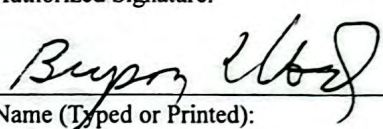


1. Approving National Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: R11-03868	
4. Organization Name and Address: AMETEK B&S Aircraft Parts & Accessories 1414 South Mosley, Wichita, KS 67211-3398, USA, Certificate Number NE2R028L					5. Work Order/Contract/Invoice Number: R11-03868		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	FUEL PUMP	RG17980U/MRX	N/A	1	B-4924	OVERHAULED	
13. Remarks: Approval for Return to Service. Overhauled, reference Crane Lear Romec manual RG17980 series, Rev. 3, 9/18/1991; SB RG17980-73-001, 11/29/1999; Textron Lycoming mandatory SB 539A, 11/22/2000. Ametek B&S Aircraft Parts & Accessories certifies that the work specified in Blocks 12 and 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.145.4228. Full details held on work order R11-03868.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> 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 Number:		20. Authorized Signature: 		21. Approval/Certificate Number: NE2R028L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Bryson L. Voth		23. Date (m/d/y): Jul/21/2011	

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



LYCOMING

Attention: WARRANTY DEPARTMENT
652 Oliver Street
Williamsport, PA 17701-4472
United States of America



ENGINE WARRANTY REGISTRATION CARD

Upon Completion Of This Card And Returning It To Lycoming Engines, You Will Have Registered Your Engine For Warranty.

Engine Serial Number	<table border="1"><tr><td>L</td><td>-</td><td>1</td><td>3</td><td>6</td><td>4</td><td>6</td><td>-</td><td>6</td><td>1</td><td>A</td></tr></table>	L	-	1	3	6	4	6	-	6	1	A	In Service Date	<table border="1"><tr><th>DAY</th><th>MONTH</th><th>YEAR</th></tr><tr><td>26</td><td>09</td><td>11</td></tr></table>	DAY	MONTH	YEAR	26	09	11
L	-	1	3	6	4	6	-	6	1	A										
DAY	MONTH	YEAR																		
26	09	11																		
NAME	<u>Edward A. Jerawski</u>																			
ADDRESS	<u>32556 Mound Rd. Apt. #3</u>																			
CITY	<u>Warren, MI</u>																			
STATE / PROV.	<u>MI</u>																			
ZIP CODE	<u>48092</u>																			
COUNTRY	<u>USA</u>	Model #	<u>T10-540-AK1A</u>																	
Telephone No.	<u>586-264-7438</u>		<u>21.0</u>																	
Email Address	_____		Engine Total Time <table border="1"><tr><td>21.0</td></tr></table>	21.0																
21.0																				

AIRCRAFT REGISTRATION NO. (Tail No.)	AIRCRAFT SERIAL NO. (A MUST)																					
<table border="1"><tr><td>N</td><td>8</td><td>7</td><td>6</td><td>E</td><td>J</td><td>-</td><td>-</td></tr></table>	N	8	7	6	E	J	-	-	<table border="1"><tr><td>T</td><td>1</td><td>8</td><td>2</td><td>0</td><td>9</td><td>0</td><td>4</td><td>5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr></table>	T	1	8	2	0	9	0	4	5	-	-	-	-
N	8	7	6	E	J	-	-															
T	1	8	2	0	9	0	4	5	-	-	-	-										

Form No. 543 (Rev. 07/07)

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. 02

Aircraft Registration No. N 876 EJ

Engine Manufacturer Lycoming

Model TIO-540-AK1A

Serial No. L-13646-61A

Date installed on aircraft 9-21-2011

Time Between Overhauls (TBO) 2000 Hours

778209015

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All Applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of manufacture.

MODEL TIO-540-AK1A SERIAL NO. L-13646-61A

DATE 6/17/11 Charles Hess
(AUTHORIZED REPRESENTATIVE)

LYCOMING LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.
©2010 Avco Corporation All Rights Reserved.
Lycoming Engines is a division of Avco Corporation. Avco Corporation is a wholly owned subsidiary of Textron Inc.

Form No. 777-C (Rev. 6/10)

(All applicable information must be filled in)




AEROTECH PUBLICATIONS INC.

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

©2000 Aerotech Publications, Inc.

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	DATE			
	HOURS	10THS		
2011				
09/21	3	9	Engine model TIO-540-AK1A, S/N L-13646-61A has been installed on aircraft # <u>T18209045</u> with TTAF <u>3.9</u> . TTSN was <u>3.9</u> . This Engine serviced with Phillips X/C 20W50 Engine oil.	 ODA-100129-CE

Suburban Aviation, Inc.

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

Work Order: 12763
Department: SHOP

Sold To: Edward Jerawski
23556 Mound Rd Apt 3
Warren, MI 48092

Aircraft Number: N876EJ	Type: CESSNA T182T	S/N: T18209045
Total Time: 26.9	Hobbs Time: 32.0	Tach Time: 26.9
Eng# Type	S/N	Time Cycles
1 TIO-540-AK1A	L-13646-61A	26.9
Aircraft Comments: G1000 System ID: 22E13AD53		Prop Type Prop S/N Prop Time
		B3D36C432/80VSA-1 110662 24.5

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



SUB-TOTALS this page

TOTALS-Carry forward to next page

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: 54.3		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

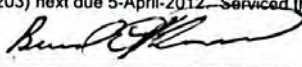
Problem:

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



Suburban Aviation, Inc

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

Work Order: 13228

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 68.6		Hobbs Time:		Tach Time: 68.6 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	68.6		B3D36C432/80VSA-1	110662	66.2
Aircraft Comments: G1000 System ID: 22E13AD53							

Discrepancy: 1

Problem:

10/02/2012

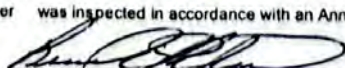
Completed the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. EIT inspections IAW Artex 570-1600 Rev J Manual and per FAR 91.207(d), battery is due 3/31/2017. Tested the ESS Diodes and Over Voltage systems with TE-04 box, tested the AMSafe air bags with AMSafe ramp test box. Checked the lights, replaced the left strobe flash tube. Serviced the battery, tested the standby battery. Serviced the wheel bearings and cleaned the brakes. Completed SEB-32-01 by inspections of brake lines and fairings. Completed SEB-27-01 R2 with new screws in control wheel column guides. Checked the controls and lubed. Cleaned the aircraft. Tightened the sun visors, glued the baggage door seal back on door frame, tightend the air vents found loose, adjusted the parking brake handle. SEL-25-01 AMSafe POH Supplement installed. Completed the SEB-34-02 R1 with new software NAVIINGSW00-03 (0563.26) and 190-00384-12REVA CRG manual for G1000. Installed database updates for GPS, Garmin Charts, APT Directory, Obstacle, Safe Taxi, and Terrain. AD2011-26-04 per MSB 342F by inspection and no defects were noted. AD2012-19-01 was checked IAW MSB 569A and found DNA by engine serial number.

Propeller was removed and installed after resealed by Tiffin Aire, dressed blades, tested the de-ice boots, installed spinner.

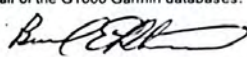
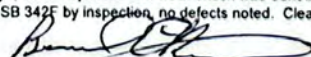
Engine oil and filter changed, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil. Compressions were 1-77, 2-78, 3-78, 4-75, 5-76, 6-78/80. Magnetos were adjusted to 23 degrees. Serviced the spark plugs, the fuel screens, nozzles, strainer and air filter. Inspected the exhaust system, torqued turbo mounting bolts, lubed the wastegate valve. 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



TOTAL S-Carry forward:

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHA																													
			<p>Suburban Aviation, Inc. 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com</p>																												
			<p style="text-align: right;">Work Order: 13878 Opened: 4/09/2014 Closed: 4/09/2014</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 colspan="2">Total Time: 140.3</td> <td colspan="2">Hobbs Time: 168.3</td> <td colspan="2">Tach Time: 140.3 LG Cycles:</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>TIO-540-AK1A</td> <td>L-13646-61A</td> <td>140.3</td> <td></td> <td>B3D36C432/80VSA-1</td> <td>110662</td> <td>137.9</td> </tr> </table> <p>Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011</p>	Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045	Total Time: 140.3		Hobbs Time: 168.3		Tach Time: 140.3 LG Cycles:		Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time	1	TIO-540-AK1A	L-13646-61A	140.3		B3D36C432/80VSA-1	110662	137.9
Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045																										
Total Time: 140.3		Hobbs Time: 168.3		Tach Time: 140.3 LG Cycles:																											
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time																								
1	TIO-540-AK1A	L-13646-61A	140.3		B3D36C432/80VSA-1	110662	137.9																								
			<p>Discrepancy: 1</p> <p>Problem: 4/09/2014 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. Cleaned and inspected the suction screen. AD2011-26-04 per MSB 342F by inspection, no defects noted. Updated the GPS database and all of the G1000 Garmin databases. Cleaned and test ran engine. Brian J. Eklund IA370744080 </p>																												
			<p>Suburban Aviation, Inc. 4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com</p>																												
			<p style="text-align: right;">Work Order: 14003</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 colspan="2">Total Time: 161.8</td> <td colspan="2">Hobbs Time: 194.6</td> <td colspan="2">Tach Time: 161.8 LG Cycles:</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>TIO-540-AK1A</td> <td>L-13646-61A</td> <td>161.8</td> <td></td> <td>B3D36C432/80VSA-1</td> <td>110662</td> <td>159.4</td> </tr> </table> <p>Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011</p>	Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045	Total Time: 161.8		Hobbs Time: 194.6		Tach Time: 161.8 LG Cycles:		Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time	1	TIO-540-AK1A	L-13646-61A	161.8		B3D36C432/80VSA-1	110662	159.4
Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045																										
Total Time: 161.8		Hobbs Time: 194.6		Tach Time: 161.8 LG Cycles:																											
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time																								
1	TIO-540-AK1A	L-13646-61A	161.8		B3D36C432/80VSA-1	110662	159.4																								
			<p>Discrepancy: 1</p> <p>Problem: 7/11/2014 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. Cleaned and test ran engine. Updated the G1000 data bases. Brian J. Eklund IA370744080 </p>																												

SUB-TOTALS this page

TOTALS-Carry forward to next page

Suburban Aviation, Inc.

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

Work Order: 14107

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 181.7		Hobbs Time: 218.3		Tach Time: 181.7 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	181.7		B3D36C432/80VSA-1	110662	179.3
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							

Discrepancy: 1
Problem:
9/24/2014
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. Completed the ESS diodes and Over Voltage systems tests and the AMSafe air bag checks. GFC700 servos tested. Fire bottle inspected. Installed the Garmin database updates and the Jepp GPS database updates. Checked the lights and serviced the battery. Serviced the wheel bearings and cleaned the brake pins. Rotated both main tires on wheels. Checked the controls and lubed. Cleaned the aircraft. Dressed the propeller and tested the de-ice boots, inspected the bulkheads.
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 1-79, 2-78, 3-78, 4-77, 5-78, 6-77/80. Magnetos were at 23 degrees. Serviced the spark plugs, inspected the fuel nozzles. AD2011-26-04 per MSB 342G by inspection. Cleaned the Fuel strainer screen and air filter. Inspected the exhaust system and lubed the wastegate valve. Cleaned the manifold sense fitting. Lubed and checked the engine controls. Cleaned the engine down and ground test ran. SEL-73-02 Engine fuel pump DNA by pump model and serial number.
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: 14380

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 211.5		Hobbs Time: 254.7		Tach Time: 211.5 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	211.5		B3D36C432/80VSA-1	110662	209.1
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							

Discrepancy: 1
Problem:
5/14/2015
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 342G by inspection, no defects noted. Cleaned and test ran engine.
Brian J. Eklund IA370744080

Suburban Aviation, Inc.

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

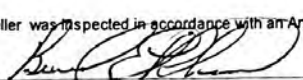
Page No. _____

D-
 FORMING 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-TOTALS this page

TOTALS-Carry forward to next page

Suburban Aviation, Inc.

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

Work Order: 14857

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 296.3		Hobbs Time:		Tach Time: 296.3 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	296.3		B3D36C432/80VSA-1	110662	293.9

Aircraft Comments:

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

Discrepancy: 1

Problem:

7/21/2016

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. Engine fuel servo was found to be very rich and was removed and sent to Penn Yan Aero for testing and repair, unit was disassembled and cleaned, assembled and calibrated the flow on flow bench and found to be working correctly. Servo 2576592-2R S/N:70E23205 was reinstalled with new gasket and ground test ran and set idle rpm and mixture. Serviced the spark plugs and installed with new gaskets. Magnetos were removed and serviced per 500 hr due to bad points, installed new M3081 points in both mags and timed to engine at 23 degrees with new gaskets. Turbo controller 48105-0008 S/N: H-OCN00187 was overhauled by Main Turbo Systems Inc and installed with new O-rings, ground test ran and found all systems are working normal and no leaks.

Aircraft was found airworthy for return to service. End.

Brian J. Eklund IA370744080

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	TIO-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. 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, 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. Magnetos 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

Suburban Aviation, Inc.

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

Work Order: 15189

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

Aircraft Number:	N876EJ	Type:	CESSNA T182T	S/N:	T18209045		
Total Time: 351.0		Hobbs Time: 422.4		Tach Time: 351.0		LG Cycles:	
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	351.0		B3D36C432/80VSA-1	110662	348.6
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							

Discrepancy: 1

Problem:

4/24/2017

Completed the engine oil and filter change, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil Camguard Additive. AD2015-19-07 per MSB 342G by inspection, no defects noted. Cleaned and test ran engine. Completed the Data Base updates. Replaced the Comp/Knobs on the PFD.
Brian J. Eklund IA370744080

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	TIO-540-AK1A	L-13646-61A	379.3		B3D36C432/80VSA-1	110662	378.9
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. EIT 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-34-18. 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. AD2017-04-08 United Altimeter 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. Magnetos 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

Suburban Aviation, Inc.

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

Work Order: 15566

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 405.3		Hobbs Time: 487.4		Tach Time: 405.3 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	405.3		B3D36C432/80VSA-1	110662	402.9
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							
Discrepancy: 1							
Problem: February 28, 2018 Completed the engine oil and filter change, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil Camguard Additive. AD2015-19-07 per MSB 342G by inspection, no defects noted. Tightened the oil return hose clamps. Cleaned and test ran engine. Installed the GPS Database 1803, also updated the G1000 databases AP, OBS, Safe Taxi and Charts. Brian J. Eklund IA370744080							

Suburban Aviation, Inc.

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

Work Order: 15799

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

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	TIO-540-AK1A	L-13646-61A	452.0		B3D36C432/80VSA-1	110662	449.6
Aircraft Comments: G1000 System ID: 22E13AD53 W/S 9/26/2011							
Discrepancy: 1							
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. 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							

Suburban Aviation, Inc.

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

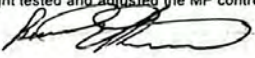
Work Order: 16018

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

Aircraft Number: N876EJ		Type: CESSNA T182T		S/N: T18209045			
Total Time: 474.4		Hobbs Time: 569.9		Tach Time: 474.4 LG Cycles:			
Eng#	Type	S/N	Time	Cycles	Prop Type	Prop S/N	Prop Time
1	TIO-540-AK1A	L-13646-61A	474.4		B3D36C432/80VSA-1	110662	472.0

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

Discrepancy: 1
Problem:
April 03, 2019
Completed the engine oil and filter change, filter inspected and wear check was sent in. Serviced with Phillips 20/50 XC oil Camguard Additive. AD2015-19-07 per MSB 342G by inspection, no defects noted. Cleaned the turbo sence fitting, lubed the wastegate valve. Tightened oil return fittings, valve cover screws. Serviced the tires with air. Updated the G1000 data bases. Cleaned and test ran engine, aircraft was flight tested and adjusted the MP controller to red line in flight.
Brian J. Eklund IA370744080



Suburban Aviation, Inc.

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

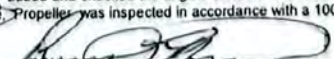
Work Order: 16218

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 Adlog system. Eit 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 Camguard 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



SUB-TOTALS this page

TOTALS-Carry forward to next page

Preferred Airparts LLC
Kidron, Ohio

Registration:	N876EJ	Date:	09 April 2025
Model #	T182T	Tach:	716.3 761.3 #
Serial #:	T18209045	Aircraft TT:	716.3 761.3 #
Engine Make:	Textron Lycoming	Hobbs:	913.8
Engine Model #:	TIO-540-AK1A	Engine Serial #:	L-13646-61A


Accomplished inspection of engine with reference to Cessna Model 182 (Series 1997 An On) Maintenance Manual, Chapter 5-12-01, Inspection Operations 1 thru 4; Textron Lycoming and associated manufacturer Service Bulletins and information.

- Engine de-preserved in accordance with Textron Lycoming Service Letter No. L180B and serviced with Phillips 20W50XC oil
- Replaced engine inlet air filter with new p/n P106150
- Fuel injection nozzles cleaned in accordance with Lycoming MSB 342G and tested for uniform flow. Replaced interconnect hoses with new p/n STD2048 & LW18737. Assembled nozzles with new O-rings p/n 951391
- Fuel injector, RSA-5AD1, p/n 2576592-2, serial #70E23205 overhauled by Ametek B&S Aircraft Parts & Accessories, CRS #NE2R028L, on work order #BFU103658.
- Fuel Flow Divider, p/n 2576564-1, serial #AE03239 overhauled by Ametek B&S Aircraft Parts & Accessories, CRS #NE2R028L, on work order #BFU103659.
- Magneto timing checked and adjusted to 22° BTC
- Spark plugs replaced with new p/n URHB37E
- Inspected engine oil filter and found no debris. Replaced filter with new p/n AA48110-2
- Lubricated turbo waste gate with Mouse Milk
- Checked cylinder compression: #1 – 73/80; #2 – 78/80; #3 – 77/80; #4 – 70/80; #5 – 75/80; #6 – 69/80.

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

- 2015-19-07 – ‘Fuel Injector Lines & Clamps’ – Inspected in accordance with Lycoming MSB 342G (Next due at fuel line maintenance)
- 2024-21-02 – ‘Connecting Rod Failure’ – Inspected oil filter element for presence of bronze debris, none found (Next due at next oil change)

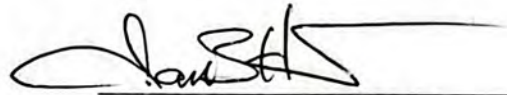
I certify that this aircraft engine has been inspected with reference to Cessna Model 182 (Series 1997 An On) Maintenance Manual Chapter 5-12-01, Inspection Operations 1 thru 4 for the purpose of an annual inspection and was determined to be in airworthy condition.


Ian B Hengst -- A&P 3743997 IA

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:	McCauley	-----	-----
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

Preferred Airparts LLC
Kidron, Ohio

Registration:	N876EJ	Date:	01 July 2025
Model #	T182T	Tach:	766.9
Serial #:	T18209045	Aircraft TT:	766.9
Engine Make:	Textron Lycoming	Hobbs:	921.5
Engine Model #:	TIO-540-AK1A	Engine Serial #:	L-13646-61A
Propeller Make:	McCauley	-----	-----
Propeller Model #:	B3D36C442	Propeller Serial #:	110662

Aircraft was flown for 0.5 hours and a compression check was accomplished with the following results:

Cylinder #	1	2	3	4	5	6
XX/80	74	75	75	75	75	75



Ian B Hengst -- A&P 3743997

Date: Dec. 13, 2025 Cessna T182T N876EJ AFSN: T18209045

Tach: 794.3 Lycoming TIO-540-AK1A Engine SN: L-13646-61A


5. Drained oil and removed oil filter. Cut filter and inspected filter media. Nothing found in filter media.
6. Installed new Champion oil filter and serviced with nine quarts of Phillips 66 Victory 20W-50
7. Next Oil change due Tach: 844.3 or June 2026

Signature: _____

Steven Ameigh

Certificate: 3810452 A&P



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Date: <u>April 20, 2026</u>	<u>Cessna T182T</u>	<u>N876EJ</u>	<u>AFSN: T18209045</u>	<u>Tach: 806,9</u>
<u>Lycoming TIO-540-AK1A</u>	<u>Engine SN: L-13646-61A</u>	<u>TSMOH: 806,9</u>		
<ol style="list-style-type: none"> 1. Removed, cleaned, verified gap, and reinstalled spark plugs, with new gaskets PN: M674 2. Inspected and tested ignition plug leads. 3. Magneto Timing checked at 23 degrees BTDC per Engine Data plate. 4. Compression Test Cold: #1 80/80, #2 79/80, #3 78/80, #4 78/80, #5 78/80, #6 78/80. 5. Inspected and lubricated engine controls. Engine controls checked for security, freedom of movement, and travel limits. 6. Drained oil and removed oil filter. Cut filter and inspected filter media. Nothing found in filter media. 7. Installed new oil filter P/N: AA48110-2, and serviced with nine quarts of Phillips 66 Victory 20w-50 Next Oil change due Tach: 856.9 or Oct 2026. 8. Removed and Replaced Oil Sump Drain Valve. 9. Run up, high power checks are satisfactory. No leaks noted. 10. Complied with AD 2015-19-07 by inspection. No discrepancies noted. 11. Complied with AD 2026-04-11 by inspection. No bronze particulates noted. 12. AD's searched and complied with through Bi-weekly 2026-08. See AD Compliance Record for more information. 				
<p>I certify that this engine has been inspected in accordance with an <u>Annual Inspection</u> and is determined to be in airworthy condition.</p>				
<p>Signature: <u></u> Steven Ameigh</p>				<p>Certificate: <u>3810452 A&P/IA</u></p>

SUB-TOTALS this page

TOTALS-Carry forward to next page

12-3-11

Suburban Aviation, Inc.

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

Work Order: 12763

Opened: 11/04/2011

Department: SHOP

Closed: 11/07/2011

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

Aircraft Number: N876EJ

Type: CESSNA T182T

S/N: T18209045

BO

Here is oil wear ✓
Report FOR the AD 109-
IT HAS A section for the
reports.