Cessna
A Textron Company

AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION T18208187 4153098

RECORD NUMBER 1

D5517-2-13

This record should be
Federal Aviation Regul
ing government regulat

Note: Record Service E
this record as well
Maintenance Record.

UNITED INSTRUMENTS, INC.

ALTIMETER SER. NO. 409896

SCALE CORRECTIONS

Alt. Reads	Add Algebraically Room Temp. °C	Add Algebraically Low Temp. °C
-1000	-5	
0	-10	
500	-15	
1000	-5	
1500	-10	
2000	0	
3000	-10	
4000	-10	
6000	-20	
8000	-25	
10000	-30	
12000	-30	
14000	-15	
16000	-20	
18000	-20	
20000	-20	
22000	-10	

Alt. Reads	Add Algebraically Room Temp. °C	Add Algebraically Low Temp. °C
25000	-5	
30000	-20	
35000	+15	
40000		
45000		
50000		

DATE: 7/25/02 TESTED BY: SM INSPECTED BY: MD

Form No. 0017

Copyright © 1988

MAINTENANCE RECORD

DATE 2003	TOTAL TIME IN SERVICE HOURS	10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2/26	3	1	ELT Battery date expires Oct 2004 Key # 223 AD's comply through 2003-05	
2/26	3	1	Aircraft aw'd. Total Time in Service: 3.1 Total tach time: 4.8 Hobbs time: 6.4	
2/26	3	1	This aircraft has been inspected and found in compliance with the requirements of FAR 21.183 and all mandatory changes. The Transponder S/N 15503 was inspected and tested on 01/09/03 and is in compliance with FAR 91.413. ~~The Static Pressure System was inspected and tested on~~ 01/09/03 The Altimeter(s) have been inspected and tested and are in compliance with FAR 91.217 and 91.411 to an altitude of 35000 feet. L. 409896 Date 07/25/02 R. n/a Date n/a. ELT Certified and tested per FAR 91.207D. Standard Certificate of Airworthiness dated 02/26/03 has been issued by the undersigned.	FAA APPROVED UNDER FAR 21 SUBPART J The Cessna Aircraft Co. Delegation Option Authorization DOA-100129-CE Executive Engineer By Mike Sharp Mike Sharp

Date 2/26/03
This aircraft has had a tachometer replacement one or more hours prior to receiving airworthiness certification

0.5	Tach Time (current indicated)
4.8	Total time on Airframe (TTAF)
4.3	TTAF Before Current Tach Installed
0	Indicated Time of Current Tach Installation

SE 197R799N 16

MAINTENANCE RECORD

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

Cessna Single Engine Facility

One Cessna Boulevard • Independence, KS 67301 • Repair Station I97R796N

Cessna
A Textron Company

Date: 26-Feb-2003 **Aircraft Serial: T18208187** **Registration: N53098**
Service Order: 2-2247 **Tach: 1.1** **Hobbs: 7.1**

Airframe Log Entry

- [ITEM 1]- Replaced KLN 94 GPS with new unit. (Component replacement: Removed P/N 069-01034-0101, S/N 6040 and installed P/N 069-01034-0101, S/N 6021.)
- [ITEM 2]- Removed and replaced alternator capacitor with new part, P/N S1915-2
- [ITEM 3]- Removed and replaced mic-jack with new part, P/N S1612-1.
- [ITEM 4]- Re-swung mag compass and installed new compass cards. • ~~END OF ENTRY~~

The aircraft, airframe and or appliance identified was inspected and repaired in accordance with current regulations of the Federal Aviation Administration and is approved for RETURN TO SERVICE. Pertinent details of the repair/inspection are on file at the repair station. S/O: 2-2247. Repair Station: I97R796N.

SE I97R796N 16

Inspector Signature and Stamp

MAINTENANCE RECORD

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

SUNSHINE AIRCRAFT REPAIR, INC.
10460 52nd STREET
KENOSHA, WI 53144

N#: N53908 MAKE: CESSNA T182 S/N: T18208187
Date: 03-11-2003 TR: 4.8 TTA: 9.1

****AIRFRAME LOG****

INSTALLED TANIS ENGINE HEATER MODEL TAS100O5SP & 6 TAS104 CYLINDER ELEMENT...END...

HOWARD W. SIEDLECKI
AP2111293IA

SUNSHINE AIRCRAFT REPAIR, INC.
10460 52nd STREET
KENOSHA, WI 53144

N#: N53098 MAKE: CESSNA T182 S/N: T18208187
Date: 06-16-2003 TR: 89.5 TTA: 93.8

****AIRFRAME LOG****

INSTALLED INSIGHT INSTRUMENT GEM 610, S/N 2727 APPROVED UNDER STC # SA157NE (SEE FAA FORM 337 THIS DATE). REVISED WEIGHT AND BALANCE...END...

HOWARD W. SIEDLECKI
AP2111293IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			SUNSHINE AIRCRAFT REPAIR, INC. 10460 52nd STREET KENOSHA, WI 53144 N#: N53098 MAKE: CESSNA T182 S/N: T18208187 Date: 07-18-2003 TR: 125.5 TTA: 129.8 ***AIRFRAME LOG*** *C/W FAR 91.207(d) BY TEST AND INSPECTION OF ELT. ELT BATTERY REPLACEMENT DATE: 10/04. C/W AD2002-26-01 BY INSPECTION OF FUEL LINES AND CLAMPS. SERVICED BATTERY, BRAKES, TIRES, NOSE STRUT, TORQUE LINKS, BRAKE RESEVOIR, FUEL STRAINER BOWL, CHECKED FUEL SUMPS FOR CONTAMINATION. AD STATUS CHECKED THRU 03-13 AS PER LIST IN AIRCRAFT PAPERWORK...END...*	SUNSHINE AIRCRAFT REPAIR INC. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION. HOWARD W. SIEDLECKI AP2111293IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			SUNSHINE AIRCRAFT REPAIR, INC 10460 52ND STREET KENOSHA,WI. 53144 262-656-7051 HANGER--708-379-7177 PAGER N#: N53098 MAKE: CESSNA T182 S/N: T18208187 Date: 01-26-2004 TR: 199.9 TTA: 204.2 ***AIRFRAME LOG*** *C/W SB03-27-02 BY REPLACING FLAP CONTROL BRACKET ATTACH BOLTS PER SB...END...*	HOWARD W. SIEDLECKI AP2111293IA

MAINTENANCE RECORD

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

SUNSHINE AIRCRAFT REPAIR, INC
10460 52ND STREET
KENOSHA,WI. 53144
262-656-7051 HANGER--708-379-7177 PAGER

N#: N53098 MAKE: CESSNA T182 S/N: T18208187
Date: 03-05-2004 TR: 204.1

AIRFRAME LOG*

C/W SB04-27-01 BY REPLACING RIVETS IN BOTH LH & RH AS PER SERVICE BULLETIN...END...

HOWARD W. SIEDLECKI
AP2111283IA

DATE

GNATURE,
E TYPE
ER

HAC-Avionics, L.L.C.
2451 Cadmus Rd. Adrian MI.

Date: 07/08/04 Tail#

Installed Bendix/King KDR-510 datalink reciever serial# 2556 in aft section of aircraft.
Installed Bendix/King KAC 503 FIS module serial# 2512 in existing KMD 540 Display.
Coupled KDR-510 to existing KMD 540 display.
System was installed IAW AC 43.13.1b, and the manufacturers installation manuals.
KDR-510 data link weather system op-checks good IAW the Manufacturers specifications.

Signed: Clinton Kerwin H72R702N

DATE | TO IN S HOUI | ATURE, PE

HAC-Avionics, L.L.C. CRS#H72R702N
2451 Cadmus Rd., Adrian, MI 49221
24 Month ATC Transponder Check

Aircraft Tail# N53098.
Position ONLY.

Frequency 1090 +/- 3 MHZ +2MHz
Suppression P2 = P1 less than 1% replay: J.OK.
P2 9db less than P1 at least 90% reply JOK
Receiver Sensitivity -73dbm +/- 4dbm -77dbm
Receiver Sensitivity difference between Mode A/C less than 1 db 0db.
Power Output 125-500 watts 250W
Encoder Output +/- 125ft. of aircraft altimeter 0ft.

As per FAR 91.413 and as outlined in FAR part 43 appendix E paragraph c and appendix F, this transponder Model# KT-76C serial# 15503 meets or exceeds all applicable test standards.
Signed: Clinton Wesson H72R702N Date: 7/8/04

DATE | TOTA IN SE HOURS | ED SIGNATURE, ICATE TYPE UMBER

HAC-Avionics, L.L.C. CRS# H72R702N
2451 Cadmus Rd., Adrian, MI 49221
24 Month Altimeter Certification Form

Aircraft Tail# N53098
Position ONLY

Scale Error:

Altitude (Feet)	Tolerance +/- (Feet)	Error +/- (Feet)	Altitude (Feet)	Tolerance +/- (Feet)	Error +/- (Feet)
-1000	20	-20	10000	80	+10
0	20	0	12000	90	0
500	20	0	14000	100	0
1000	20	0	16000	110	+20
1500	25	0	18000	120	0
2000	30	0	20000	130	0
3000	30	0	22000	140	
4000	35	0	25000	155	
6000	40	-20	30000	180	
8000	60	-20	35000	205	

As per FAR 91.411 and as outlined in FAR part 43 appendix E. This Altimeter meets or exceeds all applicable test standards.
Signed: Clinton Wesson H72R702N. Date: 7/8/04.

MAINTENANCE RECORD

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

Date 9 Aug 04 Tach 283.0 Airframe TT 283.0

Make Cessna Model T182 S/N T182 08187

Inspected aircraft I/A/W check list that conforms to FAR 42 appendix D plus 50 hr items as described in Cessna maintenance manual for this type aircraft and found airworthy for continued service after the following maintenance.

1. Changed both main tires using Flt Custom III 6 Ply tires, reused existing tubes.
2. Tach reads 100 RPM low, removed sent out for repair and reinstalled.Ops ck good.
3. Replaced vac relief valve filter P/N B3-5-1.
4. Checked ELT I/A/W FAR 91-207 and found good. Replaced ELT battery next due aug 08.
5. Changed engine air filter P/N 0750038-4.

No new or recurring AD notes apply.

Inspected aircraft I/A/W check list that conforms to FAR 43 Appendix D and additional items and found airworthy for ANNUAL inspection.

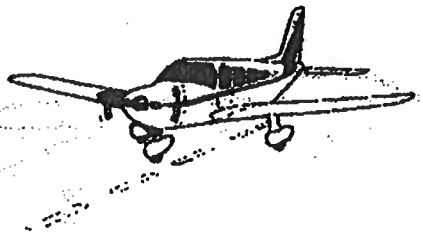
Signature _____ A+P 38360 3031 IA

MAINTENANCE RECORD

HAC-Avionics, L.L.C. CRS# H72R702N
2451 Cadmus Rd. Adrian MI. 49221
24 Month ATC Transponder Check

Aircraft Tail# N53098
Posistion# 1

Frequency 1090 +/- 3 MHz: +.8 MHz
Suppression P2 = P1 less than 1% reply: ✓ ok
P2 9db less than P1 at least 90% reply: ✓ ok
Receiver Sensitivity -73dbm +/- 4dbm -75 dbm
Receiver Sensitivity difference between Mode A/C less than 1db 0db
Power Output 125-500 watts 282 watts
Encoder Output +/-125 ft. of aircraft altimeter 0



As per FAR 91.413 and as outlined in FAR part 43 appendix E paragraph c and appendix F, this transponder Model# GTX 330 Serial# 84113522 meets or exceeds all applicable test standards.
Signed: _____ H72R702N Date: 3/4/2005

... was done IAW the manufacturers installation manual, AC 43.13-1B, FAR 91.413, and FAR part 43, appendix F.

The aircraft or appliance identified above was repaired/installed and inspected IAW the current regulations of the Federal Aviation Agency and is approved for return service.
Signed: _____ H72R702N

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
6AR05	350	9	REPLACED L/H NAV LAMP, OPS CHECK WORKING	Ross A Schmidt 365584077 A&P

Aviation Center

AVFUEL

Phone (734) 662-6806
Fax (734) 662-0559
719 Airport Drive, Ann Arbor, MI 48108

July 22, 2005 **N53098** **382.5 Tach**
Airframe **433.1 Hobbs**

Replaced vacuum regulator filter B3-5-1. Repacked all wheel bearings & lubed gear, C/W FAR 91.207(d) ELT inspection due again by July 31,2006, battery replacement due by Aug 31, 2006. C/W AD 2002-26-01 (01/31/2003 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342D, next inspection due by 31 July 2006, or 482.5 Tach, at engine OH, after maintenance to fuel injector lines or clamps, whichevever comes first. *I certify that this aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition.*

Ross A. Schmidt
365584077 IA Ross A Schmidt

MAINTENANCE RECORD

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

Aviation Center

AVFUEL

Phone (734) 662-6806
Fax (734) 662-0559
719 Airport Drive, Ann Arbor, MI 48108

October 21, 2005 **N53098** **409.7 Tach**
Airframe **409.7 ETT**

Aired nose tire to 49 PSI and main tires to 42 PSI.

Ross A. Schmidt
365584077 A&P Ross A Schmidt

Aviation Center

AVFUEL

Phone (734) 662-6806
Fax (734) 662-0559
719 Airport Drive, Ann Arbor, MI 48108

ARTEX AIRCRAFT SUPPLIES, INC.
14405 Kell Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901
LOG BOOK ENTRY Aug 7, 2006
E.L.T. BATTERY REPLACEMENT DATE JULY 2008

August 7, 2006 **N53098** **492.9 Tach**
Airframe **557.7 Hobbs**

Replaced vacuum regulator filter B3-5-1 and central filter AAD9-18-1. Repacked all wheel bearings & lubed gear, Replaced RH brake linings 4 each 066-10500. Nose strut serviced with Hyd. fluid and nitrogen. Replaced ELT battery PN 00-30-006, C/W FAR 91.207(d) ELT inspection due again by August 31,2007, battery replacement due by July 31, 2008. Adjusted Vacuum suction up to 5.0. C/W AD 2002-26-01 (01/31/2003 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342D, next inspection due by 31 August 2007, or 592.90 Tach, at engine OH, after maintenance to fuel injector lines or clamps, whichevever comes first. C/W AD 84-26-02 (01/29/1985 Paper Airfilter) Removed and replaced with new PN P10-6150, next replacement due by 592.90 Tach. *I certify that this Aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition.*

Ross A. Schmidt
365584077 IA Ross A Schmidt

FAR 91.413
THE ATC TRANSPONDERS AN
REQUIRED BY FAR 91.413 WE
AND FOUND TO COMPLY WIT
AND APPENDIX E PARAGRAP

MAKE:	MODEL:
GARMIN	GTX 330
	N/A

DATE	W/O	IN
12-5-06	12-05-06	

Aircraft Transponders &
734-812
FAA APPROVED REPAIR STATION # Z2TR556Y

84

AIRCRAFT TRANSPONDERS & ALTIMETERS CERTIFICATION
FAA Approved repair station Z2TR556Y
Altimeter Scale Error Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	+10	30,000	
0	+10	35,000	
500	0	40,000	
1,000	+10	45,000	
1,500	+10	50,000	
2,000	+10	55,000	
3,000	+10	60,000	
4,000	+10	70,000	
6,000	+10	80,000	
8,000	+20		
10,000	+18		
12,000	+10		
14,000	+20		
16,000	+25		
18,000	+30		
20,000	+20		
22,000			
25,000			

Altimeter Position: Pilot / Copilot

ALT. S/N 40986
DATE 12-5-06
309959
DOC# ECC123

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
6 June 2007			Aviation Center, 719 Airport Drive, Ann Arbor, MI 48108, Phone (734) 662-6806, Fax (734) 662-0539 N53098 Airframe 568.2 Tach 648.1 Hobbs Serviced oxygen tank to 1850 PSI. Tightened loose upper and lower torque knees by installing shims PN MCS 1450-6B14-005 and -007.	Ross A. Schmidt 365584077 A&P
7 September 2007			Ann Arbor Aviation Center Inc., 719 Airport Drive, Ann Arbor, MI 48108, Phone 734-662-6806, Fax 734-662-0539 N53098 Airframe 575.3 Tach 656.7 Hobbs Replaced vacuum regulator filter B3-5-1. Repacked all wheel bearings & lubed gear. Replaced 2 each Lord cowling mounts J7444-42. C/W SB 04-28-02 Fuel Strainer Direction, Inspected and found fuel strainer mounting block orientated correctly. C/W SB 04-53-03 Forward Door Post Washer Inspection, opened and found washers installed, no further action required. C/W FAR 91.207(d) ELT inspection, due again by 30 September 2008, battery replacement due by 31 July 2008. C/W AD 2002-26-01(01/31/2003 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342D, next inspection due by 30 September 2008, or 675.3 Tach, at engine OH, after maintenance to fuel injector lines or clamps, whichevever comes first. *I certify that this Aircraft has been inspected in accordance with an annual inspection and found to be in airworthy condition.*	Ross A. Schmidt 365584077 IA

N53698 10/4/2007

DATE

5 October 2007

Removed Attitude Gyro, PN 1U

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 27029

4. Organization Name and Address:
Metro Aircraft Instruments, Inc.
2135 Airport Rd., Oakland County Int'l Airport, Waterford, MI. 48327-1207, 248/666-3670

5. Work Order/Contract/Invoice Number: 115583 /

6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	GYRO, ATTITUDE	1U149-015-9	N/A	1	T81967Q	OVERHAULED

13. Remarks:

Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.5112

14. Certifies the items identified above were manufactured in conformity to:
[ ] Approved design data and are in condition for safe operation.
[ ] Non-approved design data specified in Block 13.

19. [X] 14 CFR 43.9 Return to Service [X] Other regulation specified in Block 13
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.: JV2R943K
17. Name (Typed or Printed):	18. Date (mm/dd/yy):	22. Name: (Typed or Printed) GREGORY D GARZA	23. Date (mm/dd/yy): Oct/ 3/2007

User/Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her Airworthiness Authority accepts part/component/assembly coming from the Airworthiness Authority of the country specified in Block 1.

Statements in Block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification based in accordance with national regulations by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005

MAINTENANCE RECORD

DA

Suburban Aviation, Inc.
4353 Section Road
Ottawa Lake, MI. 49267
(734)856-6103
www.airportsuburban.com

Work Order 10347

Sub Tk Order

AD 07-05-10 INSTALLED KIT MK172-25-1(

Number N53698 Type: CE 525 SN: T182 [illegible]87
Hobbs Time: 623.7 Hobbs Time: 0.0 Tach Time: [illegible] LG Cycles:

Part Number	Serial	Time	Cycles	Expiration	Prior S/N
[illegible]	[illegible]	623.7			011423

Discrepancy
Work Done
10/4/2007
SB04-29-01 R4 and AC2007-05-10 on [illegible] with MK172-25-1(0) kit and MS24694S1[illegible] screws to modify the crankarms. Steel bars were [illegible] from parts [illegible] installed the new Height adjustment nuts.
Brian J Eklund IA3707440

ERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

MAINTENANCE RECORD

DATE | TOT. IN S HOUR | SIGNATURE, TE TYPE BER

ANN ARBOR Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 36 YEARS
719 Airport Drive
Ann Arbor, MI
48103
Phone 734-662-6806
Fax 734-662-0539

6 October 2008 | **N53098 Airframe** | **640.7 Tach 729.5 Hobbs**

Replaced vacuum regulator filter B3-5-1, replaced central instrument filter D9-18-1, removed attitude indicator, sent for inspection and reinstalled. (see FAA form 8130-3 dated 9 October 2008), repacked all wheel bearings & lubed gear. C/W FAR 91.207(d) ELT inspection, due again by 31 October 2009, battery replacement due by 31 August 2015, replaced left main tire Flight Custom III 6.00 X 6 8PR, replaced all 8 brake pads 066-10500. C/W Cessna SB03-53-03R1 Forward Cabin Belly skin for cracks, by installation of kit S2800-729, P/N 0752738-8.

C/W AD 84-26-02 **(1/29/85 Paper type induction filter)** due by 992.9 Tach
C/W AD 93-05-06 **(4/29/83 ACS Ignition Switch)** due by 2000.0 Tach
C/W AD 2004-10-14 **(6/25/04 Crankshaft gear)** due at next overhaul, prop strike, sudden stoppage or gear train repair.
C/W AD 2006-20-09 **(11/03/06 Failure of crankshaft)** due by 2014 or 2000.0 Tach or next separation of crankcase.
C/W AD 2007-05-10 **(04/11/07 Crew Seat Back) Found previously complied with on 21 Feb. 2008, 623.7 Tach by installation of kit MK172-25-10C1.**
C/W AD 2008-08-14 **(4/29/08 Fuel Injection Servo) N/A by date of manufacture.**
C/W AD 2008-14-07 **(08/14/08 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342E, next inspection** due by 31 October 2009, 740.7 Tach, at engine OH, or after maintenance to fuel injector lines or clamps, whichever comes first.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.

Russell Norris
A&P 372022742 IA

MAINTENANCE RECORD

DATE | SIGNATURE, TYPE R

REPAIR TAG
552700

SPEARS FIRE & SAFETY SERVICES, INC.
287 Jackson Plaza
ANN ARBOR, MICHIGAN 48103
(734) 663-4133

CUSTOMER Aviation Center | COPY NO. J 552700
ADDRESS
MODEL OR SERIAL NO. Mark | PHONE 734-662-6806 | DATE RECEIVED
TROUBLE REPORTED | PROMISED | DELIVERED
Test June 2010
DESCRIPTION OF MATERIAL USED | AMOUNT
TOTAL MATERIALS
LABOR
RECEIVED BY | TAX
Thank You! CASH ON COMPLETION OF WORK → | TOTAL

AD2004-10-14 **(6/25/04 Crankshaft gear)** due at next overhaul, prop strike, sudden stoppage or gear train repair.
AD2006-20-09 **(11/03/06 Failure of crankshaft)** due by 2014 or 2000.0 Tach or next separation of crankcase.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.

Rodney A. Hatcher
2040750 IA

N53098 10/4/2007

AUTHORIZED RELEASE CERTIFICATE

AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 27029

DATE | TOT. IN S HOUR

MAINTENANCE RECORD

ANN ARBOR Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 35 YEARS
719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6806
Fax 734-662-0599

SIGNATURE TYPE NUMBER

6 October 2008 **N53098 Airframe** **640.7 Tach 729.5 Hobbs**

Replaced vacuum regulator filter B3-5-1, replaced central instrument filter D9-18-1, removed attitude indicator, sent for inspection and reinstalled. (see FAA form 8130-3 dated 9 October 2008), repacked all wheel bearings & lubed gear. C/W FAR 91.207(d) ELT inspection, due again by 31 October 2009, **battery replacement** due by 31 August 2015, **replaced left main tire Flight Custom III 6.00 X 6 8PR, replaced all 8 brake pads 066-10500. C/W Cessna SB03-53-03R1 Forward Cabin Belly skin for cracks, by installation of kit S2800-729, P/N 0752738-8.**

C/W AD 84-26-02 **(1/29/85 Paper type induction filter)** due by 992.9 Tach

C/W AD 93-05-06 **(4/29/83 ACS Ignition Switch)** due by 2000.0 Tach

C/W AD 2004-10-14 **(6/25/04 Crankshaft gear)** due at next overhaul, prop strike, sudden stoppage or gear train repair.

C/W AD 2006-20-09 **(11/03/06 Failure of crankshaft)** due by 2014 or 2000.0 Tach or next separation of crankcase.

C/W AD 2007-05-10 **(04/11/07 Crew Seat Back) Found previously complied with on 21 Feb. 2008, 623.7 Tach by installation of kit MK172-25-10C1.**

C/W AD 2008-08-14 **(4/29/08 Fuel Injection Servo) N/A by date of manufacture.**

C/W AD 2008-14-07 **(08/14/08 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342E, next inspection** due by 31 October 2009, 740.7 Tach, at engine OH, or after maintenance to fuel injector lines or clamps, whichever comes first.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.

Russell Norris
A&P 372022742 IA

MAINTENANCE RECORD

ANN ARBOR Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 35 YEARS
719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6806
Fax 734-662-0599

SIGNATURE, TYPE R

30 June 2010 **N53098 Airframe** **675.8 Tach 770.0 Hobbs**

Replaced vacuum regulator filter B3-5-1. C/W FAR 91.207(d) ELT inspection, due again by 30 June 2011, **battery replacement** due by 31 August 2015. **Replaced both main wheel I/B bearings 13889 and cups 13836. All nose wheel bearings 08125 and cups 08231 replaced. Repacked all wheel bearings & lubed gear. Serviced nose strut up with nitrogen. Replaced Beacon bulb 34-0041987-02. Removed Oxygen bottle, performed hydrostatic check,** next check due June 2013 and tank replacement due February 2018.

C/W AD2008-14-07 **(08/14/08 Fuel Injector lines & clamps) Inspected I/A/W Lycoming SB 342E, next inspection** due by 775.8 Tach, at engine OH, or after maintenance to fuel injector lines or clamps, whichever comes first.

AD2008-26-10 **(01/05/2009 Erroneous Indications from the Altimeter, Airspeed, etc) Inspected and found the port free from obstruction. No further action required.**

AD2009-02-03 **(02/09/2009 Lean Running Engine) N/A by engine mfg. date.**

AD2009-26-12 **(02/04/2010 Cracks in Cylinders) N/A, No ECI cylinders assemblies installed.**

NOTE: AD84-26-02 **(1/29/85 Paper type induction filter)** due by 992.9 Tach.

AD93-05-06 **(4/29/83 ACS Ignition Switch)** due by 2000.0 Tach

AD2004-10-14 **(6/25/04 Crankshaft gear)** due at next overhaul, prop strike, sudden stoppage or gear train repair.

AD2006-20-09 **(11/03/06 Failure of crankshaft)** due by 2014 or 2000.0 Tach or next separation of crankcase.

I certify that this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition.

Rodney A. Hatcher
2040750 IA

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			The ATC transpoder was tested and inspected on 12/4/08 and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 12/4/08 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft. Work Order Number: 16762 Signature [signature] THE AVIATION DEPOT C.R.S. TFGR831K	
			I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested on 2/4/09 by The Aviation Depot to 20K ft. Signature [signature] THE AVIATION DEPOT C.R.S. TFGR831K	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			ANN ARBOR Aviation Center Inc. 719 Airport Drive Ann Arbor, MI 48108 Phone 734-662-6805 Fax 734-662-0559 **20 January 2009** **N53098** **648.1 Tach** **Airframe** **738.1 Hobbs** **Removed and replaced RH brake caliper O-rings MS28775-222 and serviced with hydraulic fluid. Ops checked OK.** **Ross A. Schmidt** **365584077 A&P** [signature]	

MAINTENANCE RECORD

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

#2 TKP.

The ATC transpoder was tested and inspected on 1/7/11 and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 1/7/11 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft.
Work Order Number: 17403

Signature
THE AVIATION DEPOT
C.R.S. TFGR831K

I certify that the altimeter and static system tests required by FAR 91.411 have been performed.
The altimeter was tested on 1/7/11
by AV DEPOT to 20K ft.

Signature

THE AVIATION DEPOT
C.R.S. TFGR831K

#2 TKP

The ATC transpoder was tested and inspected on 1/7/11 and bound to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on 1/7/11 in compliance of 91.411 FAR 43. Appendix E, Paragraph (C) to 20K ft.
Work Order Number: 17403

Signature
THE AVIATION DEPOT
C.R.S. TFGR831K

MAINTENANCE RECORD

Sept 6 2011 This Aircraft has been inspected and has been found safe for the flight from ARB to PHN in accordance with Special Flight Permit Dated 09/02/2011 IA 3016179AP

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

Maintenance Record

Date	9/25/2011				N 53098
Aircraft Make	Cessna	Engine make	Lycoming	Prop make	McCaulty
Aircraft Model	T 182 T	Engine model	TIO-540-AK1A	Prop model	B3D36C442
Serial number	T 18208187	Serial number	L-11333-61A	Serial number	11423
Total time Aircraft	774.6	Total time engine	774.6	Total time prop	774.6
Tach/Hobbs	679.3 774.6	Since major OH	774.6	Since major OH	774.6

Description:

1- Greased and Lubed Aircraft per Cessna 182 Service Manual
2- Checked ELT Per 91.207 (d) found OK Battery Due August 2015
3- Replaced Vacuum Filter B3-5-1
4- Replace Left Main with Goodyear Flt III 600X6-6
5- Replace Nose Tire with Goodyear Flt !!! 500X5-4
5- Service All Tires with Nitrogen
7- Replace Gill G-243 24V Battery S/N G02691600

Release: "I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition."

Signature: Certificate: AP 3016179 IA

MAINTENANCE RECORD

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

Date	12/20/2012	Maintenance Record			N 53098
Aircraft Make	Cessna	Engine make	Lycoming	Prop make	McCaulty
Aircraft Model	T 182 T	Engine model	TIO-540-AK1A	Prop model	B3D36C442
Serial number	T 18208187	Serial number	L-11333-61A	Serial number	11423
Total time Aircraft	780.7	Total time engine	780.7	Total time prop	780.7
Tach/Hobbs	689.1 780.7	Since major OH	780.7	Since major OH	780.7

Description:

1- Greased and Lubed Aircraft in accordance with Cessna 182 Service Manual
2- Checked ELT Battery per 91.207(D) found OK Battery Due November 2014
3- Replaced Vacuum Filter B3-5-1
4- Removed Inspected and Cleaned Cessna Air Filter
5- Service Brakes with M-5606
5- Service All Tires with Nitrogen
7- All AD's Complied with through this Date See AD list back of Book

Release: I Certify that this AIRCRAFT has been inspected in accordance with FAR 43 Appendix D with an ANNUAL inspection and was determined to be in airworthy condition."

Signature: Certificate: AP 3016179 IA

Huron Avionics, Inc. 140 North Airport Drive Kimball, MI 48074 H4NR191N
LOG ID# 966 07-January-2013 WO# 1361 FORM QC-09
N53098 S/N T18208187 CESSNA T182T Pg 1 / 1

I CERTIFY THAT THE ATC TRANSPONDER WAS TESTED AND INSPECTED AS PER FAR 91.413 I.A.W. PART 43, APPENDIX F TRANSPONDER MAKE/MODEL GARMIN GTX330. THE STATIC AND AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEMS WERE TESTED AND INSPECTED PER FAR 91.411 I.A.W. PART 43 APPENDIX E, PARAGRAPHS A AND C RESPECTIVELY TO 20,000 FT.

I CERTIFY THAT THE ALTIMETER SYSTEMS WERE TESTED AND INSPECTED AS PER FAR 91.411 I.A.W. PART 43, APPENDIX E, PARAGRAPH B. ALTIMETER TESTED BY HURON AVIONICS, INC. TO 20K FT. DATE TESTED: JAN 07, 2013.

SIGNED H4NR191N WILLIAM C MCKELVEY

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005

PrimePlanes Aircraft Services Inc.

REG. N53098 TYPE Cessna T182T TACH 709.0 S/N T18208187

Removed left main wheel assembly; Cleaned and inspected bearings/ races; Found pitting and corrosion on bearing and race; Replaced outer half wheel assembly with new,Cleveland P/N 162-2700; Replaced inner bearing race with new, Timpken P/N 13836-20629; Replaced both inner and outer bearings with new, Timpken P/N 13889-20629; Packed bearings and reassembled wheel; torqued halves to 150 in/lbs; Torqued caliper backing plate bolts to 80 in/lbs; ---END---

Signature Brian Thoresen, A&P 3277997 Date May 10th, 2013

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
10-14	773	2	Annual inspection Completed. Lube all pulleys, linkage, Hinges, ELT Controls. Grease Gear forks, Trim and Flap Screw. clean water Drains, Stop Drill cracks on Right lower Strut Fairing. Repair Pilots Door Lock. Replace Vac Filter AR33-5-1. Service Battery and Timer. Check ELT (OK). Had Oxygen Tank Hdro Tested (DUE 1/17)(REPLACE 2/18). "SEE AD LIST" "I certify that this Aircraft has been inspected in accordance with an Annual inspection and was determined to be in an airworthy condition." [signature] A&P 391524721IA	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			N53098 01/27/2014 TACH:774.4 WO#A7108 TESTED AND INSPECTED ALTIMETER 5934PAD-30 S/N#409693, THE STATIC SYSTEM, THE AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM, TRANSPONDER GTX330 S/N#84113522 AND KT76C S/N#15503 IN ACCORDANCE WITH 91.411 AND 91.413 AND FOUND TO MEET 14CFR43 APPENDIX E AND APPENDIX F. DETAILS PERTAINING THE WORK PERFORMED CAN BE FOUND ON APG AVIONICS CRS#N1OR037B WORK ORDER# A7108 DATED 01/27/2014 SIGNED: [signature] DATE: 1/27/2014 APG AVIONICS CRS#N1OR037B 8150 SKYLANE WAY PUNTA GORDA, FL 33982 (941)637-6530	
14	777	2	Removed & Replaced ELT Battery (POINTER PN. 2020 "NEW DUE DATE NOV. 2015" Tested OK. [signature] A&P 391524721IA	REVA, SERIES 3000)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
2-14	818	8	Removed and replaced Vacuum pump (lower) with new Tempest model No. AA3216CW SN. 05WD25. Robert Griffith A&P 391524721IA	

Primeplanes Aircraft Services Inc.
240 Aviation Drive North Suite 102
Naples, Florida 34104 ph. 239-659-4005

PrimePlanes

REG. N53098 TYPE T-182T TACH 844.3 HOBBS 951.7

Removed L/H and R/H side cowls, Removed L/H and R/H nose cowls, Removed alternator P/N 9910592-3 S/N A-172746, Installed new alternator P/N 9910592-3 S/N H-0020780. Removed and replaced #5 cylinder EGT probe P/N 2870 Insight Probe. Operational check found to be good. Reinstalled nose and side cowls.
-END-

Signature Ken A. Boynton
Ken A. Boynton A&P 264519426

Date 7/23/2014

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
9-14	879	2	Removed and Replaced Left main Tire with a Condor (6:00X6, 6 ply) Tire, Checked Bearings and Grease (OK). Robert Griffith A&P 391524721IA	
2-15	886	8	Removed Propeller + Governor for overhaul. Robert Griffith A&P 391524721IA	
15	886	8	Removed Engine and Accessories. Robert Griffith A&P 391524721IA	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Installed Engine (MDL. T10-540-AKA, SN RL-8417-61A)	
20/15	886	8	and Accessories. Installed New Starter (PN PM7401, SN H-P011752) and Alt Belt (PN 390K4E). Reinstalled.	
			Alternator (MN 9910592-3, SN 80020780) Vac Pump #1 (AA215CC SN 15635) Vac Pump #2 (AA216CW, SN 16738B). Flush & Reinstalled	
			oil Cooler (PN 10891A SN 288). Remotely Tanis Heater (TAS1000550) Installed Propeller (011423) & Governor (020522) Repair Exhaust Stack (W016149) Test Runup Found (OK)	
			Paul C Griffin A+P 3915247 IA	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Annual inspection Completed Lube all Pulleys	
2/15	886	8	linkage, Hinges, Flt. Controls, Grease Gear Fork, Trim and Flap Screw. Clean Water Drain. Stop Drill	
			Crack on (2) LF Planform Horz. Stab Cap. Replace	
			Vac Filter (AR33-5-1) Service Battery and Trim.	
			Grease Nose & main Bearings. Replace 1" Scat.	
			on Left Side of Engine on Electric Box. C60 AD	
			93-05-06 (Fuel Function Test) (OK) (DUE 2000)	
			"SEE AD LIST" "I Certify That This Aircraft has been	
			inspected in Accordance with an Annual Inspection	
			and was Determined to be in an airworthy Condition"	
			Paul C Griffin A+P 3915247 IA.	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Test flew Aircraft, found OK.	
12/15	886	8	Cert # 2885916	

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104
AIRCRAFT:N53098 DATE: 5/27/15 WO: 13022 TACH: 890.7 HOBBS:1003.2
AIRFRAME LOG
REMOVED AND REPLACED TOP VACUUM PUMP WITH OVERHAULED UNIT. P/N: 215CC, S/N: 22651. OPS CHECKED GOOD ON RUN UP.
FOR NAPLES AIR CENTER CRS X04R655M.
ROBERT L. HOUSE

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104
AIRCRAFT:N 53098 DATE: 8/5/15 WO: 13067 TACH: 914.3 HOBBS:1028.8
AIRFRAME LOG
REMOVED AND REPLACED SCEET HOSE FOR RH AIR VENT. SECURED AUX POWER RECEPTICLE IN PANEL AS NECESSARY. DISCONNECTED AND CLEANED DEBRIS FROM PITOT LINE BETWEEN AIRSPEED INDICATOR AND PITOT TUBE. RECONNECED PITOT LINE. AIRSPEED INDICATOR TESTED GOOD WITH TEST SET IAW FAR 43 APPENDIX E(a).
FOR NAPLES AIR CENTER CRS X04R655M.
ROBERT L. HOUSE

MAINTENANCE RECORD

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104
AIRCRAFT:N 53098 DATE: 8/5/15 WO: 13067 TACH: 914.3 HOBBS:1028.8
ENGINE LOG
WASHED AND RAN UP ENGINE. FOUND OIL TEMP SENDER LEAKING AT CRANKCASE. REMOVED AND REPLACED GASKET FOR SENDING UNIT WITH NEW.P/N: MS35769-11. LEAK CHECKED GOOD ON RUN UP.
FOR NAPLES AIR CENTER CRS X04R655M.
ROBERT L. HOUSE

5/16	946	2	Annual inspection Completed. Lube all pulley linkage, Hinges Flt controls, Grease Front Gear Forks, Trim and Flap Screw. Service Battery and Tires. Replace ELT Battery "BATTERY" (Due NOV 17) Test OK "I certify that this Aircraft has been inspected in Accordance with an Annual Inspection and was determined to be in an Airworthy Condition." "See AD list."	

MAINTENANCE RECORD

		10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
5/16	946	7	Remove and Replaced Left main Tire (6.00X6-6) AIRTrac checked Bearings + Grease (OK)	[illegible] A&P 391[illegible]

South Delta Aviation *4248 S School Ave* *Fayetteville AR 72701*

Date: 7-22-2016 *N53098* *Tach: 984.9* *Hobbs: 1106.0* AFTT: 984.9

Replaced the Turbine Inlet Temperature exhaust probe with a new TE-12525-01 probe.

Steven Duncan 431634174 A&P Steven Duncan.

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104
AIRCRAFT: N53098 DATE: 07/18/2016 WO: 13335 TACH: 977.9 HM N/A
PERFORMED BIANNUAL IFR CERTIFICATIONS ON ALTIMITER P/N 5934PAD-3D S/N 409896 TO 35000 FEET. RECERTIFIED TRANSPONDER M/N GTX-330 S/N 84113522 AND TRANSPONDER M/N KT76C S/N 15503. PERFORMED ENCODER CORRELATION TEST TO 35000 FEET ON ENCODER M/N SSD120-XXA( )-RS232 S/N SRA-7334. PERFORMED STATIC SYSTEM LEAK RATE TEST. ALL WORK ACCOMPLISHED I/A/W FAR 43 APP E(a)-(d) AND F(a)-(d).

AIRFRAME LOG
FOR NAPLES AIR CENTER CRS X04R655M.
RODNEY G. CHASTAIN

MAINTENANCE RECORD

DATE	T IN HO	DESCRIPTION OF THE WORK PERFORMED	SIGNATURE, TE TYPE IBER

South Delta Aviation *4248 S School Ave* *Fayetteville AR 72701*

Date: 2-10-2017 *N53098* *T182T SN: T18208187* *Tach: 1006.7* *Hobbs: 1129.4*

TTAF: 1006.7

MAINTENANCE RECORD

DATE		10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
3/16	946	7	Remove and Replaced Left main Tire (6.00X6-6) AIRTrac checked Bearings + Grease (OK)	[illegible] A&P 3915[illegible]

South Delta Aviation **4248 S School Ave** **Fayetteville AR 72701**

Date: 7-22-2016 **N53098** **Tach: 984.9** **Hobbs: 1106.0** AFTT: 984.9

Replaced the Turbine Inlet Temperature exhaust probe with a new TE-12525-01 probe.

Steven Duncan 431634174 A&P Steven Duncan

NAPLES AIR CENTER, INC.
CRS X04R655M
230 AVIATION DRIVE SOUTH
NAPLES, FLORIDA 34104
AIRCRAFT: N53098 DATE: 07/18/2016 WO: 13335 TACH: 977.9 HM N/A
PERFORMED BIANNUAL IFR CERTIFICATIONS ON ALTIMITER P/N 5934PAD-3D S/N 409896 TO 35000 FEET, RECERTIFIED TRANSPONDER M/N GTX-330 S/N 84113522 AND TRANSPONDER M/N KT76C S/N 15503. PERFORMED ENCODER CORRELATION TEST TO 35000 FEET ON ENCODER M/N SSD120-XXA( )-RS232 S/N SRA-7334. PERFORMED STATIC SYSTEM LEAK RATE TEST. ALL WORK ACCOMPLISHED I/A/W FAR 43 APP E(a)-(d) AND F(a)-(d).

AIRFRAME LOG
FOR NAPLES AIR CENTER CRS X04R655M.
RODNEY G. CHASTAIN

MAINTENANCE RECORD

DATE	TI IN HO	DESCRIPTION OF THE WORK PERFORMED	SIGNATURE, TE TYPE BER

South Delta Aviation **4248 S School Ave** **Fayetteville AR 72701**

Date: 2-10-2017 **N53098** **T182T SN: T18208187** **Tach: 1006.7** **Hobbs: 1129.4**

TTAF: 1006.7

Performed an Annual inspection on this date in accordance with the Cessna 182 checklist, replaced the induction filter with a new P10-6150 filter, replaced the instrument air filter with a new RA-D9-18-1 filter, Checked ELT function in accordance with FAR 91.207(D) with all functions normal, battery due replacement Nov 2017, Replaced the main battery with a new G243 battery, checked torque on all turbo exhaust clamps, replaced induction hose going to turbo with new hose, replaced the nose wheel bearings and races with two new 08125-20629 bearings and two new 08231-20629 races, replaced the right main tire with a new 600X6 AirTrac tire and new tube, replaced the right main wheel bearings and races with two new 13889-20629 bearings and two new 13836-20629 races, replaced the fresh air duct in the right and left wing leading edges with new duct, patched crock on the left main landing gear fairing, checked AD compliance to Bi weekly 2017-02, CW AD 2015-19-07 by inspection of fuel injection lines and clamps, next due @ 1106.7 tach, CW AD 84-26-02 by replacement of paper induction filter, next filter replacement due @ 1506.7 tach, next inspection due @ 1106.7 tach, AD 2013-11-11 oil pressure switch replacement due @ 3000 tach, no other new or reoccurring AD's found at this time.

I certify that this aircraft was inspected in accordance with an Annual inspection and is approved for

VAN BORTEL AIRCRAFT INC

VAN BORTEL AIRCRAFT INC

DATE

H

) SIGNATURE,
:ATE TYPE
MBER

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N53098 TACH & TOTAL 1023.5 H.M. 1148.3 DATE 3/19/2018 W.O. SV5502

AIRCRAFT S/N: T18208187

PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20. COMPLETED THE ONE YEAR ESSENTIAL DIODE TEST. COMPLETED THE TWO YEAR ACU OVERVOLT TEST. REPLACED ELT BATTERY P/N: 2020, EXPIRATION DATE 1/2020. ELT INSPECTED AND TESTED PER FAR 91.207(d). REPLACED LEFT & RIGHT MAIN TIRES WITH NEW P/N: 072-314-0. REPLACED NOSE TIRE WITH NEW P/N: 072-312-0 AND TUBE P/N: 092-308-0. REPLACED VACUUM REGULATOR FILTER P/N: B3-5-1. REMOVED OXYGEN BOTTLE P/N: 804882-33 S/N: 10901 (LIFE LIMIT). INSTALLED NEW BOTTLE P/N: 804882-33 S/N: 29750 AND SERVICED SYSTEM. NEXT HYDROTEST IS DUE 1/2023, NEXT BOTTLE REPLACEMENT IS DUE 1/2033. REPLACED EXHAUST TAILPIPE ASSEMBLY WITH OVERHAULED P/N: 0750644-1, TAILPIPE TO TURBOCHARGER CLAMP WITH NEW P/N: S1921-2 AND HEAT SHIELD CLAMPS WITH NEW P/N: S1891-32S. REPLACED RIGHT STABILIZER TIP P/N: 9910100-5. REPLACED LEFT & RIGHT ELEVATOR TIPS P/N'S: 1234608-3-791, 9910100-8. REPLACED LEFT & RIGHT ELEVATOR BONDING STRAPS P/N: 1570102-1. REPLACED RIGHT DOOR STOP UPPER BRACKET P/N: 1217038-2. REPLACED LEFT & RIGHT WING FUEL PLACARDS P/N'S: S4004-2, S2608-1. REPLACED LEFT & RIGHT WING TIPS P/N'S: 9910098-1, 9910098-2 WITH NEW LIGHT LENS COVERS P/N'S: 9910098-3, 9910098-4. REPLACED LEFT & RIGHT MAIN LANDING GEAR FAIRINGS P/N'S: 0741639-15S, 0741639-16S AND VERIFIED CLEARANCE TO BRAKE LINES PER SB09-32-02. REPLACED LEFT UPPER & LOWER WING STRUT FAIRINGS P/N'S: 0720702-1, 0720702-9. REPLACED BAGGAGE DOOR SEAL P/N: R860064. REPLACED PEDESTAL LIGHT BULBS P/N: 1829. EXECUTED FORM 337 FOR PREVIOUS REPLACEMENT OF GEM610 WITH GEM610C (G1) ENGINE MONITOR. COMPLIED WITH SB02-37-04 AIRBORNE VACUUM MANIFOLD CHECK VALVE INSPECTION, REMOVED AIRBORNE VALVE 1H5-25 S/N: 9AU, INSTALLED NEW TEMPEST VALVE P/N: AA1H5-25A S/N: H5-53338. SB02-37-04 NO LONGER APPLIES, SEE TEMPEST SB-007. SB03-27-01 FLAP MOTOR INSPECTION DOES NOT APPLY, MOTOR HAS NOT BEEN REPLACED. SB04-24-01 ALTERNATOR CONTROL UNIT INSPECTION DOES NOT APPLY BY ACU S/N: E40549. SB03-53-03R1 NOSE LANDING GEAR FAIRING INSPECTION HAS BEEN PREVIOUSLY ACCOMPLISHED. SB05-28-01 FUEL STRAINER GASKET INSPECTION DOES NOT APPLY BY AIRCRAFT S/N & AFFECTED GASKET HAS NOT BEEN INSTALLED. COMPLIED WITH SB04-53-02R1 FIREWALL DOUBLER FLANGE MODIFICATION & SHOCK MOUNT INSPECTION, FOUND FLANGE PREVIOUSLY MODIFIED & CORRECT SHOCK MOUNTS INSTALLED. COMPLIED WITH SB05-53-02 TUNNEL BULKHEAD RIVET INSPECTION, FOUND REQUIRED RIVETS INSTALLED. SB06-24-01 ELECTRICAL GROUND STRAP INSPECTION DOES NOT APPLY BY AIRCRAFT S/N & AFFECTED STRAPS HAVE NOT BEEN INSTALLED. SB07-27-01 ELEVATOR TRIM ACTUATOR INSPECTION DOES NOT APPLY BY ACTUATOR P/N: 1260074-7. 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 & ADDITIONAL SOCKET IN FIELD CONNECTOR PREVIOUSLY INSTALLED. SB10-81-01 (AD 2010-07-08) ENGINE TURBOCHARGER INSPECTION DOES NOT APPLY BY TURBO P/N, TURBO IS NOT REBUILT. SB11-81-01 (AD 2011-13-03) ENGINE TURBOCHARGER HOUSING INSPECTION DOES NOT APPLY, HOUSING IS MARKED "JT". SEL-73-01 & SEL-73-02R1 ENGINE FUEL PUMP INSPECTIONS DO NOT APPLY BY PUMP S/N: H-RHN029FP. SEL-28-01 FUEL LINE INSPECTION DOES NOT APPLY BY AIRCRAFT S/N & AFFECTED FUEL LINES HAVE NOT BEEN INSTALLED. SEL-74-02 SLICK MAGNETO INSPECTION DOES NOT APPLY BY S/N'S OF MAGNETOS. SEL-34-04 ALTIMETER INSPECTION DOES NOT APPLY BY ALTIMETER S/N. SEB-24-02 LAMAR ELECTRICAL JUNCTION BOX MODIFICATION WILL BE REQUIRED UPON REPLACEMENT OF ALTERNATOR CONTACTOR WITH P/N: X61-0029. AD'S CHECKED THROUGH 2018-06.

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.

JOHN HOFFMAN, INSPECTOR

MAINTENANCE RECORD

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

AFFECTED FUEL LINES HAVE NOT BEEN INSTALLED. SEB-74-02 SUCK MAGNETO INSPECTION DOES NOT AFFECT BY SN'S OF MAGNETO INSTALLATION. FUEL LINE INSPECTION DOES NOT APPLY BY ALTIMETER S/N. SEB-24-02 LAMAR ELECTRICAL JUNCTION BOX MODIFICATION WILL BE REQUIRED UPON REPLACEMENT OF ALTERNATOR CONTACTOR WITH P/N: X61-0029. AD'S CHECKED THROUGH 2018-06.
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.

JOHN HOFFMAN, INSPECTOR

MAINTENANCE RECORD

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

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N53098 SN: T182081787 Tach: 1070.8 DATE 08/16/18 W.O. AV7614

Removed Davtron Clock PN 803-28V SN 07439. Installed FN Davtron Clock PN 803-28V SN 16573.

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

Gary S Conover
Inspector

ANNUAL

MAINTENANCE RECORD

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

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N53098 SN: T18208187 Tach: 1108.9 DATE 12/19/18 W.O. AV7732

Installed BOSE LEMO jacks PN323172-0010 at Pilot and Copilot positions.

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

Gary S. Conover
Inspector

DATE	TO IN HOU			NATURE, TYPE R

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N53098 TACH & TOTAL 1108.9 H.M. 1242.6 DATE 12/19/2018 W.O. SV5749

AIRCRAFT S/N: T18208187 ENGINE S/N: RL-8417-61A PROPELLER S/N: 011423

PERFORMED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO CESSNA MAINTENANCE MANUAL 182SMM20. COMPLETED THE ONE YEAR ESSENTIAL DIODE TEST. ELT INSPECTED AND TESTED PER FAR 91.207(d). ELT BATTERY EXPIRES 1/2020. CLEANED AND GREASED ALL WHEEL BEARINGS. REPLACED LEFT BRAKE CYLINDER P/N: 061-08500 AND PISTON ORINGS P/N: MS28775-222. LEFT BRAKE SYSTEM SERVICED. REPLACED BEACON LIGHT BULB P/N: 34-0041987-02. SEL-61-01 PROPELLER GOVERNOR INSPECTION DOES NOT APPLY BY GOVERNOR S/N. AD'S CHECKED THROUGH 2018-26.

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

DATE

D SIGNATURE, CATE TYPE IMBER

VAN BORTEL AIRCRAFT INC™

4912 S. Collins St., Arlington, TX 76018 FAA CRS VNFR171L

N53098 TACH & TOTAL 1108.9 H.M. 1242.6 DATE 12/20/2018 W.O. SV5749

AIRCRAFT S/N: T18208187

REMOVED LAMAR ENGINE STARTER P/N: PM2401 S/N: H-P011752. INSTALLED NEW SKYTEC STARTER P/N: 149NL/EC S/N: H-S111382.
THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK, CHIEF INSPECTOR

N53098 Feb 15 ,2019
Cessna T182T S/N T182-08187
Tach: 1121.1 TTAF:1121.1

Remove aircraft glareshield, replace with P/N 0719066-2S, see enclosed 8130-3..Remove nose wheel Pant, repair as required sand , prep , paint as needed , reinstall.

I certify all work done in accordance with Installation instructions and Federal Aviation Regulations and is approved for return to service for the work accomplished.

- END OF ENTRY-

Signed Date: Feb 15 ,2019
Timothy S. Hart AP 3403977

MAINTENANCE RECORD

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

Star Avionics, Inc.
108 Nowlin Lane, Hangar 21
Chattanooga, TN 37421
CRS # TA4R537M (423) 499-1100

Date: January 16, 2019

N53098 Cessna M/N T182T S/N: T182-08187 Hobbs: 1255.1

Cleaned and repositioned the mating connectors on the mounting rack of the KAP-140 autopilot Computer. Replaced the KAP-140 autopilot computer and ramp tested the KAP-140 autopilot system. Ops tested normal. All work and ops tests were performed IAW the Bendix/King KAP-140 Autopilot IM P/N 006-00991-0006 revision 6 dated 10/02.

All above tests were normal and within specifications.

This aircraft is approved for return to service with respect to the above work performed and with respect to Star Avionics, Inc WO # 34264.

Details are on file at Star Avionics, Inc. under **W.O. # 34264.**

Jeffrey K. Miller for CRS# TA4R537M

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Gann Aviation, Inc. Aircraft Logbook Entry 06/21/2019 Cessna T182T, N53098 Removed old Pitch servo model KS270C and installed exchanged servo Same make/model and p/n065-00178-2200 and serial no. 4578. For details see FAA 8130 form 000363161. The Autopilot system was tested and found to be Functioning properly. Signature: _____ CRS GHVR840X **********END**********	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			Gann Aviation, Inc. Aircraft Logbook Entry 09/16/2019 Cessna T182T, N53098 Removed GTX330 transponder s/n 84113522 and upgraded to GTX330ES p/n 011-00455-60. For details see FAA 337 this date. Reinstalled unit in existing mount and configured. The aircraft altitude reporting system was tested as per FAR43 appendix E and F as required by FAR91.411 and 91.43 and AC20-165A. The was no change to the aircraft weight and balance Aircraft is airworthy with respect to the work performed. Signature: _____ CRS GHVR840X **********END**********	
			ADS-B Out	
9/21				

MAINTENANCE RECORD

DATE	T IP HO			) SIGNATURE, ATE TYPE MBER
		N53098 Cessna T182T Tach: 1149.7	S/N T182-08187	November 05, 2019 TTAF:1149.7
		Per STC#SA00834SE installation of vortex generators on the wings and tail surfaces in accordance with the provisions of AML SA00834SE and STC # SA00834SE. See enclosed Form 337. I certify all work done in accordance with Installation instructions of Micro Aerodynamics and Federal Aviation Regulations and is approved for return to service for the work accomplished. - END OF ENTRY- Signed _____ Date: November 05. 2019 Timothy S. Hart AP 3403977		

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			N53098 Tach: 1158.5 Cessna T182T S/N T182 /08187 January 27, 2020 TTAF:1158.5 Performed an airframe 100 hr inspection ,replaced induction filter P10-6150 ,replaced instrument air filters with new, Replaced all brake linings with new 66-0105. Serviced brake system, removed wheels , packed all bearings. Inspect / tighten turbo clamps. Inspect main battery / service as required. Complied with AD84-26-02 replace filter next due @ 1658.5 . C/W AD2013-11-11 oil press switch replacement due @3000 TT ELT removed , replaced battery Pointer 2020, expires Jan 22. Function check in accordance with FAR91.207(D) All AD's complied with at this time .Check AD listing. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition, -END OF ENTRY- January 27, 2020 Timothy S. Hart AP 3403977	
			N53098 Tach: 1158.5 Cessna T182T S/N T182 /08187 January 27, 2020 TTAF:1158.5 I certify this aircraft airframe has been inspected IAW an annual inspection., and has been determined to be in airworthy condition. Mark Robles AP2653131A	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			N53098 Cessna T182T January 31,2020 Tach: 1158.5 S/N T182 /08187 TTAF:1158.5 Removed aircraft main battery , replaced with new Gill #7243-14 battery . Removed wing tip nav light covers Replaced with new nav light lens covers. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition, - END OF ENTRY- Timothy S. Hart AP 3403977 January 31, 2020	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			N53098 Cessna T182T September 9, 2020 Tach: 1222.5 S/N T182 /08187 TTAF:1222.5 Removed KLN 94 , removed KMD 540 MFD , radios , radio racks. Fabricate instrument blanking plate. Secure with AN hardware, material equal or grater than instrument panel. Install Status usb power supply. Install with 20 gauge wire, 2 amp circuit breacker in accordance with AC4313, 1&2 A and Stratus installation Instructions, See weight and balance changes in aircraft logs / pilots operatating handbook. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition. - END OF ENTRY- Timothy S. Hart AP 3403977 September 9, 2020	

Certifies that the items identified above were manufactured in conformity to
Certifie que les éléments

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			N53098 Cessna T182T February 2, 2021 Tach: 1235.0 Hobbs: 1395.9 S/N T182 /08187 TTAF: 1235.0 Performed an airframe 100 hr inspection ,replaced induction filter P106150 ,replaced instrument air filters with new, Serviced brake system, removed wheels , packed all bearings. Inspect / tighten turbo clamps. Inspect main battery / service as required. Weight check Firex. Inspect VG installation. Replace rh nav lite A7512-24 with new. Complied with AD84-26-02 replace filter next due @ 1658.5 . C/W AD2013-11-11 oil press switch replacement due @3000 TT ELT removed inspected, battery expires Jan 22. Function check in accordance with FAR91.207(D) All AD's complied with at this time thru 2021-01 . AD listing attached in aircraft records. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition, - END OF ENTRY- February 2, 2021 Timothy S Hart AP 3403977	
			N53098 Cessna T182T February 2, 2021 Tach: 1235.0 Hobbs: 1395.9 S/N T182 /08187 TTAF: 1235.0 I certify this aircraft airframe has been inspected IAW an annual inspection., and has been determined to be in airworthy condition. Mark Robles AP2653131IA	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			N53098 Cessna T182T April 14, 2021 Tach: 1240.5 S/N T182 /08187 TTAF: 1240.5 Remove LH wind tip , install install new wing tip with cherry max rivets Remove RH horizontal tip will new tip with cherry max rivets .Remove LH horizontal tip install new tip with cherry max rivets Remove LH elevator end cap . replace with new with cherry max rivets. No weight and balance change. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition, - END OF ENTRY- April 14, 2021 Timothy S. Hart AP 3403977	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
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SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

Service Publication Compliance Record

Aircraft Model: T182 **Serial Number:** T1828187 **Registration:** N53098

Service Information Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time
Lycoming S/B 480D	Oil Filter Change/Content Inspection	Pre A/W Tach: 0.5	Oil filter was cut open and paper element inspected. Nothing abnormal noted. New filter installed and engine ground run for leak check.	Recur	Tach: 26.1
LycomingS/B 342D	Fuel injection lines and clamp inspection.	Pre-A/W	Visual inspection during flight test process, prior to A/W.	Recur	Every 100hr's
Lycoming Special Advisory 67-901	Clearance Inspection: Fuel Pump Idler Gear	Post-A/W	Visual inspection of the Serial Numbers affected, to be sure Special Advisory has been complied with. Idler Gear Shaft-To-Accessory Housing Clearence	Once	

Compliance verified at time of delivery.
Authorized Inspector Signature and Stamp: SE I97R796N 16 26-Feb-03 C.R.S. I97R796N

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBE	TYPE S.B. (X) E-TIME	RECURRING	NEXT COMPLIANCE H(	AUTHORIZER SIGNATURE	REMARKS

Transponder Certification
Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 2177 Acft.Reg.No. N53098
Aircraft Type T182T Txpond Position #2
Txpond P/N# KT76C S/N#
Check Box if Mode S ( )

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 11-2-21
Signed Merlin Enright

Transponder Certification
Merlin's Avionics Service Tel: (615) 305-1186
307 Roberta Drive Hendersonville, Tennessee 37075
FAA CRS #Z6MR586Y MAS Form #3

Work Order No. 2177 Acft.Reg.No. N53098
Aircraft Type T182T Txpond Position #1
Txpond P/N# GTX330 S/N#
Check Box if Mode S (✓)

I certify the ATC Transponder tests and inspections required by FAR 91.413 were performed this date and found to comply with Part 43, Appendix F. Details of this inspection are on file at this repair station.

Date 11-2-21
Signed Merlin Enright

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE AIRFRAME	COMPONENT	TYPE S.B. (X) ONE-TIME	RECURRING	NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS

ACFT SN # T18208187 — **Altimeter/Static System Certification** — TACH 1265.0 — HOBBS 1433.8

Merlin's Avionics Service
Tel: (615) 305-1186
307 Roberta Drive
Hendersonville, Tennessee 37075
FAA CRS#Z6MR586Y MAS Form #4

Work Order No. 2177 Acft.Reg.No. N53098
Acft Type Cessna T182T Altimeter Position #1
Altimeter P/N# S/N#
Date 11-2-21 Signed Merlin Enright

Altitude	Reading	Tol	Altitude	Reading	Tol
-1000	-1000	20	14,000	13980	100
0	0	20	16,000	15985	110
500	500	20	18,000	17975	120
1000	1000	20	20,000	19970	130
1500	1500	25	22,000		140
2000	2000	30	25,000		155
3000	3000	30	30,000		180
4000	4000	35	35,000		205
6000	6000	40	40,000		230
8000	7990	60	45,000		255
10,000	9990	80	50,000		280
12,000	11980	90			

Friction	Tol
1K +20	70
2K +20	70
3K +15	70
5K +15	70
10K +20	80
15K +15	90
20K +15	100
25K	120
30K	140
35K	160
40K	180
50K	250

Press	Diff.(Tol. 25 Ft.)	
28.10	-1727	-1727
28.50	-1340	-1340
29.00	-863	-863
29.50	-392	-392
29.92	0	0
30.50	531	531
30.90	893	893
30.99	974	974

Case Leak (FPM Tol. 100 Ft.) 0

Hysteresis: 1st Test Point @ 50% of Max.Alt.(Tol.75 Ft.) +20
2nd Test Point @40% of Max.Alt.(Tol.75 Ft.) +15

After Effect (Tol.30 Ft.) +10

This Altimeter/Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			
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SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			
	N53098			CESSNA T182T			2/14/2022	
	TACH: 1280.4		S/N T182/08187				TTAF: 1280.4	
	Remove aircraft main battery, replaced with							
new Concorde RG24-15M.								
	— end of entry —							
	Paul Michael Brown - Mechanic & sole member Michael Edwin Aircraft LLC - owner							
			2/14/2022					

SERVICE BULLETIN COMPLIANCE RECORD

S.B. NUMBER	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE S.B. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
		AIRFRAME	COMPONENT	ONE-TIME	RECURRING			

104 NOWLIN LN, HANGAR 19
CHATTANOOGA, TN 37421

N53098 S/N T18208187 TACH 1318.6 12/21/22 AIRFRAME

At this time changed RH main tire (P/N 072-314-0; S/N 2217T00099) and tube (P/N GL-6020B). Packed wheel bearing. Re-Installed

I CERTIFY ALL WORK DONE TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.
BRIAN FLIPPO A&P 3784678 IA

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

A.D. NUMBER AND AMENDMENT NO.	METHOD OF COMPLIANCE	DATE OF COMPLIANCE	TOTAL TIME IN SERVICE		TYPE A.D. (X)		NEXT COMPLIANCE DUE-DATE/ HOURS/OTHER	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	REMARKS
			AIRFRAME	COMPONENT	ONE-TIME	RE-CURRING			

A.D. Compliance Record

Aircraft Model: T182 Serial Number: T1828187 Registration: N53098

AD Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time
93-02-06	ACS and Gerdes ignition Switch inspection	Pre-AW	Installed new Switch during Manufacturing.	Once	
02-26-03	fuel line inspection	Pre-AW	Visual inspection during flight test	Recur	100hr

Compliance verified at time of delivery.
Authorized Inspector Signature and Stamp: SE I97R796N 16 26-Feb-03 C.R.S. I97R796N

CRYSTAL AIR INC.
104 NOWLIN LN, HANGAR 19
CHATTANOOGA, TN 37421

N53098 S/N T18208187 TACH 1280.7 HOBBS 1453.0 2/25/22 AIRFRAME

At this time performed a **ANNUAL INSPECTION** IAW 14 CFR 43, Appendix D (scope and detail) and utilizing 182SMM REV 21 as a guide. Checked cable tension. Installed new fire extinguisher (P/N C352TS) Lubed and greased airframe. Checked brake wear. Changed vacuum filter (P/N AAD9-18-1). Checked ELT IAW FAR 91.207 (d). check good ELT BATTERY DUE FEB 2024

I CERTIFY THIS AIRFRAME TO BE IN AN AIRWORTHY CONDITION IAW A ANNUAL INSPECTIONAT THIS TIME.

BRIAN FLIPPO A&P 3784678 IA

CRYSTAL AIR INC.
104 NOWLIN LN, HANGAR 19
CHATTANOOGA, TN 37421

N53098 S/N 18208187 TACH 1307.3 11/14/22 AIRFRAME

At this time removed nose wheel pant, painted top half and reinstalled.

I CERTIFY ALL WORK DONE TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

BRIAN FLIPPO A&P 3784678 IA

CRYSTAL AIR INC.
104 NOWLIN LN, HANGAR 19
CHATTANOOGA, TN 37421

N53098 S/N T18208187 TACH 1324.6 HOBBS 1507.0 3/6/23 AIRFRAME

At this time performed a **ANNUAL INSPECTION** IAW 14 CFR 43, Appendix D (scope and detail) and utilizing 182SMM REV 21 as a guide. Checked cable tension. Serviced master cylinders with 5606 Lubed and greased airframe. Lubed pilot and co-pilot seat rails. Removed oxygen tank from aircraft for hydro test. New weight and balance added to POH. Packed wheel bearings Checked brake wear. Changed gerter filter. Changed vacuum filter (P/N AAD9-18-1). Checked ELT IAW FAR 91.207 (d). check good ELT BATTERY DUE FEB 2024

I CERTIFY THIS AIRFRAME TO BE IN AN AIRWORTHY CONDITION IAW A ANNUAL INSPECTIONAT THIS TIME.

BRIAN FLIPPO A&P 3784678 IA

AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED
	HOURS	10THS	

wo: 2338 Avionics · page 1 of 1

Thom Duncan Avionics
Right the first time

Thom Duncan Avionics LLC · 37 Airport Rd · Fayetteville, TN 37334 · 833-838-6226 · CRS#: 7D8R648D

N53098 **Cessna, T182T, S/N: T18208187** **March 28, 2023**
hobbs: 1510.1 tach: 1326.7

1. Upgraded GDL69 to GDL69A. Added audio wire from GDL69A rack to audio panel music input 1. Ground checks satisfactory. Removed P/N 011-00986-00 - GDL69 S/N: 47703722, Installed P/N 011-03177-15 - GDL69A SXM S/N: 5P0002224.
2. Install Lemo plugs in rear PAX seats. Ground checks satisfactory. Installed P/N 3231720010 - Lemo Bose jack S/N: 053718Z11870404AE Rev/Lot: PO2402, Installed P/N 3231720010 - Lemo Bose jack S/N: 053718Z11870460AE Rev/Lot: PO2402.

With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Thom Duncan Avionics LLC under work order: 2338.

Thomas Duncan Repair Station 7D8R648D

CRYSTAL AIR INC.
104 NOWLIN LN, HANGAR 19
CHATTANOOGA, TN 37421

N53098 S/N T18208187 TACH 1325.5 3/21/23 AIRFRAME

At this time re-installed oxygen tank after HYDO TEST. NEXT HYDO DUE 3/2028. Installed new seal on bottle. Filled bottle to 500 checked for leaks, purged all ports. Check good. Filled bottle to 1850.

Weight & balance back to normal BF

I CERTIFY ALL WORK DONE TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.
BRIAN FLIPPO A&P 3784678 IA

MAINTENANCE RECORD

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

wo: 2356 Avionics · page 1 of 1

Thom Duncan Avionics
Right the first time

Thom Duncan Avionics LLC · 37 Airport Rd · Fayetteville, TN 37334 · 833-838-6226 · CRS#: 7D8R648D

N53098 **Cessna, T182T, S/N: T18208187** **April 18, 2023**
hobbs: 1514.1 tach: 1329.7

1. Removed and Replaced GA55 XM antenna with new. Final checks satisfactory. Installed per Garmin GA 55 XM antenna install manual 190-01284-00 Rev D Feb 2012 Install D. Removed P/N 011-01033-00 - GA55 XM stud mount antenna S/N: 87505808, Installed P/N 011-01033-00 - GA55 XM stud mount antenna S/N: 87503256.
2. Checked audio wires and repaired #2 music input wires.

With respect to the work performed, this avionics is approved for return to service. Details of work performed are on file with Thom Duncan Avionics LLC under work order: 2356.

Thomas Duncan Repair Station 7D8R648D

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE HOURS	TOTAL TIME IN SERVICE 10THS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
			N53098 Cessna T182T August 23, 2023 Tach : 1359.9 S/N T182-08187 TTAF: 1359.9 Jack aircraft , remove lower nose strut assy, install SK172-1F service kit, reinstall lower strut Service as required. Remove aircraft from jacks. I certify all work done in accordance with Installation instructions and Federal Aviation Regulations and is approved for return to service for the work accomplished. -END OF ENTRY- Signed Date: August 23, 2023 Timothy S. Hart AP 3403977	
			N53098 Cessna T182T October 10, 2023 Tach: 1369.4 S/N T182 /08187 TTAF: 1369.4 Removed engine cowling, removed old chaffe material , clean , install new caffe material on cowlings, recowl engine. I certify all work done in accordance with Cessna Maintenance Manuel and Federal Aviation Regulations Part 43 and is determined to be in Airworthy Condition, -END OF ENTRY- Timothy S. Hart AP 3403977	

MAINTENANCE RECORD

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