replaced existing wing tips with RMD Aircraft Lighting Kit RMD-001100-C per STC SA4337NM. New tip assemblies P/N RD-1102-L/R, fitted, painted, and installed on left and right wings per RMD drawings 1115-C dated 8-4-1988, 1136-C dated 8-3-1988. 10A circuit breaker, P/N WS8-XC4C12A-10, installed in left lower instrument panel and identified with placard. Reference Form 337 dated this date and revised weight and balance sheet for additional information.

— Installed Precise Flight Pulselite system per STC SA4005NM and Installation Manual 015PMAN0003/Report PPRI-3000 Rev. K dated 6-24-2013. Pulselite control unit, P/N 1210/2405-2A, S/N J09562 installed on cabin side of firewall under instrument panel and connected to wing tip recognition lights. See Install Manual Section 2.8, Figure 5, example (f) for wiring layout. Installed inline fuse holder with 5A fuse wired to main battery buss. Installed MTA-406N switch on instrument panel left of existing exterior lighting switches. Labeled switch as follows: up position is "Steady" down position is "Pulse." Precise Flight AFM Supplement placed in N100CA Pilot's Operating Handbook. See Form 337 dated this date and revised weight and balance sheet for more information. Wiring conforms to AC43.13-1B, CH 11, Sec. 3. Complete operational test was performed per Pulselite Installation Manual.

Continued on next page

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 5384608	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215					5. Work Order/Contract/Invoice Number: 2500261	
6. Item: 6	7. Description: COVERPLATE AY RH	8. Part Number: 0741640-2	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New	
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 009510						
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: PC4		13d. Authorized Signature		13e. Approval/Certificate No.
13d. Name (Typed or Printed): DANIEL P. BEAT		13e. Date (dd/mm/yyyy): 02/Dec/2016		14b. Name (Typed or Printed):		14c. Date (dd/mm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

- Replaced all exterior lighting with Whelen LED TSOd light assemblies as follows: Nose landing light, P/N 01-0771833-20, S/N 05719, Nose P/N 01-0771833-25, S/N 02600. Left wing tip nav/strobe light, P/N 01-0790725-12, S/N 00733. Right wing tip nav/strobe light, P/N 01-0790725-12, S/N 00722. Tail beacon light, P/N 010771080-01, S/N 02796. Tail position light, P/N 01-0771774V02, S/N 00321. Left recognition light, P/N 01-0771833-20, S/N 05712. Right recognition light, P/N 01-0771833-20, S/N 05721. Removed all existing light assemblies, tail beacon power supply, P/N C594502-0102, S/N 788088, left wing strobe power supply, P/N C622008-0102, S/N 780903, and right wing strobe power supply, P/N C622008-0102, S/N 780880. See revised weight and balance form for additional information.
- Installed Mid-Continent lighted TA-102 dual USB charging port in pilot's side lower right instrument panel per Installation Manual 9017942, Rev. G dated 02-26-2015. Wired to main battery buss with AWG 22 wire with inline fuse holder and 1A fuse. Identification placard installed next to power port. See revised weight and balance for additional information.
- Replaced existing cowling fasteners and mounts with Skybolt Kit SK203C182P4 per STC SA3287SO and Installation Instructions SK4182-42A, Rev-020 dated 7-30-2013. Negligible change in weight and balance.
- Replaced missing static port placards on left and right sides of fuselage.

AIRWORTHINESS DIRECTIVES

- AD2011-10-09 Seats and rails wear inspection. Complied with by inspection.

Next due inspection at A/C TT 3692.0 or Annual.

- AD93-05-06 ACS/Gerdes ignition switch wear and corrosion.

Next due inspection at A/C TT: 4507.7.

- All applicable AD's complied with at this time. See AD list. All ICA's reviewed and complied with at this time.

- Ground run and leak checks were accomplished and no discrepancies noted. All work performed per Cessna 182 Service Manual.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Eric A. Seber

Midwest AeroWorks, LLC

Eric A. Seber

A&P 2813778 IA

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR: _____ 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

- 5-22-2017 N100CA Tach 3621.6 Airframe TT 3621.6
- Removed existing analog clock assembly on pilot's side instrument panel. Installed Guardian AERO-553 clock/CO detector unit in same location using Guardian Avionics drawing 01-553-01, Rev. IR Dated 03/25/2004. Installed Klixon 2277 2-2 CB on panel under main radio stack. Wired in two AL-17 LED amber color annunciator lights, per Guardian drawings and recommendation, on left side lower instrument panel. Left light indicates for cabin altitude alert and right light indicated for high CO alert. Placarded light accordingly. Installed included Davtron OAT probe in left side fuselage panel above OAT probe for EDM-830. Change in weight and balance negligible.
- Per CO Guardian ICA, AERO-553 detector assembly due for overhaul in 5 years. Next due 05-22-2022.
- Installed Door Steward kit, STC SA01120SE, gas strut assemblies and brackets on left and right cabin door frames and doors per installation instructions MVA 200C10M&O, Section A, Rev. C dated 02-01-2008. Installed supplied Door Steward placard on outside of cabin doors. Negligible change in weight and balance. See Form 337 dated this date.
- Installed Flap Gap Seal Kit, STC SA2382NM, per Installation Manual CFIGS, Rev. C Drawings 100/200FGS, dated 01-04-2004. Cleaned, treated and painted gap seals and brackets to match aircraft color. See Form 337 dated this date. Weight and Balance sheet updated this date.
- Installed Micro AeroDynamics Vortex Generator Kit, Item #5060, STC SA00834SE, per Install Manual MA2148, Rev. C, dated 02-07-2003. Painted VGs to match aircraft color and installed as applicable on left and right wings, vertical and lower horizontal stabilizer. Installed placard on right side instrument panel and placed field repair kit in glovebox. See Form 337 dated this date. Weight and balance sheet updated this date.

Eric A. Seber

Midwest AeroWorks LLC

Eric A. Seber

A&P 2813778 IA

1724 E 250 N Washington, IN 47501

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Airframe Tach 3622 1 Airframe T T 3622 1
 5-23-2017 N100CA
 - Performed flight test after installation of flap gap seals and micro vortex generators No adverse flight characteristics observed Aircraft approved for return to service

Eric A. Seber *Eric A. Seber*
 Midwest AeroWorks, LLC
 A&P 2813778 IA
 1724 E 250 N Washington, IN 47501

				CARBON MONOXIDE DETECTOR LOG BOOK REMINDER PIN: <u>AERO-553</u> SIN: _____ Install date: <u>5-22-17</u> Overhaul Due Date: 5 years from install date Return to: www.coguardian.com

[illegible]

1 Approving Civil Aviation Authority Country: FAA/United States		2 AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3 Form Tracking Number 5703206	
4 Organization Name and Address Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215						5 Work Order Contract Invoice Number 2752970	
6 Item 15	7 Description PLACARD	8 Part Number 0705051-1	9 Quantity 1	10 Serial Number N/A		11 Status Work New	
12 Remarks AUTHORIZED RELEASE DOCUMENT PO#: 004781							
13a Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation ☐ Non-approved design data specified in Block 12				13b ☐ 14 CFR 43 Return to Service ☐ Other - Item specified in Block 12 Certifies that unless otherwise specified in Block 12 the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and is approved for return to service			
13c Authorized Signature 		13d Approval Authorization No. PC4		13e Authorized Signature			
14a Name (Typed or Printed) LARRY GILLENWATER		14b Date (dd mm yyyy) 11/Jul/2017		14c Name (Typed or Printed)			
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine's properties (article 1) from the country specified in Block 1. Statements in Blocks 13a and 13b do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

FSA Form 813a-1 (6-14)

ISSN 0022-0141/2004/

ЗАДАЧА ДОП

YEAR:

RECORDING

***** **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C** *****

DATE

Reg. Mark Date

Hobbs

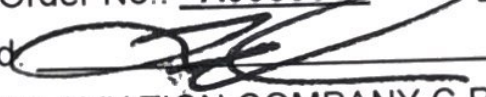
N100CA 10/12/2017

251.2

Updated EFD1000 Software to Ver. 2.9

IAW Aspen SB2016-04, AFMS was placed
in POH. System ramp checks good.Make: Cessna Ser. No.: 18266536Model: 182Q Reg. Mark: N100CAThe aircraft / component identified above was repaired and
inspected in accordance with current Regulations of the
Federal Aviation Administration and found airworthy, and
is approved for return to service for work performed.

Pertinent details of the repair are on file at the Agency.

Work Order No.: A006081 Date: 10-12-2017Signed:  Inspector for

MUNCIE AVIATION COMPANY C.R.S.#AJVR135C

MUNCIE, IN 47303-9778 (765) 289-7141



chnician or Repair

Airframe

01-05-2018

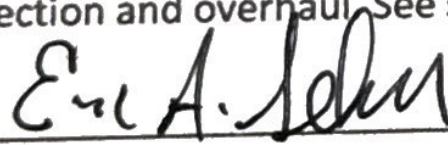
N100CA

Tach: 3685.9

Airframe T.T. 3685.9

– Removed engine for overhaul due to camshaft and lifter corrosion found during cylinder removal. P Ponk O-470-50 engine, S/N 2359, sent to Lawson
Aviation, LLC for inspection and overhaul. See subsequent entries for more information.

Eric A. Seber



A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501


MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR:	A.D.	TOTAL	Airworthiness Directives
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Airframe

03-30-2018

N100CA

Tach: 3685.9

Airframe T.T. 3685.9

- Performed Annual Inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.
- I have inspected the ELT system in this aircraft according to applicable aircraft manufacturer's data, ELT manufacturer's data and all applicable FAA guidance and found that it meets the requirements of FAR 91.207(D). **Next battery replacement due Jan. 2019.**
 - Removed, inspected, charged and reinstalled main battery.
 - Performed annual Halon 1211 fire extinguisher annual weight check and inspection.
 - Cleaned and lubed main and nose landing gear wheel bearings and torque links with Aeroshell 22 grease.
 - Replaced instrument air filter, P/N AAD9-18-1 and vacuum regulator filter RAD3-5-1.
 - Replaced left and right stabilizer tip fairings, P/N GF1232604-1A. Replaced left elevator tip fairing, P/N GF1234608-01B. Painted to match.
 - Replaced left and right main gear brake pads, P/N APS66-10900.
 - Removed engine mount from firewall. Inspected, cleaned, treated, and painted mount assembly. Reinstalled mount on airframe with new attaching hardware and torqued to spec. Replaced deteriorated firewall baffle seals.
 - Removed factory oil temp probe, P/N 442786-63, from instrument panel and firewall. Probe assembly overhaul by Air Parts of Lock Haven on WO#180294. Reinstalled overhauled probe assembly and performed operational check.
 - Replaced tail cone assembly with new fiberglass part from Knots2U, P/N GF1212010-00A. Drilled, fitted and painted.
 - Reinstalled PJonk engine O-470-50, S/N 2359 per Cessna 182 Service Manual section 11-17 thru 11-28 and PJonk Engine Installations Instructions Report No. PPA-10003, Rev. Orig., Dated Dec. 21, 1993. Engine previously modified to PJonk O-470-50 per STC SE4988NM and authorized for use on this airframe. Installed with new Hutchinson isolator mounts, P/N 94110-40, new AN7-33A mount bolts, and 0851559-1 locking tabs. Torqued engine mount bolts to 480 in-lbs. Carburetor repaired/updated by PJonk Aviation. All other accessories supplied overhauled except alternator.

Continued on next page

E. Seher 3/30/18

AIRWORTHINESS DIRECTIVES

- AD2011-10-09 Seats and rails wear inspection. Complied with by inspection. Next due inspection at A/C TT 3785.9 or Annual.
- AD93-05-06 ACS/Gerdes ignition switch wear and corrosion. Operational test okay. Next due inspection at A/C TT: 4507.7.
- All applicable AD's complied with at this time. See AD list. All ICA's reviewed and complied with at this time.
- Ground run and leak checks were accomplished and no discrepancies noted. All work performed per Cessna 182 Service Manual.
- I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Eric A. Seber

Eric A. Seber

A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

Engine Airframe

5-7-2018

N100CA

Tach: 3704.8

Hobbs: 285.1

- Replaced defective factory amp meter, P/N 440437, S/N W50402. Installed P/N 440437, S/N 181174 overhauled by Air Parts of Lock Haven, reference WO #181174. All indications normal at this time.

Eric A. Seber

Eric A. Seber

A&P 2813778

Midwest Aeroworks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

200 MB/s
128 GB
SanDisk

N#		100CA
S/N:		12014
Test		
Case Leak		
1 st Test point	Hysteresis	Tol. (Ft)
2 nd Test point	±100	
Effect	75	-10'
	75	25'
	30	10'
	5'	
Barometric Scale Error		
Altitude Difference		
	-1727	
	-1750'	



The French Connection

Your Avionics Specialist

YEAR

DATE

Complied with FAR 91.411 on Altimeter Aspen 910-00001-001 S/N 22801 & was tested to 20K'

Complied with FAR 91.411 on Altimeter United 5934P-1 S/N 12014 & was tested to 20k'

Complied with FAR 91.413 on Transponder Garmin GTX 327 S/N 83727942 & Encoder Aspen above to 20K'

Preformed static leak test as per FAR 23.1325 b.2.i
Work preformed was done I. C. W. FAR 43 App E & F

N100CA Tick time 3705.2 Hobbs Make Cessna Model 182Q S/N 18266536

Bill Pen
FAA CRS 11FR462B

DATE 3/25/2018 WOH TFC 18-694

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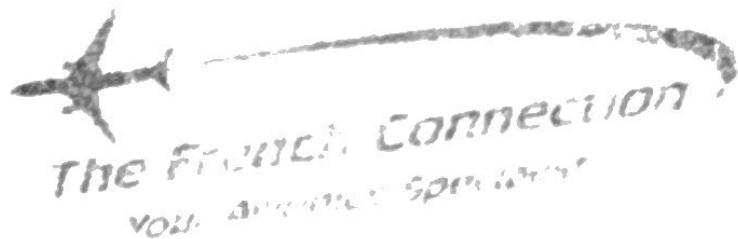
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YEAR

DATE



Complied with FAR 31.411 on Altimeter Aspen 910-00001-001 S/N 22801 & was tested to 20k'

Complied with FAR 31.411 on Altimeter United 5934P-1 S/N 12014 & was tested to 20k'

Complied with FAR 31.413 on Transponder Garmin GTX 327 S/N 83727642 & Encoder Aspen above to 20k'

Performed static leak test as per FAR 23.1325 E 2.1
Work performed was done I. C. W. FAR 43 App E & F

APR 4 Tick time 37052 Hobbs Mike Cessna Model 182Q S/N 1826

Bill Pen

DATE 4/25/2018 HOBBS TEC 18-074

E14 CRS 11FR462B

Airframe

04-01-2019

N100CA

Tach: 3746.2

Airframe T.T. 3746.2

Performed Annual Inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.

– Replaced ELT battery pack, P/N BP-1010. **Next battery replacement due May 2021.**

– I have inspected the ELT system in this aircraft according to applicable aircraft manufacturer's data, ELT manufacturer's data and all applicable FAA guidance and found that it meets the requirements of FAR 91.207(D).

– Removed, inspected, charged and reinstalled main battery.

– Performed annual Halon 1211 fire extinguisher weight check and inspection.

– Cleaned and lubed main and nose landing gear wheel bearings and torque links with Aeroshell 22 grease.

– Replaced instrument air filter, P/N AAD9-18-1 and vacuum regulator filter RAD3-5-1. Drained fuel strainer bowl and reinstalled.

– Per owner request, swapped position with VSI and #2 CDI.

– Serviced nose strut with dry nitrogen.

– Found 3 working rivets on top of left stabilizer near leading edge. Drilled out existing rivets and replaced with CR3243-4 rivets.

AIRWORTHINESS DIRECTIVES

– AD2011-10-09 Seats and rails wear inspection. Complied with by inspection. Next due inspection at A/C TT 3846.2 or Annual.

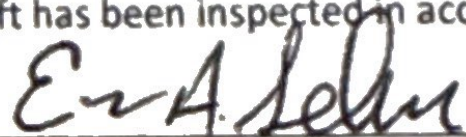
– AD93-05-06 ACS/Gerdes Ignition switch wear and corrosion. Operational test okay. Next due service/inspection at A/C TT: 4507.7.

– All applicable AD's complied with at this time. See AD list. All ICA's reviewed and complied with at this time.

– Ground run and leak checks were accomplished and no discrepancies noted. All work performed per Cessna 182 Service Manual.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.

Eric A. Seber



A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

☐ Addition of Required-Exchanged for Opt
☐ Removal of Required-Exchanged for Opt

AIRCRAFT MAINTENANCE LOGBOOK ENTRY

Notes

Date: 25 JULY 2019

Registration: N 100CA

UPDATED SOFTWARE OF GARMIN GTN750 NAV/COM S/N 1ZA016580 TO V6.62
PER GARMIN SB1933. UPDATED SOFTWARE OF GARMIN GDL88 DATALINK
S/N 22T004291 TO V3.41 PER GARMIN SB1809. UPDATED SOFTWARE OF ASPEN
EFD1000 PFD S/N 22667 TO V2.9.0.1 PER ASPEN SB2019-01.

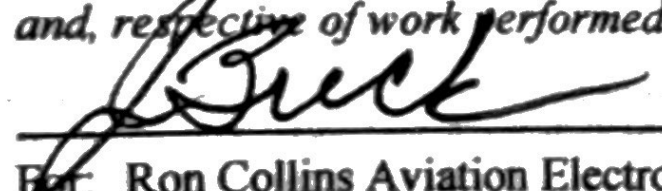
Software Load:

SW P/N MAP ... 302-00007-027 B (V2.9.0.1)

SW P/N IOP 302-00013-007 A (V2.1.1)

Label P/N 505-00039-027 Rev -

Pertinent details of this repair are on file at this Repair Station under Work Order No.: 19-367, 19-368
The aircraft and/or component(s) identified above was repaired and inspected in accordance with current FAA regulations and, respective of work performed, found to be airworthy and approved for return to service.


For: Ron Collins Aviation Electronics
2158 State Route 136W

CRS No. PG2R082L
Henderson City-County Airport

Phone: (270) 827-1161
Henderson, KY. 42420



Muncie Aviation Company
An Employee Owned Company



Reg. Mark

Tach

Make

Model

S/N

N100CA

3761.4

Cessna

182Q

18266536

Aspen reboots at random. Sent picture of diagnostics page to Aspen Avionics. EFD1000 version 2.9 1 s/n 22667. Aspen tech support confirms an intermittent internal issue with this display. Customer deferred repair at this time.

The aircraft/component identified above was repaired/inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Details of the repair/inspection are on file at this C.R.S. under Shop Order No. A-19-2336

Date 9/13/2019 Signed  Inspector For Muncie Aviation Company

CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141