



# AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N71880

Aircraft Mfg. Cessna Model 182 M Serial No. 59790

Engine Mfg. CONT Model 0-470 R Serial No. 702570-9-R

Engine Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Propeller Mfg. Mae Model 2A34C201 Serial No. 691360

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

Propeller Mfg. \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Hub Design No. \_\_\_\_\_ Hub Serial No. \_\_\_\_\_

Blade Design No. \_\_\_\_\_ Blade Serial No's. \_\_\_\_\_

(All applicable information must be filled in)



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DA



Registration:	N71880	Model:	182M	Date:	7-30-2018
A/F S/N:	59790	TTAF:		Tach:	3007.6

Removed the existing engine heater system and all existing wiring. Installed a complete Tanis engine preheat kit P/N TSP6CLY-2927-115 Serial # 52903, PER STC# SE03309CH following the included instructions. Installed the kit with the included attaching hardware, harnesses, and adhesive. Operational check was satisfactory. No weight and balance change necessary due to the removed items matching weight.

Removed the original seat belt assemblies and attaching hardware. Installed Alpha Aviation Inc. Cessna Model C100-114IR Inertia Reel "Three Point Restraint System" PN 3052-3-181-2396 Black. In reference to STC# SA02211CH, with the included hardware and attaching instructions. No weight and balance change necessary due to the removed items matching weight. FAA form 337 submitted.

Removed unused wire harness and module from the instrument panel and Installed J.P. Instruments EDM 730 in reference to the included instructions and supplied hardware, harnesses, and sensors. Powered the unit with a 5-amp circuit breaker and mounted in the existing instrument panel cut out. Operational check and leak check was satisfactory. No weight and balance change necessary due to the removed items matching weight. FAA form 337 submitted.

The maintenance described above, has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler

A&P IA 2665413

N71880                      5-1-2019                      Airframe                      Cessna 182M  
 S/N 182-59790                      ACTT & Tach 3020.0  
 Engine TSMOH 118.35 in 6-2007                      Prop TSN 118.35 in 10-2007  
 Annual inspection completed and maintenance performed in accordance with FAR 43 Appendix D, referenced Cessna 182M maintenance manual and parts catalog, and TCM engine manual. C/W FAR 91.417 Para (A) (2) (V) Researched and verified AD notes thru issue 19-09. Checked aircraft for conformity with FAA Type Certificate. Checked all required placards and markings. Checked Equipment List, Weight & Balance record, A.F.M., Registration Certificate, and Airworthiness Certificate. Reviewed aircraft maintenance records. Inspected prop hub and inspected prop spinner. Cleaned and repacked all wheel bearings and inspected brakes. Serviced brake fluid reservoir. Washed and lubed landing gear system. (Continued)

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DATE

Aired up tires and checked gear oleo struts, torque link scissors and shimmy damper. Lubed and rotated flight control cable pulleys. Checked cable tensions, travels, and stops. Operational checked trim tab travels and found satisfactory. Service battery and checked lights. Cleaned main fuel screens and sumped fuel tanks. No fuel leaks. Inspected and ops checked ELT per FAR 91.207 Para (d) and found satisfactory. Replaced instrument air regulator filter (1) P/N B3-5-1. C/W AD 11-10-09 Seat Track Wear And Seat Pin Engagement by inspection per para (g). Replaced Copilot seat track (P/N MC0710618-6) and all rollers both seats (P/N SEAT-KT-2). C/W AD 76-07-12 Ignition Switches by inspection per para 1(a) (b) (c) (d). No defects noted. Replaced left fuel sender gasket (P/N 15-423). Replaced instrument air filter (P/N AAD9-14-5). Replaced nose tire (5.00-5 6 ply Airhawk) and tube. Static balanced and re-installed. (Continued)

Re-sealed nose gear, serviced with fresh MIL 5606 and nitrogen. Replaced door seals (P/N ADS-C1401). Re-sealed fuel selector with kit #FSO-KT-1. Replaced all strut cuffs. Replaced carpet with Airtex kit (Inv # 1968796). See AD list for one time and recurring AD's. "I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition at this time."

*[Signature]*  
 Brandon E. Blakney A&P 3228297 IA



Registration:	N71880	Model:	182M	Date:	7-26-2019
A/F S/N:	59790	TTAF:		Tach:	3025.4

Installed an overhauled alternator (DOFF10300JR Serial # H-T010996). Tensioned the belt and cleaned the airframe grounds. The maintenance described above, has been accomplished in accordance with current Federal Aviation Regulations and is approved for Return to Service.

Brian Butler *[Signature]* A&P IA 2665413

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK		
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**Reliable Aircraft Maintenance LLC**  
(405) 306-3494

Registration:	N71880	Model:	182M	Date:	5-18-2020
A/C S/N:	59790	TTAF:	3041.3	Hobbs/Tach:	3041.3

Complied with an Annual Inspection in reference to the manufactures service manual and required checklist. Checked all the flight controls for freedom of movement and security. Checked the cable tensions and lubricated all pivot points. Removed all the wheel assemblies, cleaned all wheel bearings, inspected, and packed with Aeroshell 5 grease. Serviced all tire pressures and installed the complete assembly. Checked the brake linings for serviceable wear and fluid leaks. Checked all internal and external lights, checked the stall warning and pitot heat for normal operation. Checked the ELT IAW FAR 91.207(d). C/W AD 11-10-09 seat track wear, pin engagement. No new AD's at this time.

- Repaired LH flap trailing edge cracks with a temporary repair.
- Cleaned, repacked LH brake caliper w/ new O-rings and fluid
- Replaced both main 6x6 main tires, tubes and serviced as needed
- New D cell batteries in ELT battery. (Due condition check annually)

I certify that the maintenance described above, has been accomplished in accordance with Annual inspection and was found to be in an Airworthy condition.

Brian Butler *BBC* A&P IA 266513

REG #	N71880	<b>LOGBOOK INSERT</b>	DATE	3/26/2021
MODEL	Cessna 182M		TACH	3060.6
SERIAL #	18259790		A/C TT	
			CYCLES	

1. Removed original tail position light assembly. Installed TSO'd uAvionix tail beacon P/N UAV-1002183-001 S/N 2017076 with ADSB-out and tail position light incorporated. Installation was made in accordance with the manufacture's installation instructions. Operational check completed and found good. Weight and balance negligible.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service with respect to the work performed at this time.  
 DATE 3/26/2021 SIGNED *Thomas W. Thunstrom* A/P 4768604481A  
 Thomas W. Thunstrom A/P 4768604481A

REG #	N71880	<b>LOGBOOK INSERT</b>	DATE	4/22/2021
MODEL	Cessna 182M		TACH	3062.5
SERIAL #	18259790		A/C TT	
			CYCLES	

1. Removed and replaced nose gear torque link bushings, bearings, bolts and nuts using McFarlane Aviation Kit P/N TL-KT-1.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service with respect to the work performed at this time.  
 DATE 4/22/2021 SIGNED *Thomas W. Thunstrom* A/P 4768604481A  
 Thomas W. Thunstrom A/P 4768604481A

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