

CALKINS



Aero Service, Inc.

Aircraft Maintenance Records

Aircraft Registration No.: N713PM

Make / Model: Cessna 182S

Serial No.: 18280427

CALKINS



Cessna



Aero Service, Inc.

Maintenance Records

Log No.: 3

Aircraft Registration No.: N713PM

Make / Model: Cessna 182J

Serial No.: 18280427

Calkins Aero Service, Inc. ■ 18000 Groeschke Rd., Hangar 3-East ■ Houston,

TX 77084

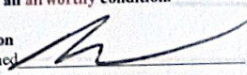
Phone: 281-579-6674 / Fax: 281-579-1679 / www.calkins.aero

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|--|
|------|-----------------------|---------------------------|------------------------------|--|

6/25/2015



Cessna
 Calkins Aero Service Inc.
 West Houston Airport
 18000 Groeschke Rd.
 Houston, TX 77084
 Date: 6/25/2015 N713PM TACH: 420.4 TTAF: 3895.4

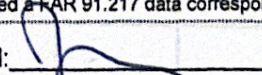
ANNUAL INSPECTION
 Performed IAW 14 CFR FAR 43 appendix 'D' and Calkins Aero checklist:
 RELINED L/H BRAKES
 INSTALLED NEW R/H TAILPIPE P/N K2254003-18
 INSTALLED NEW L/H REAR FUEL SUMP
 INSTALLED NEW ELT BATTERY
 INSTALLED NEW BATTERY BOX SUPPORT BRACKET P/N 0712059-1
 INSTALLED O/H ELECTRIC FUEL PUMP P/N 5100-00-4RX S/N 3652
 C/W SB SEB-24-02 MCU BY VISUAL INSPECTION
 C/W AD 84-26-02 AIR FILTER BY INSPECTION OF AIR FILTER NEXT FILTER
 REPLACEMENT DUE BY TACH: 500.0
 Tested ELT per FAR 91.207 (d)-BATTERY REPLACEMENT DUE 12/2016
 Drained all sumps, cleaned and repacked wheel bearings.
 Serviced battery, brakes, shock struts, and tires, lubricated gear fittings and controls
 I certify that this aircraft has been inspected in accordance with AN ANNUAL Inspection
 and was determined to be in an airworthy condition.
 Calkins Aero Service Inc.
 FAA Certified Repair Station
 No. GK2R849K signed: 
 WO#24883

6/25/2015

General Avionics, Inc. **FAA CRS#Y4XR461Y**
 West Houston Airport 18000 Groeschke Road, Hangar 1-E, Houston, Texas 77084
 Model: 1825 Reg: N713PM
 S/N: 18280427 W/O: 11492

In accordance with FAR 91.413, this ATC transponder has been tested and inspected and found to comply with appendices E and F of FAR part 43.
 UNIT: KT-76C S/N: 5748

In accordance with FAR 91.411, each static pressure system, each altimeter instrument and each automatic pressure altitude reporting system has been tested and inspected and found to comply with appendices E and F of FAR part 43.
 ALT: 59348-7 ALT: _____
 ENC: SSD120 93661 Tested To: 20K FT

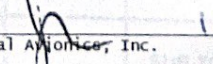
Performed a FAR 91.217 data correspondence test.
 Signed:  Date: 6/25/2015

I CERTIFY THAT THIS AIRCRAFT HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK DESCRIBED ABOVE.
 Tel: 281.647.9600 Fax: 281.647.9899

General Avionics, Inc. 18000 Groeschke Road Hangar 1-E Houston, TX 77084 Y4XR461Y
 LOG ID# 245 25-November-2013 WO# 10817
 N713PM S/N 18280427 CESSNA 1825 Pg 1 / 1

Removed defective pitch servo s/n: 3525 and installed exchange pitch servo s/n: 3328. Reloaded KAP140 autopilot cert files to config module. Repaired broken manual electric trim switch connections. All above installed or referenced equipment tested to MPS. Weight and Balance NOT revised this date as no changes noted.----END----

I CERTIFY THAT THIS AIRCRAFT HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FAA AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK DESCRIBED ABOVE.

Signed Y4XR461Y General Avionics, Inc.  Date 11/25/2013

SUB-TOTAL

TOTALS - Only for this page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page | | | | |

7/16/2014

General Avionics, Inc. 18000 Groeschke Road Hangar 1-E Houston, TX 77084 Y4XR461Y
 LOG ID# 344 10-July-2014 WO# 11082
 N713PM S/N 18280427 CESSNA 182S

Pg 1 / 1

Removed pilots defective Attitude Gyro s/n: UNK. Installed overhauled/exchange Attitude Gyro s/n: T73423Q from GIS s/o# S08477. All above installed or referenced equipment tested to MPS. Weight and Balance NOT revised this date. ----END----

I CERTIFY THIS AIRCRAFT HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA MAINTENANCE RULES AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK DESCRIBED ABOVE

Signed *[Signature]* Y4XR461Y General Avionics, Inc. 7/10/2014
 Date

6/25/2016



Calkins Aero Service Inc.
 West Houston Airport
 18000 Groeschke Rd.
 Houston, TX 77084

Date: 6/25/2016 N713PM TACH: 684.1 TTAF: 4159.1

ANNUAL INSPECTION
 Performed IAW 14 CFR FAR 43 appendix 'D' and Calkins Aero checklist:
 INSTALLED NEW NOSE WHEEL TIRE PN 072-312-0, S/N 5307S00149.
 INSTALLED NEW LEFT MAIN TIRE PN 072-314-0, S/N 5281S00010.
 INSTALLED NEW RIGHT MAIN TIRE PN 072-314-0, 5281S00003
 INSTALLED NEW PILOT SEAT LOCK ASSEMBLY CONTROL PN SPL1925-1
 INSTALLED NEW PILOT GUIDE HARNESS SEAT BELT PN CJ1001-2
 INSTALLED NEW RIGHT MAIN LANDING GEAR BUSHING PN 0741632-1
 C/W AD 84-26-02 AIR FILTER BY REPLACING AIR FILTER PN P198290 AIR FILTER
 NEXT FILTER REPLACEMENT DUE BY TACH: 1184.1

Tested ELT per FAR 91.207 (d)-BATTERY REPLACEMENT DUE FEB 2023
 Drained all sumps, cleaned and repacked wheel bearings.

Serviced battery, brakes, shock struts, and tires, lubricated gear fittings and controls
 I certify that this aircraft has been inspected in accordance with AN ANNUAL Inspection and was determined to be in an airworthy condition.

Calkins Aero Service Inc.
 FAA Certified Repair Station
 No. GK2R849K signed *[Signature]*
 WO#25997

engine



Calkins Aero Service Inc.
 West Houston Airport
 18000 Groeschke Rd.
 Houston, TX 77084
 TSMOH: 684.1

Date: 6/25/2016 N713PM TACH: 684.1 TTAF: 4159.1

ANNUAL INSPECTION
 Performed IAW 14 CFR FAR 43 appendix 'D' and Calkins Aero checklist:
 PRESSURE CHECKED EXHAUST CHECKED O.K.
 COMPRESSION CHECK: #1 77/80 #2 77/80 #3 76/80 #4 78/80 #5 79/80 #6 76/80
 VIBRO CLEANED ALL FUEL INJECTORS
 INSTALLED ALL NEW SPARK PLUG
 C/W AD 20011-26-04 FUEL INJECTOR LINES BY VISUAL INSPECTION-DUE AGAIN BY NEXT
 100HR/ANNUAL INSPECTION OR WHENEVER FUEL LINE MAINTENANCE IS DUE
 Drained all sumps, cleaned all filters and screens. Checked timing and Controls. Cleaned
 and gapped all spark plugs.

I certify that this engine has been inspected in accordance with AN ANNUAL Inspection and was determined to be in an airworthy condition.

Calkins Aero Service Inc.
 FAA Certified Repair Station
 No. GK2R849K signed *[Signature]*
 WO#25997

Should be in engine log

6/2016

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|----------|-----------------------|---------------------------|------------------------------|--|
| | | | | |
| 4/5/2016 | | | | <p style="text-align: center;">Aircraft Maintenance Record</p> <p style="text-align: center;">Tail Number: N713PM Serial Number: 18280427 Work Order Number: 2257 Date: 04/05/2016</p> <p><u>Vacuum Directional Gyro Squawk:</u></p> <p>Duplicated Customer's Squawk. Removed Vacuum Directional Gyro Model # 4000C-15 S/N- T45411 and Installed Vacuum Overhauled Exchange Directional Gyro Model # 4000C-15 S/N- T54401D. Performed Engine Runs to Check Vacuum System and Directional Gyro. Functional Checks are Normal.</p> <p>The aircraft and/or component listed on this WO 2257 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>OutRight Avionics, LLC 10078 Airport Road Conroe, TX 77303 CRS # 80AR732L</p> <p>SIGNED: <u>John Matis</u></p> |
| | | | | |
| | | | | |
| | | | | |
| | | | | <p style="text-align: center;">Aircraft Maintenance Record</p> <p style="text-align: center;">Tail Number: N713PM Serial Number: 18280427 Work Order Number: 2289 Date: 06/06/2016</p> <p><u>Turn Coordinator Squawk:</u></p> <p>Duplicated Customer's Squawk. Removed Turn Coordinator P/N- 1394T100-10RZ S/N- 2006-406A and Installed Overhauled Exchange Turn Coordinator P/N- 1394T100-10RZ S/N- 9805-156. Ground Checks are Normal.</p> <p><u>Garmin GDL88 Needs Service Squawk:</u></p> <p>Unable to Duplicate Customer's Squawk on the Ground. Downloaded Garmin GDL88 Fault Log and Sent to Garmin for Evaluation. Garmin Noted the Fault Log Indicator a GDL88 Fan Fault. Removed Garmin GDL88 Sub-Assy w/Back Plate P/N- 011-01718-00 S/N- N/A and Installed Warranty Exchange Garmin GDL88 Sub-Assy w/Back Plate P/N- 011-01718-00 S/N- N/A. Ground Checks Done I/A/W the Garmin GDL88 STC Installation Manual # 190-01310-00, Rev 9, Dated: 04/2016. Ground Checks are Normal.</p> <p>The aircraft and/or component listed on this WO 2289 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>OutRight Avionics, LLC 10078 Airport Road Conroe, TX 77303 CRS # 80AR732L</p> <p>SIGNED: <u>John Matis</u></p> |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | <p style="text-align: right;">TOTALS - Carry forward to next page</p> |

6/29/2017

DA



VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNF171L

N713PM TACH 845.8 TOTAL 4320.8 H.M. 5080.4 DATE 6/29/2017 W.O. SV5156

AIRCRAFT S/N: 18280427

PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20, COMPLETED THE ONE YEAR ESSENTIAL DIODE TEST, COMPLETED THE TWO YEAR ACU OVERVOLT TEST, ELT INSPECTED AND TESTED PER FAR 91.207(d), ELT BATTERY EXPIRES 2/2023. COMPLETED THE THREE YR./1000 HR. ELEVATOR TRIM ACTUATOR SERVICE. CLEANED AND GREASED ALL WHEEL BEARINGS. REPLACED LEFT BRAKE CALIPER ORINGS P/N: MS28775-222 AND SERVICED BRAKE. REPLACED BRAKE DISCS P/N: 164-01501 AND LININGS P/N: 066-10500. SERVICED NOSE STRUT. RESEALED AND SERVICED SHIMMY DAMPNER. REPLACED DAVTRON CLOCK BATTERY (AA). REPLACED RIGHT DOOR LOWER HINGE HALF P/N: 0711037-20 AND PIN P/N: 0711038-1. REPLACED RIGHT DOOR STOP SPRINGS P/N'S: 1411207-1, 1411207-2. REPLACED LEFT & RIGHT DOOR LATCH SPRINGS (1 EA.) P/N: 0717026-3. REPLACED RIGHT EXHAUST TAILPIPE HANGER BOLT P/N: AN4C6A. REPLACED THROTTLE, MIXTURE & PROPELLER CONTROL ROD ENDS P/N: S1104-3. REPLACED MANIFOLD PRESSURE HOSE P/N: FC332-04. REPLACED ENTRY STEP TREADS P/N: 0741623-4. REPLACED PEDESTAL LIGHT BULBS P/N: 1829. REPLACED RIGHT NAV. LIGHT BULB P/N: 34-0428020-65. REMOVED AIRBORNE VACUUM MANIFOLD CHECK VALVE P/N: 1H5-25 S/N: 9AP. INSTALLED NEW TEMPEST VALVE P/N: AA1H5-25A S/N: H5-53308. REPLACED VACUUM REGULATOR FILTER P/N: B3-5-1. SECURED PROP. CONTROL CABLE WITH BRACKET P/N: CM2921-2 TO PREVENT CONTACT WITH COWL. PERFORMED COMPASS SWING. COMPLIED WITH AD 93-05-06 ACS IGNITION SWITCH INSPECTION, INSTALLED NEW BACKPLATE KIT P/N: A3770, NEXT INSPECTION IS DUE AT TOTAL TIME 6320.8. AD'S CHECKED THROUGH 2017-14. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park
PAUL PARK, CHIEF INSPECTOR

10/5/2017



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNF171L

N713PM TACH: 903.3 H.M. 5146.2 DATE 10/5/17 W.O.SV5332

S/N: 18280427

REPLACED RIGHT (LOWER) VACUUM PUMP WITH NEW P/N: AA3216CW, S/N: 088X16. PERFORMED GROUND RUN ON ENGINE, VACUUM SYSTEM CHECK NORMAL.
THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH THE RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Bill Prince
BILL PRINCE, INSPECTOR

SUB-TOTALS this page

TOTALS - Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page | | | | |

10/2/2016

Aircraft Maintenance Record

Tail Number: N713PM Serial Number: 18280427
Work Order Number: 2444 Date: 10/2/2016

Update Garmin GTN750 (#1 GPS/Nav/Comm) Software:

Updated the Garmin GTN750 (#1 GPS/Nav/Comm) P/N- 011-02282-00 S/N- 1ZA015986 to Software Version 6.21 per the Garmin Software Service Bulletin # 1656, Rev A, Dated: September 22nd, 2016. Ground Checks Done I/A/W the Garmin GTN750/650 STC Installation Manual # 190-01007-A3, Rev 10, Dated: August 31st, 2016. Ground Checks are Normal.

Update Garmin GDL88 Transceiver System Software:

Updated the Garmin GDL88 Transceiver P/N- 011-02369-00 S/N- 22T004554 Software Version to 3.34 per the Garmin Software Service Bulletin # 1659, Rev A, Dated: October 4th, 2016. Ground Checks Done I/A/W the Garmin GDL88 STC Installation Manual # 190-01310-00, Rev 9, Dated: March 31st, 2016. Ground Checks are Normal.

The aircraft and/or component listed on this WO 2444 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

OutRight Avionics, LLC
10078 Airport Road
Conroe, TX 77303
CRS # 80AR732L

SIGNED: *Optm M. H. H.*

11/17/2016

Aircraft Maintenance Record

Tail Number: N713PM Serial Number: 18280427
Work Order Number: 2456 Date: 11/17/2016

Vacuum Attitude Gyro Squawk:

Duplicated Customer's Squawk. Removed Vacuum Attitude Gyro Model # 5000B-72 S/N- T73423Q and Installed Vacuum Overhauled Exchange Attitude Gyro Model # 4000B-40 S/N- T98510P. Performed Engine Runs to Check Vacuum System and Directional Gyro. Functional Checks are Normal.



The aircraft and/or component listed on this WO 2456 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

OutRight Avionics, LLC
10078 Airport Road
Conroe, TX 77303
CRS # 80AR732L

SIGNED: *Optm M. H. H.*

SUB-TOTALS this page

TOTALS - Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK | | | | | | | | | |
|---------------------------------|-----------------------|---------------------------|------------------------------|--|------------|--------------|----------------|-------------------------|--------------|-----------|---------------------------------|--------|-------|
| | | | | TOTALS brought forward from previous page | | | | | | | | | |
| 11/2/2016 | | | | <div data-bbox="479 346 1218 871" data-label="Complex-Block">  <p><i>Calkins Aero Service Inc.</i> West Houston Airport 18000 Groeschke Rd. Houston, TX 77084</p> <p>DATE: 11/02/2016 N713PM TACH: 764.8</p> <p>WORK PERFORMED: R&R STROBE FLASH TUBE. R&R SWITCH AND CIRCUIT BREAKER FOR INBOARD LANDING LIGHT. R&R BOTH FUEL CAP GASKETS. RESEALED R/H BRAKE. SERVICED NOSE STRUT.</p> <p>I certify that the work performed was carried out in accordance with 14 CFR 43 and was determined to be in an airworthy condition. Details on file at Calkins Aero Repair Station under WO# 26402 Calkins Aero Service Inc. FAA Certified Repair Station No. GK2R849K signed <i>[Signature]</i></p>  </div> | | | | | | | | | |
| 10/29/2015 | | | | <div data-bbox="341 913 1250 1963" data-label="Complex-Block"> <p style="text-align: center;">Aircraft Maintenance Record</p> <p style="text-align: center;">Tail Number: N713PM Serial Number: 18280427 Work Order Number: 2012 Date: 10/29/2015</p> <p><u>Install Garmin GDL88 (ADS-B) Transceiver System:</u></p> <table border="0"> <tr> <td>Installed:</td> <td>Part Number:</td> <td>Serial Number:</td> </tr> <tr> <td>A) Garmin GDL88 (ADS-B)</td> <td>011-02369-00</td> <td>22T004554</td> </tr> <tr> <td>B) Garmin GDL88 (ADS-B) Antenna</td> <td>CI 105</td> <td>73444</td> </tr> </table> <p>Installed Garmin GDL88 (ADS-B) UAT Transceiver System. The Garmin GDL88 (ADS-B) Interfaces/Controlled and Displayed on the Garmin GTN750 (#1 GPS/Nav/Comm). The Trans-Cal Altitude Encoder (RS-232) Provides Altitude Encoding Information to the Garmin GTN750 (#1 GPS/Nav/Comm) and the Garmin GTN750 (#1 GPS/Nav/Comm) sends the Altitude Information to the Garmin GDL88 (ADS-B) Transceiver System.</p> <p>Item A is located in the Aft Avionics Bay. Item B is located on the Bottom of the Aircraft. Item A is protected by a 3 amp CB labeled ADS-B. All Circuit Breakers are located in the Co-Pilot's Instrument Panel and are tied to the Avionics Buss.</p> <p>All work done in accordance with Garmin GDL88 STC Installation Manual # 190-01310-00, Rev 8, Dated: 10/2015, ref STC # SA02119SE and AC43.13-1B Chapter 7-14 through 19, 7-63 through 7-72, Chapter 11-47 through 50, 11-66 through 69, 11-76 through 78, 11-85 through 89, 11-96 through 11-108, 11-115 through 11-121, 11-135 through 11-139, 11-146 through 11-147, 11-155 through 11-159, 11-167, 11-174 through 11-179, 11-185 through 11-197, 11-205 through 222, 11-230 through 11-240, 11-248 through 11-253, 11-260 through 11-263, 11-271 through 11-272, Chapter 12-1 through 12-2, 12-8 through 12-28, 12-37 through 12-38, 12-51 through 12-63, 12-70 through 12-72 and AC43.13-2B Chapter 2, Section 201-210.</p> <p>Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment/systems per 14 CFR 23.1301. Ground Checks are Normal.</p> <p>The aircraft and/or component listed on this WO 2012 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>OutRight Avionics, L.L.C. 10078 Airport Road Conroe, TX 77303 CRS # 80AR732L</p> <p>SIGNED: <i>[Signature]</i></p> </div> | Installed: | Part Number: | Serial Number: | A) Garmin GDL88 (ADS-B) | 011-02369-00 | 22T004554 | B) Garmin GDL88 (ADS-B) Antenna | CI 105 | 73444 |
| Installed: | Part Number: | Serial Number: | | | | | | | | | | | |
| A) Garmin GDL88 (ADS-B) | 011-02369-00 | 22T004554 | | | | | | | | | | | |
| B) Garmin GDL88 (ADS-B) Antenna | CI 105 | 73444 | | | | | | | | | | | |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|--|
|------|-----------------------|---------------------------|------------------------------|--|

10/29/2015

Aircraft Maintenance Record

Tail Number: N713PM Serial Number: 18280427
Work Order Number: 2012 Date: 10/29/2015

Install Garmin GTX330ES (ADS-B "Out") Transponder System:

Removed Equipment:

| | Part Number: | Serial Number |
|-----------------------------------|----------------|---------------|
| A) Bendix/King KT-76C Transponder | 066-01156-0101 | 5748 |
| B) Trans-Cal Altitude Encoder | SSD120-20 | 19209 |

Installed Equipment:

| | Part Number: | Serial Number |
|--|------------------|---------------|
| A) Garmin GTX330ES Transponder | 011-00455-60 | 84149902 |
| B) Trans-Cal Altitude Encoder (RS-232) | SSD120-30N-RS232 | 20088 |

Installed Garmin GTX330ES Transponder (ADS-B OUT). The Trans-Cal Altitude Encoder (RS-232) is interfaced to the Garmin GTN750 (#1 GPS/Nav/Comm) and the Garmin GTN750 (#1 GPS/Nav/Comm) sends the Altitude Information to the Garmin GTX330ES Transponder.

Item A is located in the Radio Stack. Item A is protected by a 5 amp CB labeled XPNDR. All Circuit Breakers are located in the Co-Pilot's Instrument Panel and are tied to the Avionics Buss.

Installation done I/A/W the Garmin GTX330ES w/ADS-B OUT STC Installation Manual # 190-00734-10, Rev 4, Dated. 09/2014, ref STC # SA01714W1 and AC43.13-1B Chapter 7-14 through 19, 7-63 through 7-72, Chapter 11-47 through 50, 11-66 through 69, 11-76 through 78, 11-85 through 89, 11-96 through 11-108, 11-115 through 11-121, 11-135 through 11-139, 11-146 through 11-147, 11-155 through 11-159, 11-167, 11-174 through 11-179, 11-185 through 11-197, 11-205 through 222, 11-230 through 11-240, 11-248 through 11-253, 11-260 through 11-263, 11-271 through 11-272, Chapter 12-1 through 12-2, 12-8 through 12-28, 12-37 through 12-38, 12-51 through 12-63, 12-70 through 12-72 and AC43.13-2B Chapter 2, Section 201-210.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment/systems per 14 CFR 23.1301. Ground Checks are Normal.

The aircraft and/or component listed on this WO 2012 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

OutRight Avionics, LLC.
10078 Airport Road
Conroe, TX 77303
CRS # 80AR732L

SIGNED: *John M. [Signature]*

SUB-TOTALS this page

TOTALS - Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|--|
| | | | | TOTALS brought forward from previous page |

10/29/2015

Aircraft Maintenance Record

Tail Number: N713PM Serial Number: 18280427
Work Order Number: 2012 Date: 10/29/2015

Install Garmin GTN750 (#1 GPS/Nav/Comm), Garmin GI-106A (#1 GPS/Nav Indicator), GMA35 Remote Mounted Audio Panel and Garmin Flight Stream 210:

| Removed | Part Number: | Serial Number: |
|--|----------------|----------------|
| A) Bendix/King KLN-94 GPS | 069-01034-0101 | 3175 |
| B) Bendix/King KLN-94 GPS Antenna | 071-01553-0200 | 297065 |
| C) Bendix/King KX-155A (#2 Nav/Comm) | 069-01032-0201 | 16736 |
| D) Bendix/King KI-208 (#2 Nav Indicator) | 066-3056-02 | 67599 |
| E) Bendix/King KMA-26 Audio Panel | 066-01155-0201 | 002692 |
| F) Mid-Continent GPS Annunciation Control Unit | MD41-228 | 12742 |

| Installed: | Part Number: | Serial Number: |
|--|--------------|----------------|
| A) Garmin GTN750 (#1 GPS/Nav/Comm) | 011-02282-00 | 1ZA015986 |
| B) Garmin GA35 WAAS GPS Antenna | 013-00235-00 | 119077 |
| C) Garmin GI-106A (#1 GPS/Nav Indicator) | 013-00049-01 | G15-10860 |
| D) Garmin GMA35 Remote Mounted Audio Panel | 011-02299-00 | 1T6007612 |
| E) Garmin Flight Stream 210 | 011-03257-40 | 3RE002834 |

Installed Garmin GTN750 (#1 GPS/Nav/Comm) w/GA35 WAAS Antenna, Garmin GI-106A (#1 GPS/Nav Indicator), Garmin GMA35 Remote Mounted Audio Panel and Garmin Flight Stream 210. The Garmin GTN750 (#1 GPS/Nav/Comm) Interfaces to the Garmin GI-106A for #1 GPS/Nav Information and the Existing Bendix/King KAP140 Autopilot System. The Garmin Flight Stream 210 Interfaces to the Garmin GTN750 (#1 GPS/Nav/Comm) and the Garmin GDL88 (ADS-B) System

Items A & D are located in the Radio Stack. Item B is located on Top of the Aircraft. Item C is located in the Pilot's Instrument Panel. Item E is located on Top of the Glove Box. Items A and C are protected by a 7.5 amp CB labeled NAV/GPS 1 and a 10 amp CB labeled COMM 1. Item D is protected by a 3 amp CB labeled AUDIO. Item E is protected by a 1 amp CB labeled B/T LINK. All Circuit Breakers are located in the Co-Pilot's Instrument Panel and are tied to the Avionics Buss.

All work done in accordance with Garmin GTN750/GTN650 STC Installation Manual # 190-01007-A3, Rev 8, Dated 11/2014, ref STC # SA02019SE-D, Garmin Flight Stream 210 Installation Manual # 190-01700-00, Rev D, Dated 06/2015, and AC43.13-1B Chapter 7-14 through 19, 7-63 through 7-72, Chapter 11-47 through 50, 11-66 through 69, 11-76 through 78, 11-85 through 89, 11-96 through 11-108, 11-115 through 11-121, 11-135 through 11-139, 11-146 through 11-147, 11-155 through 11-159, 11-167, 11-174 through 11-179, 11-185 through 11-197, 11-205 through 222, 11-230 through 11-240, 11-248 through 11-253, 11-260 through 11-263, 11-271 through 11-272, Chapter 12-1 through 12-2, 12-8 through 12-28, 12-37 through 12-38, 12-51 through 12-63, 12-70 through 12-72 and AC43.13-2B Chapter 2, Section 201-210.

Ground tests were performed to verify that normal operation of the aforementioned equipment does not adversely affect the operation of any previously installed equipment/systems per 14 CFR 23.1301. Ground Checks are Normal.

The aircraft and/or component listed on this WO 2012 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.

OutRight Avionics, LLC.
10078 Airport Road
Conroe, TX 77303
CRS # 80AR732L

SIGNED: *John Malik*

SUB-TOTALS this page

TOTALS - Carry forward to next page

DESCRIPTION OF WORK PERFORMED
CERTIFICATE NO. OF PERSON PERFORMING WORK

Continued from previous page

18280427
03/22/2016

Garmin GMA35 Remote

Part: Serial Number:

0101 3175
0200 297065
0201 16736
02 67599
0201 002692
02 12742

Part: Serial Number:

00 1ZA015986
00 119077
01 G15-10860
00 1T6007612
40 3RE002834

Garmin GI-106A (#1 GPS/Nav Indicator),
Stream 210. The Garmin GTN750 (#1
formation and the Existing Bendix/King
Garmin GTN750 (#1 GPS/Nav/Comm)

Aircraft Item C is located in the Pilot's
C are protected by a 7.5 amp CB labeled
a 3 amp CB labeled AUDIO. Item E is
in the Co-Pilot's Instrument Panel and are


Manual # 190-01007-A3, Rev 8, Dated
Manual # 190-01700-00, Rev D, Dated
ater 11-47 through 50, 11-66 through 69,
11-121, 11-135 through 11-139, 11-146
185 through 11-197, 11-205 through 222,
71 through 11-272, Chapter 12-1 through
through 12-72 and AC43.13-2B Chapter

ected equipment does not adversely affect
301. Ground Checks are Normal.

and inspected I/A/W current FAA

Page No. _____

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--|-----------------------|---------------------------|------------------------------|--|
| 3/22/2016 | | | | |
| Aircraft Maintenance Record | | | | |
| Tail Number: N713PM Serial Number: 18280427 Work Order Number: 2228 Date: 03/22/2016 | | | | |
| <u>Install Artex ELT 345 System:</u> | | | | |
| Removed Pointer ELT Model # 3000-11 S/N- 327428 and ELT Antenna P/N- 3003-45 S/N- 43-086. Installed Artex ELT 345 ELT P/N- A3-06-2880 S/N- 267-02090, ELT 345 Cockpit Switch P/N- A3-06-2759 S/N- 368257-037, ELT 345 Buzzer P/N- 482-6505 S/N- 368936-034 and ELT 345 Antenna P/N- A3-06-2892-1 S/N- 368992-044. | | | | |
| Performed ELT Inspection/Test on Artex ELT 345 System. Unit Tested Satisfactory I/A/W the CFR 91.207 (d). Ops Checks are Normal. | | | | |
| 15 Digit Hex Code: 3DC88 59054 FFBF Battery Expiration Date: 02/2023 | | | | |
| <u>Remove Garmin GMA35 Remote Mounted Audio Panel and Install Garmin GMA35C Remote Mounted Audio Panel:</u> | | | | |
| Removed Garmin GMA35 Remote Mounted Audio Panel P/N- 011-02299-00 S/N- 1T6007612 and Installed Garmin GMA35C Remote Mounted Audio Panel P/N- 011-02299-40 S/N- 11-090154. Ground Checks Done I/A/W the Garmin GTN750/650 STC Installation Manual # 190-01007-A3, Rev 9, Dated: 02/2016. Ground Checks are Normal. | | | | |
| <u>Update Garmin GTN750 (#1 GPS/Nav/Comm) Software:</u> | | | | |
| Updated the Garmin GTN750 (#1 GPS/Nav/Comm) P/N- 011-02282-00 S/N- 1ZA015986 to Software Version 6.11 per the Garmin Software Service Bulletin # 1457, Rev A, Dated: March 1 st , 2016. Ground Checks Done I/A/W the Garmin GTN750/650 STC Installation Manual # 190-01007-A3, Rev 9, Dated: 02/2016. Ground Checks are Normal. | | | | |
| <u>Update Garmin GDL88 Transceiver System Software:</u> | | | | |
| Updated the Garmin GDL88 Transceiver P/N- 011-02369-00 S/N- 22T004554 Software Version to 3.32 per the Garmin Software Service Bulletin # 1457, Rev A, Dated: October 22 nd , 2015. Ground Checks Done I/A/W the Garmin GDL88 STC Installation Manual # 190-01310-00, Rev 8, Dated: 10/2015. Ground Checks are Normal. | | | | |
| <u>Remove Standby Magnetic Compass and Install Vertical Compass Card:</u> | | | | |
| Removed Standby Magnetic Compass P/N- C2200 S/N- MT-00145 and Installed New Vertical Card Compass P/N- PAI-700 S/N- 87379. Performed Compass Swing I/A/W AC 43.13-1B, Section 3 (Ground Operational Checks For Avionics Equipment), Chapter 12-37 (Compass Swing). Ground Checks are Normal | | | | |
| The aircraft and/or component listed on this WO 2228 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service. | | | | |
| OutRight Avionics, LLC 10078 Airport Road Conroe, TX 77303 CRS # 80A8232L | | | | |
| SIGNED: <i>John Malin</i> | | | | |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS - Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|---------------------------|------------------------------|--|
| | | | | TOTALS brought forward from previous page |
| <p>2/2/2018</p> <p>Aircraft Maintenance Record</p> <p>Tail Number: N713PM Serial Number: 18280427 Work Order Number: 2780 Date: 02/02/2018</p> <p><u>Perform 91.411/91.413 Bi-Annual Checks:</u></p> <p>Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.</p> <p>Transponder (Garmin GTX-330ES) - P/N- 011-00455-60 S/N- 84149902</p> <p>Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.</p> <p>Altimeter - P/N- 5934P-3 S/N- 396263</p> <p>The aircraft and/or component listed on this WO 2780 were repaired and inspected I/A/W current FAA Regulations and are approved for return to service.</p> <p>OutRight Avionics, LLC 10078 Airport Road Conroe, TX 77303 CRS 80AR7a2L</p> <p>SIGNED: <u>John Hais</u></p> | | | | |
| <p>Masters Air</p> <p>121 Airport Ln Mena, Arkansas 71953 479-385-2132</p> <p>Cessna 182S N713PM S/N# 18280427 Tach. 1056.2</p> <p>June 04, 2018</p> <p>Removed & recovered side panels. Leather Mayfield Leather Hawk Lead Dye Lot HL864121217 see burn cert. dated 12/20/2017. Leather Mayfield Leather Delta Pantaloons Dye lot FL62031117 see burn cert. dated 03/20/2017 AIP Boltflex / Cordovan see cert. of conformance ref# CF233958 Door handle Plug r/h & l/h see 8130-3's dated 5/26/2018. Aircraft weight & balance not affected. All work done I/A/W Cessna S/R/M</p> <p style="text-align: right;"> David W. Brainerd AP3642154</p> | | | | |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS - Carry forward to next page |

DATE OF WORK PERFORMED
DATE NO. OF PERSON PERFORMING WORK

previous page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|------|-----------------------|---------------------------|------------------------------|--|
| | | | | TOTALS brought forward from previous page |

| | | | | | |
|--|--|--|---------------------------|---|---------------------------------------|
| 1. Applicant's full name: FAA/United States | | 2. Authorized Release Certificate FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | | | 3. Issue Tracking Number: 6186586 |
| 4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215 | | | | 5. Work Order Control System Number: 3122837 | |
| 6. Item: 110 | 7. Description: PLUG ASSY HANDLE DOOR LH | 8. Part Number: 0715096-85 | 9. Quantity: 1 | 10. Serial Number: N/A | 11. Status/Work: New |
| 12. Remarks: AUTHORIZED RELEASE DOCUMENT | | | | | |
| 13. PO#: 3667 | | | | | |
| 14. Certifies the items identified above were manufactured in accordance with: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12. | | | | | |
| 15. Authorized Signatory: <i>Don P. Macy</i> DON P. MACY | | 16. Approval Substitution No.: PC4 | 17. Authorized Signatory: | 18. Approval Certificate No.: | 19. Date (Month/Year): 26/May/2018 |
| User/Installer Responsibilities It is important to understand that the existence of this document above does not automatically constitute authority to install the aircraft engine propeller or other parts. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different from the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensure that the airworthiness authority (except aircraft approval/propeller) acts in the airworthiness authority of the country specified in Block 1. | | | | | |

6/28/2018

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427
ACTT:4535.7 TACH: 1060.7. Hobbs: 5327.8

Reg. N713PM
Date: 6/28/2018


An Annual Inspection was performed on this Airframe I/A/W FAR 43 appendix D and Cessna 182S maintenance manual annual inspection lists and requirements. Inspected brake disk and pads (70% on pads) both within limits. Brake system serviced with 5606. Replaced strobe lighting system switch with new circuit breaker switch # W31X2M1G5/CM3589-5. R&R battery with new Gill 7243-16 VRLA sealed battery. Serviced front strut with nitrogen. ELT was tested I.A.W. FAR 91.207(D). ELT battery good until February 2023.

Performed complete AD confirmation through 6/28/2018. C/W AD 84-26-02 paper filter by replacement of filter with new part # P198290 next due 1560.7. A new report was created. I certify this Airframe has been inspected I/a/w/ the requirements and specifications of the FARs and Cessna 182 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.

Wayne D. Lohmeyer AP2124714IA *Wayne D. Lohmeyer*

SUB-TOTALS this page
TOTALS - Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|-----------|-----------------------|---------------------------|------------------------------|--|
| 9/28/2018 | | | | TOTALS brought forward from previous page |
| | | | | <p>N713PM S/N: 182880427 WO: 2464 9/28/2018 Hobbs: 5382.1</p> <p>Removed KC-140 Flight Control Computer P/N: 065-00176-5403 S/N: 7001 and installed KC-140 Flight Control Computer P/N: 065-00176-5403 S/N: 9763 and configured for airframe IAW Bendix King KAP 140 Auto Pilot Maintenance Manual. Repaired bad splice on NAV flag wire to AP. Repaired broken wire on AP serial port. With regards to work performed, this aircraft is returned to service.</p> <p><i>[Signature]</i></p> <p>Sugar Land Avionics CRS OSJR598L 12888 Hwy 6 S. Hangar 105 Sugar Land, TX 77498</p> |
| 1/14/2019 | | | | |
| | | | | <p>Custom Aviation Services, LLC N713SM Airframe LOG – Cessna 182M Serial # 182259920</p> <p>Date: 01/14/2019</p> <p>Service strut by removing nitrogen setting height in accordance with the manufactures maintenance instructions. Filling piston with 5606 , cycling to remove air and re-charge with nitrogen. Installed new high-pressure valve stem and strut valve gasket. Dress leading edges of propeller blades, remove and feather paint as required. Etch and Alidine bare aluminum of propeller. Zinc Chromate and paint with epoxy propeller paint.</p> <p>Wayne D. Lohmeyer AP 2124714IA <i>[Signature]</i></p> |
| | | | | |
| | | | | <p>SUB-TOTALS this page</p> <p>TOTALS - Carry forward to next page</p> |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|-----------|-----------------------|---------------------------|------------------------------|--|
| | | | | TOTALS brought forward from previous page |
| 1/31/2019 | | | | <p>THE H COMPANY HOUSTON EXECUTIVE AIRPORT 1900 CARDIFF RD BROOKSHIRE, TX 77423</p> <p>1/31/2019 N713PM 182S 18280427 Tach 1123.3 Remove aircraft main battery P/N 7243-16, S/N G02977068. Install new Gill battery, P/N 7243-16, S/N G03031509 after top charging to 26.6 volts. Install FAA PMA approved battery minder 24041-AA series, model number 24041, S/N 0013079. Install pig tail only on battery. Battery Minder charging box was not permanently mounted on aircraft. Ground run aircraft and functional check electrical system and charging system. I certify that with respect to the work performed this aircraft was inspected/repaired in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and return to service. No other representations concerning airworthiness are expressed or implied.</p> <p><i>Richard A. Ellis</i> Richard A Ellis AP411174632</p> |
| 2/25/19 | | | | <p>Airframe Log: Cessna 182S N713PM S/N: 18280427 February 25, 2019 Tach: 1128.6 Hobbs: 5407.1</p> <p>Removed left brake line on landing gear leg, fabricated and installed new. Bled brakes.</p> <p>BY: Total Aircraft Services, INC. 17910 Airfield Lane Pearland, TX. 77581</p>  <p><i>Robert Williams</i> Robert Williams AP 464315134</p> |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS - Carry forward to next page |

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---|-----------------------|---------------------------|------------------------------|--|
| TOTALS brought forward from previous page | | | | |

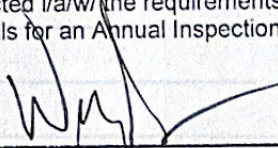
6/14/2019

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427

Reg. N713PM
Date: 6/14/2019
ACTT: 4627.2 TACH: 1151.2 Hobbs: 5433.5

An Annual Inspection was performed on this Airframe I/AW FAR 43 appendix D and Cessna 182S maintenance manual annual inspection lists and requirements. Inspected brake disk and pads replaced RH brake pads w/RA066-105 and replaced RH brake line on gear leg. Brake system serviced with 5606. Serviced front strut with nitrogen and install new high-pressure valve core. ELT was tested I.A.W. FAR 91.207(D). ELT battery replaced with new part# 8322 and good until August 2026. Performed complete AD confirmation through 6/14/2019. **C/W AD 93-05-06 ACS ignition switch inspection next due 1560.7.** A new AD report was created.

I certify this Airframe has been inspected i/a/w the requirements and specifications of the FARs and Cessna 182 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.

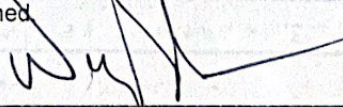
Wayne D. Lohmeyer AP2124714IA 

7/30/2019

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427

Reg N713PM
Date: 7/30/2019
TACH: 1167.6 Hobbs: 5452.3

Replaced defective alternator with O/H Hartzell Alternator part # ASG10001-17R serial # H-T070611. Replaced intermittent voltage regulator Lamar solenoid part # X61-0007 (oil part #) X61-0029 (new part#). Testing and installation performed I.A.W Cessna 182S maintenance manual. Charging system now performing as designed.

Wayne D. Lohmeyer AP2124714IA 

1/31/2020

Aircraft Maintenance Record

Tail Number: N713PM Serial Number: 18280427
Work Order Number: 3306 Date: 01/31/2020

Perform 91.411/91.413 Bi-Annual Checks:

Performed tests required by 14CFR Part 91.413 in accordance with paragraph (c) Appendix E and Appendix F of 14CFR Part 43.

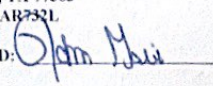
Transponder (Garmin GTX-330ES) - P/N- 011-00455-60 S/N- 84149902

Altimeter(s), Altitude Reporting equipment and Static system required by 14CFR Part 91.411 have been performed in accordance with 14CFR Part 43 Appendix E.

Altimeter - P/N- 5934P-3 S/N- 396263

The aircraft and/or component listed on this WO 3306 were repaired and inspected I/AW current FAA Regulations and are approved for return to service.

OutRight Avionics, LLC
10078 Airport Road
Conroe, TX 77303
CRS 80AR732L

SIGNED: 

Page No. _____

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---------|-----------------------|---------------------------|------------------------------|--|
| 2/11/20 | | | | TOTALS brought forward from previous page |

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427

Reg. N713PM
Date: 2/11/2020
TACH: 1267.0

Removed for overhaul airspeed indicator. Reinstalled ASI indicator overhaul by Texas Aircraft Instruments. Work performed I.A.W Cessna 182S maintenance manual.

Wayne D. Lohmeyer AP21247141A

ACR ELECTRONICS, Inc. 713 PM
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY July 2020
E.L.T. BATTERY
REPLACEMENT DATE July 2027

8/16/20

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427

Reg. N713PM
Date: 8/06/2020
ACTT: 4784.6 TACH: 1309.6 Hobbs: 5615.0

An Annual Inspection was performed on this Airframe I/A/W FAR 43 appendix D and Cessna 182S maintenance manual and inspection operations 1, 5 (400 Hr. insp.), 7 (600 Hr. Insp.), 9 (500 Hr. Mag insp.). Brake system serviced with 5606. Serviced front strut with nitrogen. ELT was tested I.A.W. FAR 91.207(D). ELT battery good until August 2026. Inspected all control surfaces and lubed w/LPS2. Installed JPI EDM-830 IAW JPI Installations instruction IAW installation instructions and STC SA2586NM. Installed CiES fuel senders P# CC284022-0602-701 S# C3163 and S# C3250 IAW installation instructions and STC SA02511SE. Installed and calibrated Aerospace Logic Fuel Gauge P# FL202D IAW installation instructions and STC SA02825NY. File form 337 for the above STC's. Install new main landing gear tires and tubes w/Goodyear FLT SPEC II 600X6 6PLY and nose gear tire and tube w/Goodyear FLT SPEC II 500x5 6 PLY tire. Performed complete AD confirmation through 8/06/2020. **P/C/W AD 93-05-06 ACS ignition switch inspection next due 1560.7.** A new AD report was created.

I certify this Airframe has been inspected i/a/w the requirements and specifications of the FARs and Cessna 182 maintenance manuals for an Annual Inspection and was determined to be in airworthy condition.

Wayne D. Lohmeyer AP21247141A

9/12/20

Custom Aviation Services
AIRFRAME Cessna 182S Serial # 18280427

Reg. N713PM
Date: 9/12/2020

Replaced defective ARTEX ELT 345 with new ARTEX 345-unit serial #317-04697 Mfg Dt: week 21/2020. Utilized existing mount, antenna and instrument panel indicator/switch. Owner removed and installed. Tested ELT IAW FAR 91.207(D). ELT battery good until Feb 2027.

Wayne D. Lohmeyer AP21247141A

| | | | |
|--|--|--|--|
| | | | |
| | | | |

SUB-TOTALS this page
TOTALS - Carry forward to next page



VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNF171L

N713PM TACH 1337.8 TOTAL 4812.7 H.M. 5648.8 DATE 2/26/2021 W.O. SV10024

AIRCRAFT S/N: 18280427

REMOVED AIRCRAFT BATTERY P/N: 7243-16 S/N: G03031509. SERVICED, CHARGED & INSTALLED NEW AIRCRAFT BATTERY P/N: G-243 S/N: G03109761. REPLACED PROPELLER SPINNER SUPPORT P/N: C-6359. REPLACED VACUUM CENTRAL FILTER P/N: AAD9-18-1 & REGULATOR FILTER P/N: B3-5-1. REPLACED RIGHT BRAKE CALIPER PISTON ORINGS P/N: MS28775-222 AND SERVICED SYSTEM. REPLACED LEFT & RIGHT MAIN LANDING GEAR FAIRINGS P/N'S: 0741639-5, 0741639-6. REPLACED ENGINE SIDE BAFFLE PLUGS P/N: CM2692-48JIS. REPLACED LOWER PEDESTAL LIGHT BULB P/N: 1829. REPLACED AIR VENT DUCT P/N: SCAT-4 IN LEFT WING ROOT. REPLACED LEFT & RIGHT WING STRUT FAIRINGS PMA P/N'S: SA-0723605-3, SA-0723605-4, SA-0723612-3 & SA-0723612-4. REPLACED LEFT & RIGHT WING TIPS PMA P/N'S: SA-0723200-5, SA-0723200-6. REPLACED LEFT NAV. LIGHT BULB P/N: 34-0428020-65.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park

PAUL PARK, CHIEF INSPECTOR



VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNF171L

N713PM TACH 1337.8 TOTAL 4812.7 H.M. 5648.8 DATE 3/1/2021 W.O. SV10024

AIRCRAFT S/N: 18280427

REPLACED BEACON LIGHT LAMP P/N: 02-0350433-01. THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Paul Park

PAUL PARK, CHIEF INSPECTOR

3-18-21 Tach 1343.9 Total time 4818.2 Remove Airspeed Gauge & Install overhauled Gauge P/N FA5175-17PTL-CES S/N T363 from Century Instrument Corporation See FAA FORM 8130-3 (02-14) dated March 15, 2021 for more detail. *Paul Park* ADP 446423169

4-2-21 Tach 1428.8 Total time 4903.8 Aircraft was Inspected Serviced & Lubricated IAW Cessna C-182 Service Manual - Cont. to Next Page →

SUB-TOTALS this page

TOTALS - Carry forward to next page

3-2-21 total time 4
I certify this Aircraft has
been inspected with a 100 hr.
inspection and determined to be in airworthy condition
Paul Park ADP No 44

- Cont. From Previous Page -

Page No. _____

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--|-----------------------|---------------------------|------------------------------|--|
| 11-2-21 | 4903.8 | ✓ | 1428.8 | TOTALS brought forward from previous page <u>Check List.</u> |
| | | | | Clean Inspect & Pack ALL wheel Bearings. Inspect wheels tires & Brakes. Seal & Service 4H Brake Caliper Replace Brake Linings on 4H Main Gear & Bled System. |
| | | | | Open Inspection Panels. Inspect Pulleys Cables Push/Pull Rods tubes & Rod Ends. Inspect Lites Stall Warning Pitot Heat Strobes & tail Beacon. Inspect Battery & Charge. |
| | | | | Clean Inspect Engine Air Induction filter Element. Lub & Grease Hinge Points. Fabricate R/H Exhaust Hanger Bracket. AD's checked to this A/C Model & Serial # Using t. data Rev 2421-19. AD 84-26-02 Induction Air filter Paper PCW 6-28-2418 A/C TT 4535.7 Replaced with new next due to Replace A/C TT 5035.7 EVERY 500hrs |
| | | | | Clean & Inspect EVERY 100hrs / +12 MTHS FAR 91.207 ELT CW (d) (1-4) Next due +100hrs / +12 MTHS. ELT BATTERY Good Feb, 2027 |
| 11-2-21 | total time 4903.8 | | | 11/2/2021 11 4903.8 |
| I certify this AIRCRAFT has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition. | | | | I certify this AIRCRAFT has been inspected in accordance with an Annual inspection and found to be in airworthy condition |
| Signature: <u>[Signature]</u> AIP No. 41423129 | | | | Signature: <u>[Signature]</u> IA 1721137 |

SUB-TOTALS this page

TOTALS - Carry forward to next page

| DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|---------|-----------------------|---------------------------|------------------------------|--|
| 3-29-22 | 4941.4 | ✓ | 1466.4 | TOTALS brought forward from previous page |
| | | | | Pilot Seat Replace & Adjust as Needed Seat Back Hydraulic Adjustment Cylinder. <i>Sam M. Hays</i> A-P 446423169 |
| 1-5-23 | 4994.9 | ✓ | 1519.9 | <p>Aircraft was Inspected Serviced & Lubricated IAW Cessna Service Manual Check List for C-182. Clean Inspect & Pack ALL wheel Bearings. Inspect wheels tires and Brakes. Open Inspection Panels & Remove front Seats & Carpet. Inspect Pollys Cables Push/Pull Rods tubes & Rod Ends. Inspect Lites Stall Warning Pitot Heat & tail Beacon. Lub & Grease Hinge Points. Inspect Battery & Charge. Clean & Inspect Engine Air Induction filter Element. Install New Ignition Switch P/N C292501-0106. Key # for Switch ACS 249. AD^s Checked to this A/c Model & Serial # using 7-data Rev 2422-22. AD 84-26-02 Induction Paper Air filter PCW 6-28-18 A/c 774535.7 Replaced with New Visual Clean & Inspect EVERY 100 hrs Replace filter EVERY 500 hrs. A/c 77 5035.7 - Cont. to Next Page →</p> |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS - Carry forward to next page |

-Cont. From Previous Page -

Page No. _____

| 2023 DATE | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR RECORDING METER TIME | DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--------------------|--------------------------------|------------------------------------|---------------------------------------|---|
| 1-5-23 | 4994.9 | ✓ | 1519.9 | TOTALS brought forward from previous page |
| | | | | FAR 91.207 ELT CW (d) (1-4) Next due +100 hrs / +12 MTHS. ELT Battery Pack Good till Feb. 2027. — |
| | | | | Date <u>1-5-2023</u> total time <u>4994.9</u> I certify this <u>Aircraft</u> has been inspected in accordance with a <u>100hr.</u> inspection and was determined to be in airworthy condition. Signature: <u>[Signature]</u> A&P No. <u>446423169</u> |
| | | | | Date <u>01/05/2023</u> TT <u>4994.9</u> I certify this <u>Aircraft</u> has been inspected in accordance with an <u>Annual</u> inspection and found to be in airworthy condition <u>[Signature]</u> IA 1721137 |
| 2-20-23 | 4999.3 | ← <u>A</u> → | 1524.3 | |
| 2-20-23 | 4999.3 | | 1524.3 | Remove Nose Gear Strut. Clean & Inspect. Assembly with New O-Rings. Service with 5606 and Nitrogen to Spec. <u>[Signature]</u> A&P <u>446423169</u> |
| 5-3-2023 | fact | 1547.4 | A/C TT 5022.4 | Install Main Gear R/H Wheel Part 1 fairing <u>[Signature]</u> A&P 446423169 |
| 6-27-23 | | | | A&M Aviation, LLC CRS# 8G8R177D N# <u>N713PM</u> W/O# <u>A06272023-01</u> IFR/VFR tested to <u>20</u> K ft This Altimeter / Transponder system has been tested as required by FAR 91.411 & or 91.413 and complies with FAR 43 Appendix E & F Altimeter S/N's <u>United 5934P-3 s/n 396263</u> Transponder S/N's <u>GTX 330 ES s/n 94149903</u> Encoder S/N's <u>Trans. Col 55D-120-30N s/n 20088</u> Tach/Hobbs <u>1567.2/5910.1</u> Date <u>6/27/2023</u> Signature <u>[Signature]</u> |
| | | | | SUB-TOTALS this page |
| | | | | TOTALS - Carry forward to next page |

Textron (Cessna) 182S

Airworthiness Directive Compliance Report

Date: 02/28/2024 Make/Model: Textron (Cessna) 182S Tail #: N713PM Serial #: 182-80427
 Airframe Hours: 1603.5
 Misc: TT: 5078.4
 Engine: Lycoming IO-540-AB1A5 Serial #: L-17820-48E Hours:
 Propeller: McCauley B3D36C431 Serial #: Hours:

Textron (Cessna) 182S

| AD# Eff Date Category | Subject | Date/Hours at Compliance | Method of Compliance | Rec | Date/Hours Next Due | Signature and Number |
|----------------------------------|--|--------------------------|--|-----|---------------------|--------------------------|
| 98-01-01 02/02/98 Airframe | Placard in Cockpit | N/A per serial number | | | | Ryan J Huskey 3264787 |
| 98-01-14 02/23/98 Airframe | Engine Exhaust Muffler | N/A per serial number | Exhaust mufflers part number mentioned not installed. | | | Ryan J Huskey 3264787 |
| 98-13-10 Airframe | Superseded By 00-02-14 | | | | | Ryan J Huskey 3264787 |
| 98-16-04 09/21/98 Airframe | Angle Stiffener On Wing | N/A STC not installed | | | | Ryan J Huskey 3264787 |
| 00-02-14 03/17/00 Airframe | Engine Exhaust Mufflers | N/A per serial number | | Yes | | Ryan J Huskey 3264787 |
| 00-04-01 Airframe | Superseded By 13-11-11 | | | | | Ryan J Huskey 3264787 |
| 03-24-13 Airframe | Superseded By 04-15-18 | | | | | Ryan J Huskey 3264787 |
| 04-15-18 09/12/04 Airframe | KAP 140 Autopilot | PCW | By exchange unit P/N: 065-00176-5403. See AD list dated 2018 | | | Ryan J Huskey 3264787 |
| 07-05-10 04/11/07 Airframe | Crew Seat Back Cylinder Lock | 12/10/07 tach: 2972.4 | PCW by SB04-25-01R4 | | | Ryan J Huskey 3264787 |
| 08-02-18 02/28/08 Airframe | BRS Parachute System Pick-Up Collar Support and Retaining Screws | N/A STC not installed | | | | Ryan J Huskey 3264787 |
| 08-10-02 05/12/08 Airframe | Alternate Static Air Source Selector Valve | 6/22/08 tach: 3030.1 | Inspection | | N/A | Ryan J Huskey 3264787 |
| 08-26-10 01/05/09 Airframe | Alternate Static Air Source Selector Valve | PCW | Complied with AD 08-10-02 | | | Ryan J Huskey 3264787 |
| 13-11-11 08/01/13 Airframe | Engine Oil Pressure Switch | 06/27/14 tach: 273.4 | Installed new switch | Yes | Tach: 3273.4 | Ryan J Huskey 3264787 |

Engine: Lycoming IO-540-AB1A5

| AD# Eff Date Category | Subject | Date/Hours at Compliance | Method of Compliance | Rec | Date/Hours Next Due | Signature and Number |
|--------------------------------|----------------------|--------------------------|----------------------|------|---------------------|--------------------------|
| 63-14-03 07/06/63 Engine | Oil Pump Drive Shaft | N/A per serial number | | Yes* | | Ryan J Huskey 3264787 |