

N3242Y  
Cessna 182E

# AIRCRAFT RECORDS

## AIRFRAME INSPECTION DETAIL

*Alc Total Time 2929.00017 TACH 812.2*

11-06-02

N3242Y

Tach 00.3

This aircraft has under gone extensive modification, alteration, repair and completed a through inspection. The modifications, alterations and repairs are detailed later in this entry. The inspection was conducted in accordance with Title 14 CFR 43, Appendix D - SCOPE AND DETAIL OF ITEMS TO BE INCLUDED IN ANNUAL AND 100-HOUR INSPECTIONS, an Air One, Inc. supplied check list and the Inspection Guide found in the Cessna Aircraft Company, Service Manual, 100 Series, #D637-13-RAND-2000. Each inspection and/or service item listed in the 25/50/100/500 hour schedule was completed.

ELT checked for proper operation per CFR 91.207(d) and found to operate satisfactorily. The ELT Battery Expires 10-03.

The existing powerplant, a Continental O-470R removed for upgrade to an IO-470-27FB. The Continental rebuilt/zero time engine was installed under authority of STC 3825SW. Consult FAA Form 337 dated 10-24-02, for details of this alteration. Engine ground test run and found to operate within Continental and Cessna specifications. Time since new "0".

Existing propeller changed to a McCauley model 2A34C66-P for compliance purposes with STC 3825SW. Consult FAA Form 337 dated 10-24-02, for details of this alteration. Time since new on prop, "0".

Remove existing vacuum pump and install Airborne 300-2 Dry Air Vacuum Pump in accordance with Supplemental Type Certificate Number SA 1-611. Consult FAA Form 337 dated 10-27-02, for details of this alteration. Vacuum Pump time since new, "0".

Remove existing generator and install Interav, Inc. (Alcor), 55 amp alternator in accordance with Supplemental Type Certificate No. SA 334 SW. Consult FAA Form 337 dated 10-26-02, for details of this alteration. Alternator time since new, "0".

ENDING DATE AND TTF THIS PAGE

ENTRY CONTINUED NEXT PAGE

Date: 10/29/02

N3242Y

Tach: 00.3

Removed existing two piece windshield and replaced with a one piece windshield PN WS339/CMB-GY as per STC # SA4741NM in accordance with L P Aero Plastics, Inc. Replaced with new pilot and copilot windows with PN WS391GY, rear side left window with PN WS395GY, rear side right window with PN WS396GY, rear windshield left with PN WS393GY and rear windshield right with PN 394GY.

Boyd Wheeler A & P 443529955

*Boyd Wheeler*

Date: 11/05/02

N3242Y

Tach: 00.3

Removed left fuel cell and replaced with new fuel cell PN 3030-5. No leaks noted.

Boyd Wheeler A & P 443529955

*Boyd Wheeler*

N3242Y  
Cessna 182E

# AIRCRAFT RECORDS

## AIRFRAME INSPECTION DETAIL

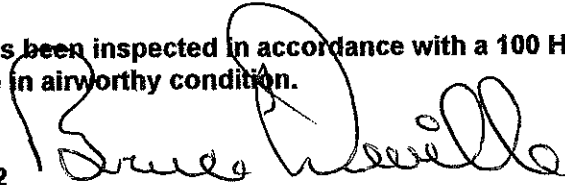
Remove existing wheels and brakes and install new Cleveland conversion in accordance with Supplemental Type Certificate SA 13 GL. Consult FAA Form 337 dated 10-28-02, for details of this alteration. New McCreary 6:00 X 6 tires and tubes installed at this time.

Cessna production control wheels removed and replaced with new Avion controls wheels in accordance with Supplemental Type Certificate SA 00709LA. Consult FAA Form 337 dated 10-30-02, for details of this alteration.

Continental production oil filter removed and replaced with a remote oil filter installed in accordance with Supplemental Type Certificate. Consult FAA Form 337, for details of this alteration.

I certify that this aircraft has been inspected in accordance with a 100 Hour Inspection and found to be in airworthy condition.

Bruce Deville, A&P 2447452



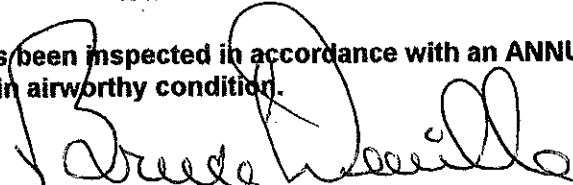
11-06-02

N3242Y

Tach 0.3

I certify that this aircraft has been inspected in accordance with an ANNUAL Inspection and found to be in airworthy condition.

Bruce Deville, A&P 2447452



3-31-03

N3242Y

Tach 0.3

I certify that this aircraft has been inspected in accordance with an ANNUAL Inspection and found to be in airworthy condition.

Bruce Deville, A&P 2447452



ENDING DATE AND TTAF THIS PAGE  
3-31-03 TACH 00.3

**N3242Y**

Cessna 182E

# AIRCRAFT RECORDS

## AIRFRAME INSPECTION DETAIL

May 16, 2003

N3242Y

Tach 00.3

The aircraft interior was completely stripped including seat upholstery. The pilot, co-pilot and rear seats were covered in natural leather. This leather has been flame resistant treated to comply with CAR 3.388. CAR 3 is the certification basis for a Cessna 182E Type Certificate (3A13). Although not required, this leather has also been flame/fire/burn resistant treated to the more stringent FAR 23.853 and FAR 23 Appendix F requirements. The wall panels, window molding and various interior furnishings were covered in the same leather with the same flame/fire/burn resistant certification. New carpet conforming to CAR 3 as well as FAR 23.853 and FAR 23 Appendix F requirements was installed on all floor areas of cabin. A new cloth headliner was installed. The materials used for this headliner confirm to CAR 3 as well as FAR 23.853 and FAR 23 Appendix F burn requirements. All references in this entry refer to CAR 3 are referring to 14 CFR 3 Appendix F, ASTM and other nationally recognized standards. All references to FAR 23 are referring to 14 FAR 23.853 and FAR 23 Appendix F. Flammability certification data attached to the reverse side of this page. This entry complies with 14 CFR 43.9(a).

  
Bruce Deville, A&P 2447452

ENDING DATE AND TTAf THIS PAGE

AIRFRAME MAINTENANCE RECORD ENTRY 04-13-2004

Cessna 182E54242 N54242 Tach Time 14.0 Total Time 2937.00

Complied with Annual Inspection and service Aircraft serviced and lubed as required cleaned fuel screen and installed new drain valve seals complied with AD83-13-01 para.b)1)

I certify that this Aircraft has been Inspected in accordance with an Annual Inspection and was considered to be in Airworthy condition

*George Watson*  
George Watson A&P1671312 IA

Cessna 182  
N3242Y

03/18/04  
S/N 18254242

Exterior refinishing of Cessna 182, #18254242, N3242Y is as follows:

Complete chemical strip, etch, alodine, and epoxy prime. Apply high build primer as needed. Made cosmetic repairs to cowling, fuselage, wings, horizontal stabilizer and wingtips. Hand-sanded all primers to create smooth surface for topcoat. Applied PRC DeSoto Matterhorn White (11050) as a base. Painted on a two-color stripe design per customer specs using Jet Glo Coca Cola (10097) and Gray 707 (01529). The landing gear was hand scrubbed, masked, sanded and primed as required, and painted. After paint, applied B 1/2 sealer as needed. Installed basic exterior decal kit. Balance-checked and reinstalled flight controls. Tempra-Flex paint sealant was applied to all painted surfaces. Installed wing strut fairing kit No. C182-61 in accordance with STC No. SA4121SW and installation instructions. Installed flap gap seals in the left-hand and right-hand wing flap wells in accordance with drawing # C100/200FGS and STC No. SA238NM and drawing kit. All work performed in accordance with Cessna maintenance manual. Weight and balance change negligible.

*M Turner 9-8-04*  
Michael A. Turner  
Airframe 453433514

Aerosmith Aviation Longview, Tx 75603  
903-643-0898

4/22/05 IFR Certified  
Ref wo # 10156. GNS 430 GPS/nav/com  
See FAA Form 337  
this date and Flight  
Manual Supplement dated  
2/7/02 for details and  
Limitations.

*Ark-La-Tex Avionics*  
Cert CZ 2R 743K  
OF FSC


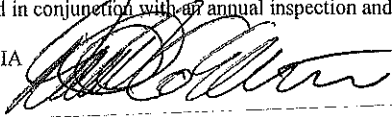
April 13 2005  
Tach 65.3.

Inspect aircraft I/c/w an Annual  
inspection. Checked all flight controls,  
checked wheel bearings & brakes,  
serviced battery. lubed all flight  
controls. checked all lights.  
Checked all panels and secondary  
structures for security. All A.D's  
for this aircraft, engine, and propeller  
have been reviewed and/or c/w  
as of this date. I certify  
that this aircraft has been  
inspected I/c/w an annual  
inspection and is in Airworthy condition.  
Eddie Hoek 430314162 IA/ATP.

18 MAY 2006/TACH: 123.1 INSPECT AIRCRAFT ICW AN ANNUAL  
INSPECTION. REPACKED ALL WHEEL BEARINGS. CHECKED ALL  
BRAKES. REPLACED ELT BATTERY. GOOD TILL MAY 08.  
CHECKED ALL LIGHTS. CHECKED ALL SEAT TRACKS,  
HARNESSES, AND BELTS. CHECKED ALL FLIGHT CONTROLS,  
CABLES, AND PULLYS. ALL A.D'S FOR THIS AIRCRAFT, ENGINE,  
AND PROPELLER HAVE BEEN REVIEWED AND/OR C/W AS OF  
THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
INSPECTED ICW AN ANNUAL INSPECTION AND IS IN  
AIRWORTHY CONDITION. EDDIE HOEK 430314162 A&P/I.A.

Eddie Hoek

# MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
			<p><b>1 JULY 2008/TACH:</b> _____ . ICERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162 A&amp;P/I.A. </p>	
			<p align="center"> <b>Propeller Log Entry December 12, 2012</b>  <b>N3242Y CESSNA 182E SN# 18254242</b>  <b>McCauley 2A34C66-P/A-5-90AT-8 SN 000049,UC012YSC, UC000YSC</b>  <b>Aircraft Total Time 3635.1, Tach and TT 712</b> </p>	
			<p align="center"> <b><u>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</u></b>            This propeller has been inspected in conjunction with an annual inspection and is approved for return to service.            David C Entekin A&amp;P 33985571A  </p>	
Note:				3 12

1 JUNE 2007/TACH: 179.6 INSPECT AIRCRAFT ICW AN ANNUAL INSPECTION USING CESSNA 182 MANUALS. CHECKED ALL LIGHTS. CHECKED ALL FLIGHT CONTROL SURFACES, CABLES, AND PULLYS. REPACKED ALL WHEEL BEARINGS. SERVICED TIRES. CHECKED BRAKES. CHECKED ALL SEAT TRACKS, BELTS, AND HARNESSSES. ELT CHECKED GOOD. ALL A.D'S FOR THIS AIRCRAFT, ENGINE, AND PROPELLER HAVE BEEN REVIEWED AND/OR C/W AS OF THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.  
EDDIE HOEK 430314162 A&P/I.A. edd

1 JULY 2008/TACH: 304.1 .INSPECT AIRCRAFT ICW AN ANNUAL INSPECTION. CHECKED ALL FLIGHT CONTROLS, CABLES, AND PULLYS. CHECKED ALL LIGHTS. CHECKED ALL TIRES, BRAKES, AND WHEEL BEARINGS. CLEANED FUEL FILTER. GREASED NOSE GEAR. CHECKED ELT BATTERY. CHECKED ALL SEAT TRACKS, BELTS, AND HARNESSSES. ALL A.D'S FOR THIS AIRCRAFT, ENGINE, AND PROPELLER HAVE BEEN REVIEWED AND/OR C/W AS OF THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162 IA./A&P edd

1 AUG 2009/TACH: \_\_\_\_ . INSPECT AIRCRAFT ICW AN ANNUAL INSPECTION USING THE CESSNA 182 MAINTENANCE MANUAL. CHECKED ALL FLIGHT CONTROLS, CABLES, AND PULLYS. CHECKED ALL AIRCRAFT LIGHTING. REPACKED ALL WHEEL BEARINGS. SERVICED TIRES. REPLACED BRAKES. SERVICED BRAKE S. CHECKED ELT BATTERY. CHECKED AIRCRAFT BATTERY. CHECKED ALL SEAT BELTS, HARNESSSES, AND TRACKS. CLEANED FUEL STRAINER. CHECKED VAC FILTER. ALL A.D'S FOR THIS AIRCRAFT, ENGINE, AND PROPELLER HAVE BEEN REVIEWED AND/OR C/W AS OF THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED ICW AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION. EDDIE HOEK 430314162  
A&P/I.A. edd



DATE: 9/7/10  
N # 3242Y  
TACH: 535.2  
A/C TT: 3458.3

*Royal Air*

1530 Airport Dr. Hangar 2  
Shreveport, LA 71107  
318-221-3381

COMPLETED ANNUAL INSPECTION PER CESSNA 182 M/M. CHARGED AND SERVICE AIRCRAFT BATTERY. REPAIRED BATTERY BOX. REPLACED VACUUM REGULATOR AND CENTRAL FILTERS. RELAMPED TAXI LIGHT 4509. REPLACED CO-PILOT'S DOOR LATCH 0711061-5. REPLACED AFT BULKHEAD 0712523-1 AND TIE DOWN 0422344 WITH NEW. RERIGGED ELEVATOR TRIM CABLES PER M/M. RESEALED NOSE STRUT AND SERVICED LEAK CHECK GOOD. C/W ELT INSP PER FAR 91.207 (d). REPLACED BATTERIES. NEXT DUE 8/12. OPS CHECK GOOD. C/W AD 83-13-01 FUEL PLACARD AND CAP INSP. C/W AD 87-20-03 R2 SEAT TRACK INSP. C/W AD 2008-26-10 ALTERNATE STATIC VALVE INSP. NO OBSTRUCTION NOTED. C/W AD 76-07-12 R1 BENDIX SWITCH INSP. BY OPS CHECK. LUBED WHEEL BEARINGS. LUBED AND SERVICED AIRFRAME.

I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition

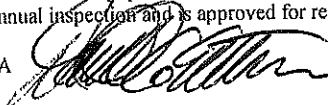
*Redmy Presto* WO  
A456432489IA 2136

**Airframe Maintenance Entry November 11, 2011**  
**N3242Y CESSNA 182E SN# 18254242**  
**Aircraft Total Time 3587.7, Tach 664.6**

**Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358**

Installed a new Gill G35 battery. Cleaned the fuel strainer. Cleaned, inspected and re-packed the wheel bearings. Bled the brakes and serviced the brake reservoirs. Tightened the fuel cell access plate screws. Inspected the seat latching mechanisms and components in accordance with AD2011-10-09 Amn. 39-16690, no defects were indicated. The next inspection is due June 2012 or Tach 1174.8, whichever occurs first. A new induction filter element was installed and the filter housing was inspected in accordance with ICA 1-194. No defects were noted. The next inspection is due November or Tach 664.6 whichever occurs first. Inspected the ELT in accordance with FAR 91.207(d), no defects were indicated, the next inspection is due November 2012. Adjusted and rigged the aileron cables and system. Reinstalled the exhaust system following repair by Dawley Corporation FAA CRS NJ5R069N under WO 104686 Removed an oil filtration system for which no STC had been assigned nor 337 executed. This had not been entered into the equipment list. Tensioned the alternator belt. This aircraft has been inspected in accordance with an annual inspection and is approved for return to service.

David C Entrekina A&P 33985571A

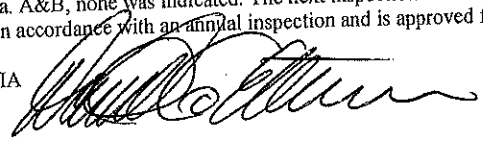


**Airframe Maintenance Entry December 12, 2012**  
**N3242Y CESSNA 182E SN# 18254242**  
**Aircraft Total Time 3635.1, Tach 712.0**

**Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358**

Serviced the storage battery and performed the capacity check, battery passed at 82%. Cleaned the fuel strainer. Adjusted rigging of the fuel strainer. Cleaned, inspected and re-packed the wheel bearings. Bled the brakes and serviced the brake reservoirs. Replaced the left fuel cell with a new FAAPMA cell part number FFC 3030-6 serial CR421. Installed new 0726603-14 and -16 finger strainers. Serviced tank, no leaks noted. Complied with AD 83-13-01 amendment 39-4672, by inspection of the fuel caps, no defects were indicated. The next inspection is due December 2013. Inspected the seat latching mechanisms and components in accordance with AD2011-10-09 Amn. 39-16690, no defects were indicated. The next inspection is due Dec 2013 or Tach 812, whichever occurs first. A new induction filter element was installed and the filter housing was inspected in accordance with ICA I-194. No defects were noted. The next inspection is due December 2013 or Tach 912 whichever occurs first. Inspected the ELT in accordance with FAR 91.207(d), no defects were indicated, the next inspection is due December 2013. Tensioned and re-safetied the aileron yoke interconnect cable turnbuckles. Fitted and installed a wear bushing in the alternator hinge pivot hole, and tensioned the alternator belt. Re-torqued the lower engine mount bolts at the firewall. Retorqued the main landing gear saddle bolts. Installed a new Michelin 092-315-0 tube and 072-314-0 tire on the right mount. Complied with AD72-07-09 amendment 39-1988 by inspection of the vertical fin bolts for looseness in accordance with para. A&B, none was indicated. The next inspection is due at tach 1712 or 4635.1 TT. This aircraft has been inspected in accordance with an annual inspection and is approved for return to service.

David C Entrekim A&P 33985571A



AIRCRAFT LOG ENTRY LABEL

David Heath Owner	Heath Aviation, 219 Airport Dr. Winona Airport WINONA, MS. 38967 662-283-9833	CERTIFIED REPAIR STATION NO. HVDR337X  HA FORM 101
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I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY CFR 91.411 HAS BEEN PERFORMED THIS DATE. THE PRIMARY ALTITUDE REPORTING SYSTEM MAKE UNITED, MODEL 5934-PA-3, S/N 422062 ENCODER T.C.I. SSD120-DP-T S/N 24008

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY CFR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER MAKE GARMIN, MODEL GTX327, & SN 83707270

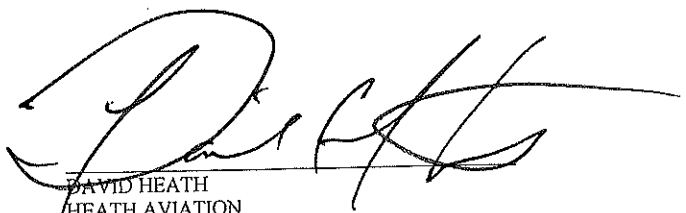
SIGNATURE  DATE 03-15-13

WORK ORDER # 5314

MARCH 15, 2013 **LOG BOOK ENTRY** N3242Y; TACH: 725.3 WORKORDER # 5314

REMOVED GARMIN 430 AND SENT FOR FLAT RATE REPAIR UNDER RMA# 52222192 TO CORRECT DEFECTIVE CDI METER CIRCUITRY

WEIGHT AND BALANCE CHANGE NEGLIGIBLE



DAVID HEATH  
HEATH AVIATION  
FAA CRS# HVDR337X

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358

**Airframe Maintenance Entry**      **N3242Y**      **10 January 2014**  
**Cessna 182E**      **S/N: 18254242**      **Tach: 757.4**      **TTAF: 3700.5**

**Maintenance Actions Performed:**

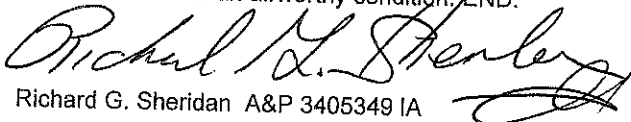
- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). NO defects noted at this time. Replaced 6 each: P/N MN 1300/LR 20 Duracell 1.5 volt batteries. Expiration 1-2015.
- 3) Oil change not due, inspected sump filter, no metal noted at this time.
- 4) Replaced vacuum filter P/N: AAD 9-18-1 and garter filter P/N: ARB 3-5-1.
- 5) Performed differential compression check. Results: 1) 65/80, 2) 60/80, 3) 52/80, 4) 60/80, 5) 78/80, 6) 52/80.
- 6) Replaced bracket induction filter, P/N: BA 8103, inspected filter housing in accordance with ICA 1-194. No defects noted.
- 7) Removed corrosion from battery box and re-painted.
- 8) Replaced battery, P/N: G-35. Gill 12V S/N G02787727.
- 9) Re-wired 12Volt power supply with a 10 Amp inline fuse directly to main buss.
- 10) Repaired glove box door.

Work accomplished by: Michael L. Brown, Charles R. Hopper, and Richard G. Sheridan.

**ADs Compliance:**

- 1) Complied with **AD 2011-10-09, Amndt. 39-16690**, by inspection of seats and seat rails in accordance with para (g): No defects noted at this time. Next due @ Tach 857.4 or Jan 2015.  
< Continued >

- 2) Complied with **AD 84-10-01 R1, Amndt. 39-5940**, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due Jan 2014.
  - 3) Complied with **AD 83-13-01, Amndt. 39-4672**, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due Jan 2014.
- This aircraft has been inspected in accordance with an **ANNUAL INSPECTION** and has been determined to be in an airworthy condition. END.

  
Richard G. Sheridan A&P 3405349 IA

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358


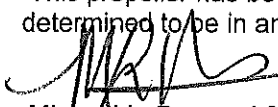
**Airframe Maintenance Entry**      **N3242Y**      **March 02, 2015**  
**Cessna 182E**      **S/N: 18254242**      **Tach: 825.7**      **TTAF: 3748.4**

**Maintenance Actions Performed:**

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Drained oil and inspected filters. Safetied filter. Serviced engine with 11 quarts Aeroshell 100W.
- 3) Performed differential compression check. Results: 1) 64/80, 2) 60/80, 3) 32/80, 4) 45/80, 5) 55/80, 6) 35/80.
- 4) Replaced bracket induction filter, P/N: BA 8103, inspected filter housing in accordance with ICA 1-194. No defects noted.
- 5) Installed new pushrod seals on #5 cylinder with new valve cover gasket.
- 6) Installed new Superior cylinder in the #3 position. Cylinder PN#SA47006L-A2OP SN# 476L-L14-2339 with new Continental piston, PN654832 with new piston pin, PN# SA539467, Lot Number 10/08/14.
- 7) Installed new Superior cylinder in the #4 position. Cylinder PN#SA47006L-A2OP SN# 476L-L14-2338 with new Continental piston, PN654832 with new piston pin, PN# SA539467, Lot Number 10/08/14.

<Continued>

# MAINTENANCE & SERVICE HISTORY

Date	<u>Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358</u> 			atures Station bers
	<b>Propeller Maintenance Entry N3242Y March 2, 2015</b> <b>Cessna 182E S/N: 18254242 Tach: 825.7 TTPROP: 825.4</b> <b>McCaughey 2A34C66-P/A-5-90AT-8 S/N 000049, UC012YSC, UC000YSC.</b>			
	<b><u>Maintenance Actions Performed:</u></b>			
	1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.			
	2) Cleaned and dressed prop			
	This propeller has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.			
	 Michael L. Brown A&P# 3606283 IA			

Note: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins On Pages 11 & 12

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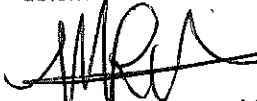
- 8) Installed new Superior cylinder in the #6 position. Cylinder PN#SA47006L-A2OP SN# 476L-L14-2342 with new Continental piston, PN654832 with new piston pin, PN# SA539467, Lot Number 10/08/14.
- 9) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). NO defects noted at this time. Battery expiration date, March 2024.
- 10) Replaced battery, P/N:G-35. Gill 12V S/N G02851032.  
Replaced left main 6.00-6 6 ply tire, PN#072-314-0 and new Airstop tube, PN# 092-500-0.
- 11) Battery failed capacity check. Installed new Gill 35 battery, SN# G02851032.

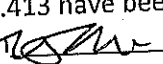
Work accomplished by: Michael L. Brown, Charles R. Hopper, and James W. Trigg.

**ADs Compliance:**


- 1) Complied with AD 2011-10-09, Amndt. 39-16690, by inspection of seats and seat rails in accordance with para (g). No defects noted at this time. Next due @ Tach 925.7 or March 2016.
- 2) Complied with AD 84-10-01 R1, Amndt. 39-5940, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due March 2016.
- 3) Complied with AD 83-13-01, Amndt. 39-4672, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due March 2016.

This aircraft has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition. END.

  
 Michael L. Brown A&P# 3606283 IA

N 3242Y Tach 850 Altitude 20,000  
 I certify that the altimeter, encoding, and static tests required by FAR 91.411 and the transponder test required by FAR 91.413 have been completed this date 3-15-16  
 Technician  WO 01225

McCain Aviation CRS4MVR101C (769)232-4188

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Airframe Maintenance Entry	N3242Y	March 15, 2016
Cessna 182E S/N: 18254242	Tach: 850.8	TTAF: 3773.5

**Maintenance Actions Performed:**

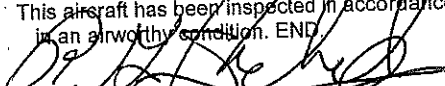
- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Drained oil. Removed and inspected screen, no metal noted. Reinstalled screen and saftied. Serviced with 11 quarts Aeroshell 100W.
- 3) Performed differential compression check. Results: 1) 64/80, 2) 66/80, 3) 70/80, 4) 68/80, 5) 60/80, 6) 74/80.
- 4) Installed new brackett induction filter pn BA 8103. Inspected filter housing in accordance with ICA I-194. No defects noted.
- 5) Installed new AAD9-18-5 vacuum filter and ARB3-5-1 vacuum relief filter.
- 6) FAA FAR 91.411 and 91.413 checks complied with by McCain Aviation CRS 4MVR101C. Next due 4/1/2018.

Work accomplished by: R. G. Sheridan, Charles R. Hopper and Jacob Cox.


**ADs Compliance:**

- 1) Complied with AD 2011-10-09, Amndt. 39-16690, by inspection of seats and seat rails in accordance with para (g). No defects noted at this time. Next due @ Tach 950.8 or March 2017.
- 2) Complied with AD 84-10-01 R1, Amndt. 39-5940, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due March 2017.
- 3) Complied with AD 83-13-01, Amndt. 39-4672, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due March 2017.

This aircraft has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition. END.

  
 R. G. Sheridan A&P# 3405349 IA

# MAINTENANCE & SERVICE HISTORY

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

## Propeller Maintenance Entry

N3242Y

March 15, 2016

Cessna 182E S/N: 18254242

Tach: 850.8

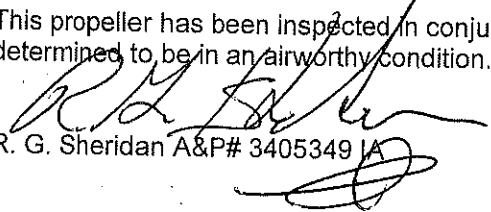
Prop TTSN: 850.8

McCaughey 2A34C66-P/A-5-90AT-8 S/N 000049, UC012YSC, UC000YSC.

### Maintenance Actions Performed:

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.

This propeller has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.

  
R. G. Sheridan A&P# 3405349 IA

Signatures  
and Station  
Numbers

Pages 11 & 12

# MAINTENANCE & SERVICE HISTORY

Date	Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358	atures Station bers
	<b>Engine Maintenance Entry    N3242Y    March 20, 2017</b>	
	<b>Continental IO-470-F27    S/N# 089949    Tach: 859.2    Eng TTSN: 859.2</b>	
	<b>Maintenance Actions Performed:</b>	
	1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.	
	2) Drained oil. Removed and inspected screen with no metal noted. Reinstalled screen and saftied. Serviced engine with 11 quarts Aeroshell 100W.	
	3) Performed differential compression check. Results: 1) 64/80, 2) 60/80, 3) 68/80,	
	4) 60/80, 5) 64/80, 6) 63/80.	
	4) Replaced bracket induction filter, P/N: BA 8103, inspected filter housing in accordance with ICA 1-194. No defects noted.	
	Work accomplished by: R. G. Sheridan and Charles R. Hopper.	
	Washed engine ground run, no leaks noted. This engine has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.	
	R. G Sheridan A&P# 3405349 IA	
Note		& 12
8		

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Airframe Maintenance Entry N3242Y March 20, 2017  
Cessna 182E S/N: 18254242 Tach: 859.2 TTAF: 3781.9

**Maintenance Actions Performed:**

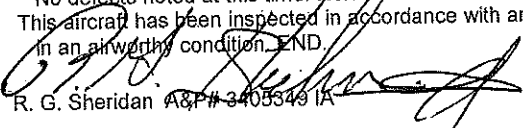
- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Drained oil. Removed and inspected screen, no metal noted. Reinstalled screen and saftied. Serviced with 11 quarts Aeroshell 100W.
- 3) Performed differential compression check. Results: 1) 64/80, 2) 60/80, 3) 68/80, 4) 60/80, 5) 64/80, 6) 63/80.
- 4) Installed new brackett induction filter pn BA 8103. Inspected filter housing in accordance with ICA I-194. No defects noted.
- 5) Installed new AAD9-18-5 vacuum filter and ARB3-5-1 vacuum relief filter.
- 6) Installed new G-35 battery sn G02928368.
- 7) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). No defects noted at this time. **ELT Battery expiration date: 3-2024.**

Work accomplished by: R. G. Sheridan and Charles R. Hopper.

**ADs Compliance:**

- 1) Complied with AD 2011-10-09, Amndt. 39-16690, by inspection of seats and seat rails in accordance with para (g). No defects noted at this time. Next due @ Tach 959.2 or March 2018.
- 2) Complied with AD 84-10-01 R1, Amndt. 39-5940, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due March 2018.
- 3) Complied with AD 83-13-01, Amndt. 39-4672, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due March 2018.

This aircraft has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition. END

  
R. G. Sheridan A&P# 3405348 IA

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Airframe Maintenance Entry N3242Y June 14, 2018  
Cessna 182E S/N: 18254242 Tach: 864.0 TTAF: 3786.7

**Maintenance Actions Performed:**


- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Removed and inspected screen, no metal noted. Reinstalled screen and saftied.
- 3) Performed differential compression check. Results: 1) 62/80, 2) 74/80, 3) 73/80, 4) 68/80, 5) 64/80, 6) 68/80.
- 4) Inspected filter housing in accordance with ICA I-194. No defects noted.
- 5) Removed beacon light and power supply. Installed new 01-0245229-10 Whelen red beacon.
- 6) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). No defects noted at this time. **ELT Battery expiration date: 3-2024.**

Work accomplished by: Stephen Brent Duncan and Charles R. Hopper.


**ADs Compliance:**

- 1) Complied with AD 2011-10-09, Amndt. 39-16690, by inspection of seats and seat rails in accordance with para (g). No defects noted at this time. Next due @ Tach 964.0 or June 2019.
- 2) Complied with AD 84-10-01 R1, Amndt. 39-5940, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due June 2019.
- 3) Complied with AD 83-13-01, Amndt. 39-4672, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due June 2019.

This aircraft has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition. END.

  
Charles R. Hopper A&P 3564582 IA



Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Airframe Maintenance Entry N3242Y September 20, 2019  
Cessna 182E S/N: 18254242 Tach: 0.0 TTAF: 3786.7

**Maintenance Actions Performed:**


- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
- 2) Drained engine oil. Removed and inspected screen, no metal noted. Reinstalled screen and saftied. Serviced with 11 qts Aeroshell 100W oil.
- 3) Performed differential compression check. Results: 1) 62/80, 2) 60/80, 3) 74/80, 4) 62/80, 5) 58/80, 6) 60/80.
- 4) Inspected filter housing in accordance with ICA 1-194. No defects noted.
- 5) Installed new SkyBeacon ADS-B out transmitter SSID Beacon-05C9 password RadialProp.
- 6) Installed new D1-112-5023 mechanical tachometer.
- 6) Performed operational check of ELT in accordance with 14 CFR 91.207 (d). No defects noted at this time. ELT Battery expiration date: 3-2024.

**ADs Compliance:**

- 1) Complied with AD 2011-10-09, Amndt. 39-16690, by inspection of seats and seat rails in accordance with para (g). No defects noted at this time. Next due @ Tach 100.0 or September 2020.
  - 2) Complied with AD 84-10-01 R1, Amndt. 39-5940, by inspection of fuel caps and flanges in accordance para (d). No further defects noted. Next due September 2020.
  - 3) Complied with AD 83-13-01, Amndt. 39-4672, by inspection wings and fuel cells in accordance with para (b). No defects noted at this time. Next due September 2020.
- This aircraft has been inspected in accordance with an ANNUAL INSPECTION and has been determined to be in an airworthy condition. END.



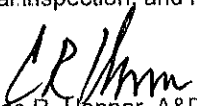
Charles R. Hopper A&P 3564582 IA

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Engine Maintenance Entry N3242Y September 20, 2019  
Continental IO-470-F27 S/N# 089949 Tach: 0.0 Eng TTSN: 864.0

**Maintenance Actions Performed:**

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.
  - 2) Drained oil. Removed and inspected screen with no metal noted. Reinstalled screen and saftied. Serviced engine with 11 quarts Aeroshell 100W.
  - 3) Performed differential compression check. Results: 1) 62/80, 2) 60/80, 3) 74/80, 4) 62/80, 5) 58/80, 6) 60/80.
  - 4) Inspected filter housing in accordance with ICA 1-194. No defects noted.
- Washed engine ground run; no leaks noted. This engine has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.



Charles R. Hopper A&P 3564582 IA

Madison Air Center, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-9358 

Propeller Maintenance Entry N3242Y September 20, 2019  
Cessna 182E S/N: 18254242 Tach: 0.0 Prop TTSN: 864.0  
McCaulley 2A34C66-PIA-5-90AT-8 S/N 000049, UC012YSC, UC000YSC.

**Maintenance Actions Performed:**

- 1) Performed 100 Hour/Annual Inspection/Maintenance in accordance with Cessna 182 Progressive Care Checklist, Operations 1-4.

This propeller has been inspected in conjunction with an annual inspection, and has been determined to be in an airworthy condition. END.



Charles R. Hopper A&P 3564582 IA

Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Airframe Maintenance Entry**      **N3242Y**      **2/16/22**  
**Cessna 182E**      **S/N: 182-54242**      **Tach: 2.8 TTAF: 3789.5**

Removed inspected and tested ELT IAW FAR 91.207(d) Battery due date 12/23. Removed inspection panels lubricated all control systems. Inspected control cables and pulleys Removed wheels and inspected and repacked all wheel bearings. Installed new Gill G-35 battery and inspected electrical systems. Inspected firewall fuel screen. Installed new Air Trac 500-5 nose tire. Resealed nose strut with McFarlane MCSK 172-1F nose strut seal kit. Serviced LH brake reservoir with 5606. Complied with AD 2011-10-09 next due 102.8 or annual. Complied with AD 84-10-01 due next annual. Complied with AD 83-13-01 due next annual. Complied with AD 20-18-01 No defects found next due 1002.8 or 2/25

Performed Annual Inspection in accordance with Cessna 182 service manual. Performed ground run and operational checks. No defects noted at this time.

I certify this aircraft has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

  
Charles R Taylor A&P 3734996 IA

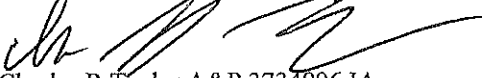
Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Engine Maintenance Entry**      **N3242Y**      **2/16/22**  
**TCM IO-470-F**      **S/N: 089949**      **Tach: 2.8 ETT:866.8**

Performed engine compression test 1) 26/80 2) 70/80 3) 70/80 4) 72/80 5) 54/80 6) 62/80. Timed magnetos to 22\* before TDC. Cleaned gapped and inspected spark plugs. Drained engine oil and inspected oil Screen Small metallic debris noted cleaned and reinstalled oil screen and serviced engine with 11qts AS 100W oil. OPS check all engine controls. Inspected filter housing IAW ICA 1-194 OK.

Performed Annual Inspection in accordance with TCM IO-470 Service Manual. Performed ground run and operational checks. No defects noted at this time.

I certify this Engine has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.


  
Charles R Taylor A&P 3734996 IA

Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Propeller Maintenance Entry**      **N3242Y**      **2/16/22**  
**McCaughey 2A34C66-P/A-5-9AT-8**      **S/N: 000049**      **Tach: 2.8 PTT: 866.8**

Removed Spinner and inspected for cracks and defects. Inspected Prop hub and blades for signs of leaking and cracks none found.

I certify this Propeller has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in an airworthy condition.

  
Charles R Taylor A&P 3734996 IA

Madison Air, 7450 Old Canton Rd., Madison, MS, 39110 (601) 853-1960

**Airframe Maintenance Entry**      **N3242Y**      **6/7/22**  
**Cessna 182E**      **S/N: 18254242**      **Tach: 003.2**

Removed and replaced 10-amp circuit breaker with P/N 1103924. OPS check good.

A&P 3841033 John Snazelle

