

AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18281357

N# Change in 2017

~~*4721666*~~

RECORD NUMBER

1

N1224P

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2004				
08/26	4	5	ELT Battery date expires <u>May 2006</u> Key # <u>273</u> Airworthiness Directives comply through <u>2004-17</u>	
08/26	4	5	Aircraft Airworthy. Total Time in Service: <u>4.5</u> Total tach time: <u>4.5</u> Hobbs time: <u>5.4</u>	
08/26	4	5	The G1000 System Software installed in this aircraft is Cessna publication number <u>182T GSW00-00</u>	
08/26	4	5	This aircraft has been inspected and found in compliance with the requirements of FAR 21.153 and all regulatory changes. The Transponder S/N <u>81700330</u> was inspected and tested on <u>07/26/04</u> and is in compliance with the FAR 91.413. The Static Pressure System was inspected and tested on <u>07/26/04</u> . The ADC and Altimeter(s) have been inspected and tested and are in compliance with FAR 91.217 and 91.411 to an altitude of <u>20000</u> feet. ADC <u>47801381</u> Date <u>07/26/04</u> Altimeter(s) <u>1436787</u> Date <u>06/03/04</u> R <u>n/a</u> Date <u>n/a</u> ELT Checked and tested per FAR 91.207D. Standard Certificate of Airworthiness dated <u>08/26/04</u> has been issued by the undersigned.	
				<u>Shawn Corbett</u> ODARF100129CE



JETSUN AVIATION CENTRE / 5815 MITCHELL, Sioux City, IA 51111 CRS SG7R549J

N2166W

ACTT:54.9

December 1, 2004

Cessna 182T

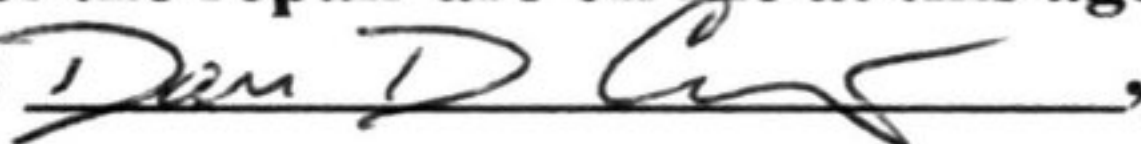
W.O# 13281

S/N: 18281357

Tach: 54.9

Removed tach generator cannon plug and installed a new one part number 6280-3SG-513 in accordance with Cessna Maintenance Manual.

The aircraft and or component above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under Work Order # 13281 Dated: December 1, 2004.

Signed: , **Inspector for JetSun Aviation Centre**



JETSUN AVIATION CENTRE / 5815 MITCHELL, Sioux City, IA 51111 CRS SG7R549J

N2166W

ACTT: 88.1

April 1, 2005

Cessna 182T

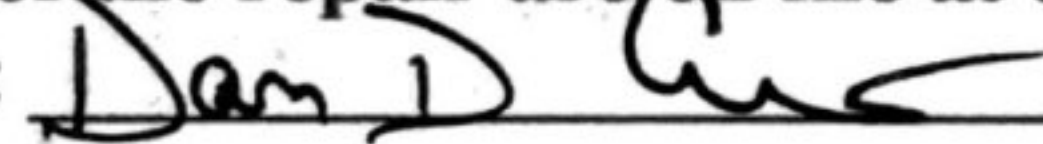
W.O# 13405

S/N: 18281357

Hobbs: 97.2

Removed upper nose strut barrel and installed a new O-ring. Serviced with nitrogen and leak checked good.

The aircraft and or component above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under Work Order # 13405 Dated: April 1, 2005.

Signed: , **Inspector for JetSun Aviation Centre**

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/6/05	Tech + Total 101.	4	Inspected and lubed all controls, cables, and pulleys. Serviced battery and cleaned fuel strainer. Inspected and packed wheel bearings, serviced brakes.	
			Tested ELT I/A/W FAR 91.209(d) - next battery replacement due May 06. Checked A.D.'s 2004-15-18, 2005-05-53 R1 C, and complied with A.D.	
			2005-13-10 - see master listing in aircraft records for recurring times and subject matter. Aircraft washed, ground run, and checked for	
			proper operation. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy	
			condition. <i>Danen Zanardi</i> A+P 513882407IA	

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N2166W Model: Cessna 182T

S/N: 18281357 TACH: 121.7

Date: 10-14-05

Complied with Cessna SB05-34-015A.

Complied with Cessna SB05-11-02.

Complied with Cessna SB05-34-07A.

Complied with Cessna SB05-53-02.

Complied with Cessna SB01-73-01.

No further action required.

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 4081.

Date: 10-14-05, Signed: [Signature] For,

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N2166W Model: Cessna 182T

S/N: 18281357 TACH: 121.7

Date: 10-14-05

Removed GMA 1347 PN: 011-00809-00 SN: 47100511 Installed GMA 1347 PN:011-00809-00 SN: 47105105

Loaded software IAW G1000 manual.

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 4081.

Date: 10-14-05, Signed: [Signature] For,

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111



JETSUN AVIATION CENTRE / 5815 MITCHELL, Sioux City, IA 51111 CRS SG7R549J

N2166W

Cessna 182T

S/N: 18281357

December 21, 2005

W.O# 13599

Hobbs: 130.7

Complied with Cessna S.B 05-34-10 "aft avionics and electrical wire bundle inspection" by securing wire bundle. Complied with Cessna S.B 04-25-02 "seat back cylinder lock" by installing a temporary steel lock rod.

The aircraft and or component above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under Work orders # 13599 Dated: December 21, 2005.

Signed: Don D. Cunniff, Inspector for JetSun Aviation Centre

Joe Feb 2008. C/W GARMIN 510 10/2/06
 Port Covers. Dan D Cms Jetsun Aviation W.O.# 13711.

MAINTENANCE RECORD

Note: Pitot-Static Xpdr Cert. due 7-06

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
10/2/06	Tach and Total 154.7 Hobbs: 173.9		Inspected and lubed all controls, cables, and pulleys. Cleaned fuel strainer and serviced battery. Inspected wheel bearings and brakes, inspected master cylinders I/A/W S.B. 06-32-01. Tested ELT I/A/W FAR 91.207(d) next battery replacement due: 2-08. Checked A.D.'s 84-26-02 (500 hrs), 2006-17-04 N/A by S/N. Aircraft washed, ground run, and checked for proper operation. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy condition. <u>Dan Zanardi</u> AIP 513083407 IA	

Airframe Log

Jetsun Aviation Centre
 Sioux Gateway Airport

DATE	REGISTRATION	MAKE/MODEL	S/N	HOBBS	ATT
10/2/2006	N2166W	CESSNA 182T	18281357	175.5	175.5

Complied with Cessna S.B 04-25-01R3 by installing kit p/n MK172-25-10B.

The aircraft and or component above was inspected in accordance with current Federal Aviation Administration Regulations and is approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under

Work Order # 13732. Dated: October 2, 2006.

Signed: Dan D Cms, Inspector for JetSun Aviation Centre, CRS# SG7R549J

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11/19/06	184	00	Installed new P.O.H Revision IAW Cessna	
			S.B 06-11-02.	
			David Cus CRS# SG7R5495	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
4/26/07	241	4	Cessna SB07-27-01 dated 3-12-07 Elevator Trim Tab Actuator Inspection Complied with by Insp. Found N/A by Date Code on Actuator. Complied with SB04-25-01 R4 by Performing "Conformity of Installation Inspection" No Defects Found SB07-25-01 is not applicable "Inflatable Seat Restraints" not installed. SB07-34-01 is N/A by S/N. Complied with SB06-24-05 Circuit Breaker Panel Assy Inspection per SB No Defects noted. Complied with SB06-24-04 Circuit Breaker Inspection Found to be not applicable by C/B Date codes. Complied with SB07-79-01 Engine Oil Press sw Replacement by Performing "Time in Service" Inspection Oil Press sw Time in Service is 241.4 Hrs Switch will be due Replacement at 3000 Hr Time in Service.	

Vincent C. DiCione Inspector for
JETSAN Aviation Centre
CRS # SG7R 5495 W.O. 13937

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11/3/07	Tach + TT 220.0	0	Inspected and lubed all controls, cables, and pulleys. Lubed flap jack screw and cleaned fuel strainer. Installed new battery: G2435, P/N 602292390. Jacked aircraft, inspected and packed all wheel bearings, and serviced brakes. Installed	
			new ELT Battery, P/N 30-006, and tested ELT I/A/W FAR 91.207(d) - next battery replacement due: 9-09. Checked all applicable airframe A.D.'s - 2007-05-10 is P/C/W, and 84-26-02 (air filter) is due by 500 hrs TT. See master listing in aircraft log	
			binder for recurring times and subject matter. Aircraft washed, ground run, and returned to service. I certify that this aircraft has been inspected I/A/W an annual inspection and was determined to be in airworthy condition. <i>Damen Zamudi</i>	513882407 IA

Landmark Aviation

Airframe Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	TACH	TOTAL TIME	REGISTRATION	SERIAL NUMBER
12-3-08	CESSNA/182T	225.1	225.1	N2166W	18281357

- Complied with an **Annual** Inspection in accordance with Cessna 182T M/M and FAR 43 Appendix D.
- C/W ELT Annual inspection IAW FAR 91.207d. No defects noted. Next inspection due 12-09. Battery due replacement by 9-2009.
- C/W AD 2008-05-09 (4-8-08) by installation of Mod Kit MK206-25-10-1 on Pilot and Co-Pilot seat Base/Back attach fitting IAW Cessna SB07-25-04. No further action required.
- C/W PFD & MFD Cooling Fan Inspection. No defects noted.
- C/W Essential & Crossfeed Diode Check IAW Cessna 182T M/M. No defects noted.
- C/W Annual Fire Extinguisher Weight Check. No defects noted.
- C/W Standby Battery Capacity Check. No defects noted.
- Replaced vacuum regulator filter with new P/N B3-5-1.
- C/W Cessna SB 08-28-01 by installing elevator cable guards P/N 0760026-2.
- C/W Cessna SB 07-77-01 by installing Tachometer sending unit Mod Kit MK206-77-01 using sending unit P/N1A3C-2, S/N A6562.
- Replaced oil pressure transducer with new P/N P165-5281, S/N 0008
- Ground run, operational and leak check ok.

I certify that this aircraft has been inspected in accordance with an **Annual** inspection, and has been determined to be in an airworthy condition. Pertinent details of the inspection are on file at this repair station under W.O. # 55234

Signed *Jerry Larsen*

Jerry Larsen

CRS # DDNR793K 3501 Aviation Ave. Sioux Falls, SD 57104

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2-18-10	385.5		INSPECTION. ANNUAL. IAW FAR 43 APPENDIX D Landed flight controls. Replaced Both main tires	
			Condon 600-6 x 6 p/y. C/N CASSNA S1309-32-02A by inspection of Brake lines for chafing. None noted. ELT inspected and tested	
			IAW FAR 91.207.D 1-4. BNT Replaced new data is Jan 2012 Ad 08-26-10 is NA.	
			I certify that this <u>Airplane</u> has been inspected in accordance with <u>ANNUAL</u> inspection was found to be in an airworthy condition.	
				By Hill 585093452 JA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2011				
4-7-11	453.0	1	Aircraft inspected for Annual PER FAR 43 Appendix D Lubrication Flight Controls, Check Fuel Systems, Lubrication Throttle Control, Install New Bell 24 volt Batt P/N G 2435 S/N 6026600 29	
			Volt. check AT 25.6 did NOT require change. EIT inspection 91-207 D.1-4 Batt done date Jan 2012	Per FAR
			Ads checked through 3-27-11 using Tdts. No ads clear	
			I certify that this <u>Aircraft</u> has been inspected in accordance with <u>ANNUAL</u> inspection was found to be in an airworthy condition.	
				585093459 in
9-16-2011	482.3		Removed ALT P/N 9910591-11 S/N A-175016. Installed ALT P/N 9910591-11RX S/N H-1081210, Overhauled by Houtwell Inc. Volt check 28.1	585093459 AB

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2012				
5-10 2012	505	.2	INSPECTION, AIRCRAFT INSPECTED FOR ANNUAL IAW FAR 43 PROBABLY AND CROSSER MAINTENANCE GUIDE. LOCAL FLIGHT CONTROLS, INSPECTED FUEL SYSTEMS.	
			INSTALLED NEW, LEFT BATT AND TESTED PER FAR 91.2021-1. NEW BATT DATE IS AUG 2014. REPLACED AIRCRAFT BATT INSTALLED NEW GILL 2435 15/11 60 2699957 BATT	
			CHANGED PER GILL INSTRUCTIONS, C/PY AD 84-26-02 BY REPLACING INJECTION AIR FILTER. NEXT DUE 500 HRS OR 1005.2 HRS. AD'S CHECKED THROUGH 5-1-2012. NOW DONE.	
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.	
				G. Hill 585053459 IA

MAINTENANCE RECORD

DATE 2013	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
6-11-13	526.5		AIRCRAFT INSPECTED IAW FAR 43 APPENDIX D AND CRSSA MAINTAIN GUIDE FOR ANNUAL. LUBED FLIGHT CONTROLS, CHECKED FUEL SCORING ELT INSPECTED AND TESTED PWR FOR 91.209 21-4. INSTALLED NEW CONCORD BATT P/M RG 24-11M S/N 40591926. AD ^S CURRENT THROUGH 6-2-2013 TDATA.	
			I certify that this <u>AIRCRAFT</u> has been inspected in accordance with <u>ANNUAL</u> .	
			inspection was found to be in an airworthy condition. JG Hill 585093459 1A	

Tail # N2166W

Champion Flyers – Shelby Co. Airport (KEET)

DATE: 07/18/2014 TACH: 524.4 HOBBS: 582.3 AFTT: 582.3

Check report of no start, following loud “pop”. Noted oil/grease slinging from #2 blade on Prop.

- Remove cowls for access to starter & starter gear.
- Remove propeller for repair/overhaul by South Coast Propeller. pair
- Replace defective Lamar starter(Pt off PM2401, S/N 85393905) w/new Sky-Tec LS-149-24, S/N FNE-181434
- Replace broken starter ring w/new SAP0811894.
- Update aircraft W&B & equipment list.
- Perform run-up. Ground ops OK. Reinstall cowls.

I certify this AIRCRAFT or COMPONENT has been repaired IAW applicable FAA and/or manufacturers technical information and the above repairs deemed airworthy at this time.

Kenneth D. Miller A&P 2733243



MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7-25-2014	583	.3	AIRCRAFT INSPECTED JAW FAR 43 APPENDIX 2 FCA ANNUAL Local Flight Controls. Replaced ELT Batt. New 12yr - data is Oct 2016. Tested & inspected ELT Per FAR 91.207(d) 1-4.	
			Checked Fuel Sensors. Added 717 TO NOSE 3Tnd. Ads Checked 4/10/14 using T Data Act 13-11-11- Oil Pressure Switch will be clin at 3000hrs.	
			I certify that this <u>AIRCRAFT</u> has been inspected in accordance with <u>ANNUAL</u> inspection was found to be in an airworthy condition.	
				585093457 JA
9-24-15	631	.28	Replaced oil Pressure switch P/N 83278 Leak check etc	585093457 AP
9-24-15	631	.28	Replaced both GE 4626 landing lights with Teledyne Alphasbeam LED lights, part # 2307055-1	Kim Konegoy 9-24-15

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7-22-16	689.1		inspection, Removed covers & Panels, inspected AIRCRAFT IAW FAR 43 Appendix D For Annual Lubed Flight Controls, Checked Fuel SCHEMANS,	
			Replaced BAT in ECT and Tested ECT PER FAR 91.207 D1-4 BAT Replacement date 15 Aug 2018.	
			Structural NOSH Start with N.T. Replace	
			VALVE CORK LEFT MAIN TANK. Ad's checked Thru 7-1-2016 using T Data None Dun.	
			I certify that this <u>AIRCRAFT</u>	
			has been inspected in accordance	
			with <u>ANMIM</u>	
			inspection was found to be in an	
			airworthy condition. <u>Bill 585093459</u>	<u>1A</u>
10-5-16	703.8		Replaced EST Probe No 4 E/L.	<u>Bill 585093459 AD</u>



Holder Aviation, Inc.
7300 Old Acton Road
Moody, AL 35004
CRS# 9HLR596B

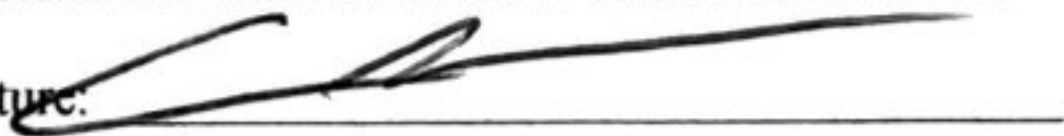
Reg. No.: **N2166W**
Model: 182T
W. O. No.: **17-0050**

Tach/Hobbs:
Serial No.: 18281357

Removed defective GRS 77 P/N 011-00868-00 S/N 47402335 and installed overhauled replacement P/N 011-00868-00 S/N 47405228. Performed ground test I A W Garmin Manual No. 190-00352-00 Rev. Q. No defects noted.

The aircraft or appliance (s) identified above was maintained and inspected in accordance with current F.A.A. Regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under the above referenced work order number.

Date: 4/21/2017

Signature: 



VAN BORTEL AIRCRAFT INCTM

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

N2166W TACH & TOTAL 690.6 H.M. 763.4 DATE 5/26/2017 W.O. SV5133

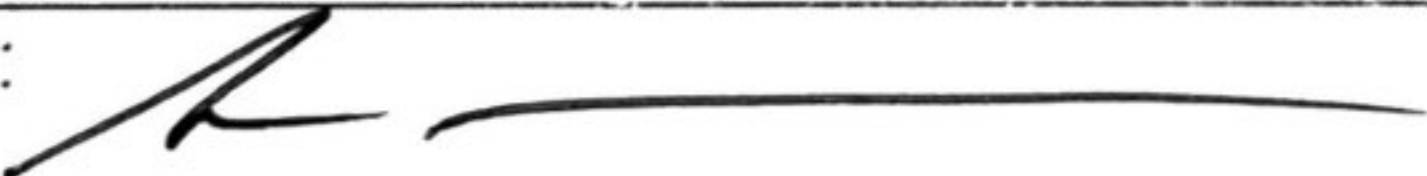
AIRCRAFT S/N: 18281357

PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20. COMPLETED THE ONE YEAR ESSENTIAL BUS DIODE TEST, STANDBY BATTERY CAPACITY TEST & RECHARGE AND AMSAFE RESTRAINTS DIAGNOSTIC TEST. COMPLETED THE TWO YEAR ACU OVERVOLT TEST. COMPLETED THE THREE YR./1000 HR. ELEVATOR TRIM ACTUATOR SERVICE. ELT INSPECTED AND TESTED PER FAR 91.207(d). ELT BATTERY EXPIRES 8/2018. REPLACED LEFT & RIGHT MAIN TIRES WITH NEW P/N: 606C61B1. CLEANED AND GREASED ALL WHEEL BEARINGS. REPLACED ALL BRAKE LININGS P/N: 066-10500. REPLACED LEFT MAIN LANDING GEAR FAIRING P/N: 0741639-15S. REMOVED PFD (GDU1040) P/N: 011-00972-00 S/N: 86500768 AND MFD (GDU1040) P/N: 011-00972-00 S/N: 86500756. INSTALLED GARMIN OVERHAULED UNITS P/N: 011-00972-00 PFD S/N: 86500715, MFD S/N: 86500707. UNITS CONFIGURED AND SOFTWARE LOADED. REPLACED LEFT & RIGHT WING FUEL QUANTITY PLACARDS P/N: S4004-2 AND GRADE PLACARDS P/N: S2608-1. REPLACED VACUUM CENTRAL FILTER P/N: AAD9-18-1 AND REGULATOR FILTER P/N: B3-5-1. REPLACED CABIN FIRE EXTINGUISHER WITH NEW P/N: C352TS S/N: D-00398784. COMPLIED WITH SB04-53-02 FIREWALL DOUBLER FLANGE MODIFICATION & SHOCK MOUNT INSPECTION, FOUND FLANGE PREVIOUSLY MODIFIED & CORRECT SHOCK MOUNT INSTALLED. COMPLIED WITH SB04-53-03 FORWARD DOOR POST BULKHEAD WASHER INSPECTION, FOUND REQUIRED WASHERS INSTALLED. COMPLIED WITH SB05-28-01 FUEL STRAINER GASKET INSPECTION, CORRECT GASKET (BLACK) IS INSTALLED. COMPLIED WITH SB06-24-01 ELECTRICAL GROUND STRAP INSPECTION, REPLACED STRAP P/N: 0412007-15 FROM FIREWALL TO ENGINE MOUNT. SB07-71-04 INCORRECT CYLINDER IN CYLINDER KITS DOES NOT APPLY, CYLINDER KIT(S) HAVE NOT BEEN INSTALLED. COMPLIED WITH SB09-25-01R1 CREW SEAT HEIGHT ADJUSTMENT NUT INSPECTION, FOUND PARTS TO BE PROPERLY MANUFACTURED. COMPLIED WITH SB09-24-03 ALTERNATOR RING TERMINAL INSPECTION, FOUND NO CRACKING OF TERMINAL. COMPLIED WITH SB09-34-09 GARMIN GDU104X CRS/BARO KNOB INSPECTION, FOUND NO INTERFERENCE BETWEEN KNOBS. COMPLIED WITH SEB-27-01R2 CONTROL COLUMN GLIDE SCREW REPLACEMENT, INSTALLED MS35265-48 SCREWS AND SAFETY WIRE PER SB INSTRUCTIONS IN BOTH CONTROL COLUMNS. SEB-24-02 LAMAR ELECTRICAL JUNCTION BOX MODIFICATION WILL BE REQUIRED UPON REPLACEMENT OF ALTERNATOR CONTACTOR WITH P/N: X61-0029. COMPLIED WITH **AD 2008-26-10C** BY INSPECTION OF ALTERNATE STATIC VALVE PER SB 08-34-02R1 AND FOUND STATIC PORT UNOBSTRUCTED. REPLACED OIL PRESSURE SWITCH WITH NEW P/N: 83278. NEXT SWITCH REPLACEMENT PER **AD 2013-11-11** IS DUE AT TOTAL TIME 3690.6. AD'S CHECKED THROUGH 2017-11.

THE ALTIMETER SYSTEM, ALTITUDE REPORTING EQUIPMENT AND TRANSPONDER HAVE BEEN INSPECTED AND TESTED AS REQUIRED BY FAR 91.217, 91.411 IN ACCORDANCE WITH FAR 43 APPENDIX "E" AND FAR 91.413 IN ACCORDANCE WITH FAR 43 APPENDIX "F". GDC-74A AIR DATA COMPUTER S/N: 176005167, ALTIMETER S/N: 436787 AND TRANSPONDER S/N: 89104104. ALTIMETERS TESTED TO 20K FT.

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, CHIEF INSPECTOR

MODEL:	Cessna C182T	DATE:	May 12, 2018
REGISTRATION:	N1224P	TACH:	0794.3
S/N:	18281357	TTSN:	0794.3
- I certify that I have performed an ANNUAL INSPECTION of this Airframe IAW 14 CFR 43 Appendix D and along with the use of the inspection guide provided in the appropriate manufacture maintenance manual and found it to be in AIRWORTHY condition at this time and ok for return to service I - Checked all AD's using the Avantext IA library rev 2018-09 - Replace ELT battery Checked ELT IAW 14 CFR 91.207 check OK Battery Due Aug 2020 - Replaced battery with new concord sealed RG24-11M - replace connector on oil pressure lead IAW SB - Replaced air inlet filter . filter is to be replaced every 3 years or 5 cleanings or 500 hours per Donaldson recommendations			
SIGNATURE: 		A&P Alan Walewski	AP3056984IA



FAA Certificated Repair Station FAA CRS O9QR162B
Cessna Factory Authorized Service Station
Airframe Logbook Entry

Registration #: N1224P

Aircraft Model: Cessna 182T

Aircraft Engine Time Reading: 813.4 hours

Date: September 26, 2018

Aircraft S/N: 18281357

Aircraft Hobbs Reading: 905.4 hours

Troubleshoot G1000 error message: "Traffic and weather inop" and found XM antenna was bad. Removed and replaced antenna P/N CI-2480-400 S/N 151336, in accordance with the Comant Industries, Inc Installation Instructions A248089. Performed successful ops check.

I certify that the work specified; except as otherwise specified, was carried out in accordance with FAA airworthiness regulations, and in respect to that work, the aircraft is considered ready for release to service.

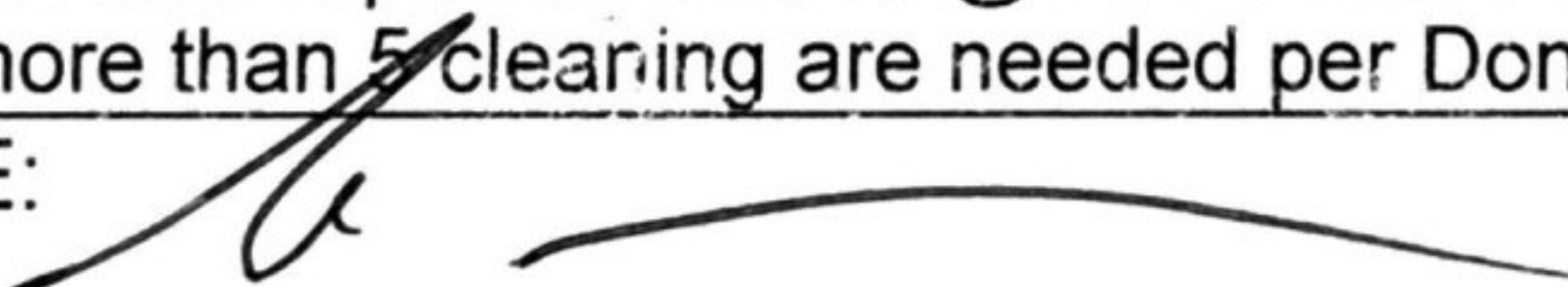
Pertinent details are on file at this repair station under repair station work order no. 2838.

Joseph Dougherty
Chief Inspector

September 26, 2018
FAA CRS O9QR162B

MODEL:	Cessna C182T	DATE:	June 07, 2019
REGISTRATION:	N1224P	TACH:	0848.3
S/N:	18281357	TTSN:	0848.3

- I certify that I have performed an **ANNUAL INSPECTION** of this **Airframe** IAW 14 CFR 43 Appendix D and along with the use of the inspection guide provided in the appropriate manufacture maintenance manual and found it to be in **AIRWORTHY** condition at this time and ok for return to service I
- Checked all AD's using the Avantext IA library rev 2019-11
- Replace ELT battery Checked ELT IAW 14 CFR 91.207 check OK Battery Due Aug 2020
- Air inlet filter replaced 5/2018 @ 794.3 hours due again @ 1294.3 Tach time or 5/2021 or if more than 5 cleaning are needed per Donaldson recommendation

SIGNATURE:		A&P Alan Walewski	AP3056984IA
------------	--	----------------------	-------------

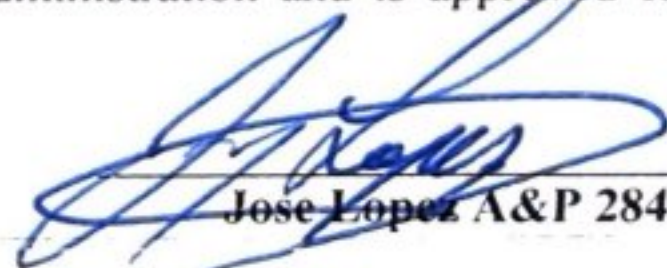
Aircraft Model: C182T
Aircraft Serial #: 18281357
Aircraft Registration: N1224P

Date: July 14, 2020
Aircraft Hobbs: 1015.4
Aircraft Total Time: 1015.4

AIRFRAME LOG ENTRY

1. Used T-Data AD Library to check AD's up to Revision 2020-13, no new AD's due at this time.
2. Complied with repetitive AD 2008-26-10 to prevent erroneous altimeter indication, and AD 2015-19-07 external fuel injection lines.
3. Tested ELT. in accordance with FAR 91.207(d), installed new battery P/N BP-1030, Battery due May. 2022.
4. Installed new air intake filter element Donaldson P/N P106150.
5. Removed, serviced, recharge, and reinstalled battery.
6. Replaced all muffler bolts and nuts.
7. Replaced Vacuum pump filter, installed P/N RA-B3-5-1.
8. Replaced instruments air filter, installed RA-D9-18-1.
9. Replaced left tire, installed new Aero Trainer 6.00-6.
10. Replaced nose tire, installed new Air Hawk 5.00-5.
11. Removed Propeller and send to Aviation propeller for repair, propeller was repaired under WO 45677A, reinstalled in aircraft and tested.

I certify that this Airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All maintenance performed on this Engine was conducted in accordance with Cessna Maintenance Manual, FAR 43 App. D and the current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Jose Lopez A&P 2846766 IA

Aircraft Model: C182T
Aircraft Serial #: 18281357
Aircraft Registration: N1224P

Date: May 10, 2021
Aircraft Hobbs: 1113.7
Aircraft Total Time: 1113.7

AIRFRAME LOG ENTRY

1. Used T-Data AD Library to check AD's up to Revision 2021-09, no new AD's due at this time.
2. Complied with repetitive AD 2008-26-10 to prevent erroneous altimeter indication, and AD 2015-19-07 external fuel injection lines.
3. Tested ELT. in accordance with FAR 91.207(d), installed new battery P/N BP-1030, Battery due May. 2022.
4. Installed new air intake filter element Donaldson P/N P106150.
5. Removed, serviced, recharge, and reinstalled battery.
6. Replaced Vacuum pump filter, installed P/N RA-B3-5-1.
7. Removed some surface corrosion from left wing.
8. Replaced right Aileron Bell crank nut P/N MS21042L4.
9. Replaced Both Flaps Bell crank nuts P/N MS21042L4.

I certify that this Airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All maintenance performed on this Engine was conducted in accordance with Cessna Maintenance Manual, FAR 43 App. D and the current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Jose Lopez A&P 2846766 IA

June 6, 2022 N1224P, C182T Ser.# 18281357

Engine Tach Time 1080.4, Hobbs Time 1205.4 A/C Total Time 1080.4

Open airframe, Inspect pulleys, cables, hinges, rod ends, bell cranks and lubricate
As needed. Repack wheel bearings. Replace LH and RH main tire and tubes. Install New
Donaldson Engine Air Induction Filter P/N P106150. Replace instrument vacuum filters P/N
RA-D9-18-1 and RA-B3-5-1. Install new ELT battery (exp. may 2024) and check ELT I/A/W
FAR91.207d. Ads checked thru ATP revision 06/06/2022.

I certify that this aircraft has been inspected in accordance with an annual inspection
As per title 14 CFR 43 appendix D and was determined to be in airworthy condition

Randall Pool A&P3455973 IA. *Randall Pool*

N1224P 182T
Aircraft S/N: 18281357
Date: 07-17-23



Tach/HM: 1137.6
Total Time: 1137.6
Work Order: 2711

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:

Annual inspection completed this date. Straighten bent pins in G1000 drive module plugin for #6 EGT indication. C/W FAR 91.207 (d) on ELT. Next due 07/24. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: Paul S. Kline
Paul S. Kline A&P 5719472173 IA

N1224P 182T
Aircraft S/N: 18281357
Date: 08-01-24



Tach/HM: 1152.0
Total Time: 1152.0
Work Order: 2994

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:

Annual inspection completed this date. Fuel strainer cleaned and reinstalled with new seal. Installed and tested new BP1030 ELT battery. Expires 9/26. C/W FAR 91.207 (d) on ELT. Next due 08/25. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: Paul S. Kline
Paul S. Kline A&P 5719472173 IA

TOT
IN S
HOUF

NI224P 182T
Aircraft S/N: 18281357
Date: 09-02-25



Tach/HM: 1163.2
Total Time: 1163.2
Work Order: 3318

SIGNATURE
TYPE
BER

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:

Annual inspection completed this date. Fuel strainer cleaned and reinstalled with new seal. C/W FAR 91.207 (d) on ELT. Next due 09/26. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline

Paul S. Kline A&P 5719472173 IA

Precision Static Testing Livermore, CA
FAA Certified Repair Station #QJAR856X
PHONE: (925) 449-5904

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 206 feet.

Time: 1163.2

W/O# 27222

N 1224P

Inspected by _____

Date 9/5/25

AIRCRAFT MAINTENANCE RECORDS

N 1224P

ENGINE

LOG BOOK



AIRCRAFT MAINTENANCE RECORD

Page 743

Date _____
 Total Time _____
 CARRIED FORWARD

DESCRIPTION OF WORK PERFORMED
 SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK

JB Aircraft Engines
 201 Challenger Dr
 Sebring, Florida 33870

3/10/2012 Shop Order 22-4456 (Major Engine Overhaul) Records TSMOH 30-00
 This 540-46338 S/N 1-29487-484 was disassembled, cleaned, inspected, repaired, overhauled and tested with reference to
 factory recommended procedures outlined in following Direct Drive Overhaul Manual A0294-7, Table of Limits SMP 175 and
 testing in accordance with 31.1477. Using the parts listed in this log entry. Details are on file at JB Aircraft Engine Service Inc
 Sebring, Florida Shop Order 22-4456. Engine overhaul parts were replaced as required in accordance with following MSB 2406
 Parts List: Crankshaft Assembly 13047028 S/N 5759310 S/N 670570 MSB 2406 and AD 2002-09-01 N/A inspected gear recess
 in accordance with MSB 75C. See 31.1477 main bearings, 2ea 31.1484 front main bearing all replaced in accordance with
 following MSB 2406. See rock inspected and installed with 22ea 31.75082 rod bolts & 12ea 31.136 rod nuts. 12ea 31.13571
 rod bearings in accordance with following 31.1484 & MSB 2406. See 19.0370 counter weights overhauled by Rick Dominici
 MSB 100 installed in accordance with following 31.0012 Group 3 Figure 2 using 2ea 73810 bushings, 2ea 76388 rollers, 2ea
 1W115M rollers, 2ea 31.14820 snap rings, 2ea 31.70007 plates using procedures outlined in following 31.1482, 1141 & 2406
 2406. Oil Pan & Oil Temp. See 31.0084 of oil spring, 2ea 31.0088 ball, 2ea 31.0013600 vernier stem installed 2ea MSB
 2406 and faced the vernier stem seat as required. Camshaft & lifters 12ea 15615M lifters, 12ea 31.78290 rod nuts &
 2ea 15940-2 camshaft now installed in accordance with following 31.0013, & MSB 2406. Crankshaft Gear installation - 1ea
 STD 2209 gear bolt installed in accordance with following MSB 75C and complied with ADs 2006-10-14, 2006-05-14 next due at
 any gear train repair or overhaul & MSB 2406. Ignition System, 12ea new 1965406 spark plugs installed, 2ea 856351 new
 magnets Shop Order 401 see 31.10-3, AD2009-12-06 complied with by replacement next due at 100 hrs, 2ea new harness
 magnet 843604, 2ea 67562 Magneto drive bearings, 2ea 31.1484 Magneto drive cushions, Fuel Mixture, 2ea 6115471 fuel
 pump N/A AD 96-28-09 by MFG, 2ea 2576544, 3 70584800 servo-overhaul 0401 complied with AD2012-12-06, 2009-02-03 see
 8130-1, 2ea 2576544, 1 0576244 Det overhaul 0401 237461, 2ea 8130-3, 2ea 2524864 2 hours cleaned and tested good, 12ea
 MSB 2310 75 clamps, MSB 2310 65 clamps & injection lines installed with MSB 2406 and AD2013-19-07 AD is next due at 100 hrs
 or annual. Cylinders, 6 ea 34060716 A20P S/Ns 3647600000005, 458, 458, 466, 467, 470 installed as required and ADs 2009-
 06-12/2007-04, 19/2006-12-07 are all new cylinders installed this date, 2ea 31.1484 Ignition pins installed this date, 2ea
 STD 2925 cover screws See 31.13790 rocker shafts, 12ea 31.12952 button, 12ea 76317 rocker pushing, Pins & Gaskets, 2ea
 31.71469 1 Major overhaul seal and gasket set, 2ea 31.710 1821 drain hose, 2ea 66603 hose engine, all seals and gaskets
 replaced in accordance with following MSB 2406, Chrome (Chrome is original to this engine repaired by Duce Inc. & 1ea
 AN515012520 set screw installed in accordance with following 31.1443, 2ea 0488103 oil filters (one cut after ground runs and
 no defects evident) & New Aero-Classic Oil Cooler was supplied & 05000640 S/N 057. The work listed was performed and
 inspected in accordance with current FAA regulations by

James N Brod Jr AEP 30360614

James N Brod Jr 3/3/2012

JB Aircraft Engines
 201 Challenger Dr
 Sebring, Florida 33870

3/3/2012 540-46338 S/N 1-29487-484 JBA 22-4456
 2017-16 11 8/15/2017 Rod Bushings, N/A affected rod bearings not installed at OMC
 2015-09-07 11/5/2015 Injector Fuel Lines, Lines installed with 105430 next due annual 100 hrs
 2012-09-01 10/24/2012 Crankshafts, affected shafts not installed S/N 814928
 2012-09-06 2/04/2012 Fuel servo diaphragms, N/A by lot number see 8130-5
 2009-26 12/24/2012 Cylinder assemblies, N/A affected cylinders not installed
 2009-02-05 2/05/2009 Fuel injection servos, N/A see 8130-5
 2007-04-1903 5/7/2007 SAP cylinder assemblies, N/A affected cylinders not installed
 2006-12-07 2/15/2006 KO cylinder assemblies, N/A affected cylinders not installed
 2005-19-11 10/21/2005 Crankshafts, N/A affected shafts not installed
 2005-12-06 7/24/2005 Reverted-impulse coupling, N/A by mag OMC see 8130-3
 2004-10-14 6/29/2004 Crankshaft gear, installed gear and bolt with MSB 75C
 2004-05-24 3/30/2004 Zinc plated Bolts, N/A affected bolt not installed
 2002-09-03 8/20/2002 Crankshaft, affected shaft not installed by S/N
 92-12-05 3/19/1992 Piston Pins, N/A affected pins not installed

James N Brod Jr AEP 30360614

James N Brod Jr 3/3/2012

END

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORDS

Owner _____

Aircraft Registration **N** N1224P

Manufacturer LYCOMING

Model IO-540-AB1AS

Serial No. L-29407

Position _____

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		

June 6, 2022 N1224P, Engine IO-540-AB1A5 Ser. No. L-29407-48A

Engine Tach Time 1080.4 TSMOH 00:00 Hobbs Time 1205.4

Engine was removed by third party for repairs. Engine was Overhauled by J.B. Aircraft Engine Service of Sebring Florida under Shop order no. 22-4456. Reinstall this engine on N1224P With New Lord Engine Mounts P/N J-9613-12. New Aero Classic Oil Cooler P/N 8001646 S/N497 Was installed. All Fuel and oil hoses replaced with Precision Hose Technology Inc. Kit CE 182TG1000. Fill with Phillips X/C 20W50 Oil. Starter, Alternator, vacuum pump, propeller governor and propeller were reinstalled as removed. Engine was ground run as per J.B. Engine Instructions no leaks noted. Remove oil filter and inspect for metal contamination, none found install new AA48110-2 oil filter, and ground run to check for leaks.

I certify that this engine has been inspected in accordance with an annual inspection As per Title 14 CFR43 appendix D and was determined to be in airworthy condition.

Randall Pool A&P 3455973 IA *Randall Pool*

N1224P IO-540-AB1A5
Engine S/N: L-29407-48A
Date: 06-24-22



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 1101.3
Total Time: 1101.3
Work Order: 2411

LOGBOOK ENTRY:

Change oil and filter. Old filter element inspected, no visible contamination. Removed and inspected oil suction screen. Reinstalled with new gasket. Service engine with 8 quarts of Phillips X/C 20W-50 oil. New AA48110-2 filter installed.

Signature: *Paul S. Kline*
Paul S. Kline A&P 571942173

N1224P IO-540-AB1A5
Engine S/N: L-29407-48A
Date: 07-17-23



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 1137.6
Total Time: 1137.6
TSO: 57.2
Work Order: 2711

LOGBOOK ENTRY:

Annual inspection completed this date. Compression test: #1-76, #2-74, #3-76, #4-78, #5-76, #6-76. Spark plugs serviced and reinstalled with new gaskets. Oil and filter changed Old filter element inspected for contamination, none found. Suction screen cleaned and reinstalled with new gasket. C/W AD 2015-19-07 (Fuel Lines) by inspection. Next inspection due 1237. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: *Paul S. Kline*
Paul S. Kline A&P 571942173 IA

SUB-TOTAL THIS PAGE

TOTAL - CARRY FORWARD TO NEXT PAGE

AIRCRAFT MAINTENANCE RECORD

Page No. _____

CA
FOR

N1224P IO-540-AB1A5
Engine S/N: L-29407-48A
Date: 08-01-24



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 1152.0
Total Time: 1152.0
TSO: 71.6
Work Order: 2994

LOGBOOK ENTRY:

Annual inspection completed this date. Compression test: #1-78, #2-79, #3-79, #4-78, #5-79, #6-78. Spark plugs serviced and reinstalled with new gaskets. Oil and filter changed. Old filter element inspected for contamination, none found. Suction screen cleaned and reinstalled with new gasket. Serviced engine with 8 qts Phillips X/C 20W-50 oil. New AA48110-2 filter installed. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline A&P 571942173 IA

N1224P IO-540-AB1A5
Engine S/N: L-29407-48A
Date: 09-02-25



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 1163.2
Total Time: 1163.2
TSO: 82.8
Work Order: 3318

LOGBOOK ENTRY:

Annual inspection completed this date. Compression test: #1-77, #2-78, #3-78, #4-77, #5-78, #6-77. Spark plugs serviced and reinstalled with new gaskets. Oil and filter changed. Old filter element inspected for contamination, none found. Suction screen cleaned and reinstalled with new gasket. Serviced engine with 8 qts Phillips X/C 20W-50 oil. New AA48110-2 filter installed. C/W AD 2015-19-07 (Fuel Lines) by inspection. Next inspection due 1273. I certify that this Engine has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline A&P 571942173 IA

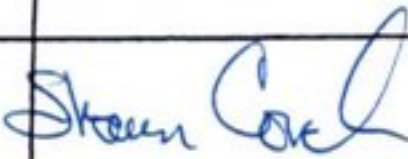
PROPELLER MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18281357 401224P as of 2013
712166W

PROPELLER MODEL AND SERIAL B3D36C431/80VSA-1

HUB SERIAL 030252 BLADE SERIALS YB26426, YB26427, YB26459

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
2004				
08/26	4	5	Propeller hub S/N <u>030252</u> , blade S/N <u>YB26426</u> , S/N <u>YB26427</u> and S/N <u>YB26459</u> has been installed on engine S/N <u>L-29407-48A</u> on aircraft <u>18281357</u> .	 ODARF100129CE
9/6/05	101.	4	Checked track, dressed blades, inspected spinner bulkhead.	Danen Janardi A+P 513882407IA
10/2/06	154.	7	Dressed blades, checked track, inspected bulkhead.	Danen Janardi A+P 513882407IA
11/3/07	220.	0	Dressed blades, checked track, inspected bulkhead.	Danen Janardi 513882407IA

Propeller Log

Landmark Aviation

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	TACH	PTT	REGISTRATION	SERIAL NUMBER
12-3-08	MCC/B3D36C431	225.1	225.1	N2166W	030252

- Complied with 100 hr inspection of Propeller in accordance with Cessna 182T M/M and FAR 43 Appendix D.

I certify that this Propeller has been inspected in accordance with a 100 hr inspection, and has been determined to be in an airworthy condition. Pertinent details of this inspection are on file at this Repair Station under W.O. # 55234

Signed

A handwritten signature in cursive script, appearing to read 'Jerry Larsen', written over a horizontal line.

Jerry Larsen

CRS # DDNR793K

3501 Aviation Av. Sioux Falls, SD 57104

MAINTENANCE RECORD

DATE 2011 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
4-7-11	452.1		inspected Propeller, Drivessal Small nuts, inspected Hub and Back Plate. I certify that this <u>Propeller</u> has been inspected in accordance with <u>ANM</u> inspection was found to be in an airworthy condition. <i>Og Hill</i>	585093459 IA
5-10 2012	505.2		inspected Propeller, Hub & Blades Spinner & Back Plate I AM ON ANNUAL inspection <i>Og Hill</i>	585093459 IA
6-11-13	526.5		C/W 100 h inspection of Propeller, hub, Blades, spinner AND Back-Plate <i>Og Hill</i>	585093459 AP
7/8/14	582.3		Remove prop for leak repair, #2 blade. Ken Miller	RP 2733243

Tail # N2166W

Champion Flyers – Shelby Co. Airport (KEFT)

DATE: 07/18/2014 TACH: 524.4 HOBBS: 582.3 AFTT: 582.3

Check report of no start, following loud "pop". Noted oil/grease slinging from #2 blade on Prop.

- Remove cowls for access to starter & starter gear.
- Remove propeller for repair/overhaul by South Coast Propeller. pair
- Replace defective Lamar starter(Pt off PM2401, S/N 85393905) w/new Sky-Tec LS-149-24, S/N FNE-181434
- Replace broken starter ring w/new SAP0811894.
- Update aircraft W&B & equipment list.
- Perform run-up. Ground ops OK. Reinstall cowls.

I certify this AIRCRAFT or COMPONENT has been repaired IAW applicable FAA and/or manufacturers technical information and the above repairs deemed airworthy at this time.

Kenneth D. Miller A&P 2733243



SOUTH COAST PROPELLER SERVICE, INC.

5750 DUROSE DRIVE, BESSEMER, AL 35022

205-426-7022

REPAIR STATION #S6PR302X

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, REPLATED & REPLACED WHERE REQUIRED. PROPELLER TRACKED, BALANCED, SET ANGLES, GREASED AND PAINTED.

COMPLIES WITH AD'S & SB'S LISTED ON 8130-3 FORM.

BLADE S/N#S INSTALLED ARE: YB26426, YB26427, YB26459

WORK ORDER # SR-9670

MODEL # B3D36C431-C

BLADE MODEL # H80VSA-1

HUB SERIAL # 030252

DATE 07/15/2014



JAMES M. GAITHER,
GENERAL MANAGER

MAINTENANCE RECORD

DATE 2011 19	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
7-25-14	583	3	I certify that this <u>Prop Lhr</u> has been inspected in accordance with <u>100h</u> Inspection was found to be in an airworthy condition.	<u>J. Hall</u> 585093459 AB
7-22-16	689.1		I certify that this <u>Prop Lhr</u> has been inspected in accordance with <u>100h</u> Inspection was found to be in an airworthy condition.	<u>J. Hall</u> 585093459 AB



VAN BORTEL AIRCRAFT INCTM

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

2166W TACH & TOTAL 690.6 H.M. 763.4 DATE 5/26/2017 W.O. SV5133

PROPELLER S/N: 030252

PERFORMED A 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20. AD'S CHECKED THROUGH 2017-11.

CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/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.

PARK, CHIEF INSPECTOR

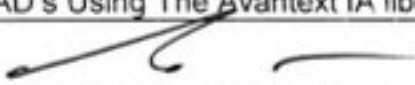
MODEL:	McCauley B3D36C431/80VSA-1	DATE:	May 12, 2018
REGISTRATION:	N1224P	TACH:	0794.3
S/N:	030252	TTSO-H:	0794.3

- I certify that I have performed an **ANNUAL INSPECTION** On **Propeller** IAW 14 CFR 43 Appendix D. and along with the appropriate inspection guide provided in the aircraft maintenance manual and have found it to be in **AIRWORTHY** condition and ok for return to service at this time
- Checked all AD's Using The Avantext IA library Rev 2018-09

SIGNATURE:

A&P Alan
Walewski

AP3056984IA

DATE		TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED		AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
19__		HOURS	10	MODEL:	McCauley B3D36C431/80VSA-1	DATE:	June 07, 2019
				REGISTRATION:	N1224P	TACH:	0848.3
				S/N:	030252	TTSOH:	0848.3
				- I certify that I have performed an ANNUAL INSPECTION On this Propeller IAW 14 CFR 43 Appendix D. and along with the appropriate inspection guide provided in the aircraft maintenance manual and have found it to be in AIRWORTHY condition and ok for return to service at this time - Checked all AD's Using The Avantext IA library Rev 2019-11			
				SIGNATURE: 		A&P Alan Walewski AP3056984IA	
				<i>Removed propeller @ this time 1015.4 hours</i> <i>on July 1st 2020 Bryan F. Shelton 2816624 AEP</i>			

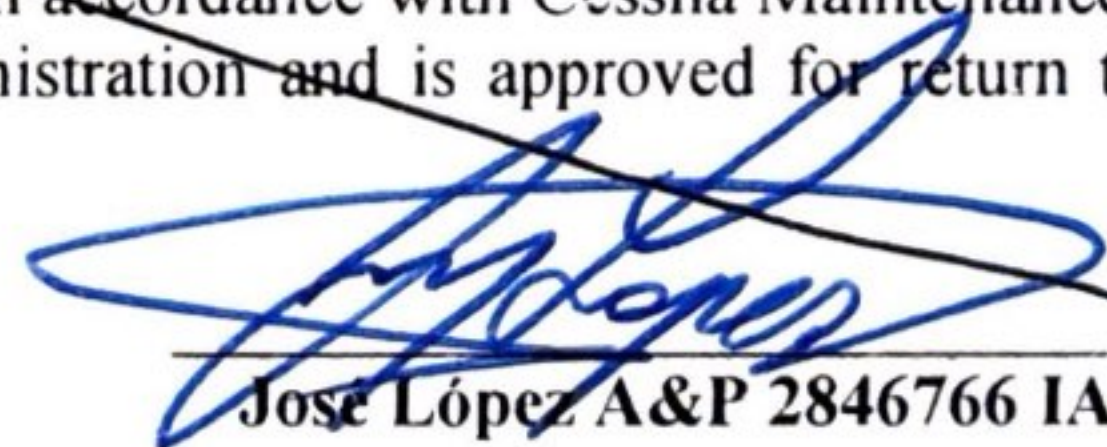
Aircraft Registration: N6366D
Propeller Model: McCauley B3D36C431/80VSA-1
Propeller Serial # 030252

Date: July 14, 2020
Aircraft Tach: 1015.4
Propeller Total Time: 1015.4
Propeller TTSOH: 433.0

PROPELLER LOG ENTRY

1. Removed Propeller and send to Aviation Propellers Inc. for repair, propeller was repair under WO 45677A, reinstalled in aircraft and tested, no leaks found.
2. Used T-Data AD Library to check AD's up to revision 2020-13, no new AD's due at this time.

I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All maintenance performed on this Propeller was conducted in accordance with Cessna Maintenance Manual, FAR 43 App. D and the current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



José López A&P 2846766 IA



AVIATION PROPELLERS, INC.

PROPELLER LOG BOOK ENTRY STICKER

JULY 14, 2020 PROPELLER SERIAL NUMBER 030252 WAS REPAIRED IAW McCAULEY MANUALS MPC400-R4 and SPM100-R7. AD NOTES: N/A. SERVICE BULLETINS: SB-119A C/W. PROPELLER WAS DISASSEMBLED, CLEANED, VISUALLY INSPECTED, RESEALED, REASSEMBLED, PRESSURE TESTED (NO LEAKS FOUND) AND ASSEMBLY WAS STATICALLY BALANCED. PROPELLER WAS SERVICED WITH AEROSHELL 15W RED DYED OIL AND SHIPPED ASSMEBLED WITH BULKHEAD INSTALLED. A COPY OF THE WORK ORDER, ORIGINAL FAA FORM 8130-3, AND PROPELLER LOG BOOK ENTRY STICKER ISSUED. PROPELLER MODEL NUMBER AND TIMES ARE:

PROPELLER MODEL NUMBER B3D36C431/G-80VSA-1: TTSN: 1015.4 TSO: 432.1 TSR: 0.0

Work accomplished by Aviation Propellers, Inc., 12970 Port Said Road, Opa-Locka, Florida, 33054, Repair Station ME4R359M, under API Work Order No. 45677A

Jason H. Gato
Chief Inspector

Aircraft Registration: N6366D

Date: May 10, 2021

Propeller Model: McCauley B3D36C431/80VSA-1

Aircraft Tach: 1113.7

Propeller Serial #: 030252

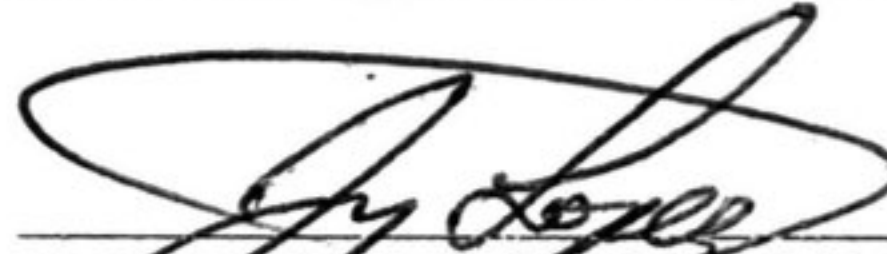
Propeller Total Time: 1113.7

Propeller TTSOH: 531.3

PROPELLER LOG ENTRY

1. Removed Propeller and send to Aviation Propellers Inc. for repair. propeller was repair under WO 45677A, reinstalled in aircraft and tested, no leaks found.
2. Used T-Data AD Library to check AD's up to revision 2021-09, no new AD's due at this time.

I certify that this Propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. All maintenance performed on this Propeller was conducted in accordance with Cessna Maintenance Manual, FAR 43 App. D and the current regulations of the Federal Aviation Administration and is approved for return to service with respect to the work performed.



Jose Lopez A&P 2846766 IA

June 6, 2022 N1224P Propeller McCauley B3D36C431/80VSA-1 Ser.No. 030252

Tach Time 1080.4 PTSN 1080.4

Reinstall Propeller on N1224P as was previously removed.

Propeller was inspected in accordance with an Annual Inspection

And was determined to be in airworthy condition.

Randall Pool A&P, IA 3455973 *Randall Pool*

N1224P Prop B3D36C431

Propeller S/N: 030252

Date: 07-17-23



700 Tioga Dr. Hgr #3 Modesto, CA 95354

(209) 524-1758

Tach/HM: 1137.6

Total Time: 1137.6

Work Order: 2711

LOGBOOK ENTRY:

I certify that this Propeller has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline

Paul S. Kline A&P 571942173 IA

N1224P Prop B3D36C431
Propeller S/N: 030252
Date: 08-01-24



Tach/HM: 1152.0
Total Time: 1152.0
Work Order: 2994

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:

I certify that this Propeller has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline A&P 571942173 IA

N1224P Prop B3D36C431
Propeller S/N: 030252
Date: 09-02-25



Tach/HM: 1163.2
Total Time: 1163.2
Work Order: 3318

700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

LOGBOOK ENTRY:

Installed new C-6359 front spinner support. I certify that this Propeller has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: _____

Paul S. Kline A&P 571942173 IA

AVIONICS MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18281357

N1224P as of 2018
N2166W

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
19				

Business Aviation

Airframe Log

Joe Foss Field
Sioux Falls SD



DATE	MAKE/MODEL	HOURL METER	TOTAL TIME	REGISTRATION	SERIAL NUMBER
10/25/04	CESSNA 182T	36.5	36.5	N2166W	18281357

Removed defective GIA63 unit #1 P/N 011-00781-00 S/N 46902243 and GIA63 unit #2 P/N 011-00781-00 S/N 46902264 and installed Garmin replacement units GIA63 unit #1 P/N 011-00781-00 S/N 46902887 and GIA63 unit #2 P/N 011-00781-00 S/N 46902894. Replacement units were ground tested IAW Garmin line maintenance procedure in G1000 Maintenance Manual P/N 190-00352-00 rev 2 dated 04/04, and found to work properly.

MAINTENANCE RELEASE: The aircraft and/or component identified were repaired/inspected in accordance with current federal aviation regulations and are approved for return to service. Details on file at this agency. W.O.# 24958

Signed

[Signature]
Jonathan T. Nadenicek

3501 Aviation Av. Sioux Falls, SD 57104
CRS # DDNR793K

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N2166W Model: Cessna 182T

S/N: 18281357 TACH: 99.1

Date: 04-07-05

Complied with Cessna SB05-34-01.

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 3974.

Date: 4-7-05, Signed: [Signature] For,

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N2166W Model: Cessna 182T

S/N: 18281357 Hobbs: 165 Date: 6-27-06

Complied with Garmin SB. 0522 by replacing fan covers on both GIA63 SN: 46902887 & SN: 46902894.

Complied with Cessna SB06-11-01 by updating Pilot's Operating Handbook.

Complied with Honeywell SB KS-271C-10 by replacing tach feedback in Roll Servo PN: 065-00179-0100 SN: 9141

Complied with Honeywell SB KS-270C-9 by replacing tach feedback in Pitch Servo PN: 065-00178-2200 SN: 7070

Complied with Garmin SB. 0533 by updating the IGRF.

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 4126.

Date: 6-27-06, Signed: [Signature] For,

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111

JETSUN AVIATION CENTRE / 5815 MITCHELL, SIOUX CITY, IA. 51111 CRS# SG7R549J

N2166W Model: Cessna 182T S/N: 18281357 Hobbs: 177.2 Date: 10-3-06

Removed Garmin GDC 74A PN: 011-00882-00 SN: 47801381

Installed overhaul warranty exchange PN: 011-00882-00 SN: 47805209

Certified the following components to 20,000 ft.

GDC 74A P/N: 011-00882-00 S/N: 47805209

GTX33

Stby. United Alt. S/N: 436787

MAINTENANCE RELEASE

The aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Administration Regulations and is Approved for return to service as airworthy. Pertinent details of the repair are on file at this agency under WORK ORDER 4296.

Date: 10-3-06, Signed: [Signature] For,

Jetsun Aviation Centre CRS#SG7R549J

Sioux City, IA 51111

ALTIMETER CERTIFICATION

Altimeter, Transponder, and Altitude Reporting
Equipment tested in compliance with FAR 91.411,
FAR 91.413, Part 43, Appendix E, and Part 43,
Appendix F. Static System certified per FAR 23.1325.
All systems meet requirements. This data filed with
Work Order # 4296 at Repair Station
#SG7R549J

10-3-06
Date

[Signature]
Signature

—
3NA
TYI
:R
—

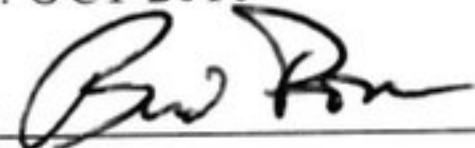
DATE	MAKE/MODEL	HOUR METER	TOTAL TIME	REGISTRATION	SERIAL NUMBER
10-15-08	CESSNA 182T	258.9		N2166W	18281357

I certify that the altimeter(s), alt. reporting and
Static system test required by FAR Part 91.411
Have been performed. The altimeter(s) have
Been tested to
No. 1 20,000 feet on 10-15-08
No. 2 20,000
Next Due: OCT 2010

The Transponder(s) identified below have been
inspected and meet all requirements contained
in FAR 91.413 and FAR 43 Appendix F.

Model GTX33 S/N 89104104

Inspector



Date Oct 15, 2008

WO# 28498

Brad Ross
Sioux Falls, South Dakota

Certified Repair Station No. DDNR793K

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and inspected in accordance with
current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.# 28498

Signed



CRS # DDNR793K

3501 Aviation Av. Sioux falls, SD 57104

Airframe Log

Landmark Aviation

Joe Foss Field

Sioux Falls SD



DATE	MAKE/MODEL	HOUR METER	TACH	REGISTRATION	SERIAL NUMBER
10/14/08	CESSNA182T	258.9	225.1	N2166W	18281357

Service Bulletin SB08-34-04 Garmin GDC-74A Inspection/Replacement: Complied with service bulletin. Inspected the GDC74A and found that it was within the affected range. Removed PN 011-00882-00 SN 47805209 and installed Garmin Overhauled unit PN 011-00882-01 SN 176005167. (see 8130-3 SO# 792361) The GDC74A was installed IAW this bulletin and The G1000 NavIII Line maintenance manual and op checks good on ground.

Service Bulletin SB07-34-08 Garmin GTX33 inspection/replacement: C/W service bulletin. Inspected the GTX33 and found that it was within the affected range. Removed PN 011-00779-00 SN 84700330 and installed Garmin Overhauled GTX33 PN 011-00779-10 SN 89104104 (see 8130-3 SO# 821277) The GTX33 was installed IAW this bulletin and the Garmin G1000 NavIII Line Maintenance Manual and op checked good on ground.

Service Bulletin SB07-34-02 G1000 Software upgrade to Version 563.03: C/W service bulletin. Upgraded software to version 563.03 IAW this bulletin and the G1000 NavIII Line Maintenance Manual. The G1000 op checks OK on ground.

Service Bulletin SB08-34-02 Alternate Static Valve Inspection: C/W service bulletin. Inspected alternate static selector valve and verified that the part number placard is not covering the static port, ops check OK.

Service Bulletin SB07-34-06 Garmin GRS77 Inspection: C/W service bulletin. GRS77 SN is 47402335 and not within the affected range.

MAINTENANCE RELEASE: The aircraft and/or component identified was repaired and inspected in accordance with current federal aviation regulations and is approved for return to service. Details on file at this agency. W.O.# 28498

Signed

Michael Lomax

CRS # DDNR793K

3501 Aviation Av. Sioux falls, SD 57104

MAKE: Cessna
MODEL: 182T
S/N: 18281357
REG. NO: N2166W
WORK ORDER:
1907-11-2012

Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 12/14/2012
A/C TSN:
HOBBS: 523

Avionics Entries

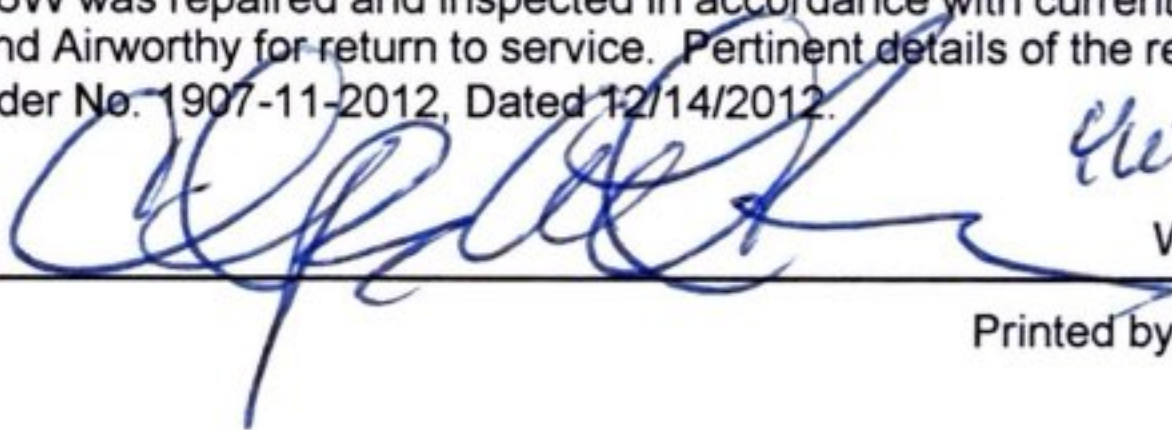
Complied with Cessna Single Engine Service Bulletin SEB-34-03 "Navigation-Garmin G1000 System Software Upgrade to Version 0563.26 for Airplanes Equipped with NAV III (Non-WAAS installations only)" Configuration files: Cessna 182T 006-B053-26 Full Configuration (Non-WAAS), Cessna NAV III KAP 140 Installation Option, Cessna NAV III (Pre 2007 Model Year Airplanes) Comant CI 2480-400 Antenna Configuration...Installed customer provided GDL 69A p/n: 011-00987-00 s/n: 47754143 sw version 4.01 repaired under Garmin AT, Inc. See associated 8130-3 tracking number: RMA663436 signed and dated 10/02/2012 by Steven Gene Fetters. All tests good. Work performed in accordance with G1000 flight line maintenance manual.

Maintenance Release

The aircraft and/or component(s) on N2166W was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 1907-11-2012, Dated 12/14/2012.

DATE: 12/14/2012

SIGNED:



Work Order: 1907-11-2012

YUTR674Y

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MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE CERTIFICATE T & NUMBER
	HOURS	10ths		
Oct 16th 2014	HOBBS 586.8		Removed GEA 71 PIN: 011-00831-00 SW: 46701821 and Vol. 1 Installed GEA 71 PIN: 011-00831-00 SW: 46711238 and Vol. 2 Reconfigured SW & Config files from Garmin SW/Config loader Load for 0563.26 G1000 System SW. Checked good per Garmin info manual. G1000 flight	 CRS# YUTR674Y
CONT.			SEE ASSOCIATED 8130-3 from Garmin dated 10 Sept. 2014	CONT.

All items identified by this tag must be accounted for in the maintenance record.
☒ Approved design data
☐ Non-approved design data
 13b. Authorized

MAKE: Cessna
MODEL: 182T
S/N: 18281357
REG. NO: N2166W
WORK ORDER:
2417-11-2014



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 12/19/2014
A/C TSN:
HOBBS: 603.9

Avionics Entries

Removed Garmin GDL69A p/n: 011-00987-00 s/n: 47754143 ID# A5RCT04N (Data) R2KDT0R2 (Audio) and installed Garmin GDL69A p/n: 011-00987-00 s/n: 47767255 ID# ZG13Y04G (Data) 7JL3Y04W (Audio). All work was performed in accordance with Garmin G1000 NAV III Line Maintenance Manual 190-00352-00. Reactivated the XM receiver radio IDs in accordance with Garmin GDL69A XM Satellite Radio Activation Procedures 190-00355-04. All tests good at this time. See associated 8130-3 from Garmin International, Inc. FAA CRS G6XR582Y signed and dated on Oct 24th, 2014.

Maintenance Release

The aircraft and/or component(s) on N2166W was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2417-11-2014, Dated 12/19/2014.

DATE: 12/19/2014

SIGNED:

YUTR674Y
Work Order: 2417-11-2014

Printed by EBis 3 (datcomedia.com)

MAKE: Cessna
MODEL: 182T
S/N: 18281357
REG. NO: N2166W
WORK ORDER:
2763-02-2016



Yulista Aviation

190 Bolling Road
Meridianville, Alabama 35759
Phone: (256) 828-9286

DATE: 2/19/2016
A/C TSN:
HOBBS: 662.1

Airframe Entries

Removed existing G1000 standby battery p/n: AVT-200413 s/n: 0097, installed new p/n S4236-7 s/n 15K386 battery, and tested IAW Model 182 Maintenance Manual (Rev 18) 24-30-10 (Rev 17) Standby Battery - Maintenance Practices (airplane with Garmin G1000). Operational check is good.

Maintenance Release

The aircraft and/or component(s) on N2166W was repaired and inspected in accordance with 14 CFR of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station YUTR674Y under Work Order No. 2763-02-2016, Dated 2/19/2016.

DATE: 2/19/2016

SIGNED:

Work Order: 2763-02-2016

Printed by EBis 3 (datcomedia.com)

Make: **CESSNA**
Model: **182T**
Serial No.: **18281357**



Log Book Entry

Reg. No.: **N1224P**
Date: **January 19, 2018**
W/O No.: **40485**
Page: **1** of **1**

Hobbs : **835.0** Ldgs:

Description of Work Accomplished

- **Removed XM Weather Receiver GDL 69A, P/N 011-00987-00, S/N 47767255 and installed GDL 69 S/N 47755068 that was overhauled by Garmin CRS# G6XR582Y. Loaded software and operation checks good. All reference Garmin G1000 NAV III Line Maintenance Manual Document No. 190-00352-00, Rev V, dated December 2016.**

Approval for Return to Service

The article(s) identified above was repaired and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under this work order.

Authorized Signature,

Paul M Krug, Inspector

FAA Certificated Repair Station WD4R618M

5360 NW 20th Terrace Fort Lauderdale, Florida 33309

Phone 954 492 3561 Fax 954 491 6958

LOGBOOK ENTRY: C-182 N1224P A/C TT: 999.8
THE STATIC PRESSURE SYSTEM, TRANSPONDER WITH ALTITUDE REPORTING WAS IDENTIFIED
TESTED AND INSPECTED I/A/W FAR43 APPENDIX E, PAR A & C, APPENDIX F (FAR91.413)
AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THIS TEST IS ON FILE
AT THIS REPAIR STATION UNDER W.O. 51421C DATE MAY 14, 2021

SIGNATURE Mark B. Alvarado INSP. MBA

TROPIC RADIO INC. 2695 N.W. 56th ST. HANGER 53-A
FT. LAUDERDALE FL. 33309 FAA APPROVED REPAIR STATION # RZ4R510M
FT. LAUDERDALE EXECUTIVE AIRPORT * ARCHER RAMP *
TELEPHONE # 954-776-4030 WWW.TROPICRADIO.COM

GTX 33 S/N 84700330

A/C FOUND MEETS FAR 91.411, 91.413 Satisfactory

CERTIFICATION EXPIRES ON MAY 31, 2023



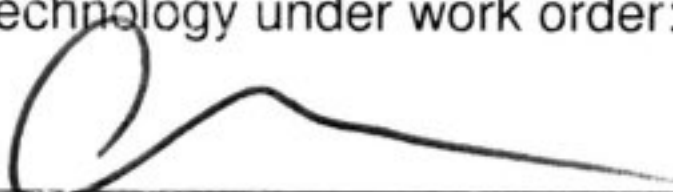
Transierra Technology · 4130 Aviation Dr · Madera, California 93637 · 559-675-8320 · CRS#: DD3R445L

N1224P**CESSNA, 182T, S/N: 18281357****June 22, 2023**

HOBBS: 1273.6

1. Removed Garmin GTX 33 transponder P/N 011-00779-10, S/N 89104104.
2. Rewired existing equipment.
3. Installed Garmin GTX 345R transponder P/N 011-03303-41 S/N 3EH440656 in accordance with Garmin GTX 3XX install manual 190-00734-10, Rev 16 per Garmin STC SA01714WI, Rev 6. Installed Garmin GA35 GPS antenna P/N 013-00235-00, S/N 224727 in accordance with Garmin Antenna Install Manual 190-00569-00 per Garmin STC SA02018SE-D. See Form 337 this date for additional details.
4. Performed pitot/static/transponder/encoder system test to find it meets all FARs 91.411, FARs 91.413 CFR appendixes E and F. Aircraft certified to 20,000Ft, Aircraft system meets all FAA requirements. Results on file CRS DD3R445L. Aircraft Tested with Laversab 6250 Rev A SN:86280 and IFR 6000 SN: 104001361.
5. Repaired static system leaks as necessary.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Transierra Technology under work order: 16172.

Chris Tharp CRS DD3R445L 



Transierra Technology · 4130 Aviation Dr · Madera, California 93637 · 559-675-8320 · CRS#: DD3R445L

N1224P

CESSNA, 182T, S/N: 18281357

June 21, 2023

1. Removed Garmin GTX 33 transponder P/N 011-00779-10, S/N 89104104.
2. Rewired existing equipment.
3. Installed Garmin GTX 345R transponder P/N 011-03303-41 S/N 3EH440656 in accordance with Garmin GTX 3XX install manual 190-00734-10, Rev 16 per Garmin STC SA01714WI, Rev 6. Installed Garmin GA35 GPS antenna P/N 013-00235-00, S/N 224727 in accordance with Garmin Antenna Install Manual 190-00569-00 per Garmin STC SA02018SE-D. See Form 337 this date for additional details.
4. Performed pitot/static/transponder/encoder system test to find it meets all FARs 91.411, FARs 91.413 CFR appendixes E and F. Aircraft certified to 20,000Ft, Aircraft system meets all FAA requirements. Results on file CRS DD3R445L. Aircraft Tested with Laversab 6250 Rev A SN:86280 and IFR 6000 SN: 104001361.
5. Repaired static system leaks as necessary.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Transierra Technology under work order: 16172.

Chris Tharp CRS DD3R445L _____

Transierra Technology

4130 Aviation Dr
Madera, California 93637
Chris Sharp • chris_sharp@sbcglobal.net • 559-675-8320
CRS#: DD3R445L

Invoice

Work Order: 16172

Date: June 20, 2023
GTX 345R w/ WAAS Install

AIRCRAFT

N1224P

CESSNA 182T S/N: 18281357

BILL TO

M3 WEST INC
6303 BECKWITH RD
MODESTO, CA 95358-8925

1. Customer requests GTX 345R w/ WAAS transponder installation

- 1-1 Corrective Action
Removed Garmin GTX 33 transponder P/N 011-00779-10, S/N 89104104.
-- labor:
- 1-2 Corrective Action
Rewired existing equipment.
-- labor:
- 1-3 Corrective Action
Installed Garmin GTX 345R transponder P/N 011-03303-40 S/N 3EG043586 in accordance with Garmin GTX 3XX install manual 190-00734-10, Rev 16 per Garmin STC SA01714WI, Rev 6. Installed Garmin GA35 GPS antenna P/N 013-00235-00, S/N 224727 in accordance with Garmin Antenna Install Manual 190-00569-00 per Garmin STC SA02018SE-D. See Form 337 this date for additional details.
-- labor: 30.0 hrs @ \$130.00

Parts Installed:

- 1 x 010-01217-48 GTX 345R w/ WAAS for G1000 with installation kit @ \$6,225.00T
- 1 x 013-00235-00 WAAS ANTENNA, GA35, WHITE @ \$370.00T

labor: \$3,900.00 • parts: \$6,595.00 • misc: \$0.00 • sub-total: \$10,495.00

2. Comply with Pitot Static, Transponder system inspection

- 2-1 Corrective Action
Performed pitot/static/transponder/encoder system test to find it meets all FARs 91.411, FARs 91.413 CFR appendixes E and F. Aircraft certified to 20,000Ft, Aircraft system meets all FAA requirements. Results on file CRS DD3R445L. Aircraft Tested with Laversab 6250 Rev A SN:86280 and IFR 6000 SN: 104001361.
-- labor: 1.0 hrs @ \$350.00

labor: \$350.00 • parts: \$0.00 • misc: \$0.00 • sub-total: \$350.00

3. Static system leaks in excess of maximum

- 3-1 Corrective Action
Repaired static system leaks as necessary
-- labor: 1.0 hrs @ \$130.00

labor: \$130.00 • parts: \$0.00 • misc: \$0.00 • sub-total: \$130.00

Miscellaneous

Deposit paid 6/29/2022 @ \$-6,595.00

EQUIPMENT CHANGE - WEIGHT & BALANCE			
REG. NO.	MODEL	Serial No.	
N2116W	182T	18281357	
Items: (Description / P/N / S/N)	Weight Pounds	Arm Inches	Moments Inch/Pounds
Previous Aircraft Empty Weight:	1982.1	38.31	75927
Lamar Starter Remove, (PM-2401, S/N 85393905)	-18	41	-738
Sky-Tec 149-NL/28 (S/N FNE181434)	9.3	41	381.3
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
			0
Totals	1973.4		75570.3
A. Old Empty Weight	1982.1	Pounds	
B. Old Empty CG	38.31	Inches	
C. Old Empty Weight CG Moment	75927	Inch/Pounds	
D. Max Gross Weight	3110	Pounds	
E. Old Useful Load	1127.9	Pounds	
A. New Empty Weight	1973.4	Pounds	
B. New Empty CG	38.29	Inches	
C. New Empty Weight CG Moment	75570.3	Inch/Pounds	
D. Max Gross Weight	3110	Pounds	
E. New Useful Load	1136.6	Pounds	
This new weight & balance information superseads all previous weight and balance data. For aircraft loading, see instructions in Weight & Balance Section of Aircraft Flight Manual.			
FAA Form 337 Completed?	Y N		
Equipment List Amended?	Y N		
By: Ken Miller RHP 2733243	Date:	07/18/14	
Notes:			

Champion Flyers
Shelby County Airport(KEET)
265A Weathervane Rd.
Calera, AL. 35040