

2  
AIRCRAFT RECORD - GENERAL INFORMATION

MANUFACTURER CESSNA MODEL 182R SERIAL 68158  
 REGISTRATION NUMBER N9978H DATE MFG. 1-82  
 ENGINE(S) CURRENTLY INSTALLED. CONTINENTAL MODEL O-470-U SERIAL 286910-R CHANGE 3-295  
~~490222~~

DATE 19 <u>93</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-5-93	1412.6		1412.6	Completed 100 Hour Inspection This Date. FLT Checked, Battery Replaced, Next Due 1-96. Re-lined Right Brakes. <u>W AD 87-20-03</u> R2-Seat Rail Insp. <u>W AD 76-712 MAG</u> Switch Insp. <u>AD 93-0817 NA By S/N</u> <u>AD 93-10-02 NA By S/N - END - - -</u>
				I certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Time <u>1412.6</u> hours Thomas R. Hurlocker A&P 1908143IA <u>Hurlocker 12-5-93</u>

LOG BOOK ENTRY

N# <u>9978H</u>	MODEL <u>182R</u>	S/N <u>18268158</u>	DATE: <u>7-28-93</u>
TT: <u>1381.2</u>	H.M./TACH: <u>-</u>	CYCLES: <u>-</u>	W.O.# <u>A0410</u>

REMOVED ATTITUDE GYRO, P/N C661076-0101,  
 S/N A21588J AND REPLACED WITH EXCHANGE,  
 S/N 82917F. REPLACED VACUUM HOSES. GND  
 CHECKS GOOD

APPROVED BY  
  
 INSPECTOR FOR  
 PIEDMONT AVIATION SERVICES, INC.  
 WINSTON-SALEM, N.C.  
 REPAIR STATION # PAIR 206A



DATE 1995	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-2-95	1518.5		1518.5	REMOVED ENGINE SN 470222 THIS DATE FOR TIME. INSTALLED TELEDYNE CONTINENTAL ZERO TIMED ENGINE, O-470U-17B, SN 286910-R. ENGINE INSTALLED WITH NEW SHOCK MOUNTS, MT. BOLTS LOCK TAB WASHERS, PER CESSNA M/M. INSTALLED OVERHAULLED ALTERNATOR SN A-99479 - SEE TAG FORM 8130-3. REPAIRED CRACKED PORTFELS & INSTALLED NEW PORTFEL RUBBER SEATS. INSTALLED NEW FUEL HOSE & OIL PRESSURE HOSE ENGINE TO FIREWALL. INSTALLED NEW SEAT DUEING TO HEAT & CARB HEAT. INSTALLED OVERHAULLED PROP GOVERNOR C29003G/T4 SN 812754 - SEE TAG 2-3-95 R.S. YVAR 688M ON W.O. 16 214. INSTALLED OVERHAULLED PROP MODEL 2A3AC204 SN 816316 SEE TAG DATED 2-3-95, R.S. YXAR 690M ON W.O. NR-5819. CLEANED & REPAINTED ENG. MT. SERVICED ENGINES WITH AIRWATER 40 REG. OIL. - END J.R. Hurlocker A&P 1908143

DATE 1995	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-2-95	1578.5		1518.5	COMPLETED 100 HOUR INSPECTION THIS DATE PER CESSNA INSP GUIDE. REPLACED MIXTURE CONTROL CABLE NEW. REPLACED MANIFOLD PRESSURE GAUGE NEW. REPLACED VOLTAGE REGULATOR NEW. REPLACED COUPLING SACK MTS AS NEEDED. REPLACED ALL TIRES NEW & NEW TUBE RIGHT MAIN. RESEATED FUEL SELECTOR VALVE. CHECKED FUEL PUMP. INSTALLED NEW FEET SEAT LOWER FLOW WINDSHIELD. REPLACED BRACKET AIR FILTER ELEMENT. REPLACED BEACON LAMP. ELT CHECKED - PART. DEC 1-96. SN AD 84-10-01R2 SEAT TRACKS LOCKING, INSP. SN AD 76-71R MAY 20/95
				I certify that this <del>Aircraft</del> has been inspected in accordance with a <del>ANNUAL</del> inspection and was determined to be in airworthy condition. Time 1518.5 hours Thomas R. Hurlocker A&P 1908143 IA J.R. Hurlocker 3-2-95



DATE 19 95	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-9-95	1523.3		1523.3	Replaced Vacuum Pump. Installed Airbox 21205 S/N 25A198 Overhauled By Also Accessories W.O. 162H. 505 209 J.R. Henlocke 15P190843

DATE 19 95	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<b>PIEDMONT AVIATION SERVICES INC.</b>				
DATE: 3/15/95 MODEL: 182R S/N: 18268158 TT: 1530.4 HM: N# 9978H WO# 1365				
I Certify that the following Equipment have been tested in accordance with FAR 91.411				
Altimeter:		Date 3-15-95		Tested to 20,000 Feet.
LH S/N 283308		Date		Tested to Feet.
RH S/N NA				
Altitude reporting system tested to: 20,000 Feet.				
I Certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F.				
Transponder		Date 3-15-95		MFGR: ARC
#1 S/N 29162				
NEXT DUE DATE: 12/97				
APPROVED BY: <i>[Signature]</i>			INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A	
4-6-95	1543.9	VOR check	over INT <sup>TOWER</sup> using Greensboro VOR Radial 297	
			VOR-1 196 2° error	DME 13.5
			VOR-2 197 1° error	



DATE  
19\_\_

1627059



OF  
(RIES.)

# PIEDMONT

AVIATION SERVICES, INC.

DATE: 5/24/95 MODEL: 182R S/N: 18268158 TT: 1564.5 HM: N# N9978H WO# 0468S

Changed oil and filter, Serviced with Aeroshell 40W, Installed new filter P/N CH48109, Ground run and leak check was good END WO# 0468S

APPROVED BY: [Signature] INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.

8-3-95

Replaced TACK with new  
IND.

Ser off 436

Ser on 3320 0000925030

W2 Whitman Jr

A+P 1627059

Add this TIME on  
New TACK

TIME on old TACK 1,590.5  
8-3-95

19.5

TACK TIME FLIGHT SERVICE MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Replaced Left cow) Flap  
Push Pull Rod ops ck ok

W2 Whitman Jr

A+P 1627059

8-9-95

## PIEDMONT AVIATION SERVICES INC.

DATE: 12/18/95 MODEL: R182 S/N: 1826158 TT: HM: N# 9978H WO# 1807

INSTALLED REPAIRED STORMSCOPE PROCESSOR WX10 P/N 78-8041-7673-9  
S/N 0P83080775 AND STORMSCOPE DISPLAY WX10 P/N 78-8041-7634-1 S/N 0D83080775.

APPROVED BY: [Signature] INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A



DATE 1996	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-18-96	52.5		1643.0	<p>Completed 100 Hour Inspection Per Cessna Inspection Guide. FUEL/AIR FICTER Replaced. Replaced Left Cowling Hinges BOTH Cowling Pins. Replaced Left Wing Tip STROBE FURNITURE. Replaced ELT BATTERY, NEXT DUE 3-98. Serviced NOSE STRUT AIR. Replaced 6 Cowling MOUNTS &amp; FASTENERS. RELINED LEFT BORMICE. (C/W AD 87-20-03 R2 SEAT TRACK Insp. Repacked AIR WHEEL BEARINGS. Q/W AD 93-05-06 19 WIRE SWITCH Insp &amp; MDA PER CESSNA S.B. SER 91-5 R1 KIT A.3600 &amp; DIODE INSTALLED. — END —</p> <p>I certify that this Aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Time 643.0 hours Thomas R. Hurlocker, A&amp;P 1908143 IA J.R. Hurlocker 3-18-96</p>

DATE 1997	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5-1-97	137.2		1727.7	<p>Completed 100 Hour Inspection THIS DATE PER CESSNA Insp Guide. Replaced AIR FICTER ELEMENT. ELT CHARGED, BATTERY DUE 3-98. Replaced RIGHT MAIN TIRE, ROTATED LEFT TIRE ON WHEEL. Replaced RIGHT STROBE POWER SUPPLY &amp; FASTENERS Q/W AD 87-20-03 R2 SEAT TRACK Insp. Q/W AD 97-01-15 FUEL, OIL &amp; HYD HOSE Insp. AD 95-21-15 NA By "N" NUMBER. AD 96-12-04 NA By PISTON TYPE. — END —</p> <p>I certify that this Aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Time 1727.7 hours Thomas R. Hurlocker, A&amp;P 1908143 IA J.R. Hurlocker 5-1-97</p>



## PIEDMONT AVIATION SERVICES INC.

DATE:10/17/97 MODEL:CESSNA 182R S/N:18268158 TT: 187.7 HM: N# 9978H WO# 3169

I Certify that the following Altimeter(s), static system(s) and Altitude reporting system(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter:

LH S/N 283308

Date 10/17/97

Tested to 25,000 Feet.

RH S/N NA

Date

Tested to Feet.

Altitude reporting system tested to Feet..25,000

I Certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder

#1 RT-359A

Date 10/17/97

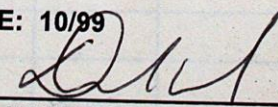
MFGR: A.R.C.

#2 N/A

Date

MFGR:

NEXT DUE DATE: 10/99

APPROVED BY:  INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A

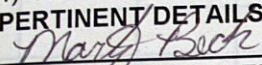
## PIEDMONT

AVIATION SERVICES, INC.

DATE:03-05-98 MODEL:C-182 S/N:68158 TT:1797.5 HM:207.0 N#9978H WO#2968S

1) Removed battery from aircraft. Charged & serviced. Reinstalled in aircraft. Op,s check good.

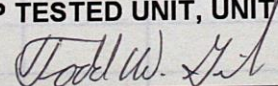
PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. APPROVED BY:

 INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.

## PIEDMONT AVIATION SERVICES INC.

DATE:5/27/98 MODEL:182R S/N:18268158 TT: 227.4 HM: N# 9978H WO# 3713

REMOVED, REPAIRED & REINSTALLED A.R.C. TRANSPONDER RT-359, P/N 41420-0028 S/N 29162. RAMP TESTED UNIT, UNIT TESTED GOOD.

APPROVED BY:  INSPECTOR FOR PIEDMONT AVIATION SERVICES, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A







DATE	RECORDING TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENCLOSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10-1-99	357.7		1948.2	<p>Completed 100 Hour Inspection This Date Per Cessna Inspection Guide. ECT Check Per AC43.13-1B 12-22 To comply with FAR 91.207 ECT Battery Due 8-00. C/W AD 87-20-03R2 Seat &amp; Rack Inspection Replaced Left Main Tire New. Serviced Nose Strut Air &amp; Oil. Serviced Brakes Fluid. Air Filter Element Replaced. AD 98-16-04 NA By NO STE. EWN -</p>
				<p>I certify that this <del>Aircraft</del> <sup>Aircraft</sup> has been inspected in accordance with a <del>A.I.P.M.R.</del> <sup>A.I.P.M.R.</sup> inspection and was determined to be in airworthy condition. Time <del>1948.2</del> <sup>1948.2</sup> hours          Thomas R. Hurlocker A&amp;P 1908143 IA  <i>J.R. Hurlocker</i> 10-1-99</p>

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENCLOSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-27-99	364.0		1954.5	<p>REMOVED ENGINE O-470-U S/N 286910-R &amp; Prop 2A34C204 S/N 816316 DUE TO Prop STRIKE.  <i>J.R. Hurlocker</i>          A&amp;P1908143</p>
2-27-00	364.0		1954.5	<p>REINSTALLED ENGINE O-470-U S/N 286910-R AFTER INSPECTION PER 3B 96-11. SEE ENGINE Log FOR DETAILS. INSTALLED NEW McCauley Prop model C2A34C204-C S/N 992609. ENGINE &amp; Prop INSTALLED PER M/M. ENGINE INSTALLED WITH NEW LOUD MOUNTS &amp; MOUNT BOLTS.  <i>J.R. Hurlocker</i>          A&amp;P1908143</p>
				<p>I certify that this <del>Aircraft</del> <sup>Aircraft</sup> has been inspected in accordance with a <del>A.I.P.M.R.</del> <sup>A.I.P.M.R.</sup> inspection and was determined to be in airworthy condition. Time <del>1954.5</del> <sup>1954.5</sup> hours          Thomas R. Hurlocker A&amp;P 1908143 IA  <i>J.R. Hurlocker</i> 2-27-00</p>



**PIEDMONT HAWTHORNE  
AVIATION**

**DATE: 09-14-2000 MODEL: 182R S/N: 18268158 TACH: 402.9 N# 9987H  
WO# H000598**

**REMOVED OLD GILL 243 BATTERY AND SEVICED, CHARGED AND  
INSTALLED NEW GILL 243 BATTERY S/N G01913608. OPS CHECK GOOD**

**PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.**

**APPROVED BY: [Signature] INSPECTOR FOR PIEDMONT  
HAWTHORNE AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR  
208A.**

DATE	TACH TIME	TODAYS FLIGHT	TIME IN SERVICE	ENTRIES MUST BE ENDORSED WITH NAME, ADDRESS AND SIGNATURE OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
03-02-01	424.5		2015.0	Completed 100 Hour Inspection this DATE UsingCESSNA Inspection 182 GUIDE. Replaced ELT BATTERY NEXT DUE 04-03. YW FAR 91. 201 (d) ELT INSPECTION UNIT DORNE & MARGOLIN DM ELT 6-1 S/N 52091. Replaced RIGHT MAIN TIRE NEW. YW AD 87-20-03R2 SEAT RIM & LUB & INSPECTED Replaced Oil Temp SENSING UNIT. Replaced Wiring AT Cyl. HEAD TEMP SENSOR. YW AD 2000-06-01 FUEL STRAINER STAINLESS PIPE / WSP SERVICED NOSE STRUT WITH N2. AD 2000-23- 21 ND BY CRANK S/N. YW AD 96-12-07 MB IMPULSE Insp. RECTIFIED 500 HRS. -END
				I certify that this AIRCRAFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Time <u>2015.0</u> hours Thomas R. Hurlocker A&P 1908143 IA <u>[Signature]</u>



# PIEDMONT HAWTHORNE AVIATION

DATE: 02/01/02 MODEL: 182 S/N: 68158 TT: 0459.8 HM: N#9978H WO#A001617

I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

**Altimeter:**

#1 P/N S-1313 S/N 1008 Date: 02/01/02 MFGR: CESSNA

Altitude reporting system tested to 20,000 feet.

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

**Transponder**

#1 Model RT-359A S/N 29162 Date: 02/01/02 MFGR: CESSNA  
NEXT DUE DATE: 02/04

APPROVED BY: *S. Bc* INSPECTOR FOR PIEDMONT HAWTHORNE AVIATION, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A

MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Removed Alc Battery - installed  
new G-243 serviced BATT  
installed in Alc

ser off G01913608

ser on G-~~243~~ 02020539

5-16-02

W L Whitman Jr

ATP 1627059



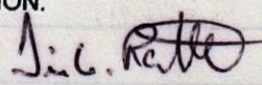
AIRFRAME LOGBOOK ENTRY

N9978H  
CESSNA 182R, S/N 18268158  
533.5 TACH

11 SEPT2003  
2124.0 T.T.

PERFORMED AN ANNUAL INSPECTION USING APPLICABLE SERVICE MANUALS AND 14 CFR 43, APP. D AS A GUIDE. C/W AD 87-20-03 R2, EFF. DATE 09/24/90 (SEAT TRACKS AND ROLLERS) PER PART 1, PARA. (b)(c), SUB PARA. (1 THRU 7). NEXT DUE AT ANNUAL INSPECTION. REPLACED INDUCTION AIR FILTER (BA 8103-1), VAC. REGULATOR FILTER (B3-5-1), ELT BATTERY (BP-1020). SERVICED BRAKE FLUID RESERVOIRS. LUBRICATED HINGE POINTS. INSPECTED ELT SYSTEM IN ACCORDANCE WITH AC 43.13-1B, CHAPTER 12, SECTION 2, PARAGRAPH 12-22 AND FOUND THAT IT MEETS THE REQUIREMENTS OF 14 CFR 91.207(d). ELT BATTERY REPLACEMENT DATE : 09-05. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

TIM G. ROTHROCK A&P244728775IA

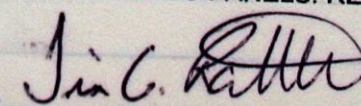


N9978H  
CESSNA 182R, S/N 18268158

1 OCT 2003  
537.8 TACH

REPLACED FLEXIBLE FUEL LINES (MIL-H-6000-8) AT FUEL TANK OUTLETS AND DOOR POSTS. REMOVED, CLEANED AND SEALED TOP TANK FUEL ACCESS PANELS. REPLACED FUEL CAP GASKETS (B100142-1).

TIM G. ROTHROCK A&P244728775IA



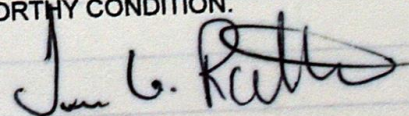
AIRFRAME LOGBOOK ENTRY

N9978H  
CESSNA 182R, S/N 18268158  
590.7 TACH

06 OCTOBER 2004  
2181.2 T.T.

PERFORMED AN ANNUAL INSPECTION USING APPLICABLE SERVICE MANUALS AND 14 CFR 43, APP. D AS A GUIDE. C/W AD 87-20-03 R2, EFF. DATE 09/24/90 (SEAT TRACKS AND ROLLERS) PER PART 1, PARA. (b)(c), SUB PARA. (1 THRU 7). NEXT DUE AT ANNUAL INSPECTION. REPLACED LEFT WHEEL BRAKE LININGS (066-30026). SERVICED BRAKE FLUID RESERVOIRS. LUBRICATED HINGE POINTS. INSPECTED ELT SYSTEM IN ACCORDANCE WITH AC 43.13-1B, CHAPTER 12, SECTION 2, PARAGRAPH 12-22 AND FOUND THAT IT MEETS THE REQUIREMENTS OF 14 CFR 91.207(d). ELT BATTERY REPLACEMENT DATE : 09-05. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

TIM G. ROTHROCK A&P244728775IA











# LANDMARK AVIATION

DATE: 12/12/06 MODEL : 182R S/N: 18268158 TACH: 705.8 N#: 9978H W/O# H003133 TT: 2296.3

Performed an ANNUAL Inspection using Cessna Model 181 & 182T Series Service Manual as guide . Replaced induction air filter , inspected ELT per FAR 91.207(d) no defects noted battery due replacement 11/07 , replaced right main tire P/N: 301-002-006 S/N: 62010027 , rotated left main tire on wheel , C/W A.D. 87-20-03R2 inspected seat tracks and seat stop pins no defects noted next insp. due 805.8 , replaced CHT probe. Performed ground operational checks no defects noted . END

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY: *Wayne Moore* INSPECTOR FOR  
LANDMARK AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY: *Wayne Moore* INSPECTOR FOR  
LANDMARK AVIATION, WINSTON-SALEM, NC. REPAIR STATION # PAIR208A

## LANDMARK AVIATION

DATE: 12-11-06 MODEL: 182R S/N: 18260158 HM: 705.8 N# 9978H WO# A005114

I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter:

#1 P/N: S-1313 S/N: 1008 Date: 12-11-06 MFGR: CESSNA

Altitude reporting system tested to 20000 feet.

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder

#1 Model: RT-359A S/N: 29162 Date: 12-11-06 MFGR: CESSNA

NEXT DUE DATE: 12-11-08

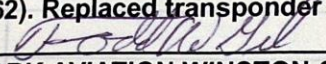
APPROVED BY: *Todd W. Del* INSPECTOR FOR PIEDMONT HAWTHORNE  
AVIATION, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A



## LANDMARK AVIATION

DATE: 3/6/07 MODEL: 182R S/N: 18268158 TACH: 0717.3 N# 9978H WO# A005265

Removed, repaired, and reinstalled the transponder (model number RT-359A, part number 41420-0028, serial number 29162). Replaced transponder co-ax. Ramp checked operation.

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION WINSTON-SALEM, N.C.  
REPAIR STATION # PAIR208A

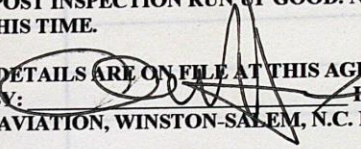
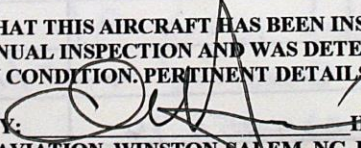
## LANDMARK AVIATION

DATE: 8/13/07 MODEL: 182R S/N: 18268158 TT: TACH: 0746.2 N# 9978H WO# I000548

1. REMOVED GNS 530 P/N 011-00550-10, S/N 78414225 AND SENT TO GARMIN FOR UPGRADE TO GNS 530W (WAAS) P/N 011-01064-40, S/N 78414225.-----
  2. REMOVED THE GARMIN GA-56 GPS ANTENNAS AND INSTALLED THE GA-35 GPS-WAAS ANTENNAS IN THE SAME LOCATION UTILIZING EXISTING STRUCTURE.-----
- FOR ADDITIONAL INFORMATION SEE THE FAA FORM 337 AND/OR LANDMARK AVIATION WORK ORDER NUMBER I000544. SYSTEM RAMP CHECKED GOOD.<><><><END><><><>.

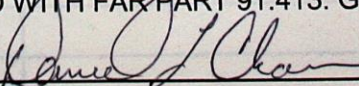
APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION, WINSTON-SALEM, N.C.  
REPAIR STATION # PAIR208A



DATE	RECORDING TACH TIME	TOTAL TIME IN SERVICE	LANDMARK AVIATION	CERTIFICATE NUMBER OF OTHER SPECIFIC ENTRIES
19__			<p><b>DATE:1/11/08 MODEL:182R S/N:18268158 TACH: 779.8N#:N9978H W/O# H003501 ACTT:2370.4</b></p> <p>PERFORMED ANNUAL INSPECTION REF. CESSNA 182 SERIES MAINT. MANUAL INSPECTION GUIDE. LUBED AIRCRAFT. PERFORMED FAR 91.207(d) INSPECTION . REPLACED BATTERY PACK WITH NEW, EXPIRES 4/10, CW AD 87-20-03 SEAT TRACK AD, NO DEFECTS NOTED, DUE @ TT:879.8, REPLACED LEFT MAIN TIRE WITH NEW PN-301-002-066 SN:70660006, TORQUED I-A-W MANUF. SPECS, SERVICED TIRE I-A-W P.O.H, REPLACED INDUCTION FILTER WITH NEW, REPLACED SEVERAL COWLING FASTNERS WITH NEW. POST INSPECTION RUN UP GOOD. NO LEAKS OR DEFECTS NOTED AT THIS TIME.</p> <p>PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.  APPROVED BY:  INSPECTOR FOR  LANDMARK AVIATION, WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A.</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.  APPROVED BY:  INSPECTOR FOR  LANDMARK AVIATION, WINSTON-SALEM, NC. REPAIR STATION # PAIR208A</p>	

**LANDMARK AVIATION**

**DATE:2/28/08 MODEL:182R S/N:18268158 TT: 798.6 HM: N# 9978H WO# A005880**  
REMOVED ARC RT-359A TRANSPONDER AND INSTALLED GARMIN GTX-327  
TRANSPONDER. COMPLIED WITH FAR PART 91.413. GROUND TESTED GOOD.<<<END>>>

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION WINSTON-SALEM, N.C.  
REPAIR STATION # PAIR208A





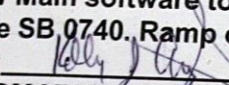




**LANDMARK  
AVIATION**

DATE: 2/10/2009 MODEL: 182R S/N: 18268158 HM: 829.3 N# 9978H WO# A006430

Updated Garmin GNS-530W Main software to 3.11 and GPS software to 3.2 to comply with Mandatory Garmin Software SB 0740. Ramp checked related systems. <<end>>

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION WINSTON-SALEM, N.C.  
REPAIR STATION # PAIR208A



**LANDMARK  
AVIATION**

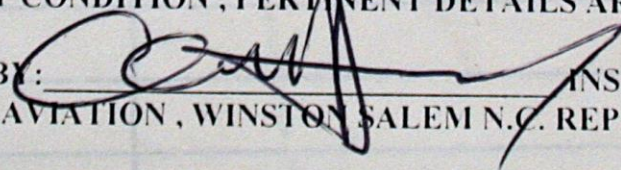
DATE: 2/12/09 MODEL: 182R S/N: 18268158 TACH: 829.3 N #: N9978H  
W/O# H003843 ACTT: 2419.9

PERFORMED ANNUAL INSPECTION REF. CESSNA 182 SERIES SERVICE MANUAL. LUBED AIRCRAFT. C/W FAR 91.207(d) ELT INSPECTION SN: 52091 EXPIRES 4/2010, REPLACED FLAP CHAFF BUTTONS WITH NEW, REPLACED ALL FLAP ROLLERS WITH NEW, CHECKED RIGGING. ALL FLAP TRAVEL WITHIN LIMITS. REPLACED INDUCTION FILTER WITH NEW, LUBED AND ADJUSTED CABIN HEAT CABLE AS REQUIRED. C/W AD 87-20-03 R2 SEAT TRACK INSPECTION. NO DEFECTS NOTED DUE @ 929.3 / ANNUAL, C/W AD 2008-26-10 ALT. AIR VALVE, NA BY AFFECTED PART NOT INSTALLED, REPLACED THROTTLE ROD END WITH NEW AND ADJUSTED AS REQUIRED. POST INSPECTION RUN UP GOOD. NO LEAKS OR DEFECTS NOTED AT THIS TIME.

PERTINENT DETAILS ARE FILE AT THIS AGENCY.

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR 208A

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION, PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM N.C. REPAIR STATION #PAIR208A





**LANDMARK  
A V I A T I O N**

DATE: 3/11/10 MODEL:182R S/N: 18268158 TACH: 875.9 N #: 9978H W/O#  
H19-10-00258

Performed an ANNUAL Inspection using Cessna 182&T182 Series Service Manual as a guide. Replaced taxi light , complied with A.D. 87-20-03R2 inspected seat tracks and seat latches no defects noted next inspection due at 975.9 , replaced induction airfilter P/N:8103-1, inspected ELT S/N: 52091 per FAR 91.207(d) no defects noted and replaced battery next replacement date Mar. / 2012 , adjusted aileron cable tension per Cessna 182 Service Manual 6-18. Performed ground operational checks no defects noted. END-----

PERTINENT DETAILS ARE FILE AT THIS AGENCY.

APPROVED BY: Wayne Mot INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR  
208A

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION , PERTINENT DETAILS ARE ON FILE AT THIS  
AGENCY.

APPROVED BY: Wayne Mot INSPECTOR FOR  
LANDMARK AVIATION , WINSTON SALEM N.C. REPAIR STATION  
#PAIR208A





**LANDMARK  
A V I A T I O N**

DATE: 3/15/11 MODEL:182R S/N:18268158 TACH:912.2 N #:9978H W/O#H19-11-00499 ACTT:2502.8

Performed an ANNUAL Inspection using Cessna Progressive Care Model 182&T182 operation 1,2,3&4 as a guide . Inspected ELT S/N: 52091 per Far 91.207(d) no defects noted battery due replacement 4/2012 , replaced left exhaust stack with new P/N: K0750161-67A S/N: 202227 and replaced muffler with new P/N: K0750161-89M S/N: 204801 , complied with AD 87-20-03R2 inspected seat tracks and seat stop pins no defects noted next inspection due 1012.2 , complied with AD 2008-26-10C no affected alternate static air valve installed . Performed ground operational checks no defects noted . END-----

PERTINENT DETAILS ARE FILE AT THIS AGENCY.

APPROVED BY: Wayne Moon INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR  
208A

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION , PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY: Wayne Moon INSPECTOR FOR  
LANDMARK AVIATION , WINSTON SALEM N.C. REPAIR STATION  
#PAIR208A





DATE: 3/16/2011 MODEL: 182R S/N: 18268158 TT: 912.3 N# N9978H WO# A19-11-00887

I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter:

#1 P/N: S-1313 S/N: 1008 Date: 03/16/2011 MFGR: Cessna  
#2 P/N: SSD-120-30A S/N: A55297 Date: 03/16/2011 MGGR: T.C.I.

Altitude reporting system tested to 22K feet.

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder:

#1 Model: GTX-327 S/N: 83732487 Date: 03/16/2011 MFGR: Garmin

NEXT DUE DATE: 03/2013

APPROVED BY:  INSPECTOR FOR LANDMARK AVIATION  
WINSTON-SALEM, N.C. REPAIR STATION # PAIR 208A









**LANDMARK  
A V I A T I O N**

DATE:3/21/12 MODEL:182R S/N:18268158 TACH:924.6 N #:9978H W/O#H19-12-00723

Performed an ANNUAL Inspection using Cessna Model 182 & T182 Series Service Manual as a guide.

Complied with AD 2011-10-09 inspected seat and tracks next inspection due 1024.6 or 3/21/2013

Inspected ELT S/N: 52091 per FAR 91.207(d) and replaced battery next replacement due March 2014

Replaced induction air filter

Performed ground operational checks no defects noted . END-----

PERTINENT DETAILS ARE FILE AT THIS AGENCY.

APPROVED BY *[Signature]* INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR  
208A

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION , PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY *[Signature]* INSPECTOR FOR  
LANDMARK AVIATION , WINSTON SALEM N.C. REPAIR STATION  
#PAIR208A





**LANDMARK  
A V I A T I O N**

DATE:4/22/13 MODEL:182 S/N:18268158 TACH:943.3 N #:9978H W/O#H19-13-00948

Performed an ANNUAL Inspection using Cessna Model 182 & T182 Series Service Manual as a guide

Lubed cabin heat control cables

Serviced nose strut with fluid and nitrogen

Inspected ELT S/N: 52091 per FAR 91.207(d) no defects noted battery due replacement Mar./2014

Replaced right elevator top skin , painted and balanced elevator

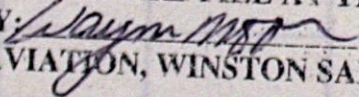
Seal right fuel cell top skin

Replaced alternator belt

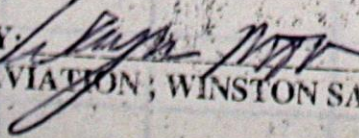
Replaced induction air filter

Performed ground operational checks no defects noted. END\_-----

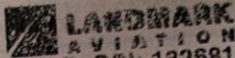
PERTINENT DETAILS ARE FILE AT THIS AGENCY.

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM, N.C. REPAIR STATION # PAIR  
208A

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

APPROVED BY:  INSPECTOR FOR  
LANDMARK AVIATION, WINSTON SALEM N.C. REPAIR STATION  
#PAIR208A





DATE: 2-27-2014 MODEL: 182R S/N: 18268158 TACH: 965.0 N9978H  
WO#H19-14-01143

- 1) Replaced starter relay with new p/n S2443-2 per Cessna 182 MM section 16. Ops checked normal.

**PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. APPROVED FOR RETURN TO SERVICE**  
BY: J.R. DeLoecker INSPECTOR FOR LANDMARK AVIATION, WINSTON-  
SALEM, N.C. REPAIR STATION NO. PAIR208A.

### LANDMARK AVIATION

DATE: 4/2/2014 MODEL: 182 S/N: 18268158 HM: N# N9978H WO# H19-14-01161  
I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter #1	P/N S-1313	S/N 1008	Date: 4/02/2014	MFGR: CESSNA
ENCODER	P/N SSD120-30A	S/N A55279	Date: 4/02/2014	MFGR: Trans Cal
Altitude reporting system tested to 0,000 feet.				
I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.				
Transponder: #1 Model GTX-327	S/N 83732407	Date: 4/02/2014	MFGR: Garmin	

**NEXT DUE DATE: 4/2016**

APPROVED BY: [Signature] INSPECTOR FOR LANDMARK AVIATION, INC. WINSTON-SALEM, N.C. REPAIR STATION # PAIR208A



DATE: 4-08-2014 MODEL: Cessna 182R S/N: 18268158 TT: 2559.1 TACH: 968.6 N9978H  
WO#H19-14-01161

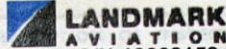
- 1) Completed Annual/100 hour Inspection using Cessna 182 Service Manual D2068-3-13, section 2-50.
- 2) Complied with AD2011-10-09 inspected seat tracks and seat latch pins , no defects noted next inspection due @ tach 1068.6 or annual.
- 3) Complied with FAR 91.207(d) ELT Inspection on ELT model DM ELT 6.1 s/n , replaced ELT battery with new p/n BS2173 with expiration date Feb/2016.
- 4) Replaced air filter element with new p/n BA8103-1.
- 5) Replaced vacuum filter with new p/n AAD9-18-1.
- 6) Cleaned battery terminals and box.
- 7) Replaced main landing gear strut/brake fairings with new p/n 31-03-80A and 31-0741641-25C per Stene Aviation instructions.
- 8) Replaced right elevator tip fairing with new p/n 31-10R-80A.

**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.**

SIGNED: J.R. DeLoecker  
LANDMARK AVIATION, WINSTON-SALEM, N.C. REPAIR STATION NO. PAIR208A.







DATE: 5-07-2015 MODEL: Cessna 182R S/N:18268158 TT: 2600.3 TACH: 1009.8 N9978H  
WO#H19-15-01368

- 1) Completed Annual/100 hour Inspection using Cessna 182 Service Manual D2068-3-13, section 2-50.
- 2) Complied with AD2011-10-09 inspected seat tracks and seat latch pins, no defects noted next inspection due @ tach 1109.8 or annual.
- 3) Complied with FAR 91.207(d) ELT Inspection on ELT model DM ELT 6.1 s/n 52091 with battery expiration date Feb/2016.
- 4) Replaced air filter element with new p/n BA8103-1.
- 5) Replaced vacuum filter with new p/n AAD9-18-1.
- 6) Replaced right main tire with new p/n 606C66-8, s/n 40932018, replaced inner-tube p/n 302-246-401.
- 7) Replaced left brake linings IAW MM 5-99.
- 8) Replaced o-rings in left wheel brake, bleed brakes OPS check satisfactory IAW MM 5-8.
- 9) Replaced cabin heat control box parts: control valve p/n 0453018-1, control arm p/n 1253037-12, and return spring p/n 1253041-1; ops checks normal.
- 10) Repaired left aileron top skin per Cessna SM section 18, figure 18-4 and checked aileron balance per SM figure 18-3 sheet 6, balance was + 8.875.
- 11) Cleaned battery terminals and box.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY.

SIGNED J. R. Humber  
LANDMARK AVIATION, WINSTON-SALEM, N.C. REPAIR STATION NO. PAIR208A.



DATE: 9-23-2015 MODEL: Cessna 182R S/N: 18268158 TT: 2636.2 TACH: 1045.7 N9978H  
ENGINE: IO-470-U SN: 286910-R ETT: 1117.7 WO#H19-15-01416

- 1) Replaced windshield with new p/n 317GT per Cessna Service Manual section 3-2 and LP Aero Plastics instructions.
- 2) Replaced left aileron out board skins with new p/n 0523800-12 and 0523800-8 using AC 43.13-1B chapter 4-57 and balanced per Cessna Service Manual 18-11. Checked aileron and control travel, no defects noted.
- 3) Replaced primer inlet fuel line with new p/n 0700099-2, no leaks noted.

PERTINENT DETAILS ARE ON FILE AT THIS AGENCY. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

DATE 9-23-2015 SIGNED J. R. Humber



LANDMARK AVIATION SMITH REYNOLDS AIRPORT, 3901 NORTH LIBERTY STREET, WINSTON SALEM, NC 27105, FAA REPAIR STATION NO. PAIR208A



11/04/2015 N#: N9978H MODEL: 182R SN: 18268158 Tach: 1056.3 WO#: A19-15-02744

Removed the #2 NAV/COM (model number RT-385A, part number 46660-1000, serial number 24847) for test and service. Tested to find 2 digits out and missing segments of those digits. Replaced the display digits. Isolated segment problem to connections on the display CBA and repaired. Reassembled and reinstalled. Ramp checked operation. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY J. R. Humber

LANDMARK AVIATION WINSTON SALEM NC FAA REPAIR STATION PAIR208A





**TECHNICAIR**

Aircraft Maintenance  
A BBA Aviation company

**DATE: 6/2/2016 MODEL: 182R S/N: 18268158 TT: 1094.3 N# N9978H WO# A19-16-02924**

I Certify that the following Altimeter(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

**Altimeter:**

<b>#1</b>	<b>Model: S-1313</b>	<b>S/N: 1008</b>	<b>Date: 6/2/2016</b>
<b>Encoder</b>	<b>Model: SSD120-30A</b>	<b>S/N: A55279</b>	<b>Date: 6/2/2016</b>

**Altitude reporting system tested to 20,000 feet.**

I certify that the following Equipment have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

**Transponder:**

<b>#1</b>	<b>Model: GTX-327</b>	<b>P/N: 011-00490-00</b>	<b>S/N: 83732407</b>	<b>Date: 6/2/2016</b>
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**NEXT DUE DATE: 06/2018**

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY

Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

**N9978H**

**DATE: 6-03-2016 MODEL: Cessna 182R S/N:18268158 TT: 2684.8 TACH: 1094.3**

- 1) Completed Annual/100 hour Inspection using Cessna 182 Service Manual D2068-3-13, section 2-50.
- 2) Complied with AD 2011-10-09 inspected seat tracks and seat latch pins, no defects noted next inspection due @ tach 1194.3 or annual.
- 3) Replaced ELT battery with new p/n BS 2173 with due date July 2018.
- 4) Complied with FAR 91.207(d) ELT Inspection on ELT model DM ELT 6.1 s/n 52091.
- 5) Replaced air filter element with new p/n BA8103-1.
- 6) Replaced left main tire with new p/n 606C66-8 and new tube p/n 302-246-401.
- 7) Replaced right brake linings IAW MM 5-99.
- 8) Replaced nose tire with new p/n 505C66-5.
- 9) Cleaned battery terminals and serviced battery.
- 10) Serviced shimmy damper with hydraulic fluid.

**I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE.**

SIGNED

Thomas Hurlocker A&P 1908143 IA





SIGNATURE  
**TECHNICAIR**  
Aircraft Maintenance  
A BBA Aviation company

08/25/2016 N#:N9978H MODEL: 182R SN: 18268158 TT/HM:0.0 WO#:A19-16-02953

1. Removed Garmin GTX-327 P/N 011-00490-00 S/N 83732407 and installed Garmin GTX-345 P/N 010-01216-01 S/N 3EG002524. Installed Garmin GTX 345 ADS-B transponder IAW Garmin STC SA01714WI and AML STC Installation manual P/N 190-00734-10, Revision 6, Dated June 30, 2016. Reference FAA form 337. Ramp tested good.
2. Current main software is version is 3.11. Upgraded version 3.11 to version 3.3 P/N 010-00446-06 as required in Garmin Software Service Bulletin No: 0918 Rev A. Installed Garmin STC Service bulletin 1618 Rev A for Garmin GNS 530W Update of Main software to version 5.30 allowing use of GTX 345 ADS-B Transponder. Installed Garmin STC Service bulletin 1315 Rev A for Garmin GNS 530W Update of GPS software to version 5.0 allowing use of GTX 345 ADS-B Transponder. Reference FAA form 337 for additional information. Ramp tested good.
3. Repaired rerouted and protected ADF power and Audio wires to ADF. Reference AC43.13-1B Section 8 wiring installation and inspection.


I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY

Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A



DATE	REC	ALTERATIONS
19		DATE NUMBER SPECIFIC ENTRIES
<b>N9978H</b>		
DATE: 5-06-2017 MODEL: Cessna 182R S/N:18268158 TT: 2716.4 TACH: 1125.9		
<ol style="list-style-type: none"> <li>1) Removed alternator p/n DOFF10300B s/n 8061626.</li> <li>2) Installed overhauled alternator p/n DOFF10300BR s/n H-M101146.</li> <li>3) Installed new alternator control unit p/n DGR3 s/n 80N81305.</li> <li>4) Installed new alternator belt p/n S2416-1-31.0.</li> <li>5) Installed new alternator mounting bolt and tension bolt.</li> <li>6) Alternator system ops checked normal.</li> </ol>		
 Thomas Hurlocker A&P 1908143		



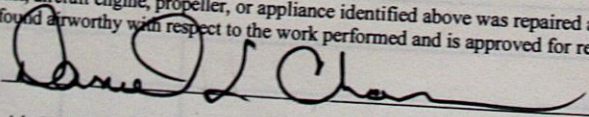
## SIGNATURE TECHNICAIR™

Aircraft Maintenance  
A BBA Aviation company

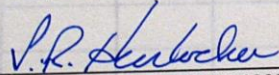
02/15/2018 N#:N9978H MODEL:182 SN:18268158 TT:1154.7 WO#:A19-18-03351

Performed continuity check of the Gray Code signal paths from encoder to transponder. Performed operational check of altitude encoder found encoder to be erratic at low altitudes ordered replacement encoder. Removed the Trans Cal SSD120 Altitude Digitizer serial number 55297 and installed the Trans-Cal SSD120-30N serial number N25282. Performed static Leak and Correlation altitude correlation testing with Transponder IAW Document Number 882188 revision D dated April 14, 2015. Ramp test good.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

APPROVED BY 

Signature TechnicAir Winston Salem NC FAA Repair Station PAIR208A

DATE	REC	ALTERATIONS												
		DATE NUMBER SPECIFIC ENTRIES												
<b>N9978H</b>														
DATE: 7-11-2017 MODEL: Cessna 182R S/N:18268158 TT: 2723.6 TACH: 1133.1														
<ol style="list-style-type: none"> <li>1) Completed Annual Inspection using Cessna 182 Service Manual D2068-3-13, section 2-50 as guide and FAR 43, App. D.</li> <li>2) Complied with AD 2011-10-09 inspected seat tracks and seat latch pins, no defects noted next inspection due @ tach 1233.1 or annual.</li> <li>3) Complied with FAR 91.207(d) ELT Inspection on ELT model DM ELT 6.1 s/n 52091, next battery due date July 2018.</li> <li>4) Replaced air filter element with new p/n BA8103-1.</li> <li>5) Replaced engine isolator mounts with four new p/n 94110-40 mounts.</li> <li>6) Replaced right landing light with new p/n GE4591, ops checked normal.</li> <li>7) Replaced strobe light circuit breaker with new p/n S1232-5, ops checked normal.</li> <li>8) Replaced six cowling lord mounts with new p/n J7444-24.</li> <li>9) Replaced main battery with new Concorde p/n RG24-15M s/n 40878142 per FAA/PAM approval.</li> </ol>														
<p><i>I certify this AIRCRAFT has been inspected in accordance with a 100 Hour/ANNUAL Inspection and was determined to be in airworthy condition.</i></p>														
 Thomas R Hurlocker A&P 1908143 IA		<table style="width: 100%; border-collapse: collapse;"> <tr> <td>Annual Due:</td> <td>July</td> <td>2018</td> </tr> <tr> <td>Alt/Static Ck Due:</td> <td>June</td> <td>2018</td> </tr> <tr> <td>Txpdr Due:</td> <td>June</td> <td>2018</td> </tr> <tr> <td>ELT Battery Due:</td> <td>July</td> <td>2018</td> </tr> </table>	Annual Due:	July	2018	Alt/Static Ck Due:	June	2018	Txpdr Due:	June	2018	ELT Battery Due:	July	2018
Annual Due:	July	2018												
Alt/Static Ck Due:	June	2018												
Txpdr Due:	June	2018												
ELT Battery Due:	July	2018												



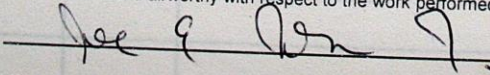
**Airframe**

DATE 8/15/2018 N9978H Model -182R S/N- 18268158 TACH- 1180.2 AFTT-2770.7 WO#S19-18-04508  
Engine- IO470-U s/n-286910-R TT-1252.2 Propeller- C2A34C204-C s/n-992609 TT-816.2

1. Complied with annual inspection using Cessna 182 MM as a guide
2. Complied with 100 hour lubrication
3. Complied with FAR 91.207(d) per inspection of ELT, no defects noted, Installed new battery p/n-BS2173, expiration date Aug./2019
4. Complied with AD 2011-10-09 inspected seat tracks and seats, found pilots inboard track cracked at fifth hole from front track is acceptable per figure 5, seats are with-in limits
5. Complied with AD 2016-16-12 per inspection of the maintenance records and there are no ECI cylinders installed
6. Installed required placards for both fuel filler placards, day-night-VFR-IFR placard in L/H cockpit, Maneuver speed 111 KIAS placard on L/H instrument panel.
7. Installed one cowling mount receptacle p/n-J-7444-24
8. Installed new cabin fire extinguisher p/n- C352TS
9. Disconnected left aileron control rod at bell crank and aileron, installed washer at aileron mount, and installed control rod, ops checked satisfactory.
10. Installed new fuel strainer bowl p/n-MC0756008-1
11. Installed new "N" decals on L/H and R/H tail surfaces
12. Tightened fitting at altitude encoder, installed new L/H and R/H static sumps p/n-S1258-1, static leak check was good.
13. Installed serviceable #2 nav com radio p/n-46660-1000 s/n-21804.
14. Capped and stowed wires for unused avionic's blower motor for deactivation of motor.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Details are on file under this work order number

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08/06/2018 N#:N9978H MODEL:182R SN:18268158 TT/HM:1180.2 WO#:S19-18-04508

I Certify that the following Altimeters(s), Static System(s) and Altitude Reporting System(s) have been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter/ADC:

#1 Model: S-1313 S/N: 1008 Date: 8/6/2018

Altitude reporting system tested to 20000 feet.

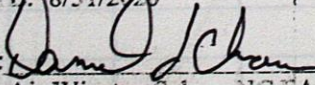
I certify that the following appliances of the altitude reporting system(s) have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder:

#1 Model: GTX 345 P/N:011-03302-00 S/N:3EG002524 Date: 8/6/2013

NEXT DUE DATE: 8/31/2020

APPROVED BY:



INSPECTOR FOR

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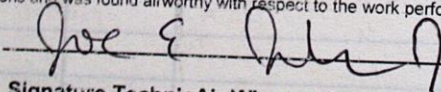
**Airframe**

DATE 9/12/2019 N9978H Model-182R S/N- 18268158 TACH- 1207.1 AFTT-2797.6 WO#S19-19-05097  
Engine- IO470-U s/n-286910-R TT-1279.1 Propeller- C2A34C204-C s/n-992609 TT-843.1

1. Complied with annual inspection using Cessna 182 MM as a guide
2. Complied with 100 hour lubrication
3. Complied with FAR 91.207(d) per inspection of ELT, no defects noted, Installed new battery p/n-BS2173, expiration date June 2021.
4. Complied with AD 2011-10-09 inspected seat tracks and seats , found pilots inboard track cracked at fifth hole from front track is acceptable per figure 5 ,seats are with-in limits
5. Replaced terminal end on left elevator outboard hinge bonding strap
6. Serviced all tires with air

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL Inspection and was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Details are on file under this work order number.

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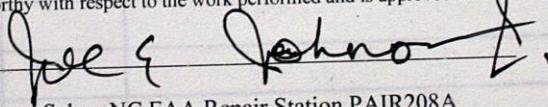
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01/08/2020 N#:N9978H MODEL:182 SN:18268158 TT/HM:1220.5 WO#:S19-20-05257

Installed new left wing fuel tank quick drain p/n-S2020-3. REF. Section 12 182 MM. Leak check was good.  
Serviced Tires.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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06/22/2020 N#:N9978H MODEL:182 SN:18268158 TACH:1229.0 WO#:S19-20-05408

1. Installed new carburetor heat control cable assembly P/N: MCS1230-10, adjusted door travel, ops checked satisfactory ref Cessna 182 Service Manual 11-75
2. Inspected R/H elevator end cap and outboard R/H elevator at cap attach point and no defects were noted. Installed new rivet at aft end of R/H elevator end cap. REF. Section 18 Cessna 182R MM

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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AIRFRAME

07/10/2020 N#:N9978H MODEL:182R SN:18268158 TT/HM:0.0 WO#:S19-20-05436

**NEW TACHOMETER INSTALLED**

Removed engine rpm indicator and bench checked and found indicator defective. **Old tachometer reading is (1237.2)**  
**Installed overhauled tachometer P/N-C668020-0217 s/n-872, New Tach reading is 0000.0**, run up and ops check was good. REF. Section 15 182 Service manual.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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10/06/2020 N#:N9978H MODEL:182R SN:18268158 TT:2838.3 HM:10.6 WO#:S19-20-05557

- Complied with annual inspection using the Cessna 182 mm as a guide to include the 100 hour lubrication
- At customer request, purchased single update for Navigation and Obstacle database and installed in Garmin GNS 530W. Ref Garmin GNS 500W Series Installation Manual 190-00357-02 Rev M.
- Checked operation of ignition switch using customer supplied key , no defects noted
- Serviced tires as required ref aircraft POH
- Compression reading were cylinder #1(70),#2(55),#3(65),#4(68),#5(68),#6(65), master orifice reading for the day 40 40 PSI ref Continental Standard Practice for Spark Ignited Engines section 6-4.
- Removed oil filter and installed new PN CH48108-1 NSN. Ref Model 182 Series Service Manual 11-17. leak checked satisfactory
- Cleaned and lubed elevator trim control cable pulleys , ops checked satisfactory, ref Cessna 182 Service Manual 9-6
- Stop drilled crack on LH wing tip and sealed. Ref Model 182 Series Service Manual 18-1.
- Rotated tires on wheels of main landing gear RH & LH. Ref. Model 182 Series Service Manual 5-3 through 5-6 & 1-1.
- Re positioned wire bundle and secured at instrument panel ref Cessna 182 Service Manual 16-3.

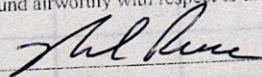
Page 1 of 2

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- Secure defrost duct Adel clamp at instrument panel ref Cessna 182 Service Manual 14-2A
- Complied with AD 2011-10-09 inspected seat racks and seat latches , no defects noted
- Removed ELT model ELT 6 S/N: 52091 , inspected ELT per FAR 91.207(d) no defects noted , battery expiration date Jun /2021, installed ELT
- Removed and installed new induction air filter PN BA8103-1. Brackett air filter DOCUMENT I-194

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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Page 2 of 2



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10/01/2020 N#: N9978H MODEL:182R SN:18268158 TT/HM:2838.3 WO#:S19-20-05557

I Certify that The following Altimeter, Static System and Altitude Reporting System has been tested in accordance with FAR 91.411 and Appendix E of Part 43.

Altimeter/ADC:

#1 P/N: S-1313 S/N: 1008 Date: 10/01/2020

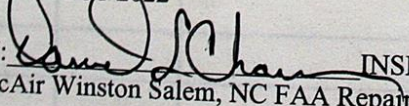
Altitude reporting system tested to 20,000 feet.

I certify that the following appliances of the altitude reporting system(s) have been tested in accordance with FAR 91.413 and Appendix F of Part 43.

Transponder:

#1 Model: GTX 345 P/N: 011-03302-00 S/N: 3EG002524 Date: 10/01/2020

NEXT DUE DATE: 10/31/2022

APPROVED BY:  INSPECTOR FOR  
Signature TechnicAir Winston Salem, NC FAA Repair Station PAIR208A

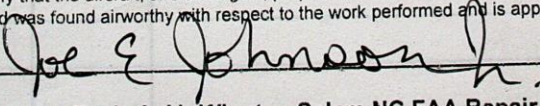
**Airframe**

DATE 11/18/2021 N9978H Model -182R S/N- 18268158 TACH- 40.5 AFTT-2868.2 WO# S19-21-05971  
Engine- IO470-U s/n-286910-R TT-1349.7 Propeller- C2A34C204-C s/n-992609 TT-913.7

1. Complied with annual inspection using Cessna 182 MM as a guide with 100 hour lubrication
2. Complied with AD 2011-10-09 Seat and seat track inspections, noted 1 acceptable crack in pilots inboard seat rail locking hole. No further action at this time
3. Removed ELT P/N C589511-0117 S/N:52091, battery P/N BS2173 EXP date Apr 2019 due replacement Removed and replaced Expired battery P/N BP-1020 (Exp. May 2023). Tested ELT IAW FAR 91.207 (d), unit checked good on bench.
4. Replaced Brackett induction air filter p/n- BA-8103 ref Brackett installation instruction I-194
5. Replaced instrument air filter P/N AAD9-18-1 with new filter AAD9-18-1. Reference Cessna model 182 and T182 service manual paragraph 2-25.
6. Performed Navigation Database update of Garmin 530W Per Customer Request, Current Database Exp. Dec. 2, 2021.Performed IAW Garmin 530W Pilot's Guide and Reference 190-00357-00 Rev.K.
7. Recommended 6 year propeller overhaul is due, Customer elects no action.
8. Recommended 12 year engine overhaul is due, Customer elects no action.
9. Recommended 6 year replacement of vacuum pump is due, Customer elects no action.
10. Installed new lower spark plugs in cylinders #1, #2, #6 PN:URHB32E. Ground run, operation checks good.
11. Removed damaged roll pin PN:NAS561P4-12 from pilot outboard seat back and installed new roll pin PN:NAS561P4-12. Ref. Cessna 182C Service Manual 3-9. Ops check good.
12. Tested Antenna Standing Wave Reflection, cleaned and reseated unit connectors. Performed Main software update from Ver. 5.30 to 5.40 IAW Garmin Service Bulletin 1762 Rev. B Dated Aug. 6, 2020. System checks good on ramp.

**I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy Condition.** I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Details are on file under this work order number

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09/07/2022 N#:N9978H MODEL:C182 SN:18268158 Tach:53.3 WO#:S19-22-06252

Serviced nose strut with fluid and nitrogen , found valve core leaking replaced valve core with new core , serviced strut to 60 PSI of nitrogen leak checked satisfactory ref Cessna Model 182 Service Manual 2-28

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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**AIRFRAME**

DATE 12/01/2022 N#:N9978H MODEL:C182 SN:18268158 TT/HM:2890.6 WO#:S19-22-06304  
Engine-O470-U S/N:286910-R TT:1372.2 Propeller C2A34C204-C TT:936.2

- 1. Complied with annual inspection using the Cessna 182 mm as a guide to include the 100 hour lubrication
- Performed seat/seat track inspection, per AD 2011-10-09 steps 1-8. No defects noted at this time.
- Complied with FAR 91.207(D) annual ELT inspection. Removed ELT PN:C589511-0117 SN:52091. Inspected ELT, no defects noted at this time. **Battery Exp. May 2023** Reinstalled ELT. Ref. FAR 91.207 paragraph D.
- Complied with Brackett air filter inspection/replacement Doc. I-194. Removed old air filter PN:BA8103-1. Installed new filter PN:BA8103-1. Ref. Cessna Model 182 and T182 Series Service Manual Section 11-66 and brackett ICA document I-194.
- Replaced instrument air filter P/N: AAD9-18-1 ref Cessna 182 Series MM 15-28
- Propeller due 6 year overhaul No work performed per customer request
- Engine due 12 year overhaul No work performed per customer request
- Vacuum pump due 6 year replacement No work performed per customer request
- 24 Month avionics inspection per FAR 91.411 and 91.413 due No work performed per customer request**
- Installed 2 flap chaff plugs in left flap ref Cessna 182 Series Service Manual figure 7-4
- Adjusted wing aileron and control column interconnect cable tension and checked travels ,safetied turnbuckles ref Cessna 182 Series Service Manual pages 6-2, 6-4 and 6-6
- Adjusted elevator control cable tension and checked rigging ref Cessna 182 Service Manual page 8-3 safetied turnbuckles. Ref. AC43.13-1b chapter 7.
- Adjusted rudder cable tension per Cessna 182 Series Service manual PG.10-3
- Secured CHT wiring as required ref Cessna 182 Series Service Manual 1-7
- Fogged left and right wings with Corrosion X ref instruction on Corrosion X container

I certify that this AIRCRAFT has been inspected in accordance with the inspection and procedures of **FAR 91.409 (f)(3) Inspection Program**. An ANNUAL inspection was performed and the AIRCRAFT was determined to be in Airworthy Condition. I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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02/08/2023 N#:N9978H MODEL:C182 SN:18268158 TT/HM:65.01 WO#:S19-23-06391

Removed NLG strut assembly. Disassembled and inspected. Severe corrosion found inside upper tube, and o-rings need replaced. Awaiting parts. Ref. Cessna model 182 & T182 series service manual 5-34. Installed new tube assembly, PN-0743090-1, new orifice assembly, PN-0743621-9, and new internal packings. Reassembled NLG strut assembly and reinstalled. Ref. model 182 and T182 SSM 5-46. Serviced strut with fluid, and proper nitrogen pressure. Ref. model 182 and T182 SSM 2-28. Leak and operational check satisfactory.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

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