

THE
adlogTM

**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

**AIRFRAME
MAINTENANCE
RECORDS**

AIRFRAME MAINTENANCE RECORDS

Log No. 02.

Aircraft Registration No. N 816 EJ

Aircraft Mfg. Cessna Model T182 T Serial No. T18209045

Engine Mfg. Lycoming Model T1D-540-AR1A Serial No. L-13646-61A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCabe Model B3D36C432 Serial No. 110662

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. AFE 26083
AFE 26084
AFE 26085

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

©1979 AeroTech Publications, Inc.

11880904

CALIBRATION CARD ALTIMETER

P/N: 5934PAD-3D

C/N: A.657

S/N: 492477

Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-15	14,000	-55
0	5	16,000	-50
500	0	18,000	-50
1,000	10	20,000	-30
1,500	10	22,000	-30
2,000	20	25,000	0
3,000	15	30,000	25
4,000	20	35,000	30
6,000	5	40,000	
8,000	-20	45,000	
10,000	-35	50,000	
12,000	-50		

Date: 08-Jun-11

Tested by: SM 

Inspected by: DG 

FORM QA-A5 (B)

UNITED INSTRUMENTS, INC.

Tanis Aircraft Products

P.O. Box 117
 Greenwood, MN 56334
 800-443-2136
 www.tanisaircraft.com



Page No. 02

Item: **Engine Preheater**
 P/N: **TAS100-07-104-DT**

S/N: 45495

Eligible On: **See Reverse**

Phone: 1-952-224-4425
 or 1-800-443-2136
 WWW.TANISAIRCRAFT.COM

- This part (and work) to this part
- Con form etc
- Prov the p
- Tan or sl
- Condition
- Part
- Part way
- Dan exp
- Warranty card must have been properly completed, signed by purchaser, and installing mechanic within 60 days of the date of purchase.
- Ship product PREPAID to Tanis Aircraft Products facility.

Part number: **TAS100-07-104-DT**

Serial number: **45495**

Retain this section with aircraft documents.

45
 Cycles: Prop Time
 24.5

Aircraft Comments:
 G1000 System ID: 22E13AD53

Discrepancy: 1

- Problem:**
 11/07/2011
1. Placed aircraft on the ADLOG system ID NO:27510.
 2. Installed the Tanis Aircraft Pre-Heater TAS100-07-104-DT S/N:45495.
 3. Installed the fused connector it for the VDC Electronics 24041-AA-S2 battery charger system, unit S/N:4931609. Only the connector is part of aircraft.
 4. Installed the Cessna oil quick drain valve S1951-5.
 5. Completed the oil and filter change, cut filter and sent in oil wear check, suction screen was found clean. Serviced with Phillips 20/50 XC oil.
 6. Inspected fuel lines per MSB 342F per AD2008-14-07 and no defects noted.
 7. Checked the tires for air pressure.
- Ground test ran. Neg weight changes.
 Brian J. Eklund IA370744080

Suburban Aviation, Inc

4383 Section Road
 Ottawa Lake MI 49267
 (734)856-6103
 www.suburbanaviation.com

Work Order: 12926

Sold To: Edward Jerawski
 32556 Mound Rd Apt 3
 Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 46.1		Hobbs Time: 43.20		Tach Time: 46.1 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	46.1		B3D36C432/80VSA-1	110662	43.7

Aircraft Comments:
 G1000 System ID: 22E13AD53

Discrepancy: 1

- Problem:**
 3/14/2012
- Completed the engine oil and filter change, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and LW16702 Additive AD2011-26-04 per MSB 342F by inspection, no defects noted. Removed the Lycoming (Kelly) fuel pump 201F-5008 S/N:H-OFN005FP per SB11-73-01 R1 and Lycoming Special Advisory No: 109-312 dated 3/7/2012. Installed a Cessna supplied Overhauled pump RG17980U/MRX S/N: B-4924. AD2012-03-06 AV-star fuel servo diaphragm DNA, not installed.
- Updated Nav Database to March 2012 (1203) next due 5-April-2012 Serviced the tires with air.
 Brian J. Eklund IA370744080

APPLICABLE AIRWORTHINESS DIRECTIVES
 OIL ANALYSIS
 AIR REQUIRING APPROVAL
 ENGINE
 PROPELLER
 AVIONICS

Suburban Aviation, Inc.

4383 Section Road
Ottawa Lake MI 49267
(734)856-6103
www.suburbanaviation.com

NG WORK

Work Order: 14543


Sold To: Edward Jerawski
32556 Mound Rd Apt 3
Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 236.7		Hobbs Time: 285.2		Tach Time: 236.7 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	236.7		B3D36C432/80VSA-1	110662	234.3

Aircraft Comments:
G1000 System ID: 22E13AD53
W/S 9/26/2011

Discrepancy: 1

Problem:
9/23/2015
Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. EIT inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), battery is due 3/31/2017. Inspected the fire bottle and weighed. Completed the ESS Diodes and Over Voltage systems using the TE04 box. Found the ACU AC2101 failed tests, removed the S/N:147210 and installed a new unit S/N:L81445, retested good. AMSafe air bags tested. GFC700 servos tested for clutch operation. Replaced the co-pilot phone jack. Load tested the stand-by battery. Inspected the vacuum filters. Checked the lights and serviced the battery. Serviced the wheel bearings and cleaned the brakes. Checked the controls and lubed. Cleaned the aircraft. Updated all databases to current. AD2011-26-04 Per MSB 342G by inspection and no defects noted. Dressed the propeller, tested de-ice boots, inspected hub and touched up black paint on blades. Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and LW16702 additive. Compressions were 1-78, 2-77, 3-78, 4-77, 5-78, 6-78/80. Magnetos were adjusted to 23 degrees. Serviced the spark plugs, tested, rotated and torqued with new gaskets. Cleaned and inspected the fuel injection nozzles, cleaned the fuel strainer screen and replaced the O'ring. Cleaned and inspected the air filter. Lubed the wastegate valve. Inspected the exhaust system, checked torque on clamps. Inspected the alternator and starter installations. Tested the Tanis Pre-heater operation. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.

I certify this Aircraft, Engine and Propeller was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.
Brian J. Eklund IA370744080 

Suburban Aviation, Inc.

4383 Section Road
Ottawa Lake MI 49267
(734)856-6103
www.suburbanaviation.com

Work Order: 14760


Sold To: Edward Jerawski
32556 Mound Rd Apt 3
Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 269.7		Hobbs Time: 325.0		Tach Time: 269.7 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	269.7		B3D36C432/80VSA-1	110662	267.3

Aircraft Comments:
G1000 System ID: 22E13AD53
W/S 9/26/2011

Discrepancy: 1

Problem:
4/14/2016
Completed the engine oil and filter change, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and LW16702 Additive. AD2015-19-07 per MSB 342G by inspection, no defects noted. Cleaned and test ran engine. Loaded the Nav database update and all Garmin databases to current level and tested on ground. Adjusted the baggage door latch.

Brian J. Eklund IA370744080 

SUB-TOTAL this page

TOTAL-Carry forward to next page

Suburban Aviation, Inc.
 4383 Section Road
 Ottawa Lake MI 49267
 (734)856-6103
 www.suburbanaviation.com

Work Order: 14969

Sold To: Edward Jerawski
 32556 Mound Rd Apt 3
 Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 311.7		Hobbs Time: 375.6		Tach Time: 311.7 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	T10-540-AK1A	L-13646-61A	311.7		B3D36C432/80VSA-1	110662	309.3
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							

Discrepancy: 1

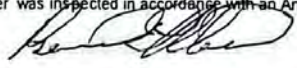
Problem:

9/22/2016

Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. Eil inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), battery is due 3/31/2017. Inspected the fire bottle, tested the AMSafe air bags. Completed the ESS Diodes and Over Voltage systems with TE04 box. Tested the Stand by battery. Oxygen bottle was Hydrostatic tested 9/20/16 and next due 9/30/2021, serviced system and purged lines. Checked the lights and serviced the battery. Adjusted the vacuum regulator up. Serviced the wheel bearings and cleaned the brake guide pins. Serviced the tires with air. Inspected the vacuum filters. Checked the controls and lubed. Cleaned the aircraft. Updated the G1000 data bases to 1610 and tested good. AD2015-19-07 per MSB 342G by inspection and no defects noted. Dressed the propeller, tested the de-ice boots and inspected the hub. Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and LW16702 additive. Compressions were 1-78, 2-78, 3-76, 4-78, 5-77, 6-77/80. Magneto's were at 23 degrees. Serviced the spark plugs, checked the fuel nozzles and strainer screen. Cleaned and inspected the air filter. Inspected the vacuum pump and alternator, starter for condition. Inspected the exhaust system, lubed the wastegate valve. Adjusted the turbo controller and prop RPM settings. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.

I certify this Aircraft, Engine and Propeller was inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Brian J. Eklund IA370744080



ELL 9-30-2023

Suburban Aviation, Inc.
 4383 Section Road
 Ottawa Lake MI 49267
 (734)856-6103
 www.suburbanaviation.com

Work Order: 15401

Sold To: Edward Jerawski
 32556 Mound Rd Apt 3
 Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 379.3		Hobbs Time: 456.1		Tach Time: 379.3 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	T10-540-AK1A	L-13646-61A	379.3		B3D36C432/80VSA-1	110662	376.9
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							

Discrepancy: 1

Problem:

September 29, 2017

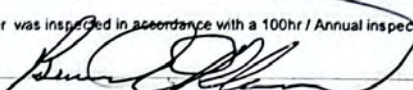
Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. Eil inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), New 455-0012 battery is due 9/30/2023. Completed the ESS Diodes and Over Voltage systems with TE04 box. Tested the AMSafe air bags. Tested the stand by battery. Inspected and weighed the fire bottle. Checked the lights and serviced the battery. Installed the G1000 software 0563.35 per SEB-34-16. Replaced the main tires and tubes. Serviced the wheel bearings and cleaned the brake guide pins, replaced the brake linings. Inspected the belly skin and fairing. Updated the G1000 Data Bases and Nav Data Base. Checked the controls and lubed. Cleaned the aircraft. AD2017-04-06 United Allimeter DNA, AD2017-16-11 Lycoming Rod Bushings, DNA by date per MSB 632B. AD2015-19-07 per MSB 342G by inspection and no defects noted. Dressed the propeller, tested the boots, inspected the hub and spinner. Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and Camguard additive. Compressions were 1-79, 2-76, 3-79, 4-76, 5-79, 6-75/80. Magneto's were adjusted to 23 degrees. Serviced the spark plugs, replaced one due to dropped. Inspected the fuel nozzles, cleaned the fuel strainer screen. Cleaned and inspected the air filter. Inspected the exhaust system, lubed the wastegate valve. Inspected the vacuum pump and filters. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.

I certify that this Aircraft, Engine, Propeller was inspected in accordance with a 100hr / Annual inspection and was determined to be in airworthy condition.

Brian J. Eklund IA370744080



ELT 9-30-2023

DATE	TOTAL TIME IN SERVICE	TACH RECORD METE TIME																																			
			TOTA																																		
			<p>Suburban Aviation, Inc. 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com</p>																																		
			<p>Work Order: 15799</p>																																		
			<p>Sold To: Edward Jerawski 32556 Mound Rd Apt 3 Warren, MI 48092</p>																																		
			<table border="1"> <tr> <td>Aircraft Number:</td> <td>N876EJ</td> <td>Type:</td> <td>CESSNA T182T</td> <td>S/N:</td> <td>T18209045</td> </tr> <tr> <td>Total Time:</td> <td>452.0</td> <td>Hobbs Time:</td> <td>542.9</td> <td>Tach Time:</td> <td>452.0</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>LG Cycles:</td> <td></td> </tr> <tr> <td>Eng#</td> <td>Type</td> <td>S/N</td> <td>Time</td> <td>Cycles</td> <td>Prop Type</td> <td>Prop S/N</td> <td>Prop Time</td> </tr> <tr> <td>1</td> <td>T10-540-AK1A</td> <td>L-13646-61A</td> <td>452.0</td> <td></td> <td>B3D36C432/80V5A-1</td> <td>110662</td> <td>449.6</td> </tr> </table>	Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045	Total Time:	452.0	Hobbs Time:	542.9	Tach Time:	452.0					LG Cycles:		Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time	1	T10-540-AK1A	L-13646-61A	452.0		B3D36C432/80V5A-1	110662	449.6
Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045																																
Total Time:	452.0	Hobbs Time:	542.9	Tach Time:	452.0																																
				LG Cycles:																																	
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time																														
1	T10-540-AK1A	L-13646-61A	452.0		B3D36C432/80V5A-1	110662	449.6																														
			<p>Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011</p>																																		
			<p>Discrepancy: 1</p> <p>Problem: September 21, 2018 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. EIT inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), battery is due 9/30/2023. Completed the ESS Diodes and Over Voltages systems tests with TE04 box. AMSafe Air Bags tested with ramp test set. GFC700 servos tested. Fire Bottle inspected and weighed. Stand by battery load tested. Checked the lights, stall horn, pilot heat, prop heat, static wicks and ground bonding straps. Replaced the battery with new Gill G-243 S/N.G02978953. Replaced the vacuum filters. Serviced the wheel bearings and cleaned the brakes. Checked the controls and lubed. Inspected the belly skins and fairing. Cleaned the aircraft, vacuumed out inside. Tightened door handles. PFD GDU 1044B P/N:011-01274-10 S/N:51255599 was replaced with Garmin Overhauled Exchanged unit S/N:51255317, Loaded the software and configuration files per Garmin Line Manual. Installed the Garmin GTX 345R Software per STC instructions and tested transponder for operation and configuration. Loaded the Navdata Update and the Garmin Databases to current date and tested. AD84-26-02 Installed a new Induction filter and next is due at 952.0. Inspected the fuel lines and clamps per AD2015-19-07 and MSB 342G, no defects noted. Dressed the propeller. Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and Camguard additive. Compressions were 1-78, 2-77, 3-78, 4-77, 5-78, 6-78/80. Magnetos were at 23 degrees. Serviced the spark plugs, the fuel nozzles and strainer screen. New P10-6150 air filter. Torqued the valve cover screws and tightened all oil return clamps. Lubed the wastegate valve. Pressure tested and inspected the exhaust system. Inspected the vacuum pump. Cleaned the manifold pressure fitting. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.</p> <p>I certify that this Aircraft, Engine, Propeller was inspected in accordance with a 100hr / Annual inspection and was determined to be in airworthy condition. Brian J. Eklund IA370744080</p> 																																		

SUB-TOTAL this page

TOTAL-Carry forward to next page

ELB 9-30-2023
 CO 2 Det 9-30-2024

Work Order: 16218

Sold To: Edward Jerawski
 32556 Mound Rd Apt 3
 Warren, MI 48092

Aircraft Number: N876EJ **Type:** CESSNA T182T **S/N:** T18209045

Total Time: 506.6 **Hobbs Time:** 608.4 **Tach Time:** 506.6 **LG Cycles:** _____

Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	506.6		B3D36C432/80VSA-1	110662	504.2

Aircraft Comments:
 G1000 System ID: 22E13AD53
 W/S 9/26/2011

Discrepancy: 1

Problem:
 September 19, 2019
 Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adilog system. Ell inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), battery is due 9/30/2023. AMSafe air bags tested, EMA's are on order. CO2 Detector 452-201-010RX S/N:90798 installed and tested, next due 9/30/2024. ESS Diodes and Over Voltages systems tested with TE04 test set. Fire bottle weighed. GFC700 servos tested. Load tested the stand by battery. Adjusted the vacuum regulator up. Loaded the Nav Data and G1000 Data Bases to 1910. Inspected the static wicks and ground bonding straps. Checked the lights and serviced the battery. Serviced the wheel bearings and cleaned the brake guide pins. Replaced the main wheel fairing outer brackets found cracked. Serviced the tires. Checked the controls and lubed. Cleaned the aircraft. AD2015-19-07 per MSB 342G by inspection and no defects noted.
 Dressed the propeller, tested the de-ice boots, inspected the hub and spinner.
 Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and Carnguard additive. Compressions were 1-78, 2-78, 3-79, 4-78, 5-75, 78/80. Magnetos LH S/N:11041255 and RH S/N:11041257 were serviced with MK631 500 hr kits and inspection, timed on engine at 23 degrees with new gaskets. Installed 12 new URHM37E spark plugs. Pulled and cleaned the fuel injector nozzles, torqued in cylinders and replaced the o-rings with new 951391. Tightened the upper deck line clamps. Cleaned the fuel strainer screen. Cleaned and inspected the air filter. Pressure tested and inspected the exhaust system, lubed the wastegate valve. Cleaned the MP fitting. Replaced #1,2,4 and 6 valve cover gaskets with 06B26669 rubber gaskets. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.
 I certify that this Aircraft, Engine, Propeller was inspected in accordance with a 100hr / Annual inspection and was determined to be in airworthy condition.
 Brian J. Eklund IA370744080

MING WORK

Work Order: 16218

Sold To: Edward Jerawski
 32556 Mound Rd Apt 3
 Warren, MI 48092

Aircraft Number: N876EJ **Type:** C

Total Time: 506.6 **Hobbs Time:** _____

Eng#	Type	S/N	Time
1	TIO-540-AK1A	L-13646-61A	506.6

Aircraft Comments:
 G1000 System ID: 22E13AD53
 W/S 9/26/2011

Discrepancy: 2

Problem:
 I certify that The altimeter/static system were tested and inspect Appendix E Paragraph A and B. Altimeter was tested to 35,000 feet I certify that the ATC transponder was tested and inspected per I Appendix F. Transponder make/model Garmin GTX345R, Autom FAR 91.411 on 9/17/19 in compliance with Part 43 Appendix E P; Suburban Aviation FAA Certified Repair Station 2DHR164C

Signature: _____ Date: Septembe
 Print Name: Brian J. Eklund

Altimeter #1 Mfg Garmin P/N GDC74A 20611053
 Altimeter #2 Mfg United P/N 5934PAD-3D 492477
 Encoder #1 Mfg Garmin P/N GDC74A 20611053
 Trans #1 Mfg Garmin P/N GTX345R 3EH003067

Suburban Aviation CRS 2DHR164C
 Altimeter Test Form

Work Order # K2M #2 N Number 776CF Date 9-19-19

Altimeter	Make	Model	Serial Number
	<u>United</u>	<u>5934 PAD 3D</u>	<u>492477</u>

System: Pilot _____ Co-Pilot _____ Stand-By _____

Altimeter Calibration Test				
Altitude	Tolerance +/-	Reading	Friction Tolerance	Friction Reading
1000	20	1010		
0	20	0		
500	20	500		
1000	20	1000	70	5
3500	25	1500		
2000	30	2010	70	5
3000	30	3000	70	10
4000	35	4000		
5000		5000	70	10
6000	40	6000		
8000	60	8000		
10000	80	9790	80	20
12000	90	11900		
14000	100	13960		
15000		14960	90	30
16000	110	14900		
18000	120	17900		
20000	130	19900	100	30
22000	140	21900		
25000	155	23900	120	30
30000	180	30960	140	30
35000	205	35900	160	40
40000	230		180	

C/M

Pitot/Static Tests		
Pitot	10 MPH	Indicated
Static	100 FPM	10.4
Pitot Heat Test		

Barometric Scale Error		
Tolerance +/- 25 feet		
Pressure in of Hg		Indicated feet
28.10	-10.57	1257
28.50	-90.0	2900
29.00	-42.2	420
29.50	4.8	50
29.90	44.0	440
30.50	97.1	971
30.90	193.3	1933
30.99	141.4	1419

Hysteresis		
Test Point	Tolerance	Reading
50% 5 min	75	17480
40% 1 min	75	18930
After Effect		
440	30	440

SUB-TOTAL this page

TOTAL Qty forward to next page

Suburban Aviation, Inc.

4383 Section Road
Ottawa Lake MI 49267
(734)856-6103
www.suburbanaviation.com

Work Order: 16302

Sold To: Edward Jerawski
32556 Mound Rd Apt 3
Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 516.4		Hobbs Time:		Tach Time: 516.4 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	516.4		B3D36C432/80VSA-1	110662	514.0

Aircraft Comments:

G1000 System ID: 22E13AD53
W/S 9/26/2011

Discrepancy: 1

Problem:

November 20, 2019
Replaced the AMSafe EMA's with Factory Rebuilt units on October 03, 2019. New units S/N: RA03OCT19-2 and RA03OCT19-3. Completed the system tests. Next Due 10/31/2026.
Brian J. Eklund IA370744080



Suburban Aircraft Maintenance & FBO, LLC

4383 Section Road
Ottawa Lake MI 49267
(734)856-6103
www.suburbanaviation.com

Work Order: 16626

Sold To: Edward Jerawski
32556 Mound Rd Apt 3
Warren, MI 48092

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 592.3		Hobbs Time: 711.1		Tach Time: 592.3 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	592.3		B3D36C432/80VSA-1	110662	589.9

Aircraft Comments:

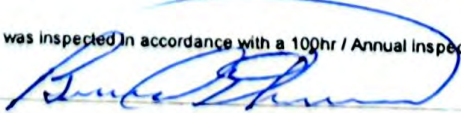
G1000 System ID: 22E13AD53
W/S 9/26/2011

Discrepancy: 1

Problem:

September 16, 2020
Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. EIT inspections IAW Artex 570-1600 Rev J Manual and per FAR 91 207(d), battery is due 9/30/2023. Installed the Cessna / Garmin G1000 software 0563.36 per SEB-34-18. Completed the ESS Diodes and Over Voltage systems tests, tested the AMSafe air bags. Weighed the fire bottle. Load tested the stand by battery. Checked the lights and serviced the battery, replaced the vent fitting. Inspected the vacuum pump and fittings. Inspected the belly skin and fairing. Rotated the left tire. Serviced tires with air, inspected the fairing mounts. Serviced the wheel bearings and cleaned the brake guide pins. Serviced the nose strut with air and greased the fittings. Replaced the left elevator bonding strap. Tested the grounds and static wicks. Inspected the auto pilot servos and tested clutches. Checked the controls and lubed. Cleaned the aircraft.
Dressed the propeller, tested the de-ice boots and inspected the bulkheads.
Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil and Camguard Additive. Compressions were 1-78, 2-78, 3-77, 4-75, 5-77, 6-76/80. Magnetos were adjusted to 23 degrees. Serviced the spark plugs, inspected the fuel nozzles. Completed the AD2015-19-07 per MSB 342G by inspection. Cleaned the fuel strainer screen. Cleaned and inspected the air filter. Pressure tested and inspected the exhaust system. Checked MP fitting. Lubed the wastegate valve. Replaced the oil air separator with new part. Lubed and checked the engine controls. Cleaned the engine down and ground test ran.

I certify that this Aircraft, Engine, Propeller was inspected in accordance with a 100hr / Annual Inspection and was determined to be in airworthy condition.
Brian J. Eklund IA370744080



Registration:	N876EJ	Date:	09 April 2025
Model #	T182T	Tach:	246.3 761.3 3
Serial #:	T18209045	Aircraft TT:	246.3 761.3
		Hobbs:	913.8

Propeller, wings, struts, horizontal & vertical stabilizer, and flight controls were removed from aircraft. The following repairs & inspections were accomplished, as described below by related ATA chapters, in accordance with the latest revisions of the following –

- Cessna Model 172, 182, 206 Single Engine (1996 And On) Structural Repair Manual
- Cessna Model 182 (Series 1997 An On) Maintenance Manual
- Cessna, Lycoming, and associated manufacturer Service Bulletins and information

Time Limits/Maintenance Checks

- NDT inspection accomplished on wing and wing strut fittings by Toledo Jet. For details, see work order #TOL84138.
- Accomplished inspection and maintenance of aircraft after reassembly with reference to Chapter 5-12-01, Inspection Operations 1 thru 4.
- Pitot/static system checked in accordance with Title 14 CFR 91.411, Appendix E. (See Avionics log entry for details)
- Transponder checked in accordance with Title 14 CFR 91.413, Appendix F. (See Avionics log entry for details)
- ELT tested in accordance with Title 14 CFR 91.207. (See Avionics log entry for details)
- Load test accomplished on stand-by avionics battery

Leveling & Weighing

- Aircraft weighed and found to be 2088# with EWCG @ 37.17" and EW moment of 77,612"/#

Placards & Markings

- Replaced left wing fuel placards with new p/n S4004-2 & S4527-1

Servicing

- Serviced engine with Phillips 20W50 oil

Auto Flight

- Autopilot system controls rigged in accordance with Chapter 22-11-00

Electrical Power

- Aircraft battery replaced with new Gill p/n G-243, serial #G03229397
- Replaced avionics master switch with new p/n S3443-1-1
- Replaced 3 circuit breakers with new p/n S2899L5.0 for PFD, Nav2 & Autopilot systems

Equipment/Furnishings

- Replaced carbon monoxide indicator with new p/n NOCO-18
- ELT battery replaced with new p/n 452-6499, s/n 1016204-043 – battery expiration **March 2031**.

Fire Protection

- Cabin fire extinguisher hydrostatic test accomplished by Pitt's Fire Extinguisher, Inc. – next due **Feb 2037**
- Cabin fire extinguisher weighed at 5.25#

Preferred Airparts LLC
Kidron, Ohio

Flight Controls

- Ailerons, rudder, elevators & flaps reinstalled. Flight control systems rigged in accordance with Chapter 27-10-00, 27-20-00, 27-21-00, 27-30-00, 27-31-00, 27-50-00 & 27-51-00

Fuel

- Electric fuel pump, model A8185-B, serial #164042, overhauled by Aviation Component Engineering, LLC; RSA ACER824D, work order #C250050
- Flexible fuel lines at wing root replaced with new hoses

Landing Gear

- Replaced left & right brake line assemblies, p/n 0700099-90 with new, fabricated from 5052-O x 3/16" tubing using original as a pattern.
- Serviced nose strut with Mil-H-5606 hydraulic fluid and nitrogen

Lights

- Wing tip anti-collision lights replaced with new p/n 01-0771994-00, serial #17541640006 & 17934200005 in accordance with Cessna SEB-33-01

Navigation

- Software updates accomplished for GTX345R & G1000 systems. (See Avionics log entry for details)

Vacuum

- Inspected vacuum pump and found to be serviceable
- Replaced vacuum relief valve filter element with new p/n ARB3-5-1
- Replaced gyro filter with new p/n AAD-9-18-1

Fuselage

- Top fuselage skin, p/n 0718000-9, was replaced with new skin, fabricated from .040" 2024-T3 Alclad using original as a pattern.
- Left upper fuselage bulkhead was replaced with new p/n 0710601-79.
- Left wing fillet, p/n 0711685-3, top skin was replaced with new skin fabricated from .025" 2024-T3 Alclad using original as a pattern.
- Upper tail cone skin, p/n 0712504-10, was replaced with new skin, fabricated from .016" 2024-T3 Alclad using original as a pattern.
- Lower aft tail cone skin, p/n 0712525-3, was replaced with new skin, fabricated from .025" 2024-T3 Alclad using original as a pattern.
- FS230.187 bulkhead was replaced with new p/n 0712523-1.
- Stinger assembly was replaced with new p/n 1212010-21.
- Affected areas of repair were repainted with Akzo Nobel primer 10P30-5 and Axalta Imron 'Matterhorn White', 'Metallic Black', & 'Radiant Red'

Stabilizers

- Horizontal stabilizer reinstalled in accordance with Chapter 55-10-00
- Vertical fin reinstalled in accordance with Chapter 55-30-00

Wings

- Left wing, aft fuel bay spar replaced with new p/n 0726014-1
- Left wing, inboard flap rib assembly replaced with new p/n 0725001-1
- Left wing, outboard leading edge skin replaced with new p/n 0723180-1

Preferred Airparts LLC
Kidron, Ohio

- Left wing, upper fuel bay skin replaced with new p/n 0726013-9
- Left wing, inboard trailing edge cove skin replaced with new p/n 0720601-109
- Left wing, top inboard trailing edge skin p/n 0720601-21 replaced with new skin, fabricated from .020" 2024-T3 Alclad using original as a pattern.
- Left wing, landing light lens replaced with new p/n 9910098-3
- Right wing, outboard leading edge skin replaced with new p/n 0723180-2
- Right wing, lower outboard skin p/n 0722000-18 replaced with new skin, fabricated from .020" 2024-T3 Alclad using original as a pattern.
- Right wing, landing light lens assembly replaced with new p/n 9910098-4
- Right wing tip assembly replaced with new p/n 9910098-2
- Left & Right wings and wing struts reinstalled, in accordance with Chapter 57-10-00, Section B, with new hardware including new eccentric bushings, p/n 0512123-1 for both wing attach fittings
- Affected areas of repair were repainted with Akzo Nobel primer 10P30-5 and Axalta Imron 'Matterhorn White', 'Metallic Black', & 'Radiant Red'

Propellers

- Propeller removed, overhauled by H&S Propeller Shop, Inc.; RSA #MQ5R050N, work order #W52000. Propeller reinstalled in accordance with McCauley Propeller Systems Information Manual, MPC26-06, Revision 6, Chapter 61-00-06, Par. 4

Powerplant

- Replaced engine inlet air filter with new p/n P106150

Exhaust

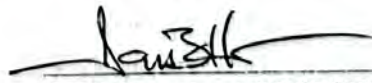
- Replaced turbo to exhaust V-band clamp with new p/n S1921-2.
- Replaced exhaust manifold to tail pipe clamp with new p/n S3262-6 and gasket with new p/n 24096-225-N
- Replaced turbo oil drain adapter gasket with new p/n LW-18038
- Lubricated turbo waste gate with Mouse Milk

Airworthiness Directives (AD) Checked Through Revision 2025-07 & Complied With:

- 2011-10-09 – 'Seat Rails & Seat Roller Housings' – Complied with by visual inspection (Next due 861.3 AFTT or annual)
- 2015-19-07 – 'Fuel Injector Lines & Clamps' – Inspected in accordance with Lycoming MSB 342G (Next due at fuel line maintenance)
- 2020-18-01 – 'Wing Strut Attach Point' – Complied with by visual inspection for cracks extending beyond factory installed service kit (Next due 1761.3 AFTT)
- 2023-09-09 – 'Exhaust V-Band clamp (coupling)' – Inspected and replaced clamp (Next due 1261.3 AFTT)
- 2024-21-02 – 'Connecting Rod Failure' – Inspected oil filter element for presence of bronze debris, none found (Next due at next oil change)

For further details, see Preferred Airparts work order #1168

I certify that this aircraft has been inspected with reference to Cessna Model 182 (Series 1997 An On) Maintenance Manual Chapter 5-12-01, Inspection Operations 1 thru 4 for the purpose of an annual inspection and was determined to be in airworthy condition.



Ian B Hengst -- A&P 3743997 I.R.

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

Preferred Airparts LLC
Kidron, Ohio

Registration:	N876EJ	Date:	09 April 2025
Model #	T182T	Tach:	762.6
Serial #:	T18209045	Aircraft TT:	762.6
		Hobbs:	913.8

Aircraft was flown 1.3 hours for return to service and found to be satisfactory.


Ian B Hengst -- A&P 3743997

Suburban Aircraft Maintenance & FBO, LLC

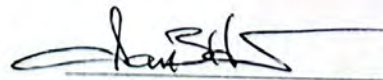
4383 Section Road
Ottawa Lake MI 49267
(734)856-6103
www.suburbanaviation.com

Work Order: 18217	Opened: 4/30/2025 Close Date: 4/30/2025	
Sold To: Preferred Airparts		
Aircraft Number: N876EJ	Type: CESSNA T182T	S/N: T18209045
Total Time: 763.6	Hobbs Time:	Tach Time: 763.6
Eng#	Type	S/N
1	TIO-540-AK1A	L-13646-61A
	Time	Cycles
	763.6	
	Prop Type	Prop S/N
	B3D36C432/80VSA-1	110662
	Prop Time	
		761.2
Aircraft Comments: G1000 System ID: 22E13AD53 XM Weather: Z7KDT0HA W/S 9/26/2011		
Discrepancy: 1		
Problem: April 30, 2025 Completed the AMSafe air bag systems tests with AMSafe Ramp Test set and all systems pass tests. Brian J. Eklund IA370744080		

Preferred Airparts LLC
Kidron, Ohio

Registration:	N876EJ	Date:	02 June 2025
Model #	T182T	Tach:	764.6
Serial #:	T18209045	Aircraft TT:	764.6
Engine Make:	Textron Lycoming	Hobbs:	918.4
Engine Model #:	TIO-540-AK1A	Engine Serial #:	L-13646-61A
Propeller Make:	McCaughey	-----	-----
Propeller Model #:	B3D36C442	Propeller Serial #:	110662

Engine driven fuel pump was removed, overhauled by The Aviation Group, Inc.; CRS #VGOR728L on work order #57154 and reinstalled. Engine run-up was satisfactory.

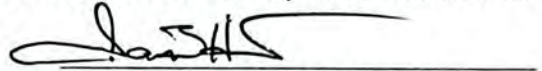

Ian B Hengst -- A&P 3743997

TOTAL-Carry forward to next page

Preferred Airparts LLC
Kidron, Ohio

Registration:	N876EJ	Date:	05 June 2025
Model #	T182T	Tach:	766.1
Serial #:	T18209045	Aircraft TT:	766.1
Engine Make:	Textron Lycoming	Hobbs:	920.3
Engine Model #:	TIO-540-AK1A	Engine Serial #:	L-13646-61A
Propeller Make:	McCauley	-----	-----
Propeller Model #:	B3D36C442	Propeller Serial #:	110662

Standby battery pack replaced with new p/n S4236-7, serial #25C528. Function test accomplished with satisfactory results.


Ian B Hengst -- A&P 3743997

Preferred Airparts LLC
Kidron, Ohio

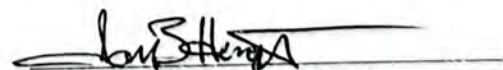
Registration:	N876EJ	Date:	03 September 2025
Model #	T182T	Tach:	772.8
Serial #:	T18209045	Aircraft TT:	772.8
Engine Make:	Textron Lycoming	Hobbs:	927.8
Engine Model #:	TIO-540-AK1A	Engine Serial #:	L-13646-61A
Propeller Make:	McCauley	-----	-----
Propeller Model #:	B3D36C442	Propeller Serial #:	110662

- Installed Kelly Aerospace Thermal Systems, LLC., air conditioning system kit No. KATS-08-006 in accordance with Kelly Aerospace Air Conditioning Installation Manual NC-08-006.
- Replaced headliner with kit No. KATS-08-003 & relocated oxygen bottle in accordance with Headliner Installation & Oxygen Bottle Relocation document NC-14-012.
- Aircraft Flight Manual Supplement NC-08-005 is installed in Pilot's Operating Handbook.
- Aircraft weight & balance records are updated per document NC-08-038.
- Continued Airworthiness shall be accomplished in accordance with Kelly Aerospace Thermal Systems, LLC., Instructions for Continued Airworthiness document NC-08-037.

The work noted above is approved by Kelly Aerospace Thermal Systems, LLC., STC No. SA02006CH.

Airconditioning system serviced with 134a refrigerant by Buckeye Repair LLC and system check was satisfactory.

Fabricated & installed 2-wire battery charger connection harness using MIL-W-22759/16 wire with 15A inline circuit protection fuse. Attached to battery relay and airframe ground with ring terminals. Terminated opposite end with Anderson SB50 plug with protective cover and mounted on forward side of APU plug on firewall. All work accomplished in accordance with AC43.13/1B. Verified continuity & polarity, and tested with charger for proper aircraft electrical operation. No defects noted at this time.


Ian B Hengst -- A&P 3743997

UNSALED

D.O.T. REGISTRATION NO.: B224

TEST LOG

ALL TESTS ARE TO BE PERFORMED PER U.S. CODE OF FEDERAL REGULATION, TITLE 49, SECTION 173.34 AND CGA PAMPHLETS C-1 AND C-6.

DATE: 9-29-2016 SHEET 1 OF 1
 PRESSURE REC. CHART NO.
 CUSTOMER: SUBURBAN AVIATION
 ORDER NO.

COMPANY: HYDROSTATIC TESTING, INC.

STAPLE RECORDER CHART TO BACK OF SHEET (S)

LOCATION: LAMBERTVILLE, MICH. 48144

MAINTAIN TEST LOG FOR LIFE OF TEST

	CYLINDER OWNER	CYLINDER SERIAL NO.	ICC or DOT RATING	DATE MFG.	SERVICE		VISUAL INSP.	TEST PRESSURE	EXPANSION			PERM. EXPANSION RATIO %	PLUS*		STAR**		TEST RESULT CODE	TESTED BY	REMARKS		
					CAP.	GAS			TOTAL	PERM.	ELASTIC		YES	NO	YES	NO					
	CAL CYLINDER	TW-303818		1967			OK	3000	33.0	0	33.0	0.00		X		X		A	AC	9/29/2016	
	CAL CYLINDER	TW-303818		1967			OK	4000	44.0	0	44.0	0.00		X		X		A	AC	9/29/2016	
1	SCI	ALT274-20450	EB162 1850	Mar-11	650 CI	OXY.	OK	3100	119.0	4	115.0	3.36		X		X		A	AC	9/29/2016	
2			TESTED PER DOT EB162									0.0	#DIV/0!								
3			EXPIRES JUNE 30, 2018									0.0	#DIV/0!								
4			TEST 90% - 100% MIN. OF 60 SEC.									0.0	#DIV/0!								
5			8% EXPANSION APPLIES.									0.0	#DIV/0!								
6			BEFORE JULY 1, 2006 TEST EVERY 3 YRS.									0.0	#DIV/0!								
7			AFTER JULY 1, 2006 TEST EVERY 5 YRS.									0.0	#DIV/0!								
8			REE EXPANSION APPLIES.									0.0	#DIV/0!								
9			CYLINDER LIFE 15 YRS. FROM M.F.G.									0.0	#DIV/0!								
10											0.0	#DIV/0!									
11											0.0	#DIV/0!									
12											0.0	#DIV/0!									
13											0.0	#DIV/0!									
14											0.0	#DIV/0!									
15											0.0	#DIV/0!									
16											0.0	#DIV/0!									
17											0.0	#DIV/0!									
18											0.0	#DIV/0!									
19											0.0	#DIV/0!									
20											0.0	#DIV/0!									
21											0.0	#DIV/0!									
22											0.0	#DIV/0!									
23											0.0	#DIV/0!									
24											0.0	#DIV/0!									

HYDROSTATIC TESTING INC.
 2807 SMITH ROAD
 LAMBERTVILLE, MICH. 48144
 (734) 856-3319

* PLUS STAMPING OF CYLINDERS MUST BE IN ACCORDANCE WITH U.S. CODE OF FEDERAL REGULATION (CFR), TITLE 49, SECTION 173.302 (C).
 **STAR STAMPING OF CYLINDERS MUST BE IN ACCORDANCE WITH CFR, TITLE 49, SECTION 173.34 AND CGA PAMPHLET C-5.

Not responsible for damage to valves being removed or replaced, or any cylinder left after 30 days.

TEST RESULT CODE	
A.	PASS
B.	FAIL, PERMANENT EXPANSION EXCEEDS 10%
C.	FAIL, EXCESSIVE ELASTIC EXPANSION
D.	FAIL, VISIBLE DEFECTS, SEE REMARKS
E.	RETESTED, EQUIPMENT FAILURE

THE ABOVE CYLINDERS WERE TESTED UNDER MY SUPERVISION IN ACCORDANCE WITH THE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION

BY: Robert Lackner
 DATE: 9/29/2016

Print Form



Cessna Warranty Registration Application and Customer Aircraft Delivery Checklist

Customer Data
 Customer Name: Edward Jerawski
 Company Name: _____
 Address: 32556 Mount Rd, Apt 3
 City: Warren State: MI Zip: 48092
 Country: USA County: Macomb
 Phone/Fax: 586-264-7438
 Email: _____

Aircraft Data
 Aircraft Serial Number: T18209045
 Engine Serial Number: L-13646-61A
 Registration: N876EJ Aircraft Tach Hours: 5.1
 Warranty Start Date: 9-26-11
 Delivery Date: 9-26-11
 Status: Retail Operational Demonstrator Inventory
 CPC Financial Physical Previously Owned

EJ Would you like the address listed above to supersede any previously registered customer address for Cessna duplicate Initial Owner Advisory (Service Bulletins/POH Revisions/Mandatory G1000 System Software) Notifications?

Delivery Representative / Pilot and Customer Aircraft Acceptance

- PreFlight Inspection
- Acceptance Flight
- Fuel Tanks are Full Other _____

- Presented Recommended Maintenance Program
- Annual Progressive
- 100 Hour PhaseCard

FAA Requirements

Aircraft Packet

- Pilot's Operating Handbook Review General Contents
- G1000 System BackUp Software
- TAWS-B Software
- Cessna contact /Service Facility and Publications Catalog
Information available at www.cessnasupport.com
- Database and current available Subscription options reviewed (NAV, Terrain, Obstacle, FliteCharts, SafeTaxi, and ChartView Databases)

- Customer Care Program Handbook Detailed Review with Delivery Agent
- Review Service Policy Pages
- Complete Warranty Registration Application Form:
-Discuss use of Customer Care Card, determine remaining warranty term available (if demonstrator, etc.)
- Review Cessna Airframe, Engine, Propeller, and Avionics Warranties
- Review Owner Advisory options and complete Acknowledge above (bold note)
- Review Flight Record and Maintenance Records
- Electronic Checklist Functionality Reviewed (if Applicable)
- Review any additional contents of the Aircraft Packet

EJ I have received an XM WX Cockpit Weather Explanation and Acknowledgement* Initial

* I have received an XM/AVX cockpit briefing and functionality test of the system. I further acknowledge that the demo account established with XM/Sirius may automatically deactivate at any time and without advance notice - regardless of time of day, usage or current prevailing weather conditions. Therefore, I have been advised that I should not make flight plans based upon or otherwise rely on the availability of the XM/AVX service unless I first establish with XM an account in my name to continue the service.
GDL 69A S/H 47764445

XM Audio ID HCWGT08P (Cessna Rep)
 Data ID Z7KDT0HA (Cessna Rep)

Cessna Representative:
 I have thoroughly reviewed all items checked above with the customer and have presented the aircraft keys to the customer with confidence and pride. Everything on this form is correct including the warranty start date.
Dana Denton 9/26/2011
 Cessna Representative / Date

Customer Acknowledgement:
 All items checked above have been completed to my satisfaction. I have inspected the aircraft and find it satisfactory. Everything on this form is correct. I understand the Cessna Limited Warranty, its coverage, limitations and exclusions. If previously activated as a demonstrator or operational aircraft, the FAA and Cessna OA Duplicate updates have been changed to reflect my address and I have noted the remaining warranty term for this aircraft is twenty-four months from the warranty start date noted above.
E. A. Jerawski
 Customer Signature / Date

FOR CESSNA USE ONLY

Sales/Service Facility Code _____ Date App Rec'd _____ Date Card Mailed _____ Processed By _____
 Sales/Service Facility Name _____

Original form to be completed and mailed to: Cessna Aircraft Company, Dept. 406, P.O. Box 1996, Independence, KS 67301-1996

Forward Copies to:
 Fax to: 316-517-7271 or e-mail: customer care@cessna.textron.com
 Fax to: 620-332-0903 or e-mail: sewarranties@cessna.textron.com

customer care
 316-517-5800

COPYRIGHT ©2008
 Cessna Aircraft Company
 Wichita, KS USA
 D7496-9-13

Customer
 C. S. T. A. R