



**Cessna**

A Textron Company

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## ENGINE MAINTENANCE RECORD

**AIRCRAFT SERIAL AND REGISTRATION** T18208696 N11847

**ENGINE MODEL AND SERIAL** TIO-540-AK1A L-12447-61A

**INSTRUCTIONS**

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2007				
01/16				

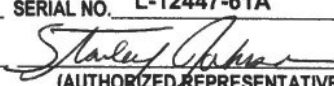
  

T182084916

**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.

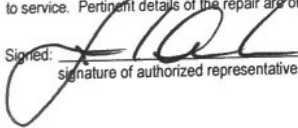

MODEL TIO-540-AK1A SERIAL NO. L-12447-61A

DATE OCT 26 2006   
(AUTHORIZED REPRESENTATIVE)

**LYCOMING**  
A Teledyne Company

**LYCOMING ENGINES**  
652 Oliver Street  
Williamsport, PA 17701 U.S.A.

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2007 04/30	37		<p>Engine model TIO-540-AK1A, S/N <u>1244761A</u> has been installed on aircraft # <u>T18208696</u> with TTAF <u>3.7</u>. TTSN was <u>3.7</u>. This Engine serviced with Phillips X/C 20W50 Engine oil.</p> <p align="center">ENGINE LOGBOOK ENTRY</p> <p>09-21-07      N1184N      TACH: 23.9      TT: 23.9</p> <p>Changed oil and filter. Serviced with 9 quarts Aeroshell 15W50 and CH48110-1 filter. Washed, ran up and leak checked. Lycoming SB 574A does not apply to installed assembly lot/batch numbers. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 15995.</p> <p>Signed:  signature of authorized representative</p> <p align="right">Rite-Way Aviation, Inc. Repair Station YWYR832L 7814 Eagle Lane, Spring, TX 77379</p>	 <b>ODARF100129CE</b>

ENGINE LOGBOOK ENTRY

12-05-07      N1184N      TACH: 50.5      TT: 50.5

Changed oil and filter. Serviced with 9 quarts Aeroshell 15W50 and CH48110-1 filter. Washed, ran up and leak checked. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 16166.

Signed:  signature of authorized representative

Rite-Way Aviation, Inc.  
Repair Station YWYR832L  
7814 Eagle Lane, Spring, TX 77379

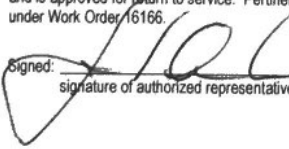
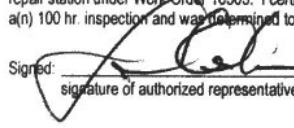
ENGINE LOGBOOK ENTRY

06-12-08      N1184N      TACH: 57.8      TT: 57.8

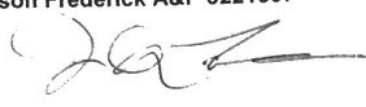
Completed 100 hr. inspection per Appendix D to Part 43. Compressions as follows: #1-74/80, #2-78/80, #3-76/80, #4-71/80, #5-77/80, #6-76/80. Changed oil and filter. Serviced with 9 quarts Aeroshell 15W50 and CH48110-1 filter. Washed, ran up and leak checked. Complied with AD 2002-26-01 (fuel injector lines) by inspection and AD 2008-08-14 (lean engine) by inspection per paragraph (f), (i) due each oil change or 50 hrs. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 16505. I certify that this engine has been inspected in accordance with a(n) 100 hr. inspection and was determined to be in an airworthy condition.

Signed:  signature of authorized representative


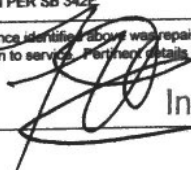
Rite-Way Aviation, Inc.  
Repair Station YWYR832L  
7814 Eagle Lane, Spring, TX 77379

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p align="center">ENGINE LOGBOOK ENTRY</p> <p>12-05-07      N1184N      TACH: 50.5      TT: 50.5</p> <p>Changed oil and filter. Serviced with 9 quarts Aeroshell 15W50 and CH48110-1 filter. Washed, ran up and leak checked. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 16166.</p> <p>Signed:  signature of authorized representative</p> <p align="right">Rite-Way Aviation, Inc. Repair Station YWYR832L 7814 Eagle Lane, Spring, TX 77379</p>	
			<p align="center">ENGINE LOGBOOK ENTRY</p> <p>06-12-08      N1184N      TACH: 57.8      TT: 57.8</p> <p>Completed 100 hr. inspection per Appendix D to Part 43. Compressions as follows: #1-74/80, #2-78/80, #3-76/80, #4-71/80, #5-77/80, #6-76/80. Changed oil and filter. Serviced with 9 quarts Aeroshell 15W50 and CH48110-1 filter. Washed, ran up and leak checked. Complied with AD 2002-26-01 (fuel injector lines) by inspection and AD 2008-08-14 (lean engine) by inspection per paragraph (f), (i) due each oil change or 50 hrs. This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order 16505. I certify that this engine has been inspected in accordance with a(n) 100 hr. inspection and was determined to be in an airworthy condition.</p> <p>Signed:  signature of authorized representative</p> <p align="right">Rite-Way Aviation, Inc. Repair Station YWYR832L 7814 Eagle Lane, Spring, TX 77379</p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME		SIGNATURE, ITE TYPE & BER
	HOURS	10THS	
	<b>DATE: 08/15/2008 TACH: 122.3 N: 1184N MODEL: T182T S/N: T18208696 TOTAL TIME: 122.3</b> <b>ENGINE MODEL: TIO-540-AK1A S/N: L-12447-61A TOTAL TIME: 122.3</b> <b>PROPELLER MODEL: B3D36C442/80VSB-1 S/N: 070058 TT: 122.3</b>		
	Removed oil drain plug and replaced with quick drain. Changed oil and filter. Serviced with 9 qts. Aeroshell 15w50 oil and 2 cans Avblend. Oil filter opened, no metal found. Washed down. Run up satisfactory, no leaks found.		
	<b>BOB GATES AIRCRAFT MAINTENANCE, INC.</b> 5235 Gulf Stream Ct. Loveland, CO 80538 970-461-9999		<b>Jason Frederick A&amp;P 3221507</b> 



**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: ENGINE S/N: REG. NO: 1184N WORK ORDER: 8477</p>  <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p>	DATE: 6/24/2009 A/C TSN: 155.9 ENG TT: HOBBS: 172.6
			<p><b>Engine Entries</b></p> <p>(2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 75/80 #2) 76/80 #3) 77/80 #4) 77/80 #5) 78/80 #6) 75/80                      Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (14) SB 08-74-01, N/A BY S/N...                      (15) COMPLIED WITH AD 2008-14-07, BY INSPECTION PER SB 342E</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p>	 <b>Inspector 2</b> Work Order: 8477 Printed by EBis 3 (datcomedia.com)
			DATE: 6/24/2009 SIGNED: Frank R Galella	



**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9064</p>  <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 7/7/2010 A/C TSN: 208.1 ENG TT: _____ HOBBS: 230.3</p> <p><b>Engine Entries</b> (2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 72/80 #2) 70/80 #3) 72/80 #4) 75/80 #5) 73/80 #6) 75/80 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (7) COMPLIED WITH AD 2008-14-07, FUEL INJECTOR LINES, BY INSPECTION PER SB 342E, OK... (8) AD 2009-28-12, N/A AFFECTED PARTS NOT INSTALLED</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below</p> <p>DATE: 7/7/2010      SIGNED:  <b>Inspector 2</b> Frank R Galella Certified Repair Station No. LKPR101K</p> <p align="right">Work Order: 9064 Printed by EBis 3 (datcomedia.com)</p>	


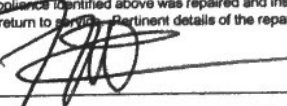
**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9486</p>  <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 7/25/2011 A/C TSN: 223.2 ENG TT: _____ HOBBS: 250.7</p> <p><b>Engine Entries</b> (2) ANNUAL/ENGINE - Drained oil, change filter and/or cleaned screens, no contamination found. Cleaned and gapped spark plugs, check compression using 80 psi as reference: #1) 78/80 #2) 78/80 #3) 77/80 #4) 75/80 #5) 77/80 #6) 75/80 Checked fuel system, drained sumps. Checked mags and timing. Checked prop for leaks and greased if required... (8) COMPLIED WITH AD 2008-14-07 FUEL INJ LINE AND SECURITY INSPECTION PER SB 342F. NO PROBLEM FOUND</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 7/25/2011      SIGNED:  <b>Inspector #1</b> Scott Lundkvist INSPECTOR #1 Certified Repair Station No. LKPR101K</p> <p align="right">Work Order: 9486 Printed by EBis 3 (datcomedia.com)</p>	


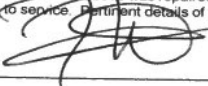
**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9629</p>  <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p><b>Engine Entries</b> (2) Completed oil and filter change, inspected oil filter and found no contamination. Added 9qts of 15w50 oil</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 12/2/2011      SIGNED:  Frank R. Galella Certified Repair Station No. LKPR101K</p> <p align="right">DATE: 12/2/2011 A/C TSN: 229 7 ENG TT: TACH: 229 7 Work Order: 9629 Printed by EBis 3 (datcomedia.com)</p>	



**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9721</p>  <p><b>Lincoln Park Aviation</b> 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450 1 of 1</p> <p><b>Engine Entries</b> (1) Remove slope controller and reseal cover. Reinstall, ops and leak check good</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 3/4/2012      SIGNED:  Inspector 2</p> <p align="right">DATE: 3/4/2012 A/C TSN: 248 ENG TT: <del>248</del> HOBBS: 248 Work Order: 9721 Printed by EBis 3 (datcomedia.com)</p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p align="center">1 OF 1</p> <p align="center">L</p> <p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9747</p>  <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 4/3/2012 A/C TSN: 248 ENG TT: -30.3 HOBBS: 261.3</p> <p><b>Engine Entries</b> (1) COMPLIED WITH SEL 73-01 FUEL PUMP INSPECTION. IAW SEL INSTRUCTIONS. NO HARTZELL PUMP INSTALLED.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 4/3/2012      SIGNED:  <b>Inspector 2</b>      Work Order: 9747</p> <p>Frank R Galella Certified Repair Station No. LKPR101K</p> <p align="right">Printed by EBis 3 (datcomedia.com)</p>	

**MAINTENANCE RECORD**

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>ENGINE MODEL: T10-540-AK1A ENGINE S/N: L-12447-61A REG. NO: 1184N WORK ORDER: 9866</p>  <p><b>Lincoln Park Aviation</b> Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450</p> <p>DATE: 7/16/2012 A/C TSN: 252 ENG TT: TSMOH: TACH: 252</p> <p><b>Engine Entries</b> (2) ANNUAL/ENGINE - DRAINED OIL, CHANGE FILTER AND/OR CLEANED SCREENS. NO CONTAMINATION FOUND. CLEANED AND GAPPED SPARK PLUGS, CHECK COMPRESSION USING 80 PSI AS REFERENCE. #1) 78/80 #2) 78/80 #3) 75/80 #4) 78/80 #5) 78/80 #6) 78/80. CHECKED FUEL SYSTEM, DRAINED SUMPS. CHECKED MAGS AND TIMING. CHECKED PROP FOR LEAKS AND GREASED IF REQUIRED.... (5) Comply with AD 2011-26-04 by inspection in accordance with lycoming SB 342F instructions.... (6) Replace oil cooler baffle support screw with new.</p> <p>The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.</p> <p>DATE: 7/16/2012      SIGNED:  <b>Inspector 2</b>      Work Order: 9866</p> <p>Frank R Galella Certified Repair Station No. LKPR101K</p> <p align="right">Printed by EBis 3 (datcomedia.com)</p>	


**STC aviation services, LLC**

Date: 10/18/2012 Shop Order: \_\_\_\_\_

N# 1184N Type A/C T182 Total Time 301.1 Tach/Hobbs 341.9 TSMO \_\_\_\_\_

Changed oil added 9 qt of A/S 15-50 oil, installed new CH48110-1 filter. Performed engine run and leak check.

The Aircraft/ engine/ prop and/or component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service.

Signed   
Brent Roberts AP528029559IA

\_\_\_\_\_  
 SIGNATURE,  
 E TYPE  
 IER  
 \_\_\_\_\_


**STC AVIATION SERVICES, LLC**

Date: 4/12/2013 S/N T18208696

N# 1184N Type A/C T182 Total Time 357.4 LDG \_\_\_\_\_ Eng's 357.4

Changed oil and filter, added 8qt of A/S 15-50 oil and installed new filter P/N CH48110-1. Installed all new Spark Plugs P/N RHB37E. Performed engine compression test. 1.76 2.76 3.76 4.77 5.74 6.76 all over 80psi. Engine was test run and leak checked. CIW AD2011-26-04 para (i). MSB 342F.

I certify this Aircraft is approved for Return to Service.

Signed   
Brent Roberts AP3295375IA

**MAINTENANCE RECORD**

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


**STC AVIATION SERVICES, LLC**

Date: 7/1/2013 S/N T18208696

N# 1184N Type A/C T182T ATT 386.9 LDG \_\_\_\_\_ Eng's 386.9

Completed 100Hr Engine Prop inspection per T182 Inspection Guide. Changed Oil and Filter Added 8 Qt A/S 15-50 oil and installed new CH48110-1 Filter. Took sample. Compression Check 1.77 2.75 3.76 4.76 5.78 6.76. C/W AD2011-26-04 per SB342 (f), Checked timing and points, Cleaned plugs, and preformed 300 hr injector clean. Pressure Checked exhaust system. Test ran engine and leak checked all systems.

I certify this Aircraft has been inspected I/A/W an 100 HR and Determined Airworthy and approved for Return to Service.

Signed   
Brent Roberts AP3295375IA

\_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_  
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# Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS VNFR171L

**N1184N TACH 420.9 H.M. 476.6 DATE 12/4/2013 W.O. SV3411**

ENGINE S/N: L-12447-61A

OIL AND FILTER CHANGED. COMPLIED WITH SB 480E OIL, OIL FILTER AND SUCTION SCREEN INSPECTION. SERVICED WITH AEROSHELL 15W50 AND CH48110-1. REPLACED #5 INTAKE TUBE GASKET P/N: 71973.

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*  
PAUL PARK, CHIEF INSPECTOR

SIGNATURE,  
ITE TYPE  
& NUMBER

DATE

## ENGINE ENTRY

"N" #:	Make:	Model:	Serial #:	Total Time:	Date:
N1184N	CESSNA	T182T	T18208696	427.4	12/10/2013

### Description

- COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH INDUSTRY STANDARDS.
- INSPECT OIL FILTER FOR CONTAMINATION. REMOVED OIL FILTER, CUT OPEN AND INSPECTED- NO CONTAMINENTS NOTED. INSTALLED NEW FILTER P/N CH48110-1 IN ACCORDANCE WITH CESSNA T182T MAINTENANCE MANUAL, APPLICABLE SECTIONS OF CHAPTER 12-14-02.
- COMPLIED WITH ENGINE CYLINDER COMPRESSION CHECK IN ACCORDANCE WITH AC 43.13-1B, APPLICABLE SECTIONS OF CHAPTER 8 SECTION 1. COMPRESSION FIGURES: #1 76/80, #2 77/80, #3 76/80, #4 77/80, #5 78/80, AND #6 76/80.
- #4 CYLINDER ROCKER COVER SEEPING. REPLACED ROCKER COVER GASKET WITH P/N 75908, ENGINE GROUND RUN AND LEAK CHECKS GOOD IN ACCORDANCE WITH TIO540 OPERATOR MANUAL, APPLICABLE SECTIONS OF SECTION 5.
- #5 CYLINDER LOWER IGNITION LEAD FERRULE CRACKED. REMOVED AND REPLACED FERRULE WITH P/N M1459-10 IN ACCORDANCE WITH UNISON IGNITION LEAD REPAIR INSTRUCTIONS L-1101. OPS CHECKED GOOD.

SIGNATURE,  
IFICATE TYPE  
& NUMBER

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 92334.



SIGNED BY: *Jack Aaron* FOR  
EAGLE AVIATION, INC., 2811 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

**MAINTENANCE RECORD**

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


 Camden, SC 29020  
 Phone: (803) 713-0200 Fax: (803) 713-0017  
 Web: amscamden.com Email: frank@amscamden.com

**N1184N      Date: 1/9/2014      Meter: 500.6**

Engine oil drained. Oil filter removed, cut open and inspected for metal. Added 9 Qts of Aeroshell 15W-50 oil and installed a new CH48110-1 oil filter. Torqued all rocker cover screws. Engine degreased, ground run, and leak checked. No leaks found.

Frank O. Schumpert  A&35656231A



2203 Abline Drive  
Camden, SC 29020

DATE	HK



**AUG 1,2014    N1184N    ENGINE ENTRY HM 558.2    TSN 558.2**  
 ANNUAL INSPECTION COMPLETED ,COMPRESSION CHECKED 80/(1)78,(2)76,(3)78,(4)75  
 (5)78,(6)78.SPARK PLUGS CLEANED AND GAPPED,OIL DRAINED,FILTER REMOVED AND  
 INSPECTED FOR METAL PARTICLES,NONE.ADDED 9 QTS A/S 15W50 OIL AND CH48110  
 FILTER.INSPECTED INTAKE, EXHAUST&TURBO SYSTEM,REPLACED AIR FILTER ELEMENT.  
 REPLACED TURBO FLEXIBLE INLET DUCT.CW AD 2011-26-04 BY INSPECTION OF  
 INJECTOR LINES,ETC PER S/B 342F.BOTH MAGS REMOVED FOR 500 HR INSPECTION,  
 DISASSEMBLED,INSPECTED,RESET 'E' GAPS,REPLACED LEFT MAG DRIVE SEAL,  
 REASSEMBLED,REINSTALLED MAGS AND SET TIMING.ENGINE WASHED AND GROUND RUN  
 CHECKED OK.ALL AD'S COMPLIED WITHTHRU BIWEEKLY 2014-14(SEE LISTINGS IN  
 AIRCRAFT RECORDS).I CERTIFY THIS ENGINEHAS BEEN INSPECTED IN ACCORDANCE  
 WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY  
 CONDITION ON THIS DATE OF AUG 1 ,2014.

JOHN A. KOENIG    A&P 3565366 IA



AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

**MAINTENANCE RECORD**

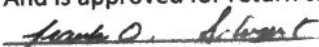
DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			 <p align="center">2203 Airline Drive Camden, SC 29020</p> <p><b>JAN 30 2015 N118AN ENGINE ENTRY TT 606.6</b>  <b>INSTALLED OVERHAUL / EXCHANGE FUEL PUMP DUE TO LEAKING SHAFT SEAL, P/N RG17980 U/M S/N C5253. ENGINE OIL DRAINED OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES (NONE). ADDED 9 QTS. AEROSHELL 15W-50 OIL AND CHANGED FILTER. REPLACED 3 ROCKER COVER GASKETS. ENGINE WASHED AND GROUND RUN CHECKED OK.</b></p> <p><b>JOHN A. KOENIG A&amp;P 3565366</b> </p>	




Aircraft Maintenance Services  
Columbia, SC 29205  
Phone: (803) 708-7191



www.amscolumbia.com Email: frank@amscolumbia.com

DATE	<p>Date 24 June 2015 Meter: 557.4 Engine since new 557.4 100 hour inspection performed this date IAW Cessna 100 hour check list found in maintenance manual.</p> <ol style="list-style-type: none"> <li>1. Diff Comp #1 78/80 #2 78/80 #3 74/80 #4 74/80 #5 78/80 #6 76/80</li> <li>2. Changed oil and filter, cut open filter for inspection, serviced engine with Aeroshell 15W/50W oil.</li> <li>3. All rocker cover gaskets leaking, removed covers and installed new gaskets.</li> <li>4. Performed routine maintenance IAW Cessna 100 hour inspection check list found in maintenance manual.</li> <li>5. Engine cleaned, ground run and leak checked.</li> </ol> <p>I certify that this engine was inspected IAW an 100 hour inspection And is approved for return to service this date, 22 June 2015.</p> <p> Frank O. Schumpert A&amp;P35656231A</p>	<p>SIGNATURE, TYPE OR</p>
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**NOV 19 2015 N118AN ENGINE ENTRY HM 719.2**  
**ENGINE OIL DRAINED OIL FILTER REMOVED + INSPECTED FOR METAL PARTICLES (NONE) ADDED 9 QTS A/S 15W-50 OIL + AA4811D-2 FILTER**  
**ENGINE WASHED + GROUND RUN, NO LEAKS DETECTED.**

**JOHN A. KOENIG A&P 3565366** 

DATE

**N1184N**  
**Hobbs:750.2 TSN:750.2**  
**7-26-16**



NATURE,  
TYPE  
?

**Aircraft Maintenance Services, Inc.**  
1400 Jim Hamilton Blvd, Bldg E  
Columbia, SC 29205  
www.amsolumbia.com

Complied with a 100.hr. inspection per Cessna100hr. checklist and maintenance manual.

1. Oil drained and filter removed for inspection. Added Serviced with 9 qts. Of Aeroshell 15W/50. Installed CH48110 oil filter.
2. Diff. compressions: 1.78 2.78 3.78 4. 77 5.78 6.77
3. Lubed wastegate.
4. Removed and replaced all valve covers.
5. Checked mag timing.
6. C/W AD 2015-19-07 Inspection of fuel injector lines.
7. Engine cleaned and ground run for leak check. No leaks noted/

I certify that this engine was inspected IAWan 100 hr. inspection and is approved for return to service on this date 7-26-16.

Ryan Turiak A@P3653585 *Ryan Turiak*

### MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	
	HOURS	10THS

**IAMSI**  
**Inglewood Aviation Maintenance Services, Inc.**

Inglewood Aviation, Inc. PO Box 1720 Albemarle, NC 28002  
F.A.A. Certified Repair Station No ZA4R693M

Date: 9-12-2017 Tach: 688.0 Hobbs Time: 781.1

<b>Make</b> LYCOMING	<b>Model</b> TIO-540-AK1A	<b>Serial No</b> L-12447-61A	<b>Reg. No</b> N1184N
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ENGINE LOG BOOK ENTRY N1184N  
ENGINE TOTAL TIME IN SERVICE 688.0

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COMPLETED A 100 HOUR / ANNUAL INSPECTION THIS DATE PER IAMSI AAIP AND LYCOMING MM. ENGINE CYLINDER COMPRESSION TEST PERFORMED. CYLINDER COMPRESSIONS ARE: CYL #1 77/80. #2 74/80. #3 73/80, #4 76/80, #5 78/80, #6 76/80. REPLACED ALL SPARK PLUGS DUE TO NORMAL WEAR LIMITS. INSTALLED 8 NEW TEMPEST URHB37E SPARK PLUGS. CHECKED IGNITION TIMING AND IGNITION LEADS. CHANGED OIL AND FILTER. CLEANED SCREENS AND CUT OPEN FILTER AND INSPECTED FOR EVIDENCE OF METAL OR EXCESS CARBON AND NONE WAS FOUND. OIL ANALYSIS TAKEN AND MAILED FOR PROCESSING BY AVIATION LABORATORIES. SERVICED ENGINE WITH 9 QTS AEROSHELL 15W/50 DET OIL AND CH48110-1 FILTER. INSTALLED NEW AIR FILTER ASSEMBLY, DONALDSON P/N P106150. REVIEWED ENGINE RECORDS AND FOUAD AD 2017-16-11 REVISION DATED AUGUST 15, 2017 NOT APPLICABLE TO THIS ENGINE PER LYCOMING SERVICE BULLETIN NO. 632B DATED AUGUST 4, 2017. NO RECORDS OF INTERNAL ENGINE WORK BEING COMPLETED DURING

AUTHORIZED SIGNATURE,  
CERTIFICATE TYPE  
& NUMBER

1/2

### MAINTENANCE RECORD

TOTAL TIME IN SERVICE	
HOURS	10THS

OR AFTER DATED LISTED IN TABLE 2 OF SB 632B AND ENGINE SERIAL NUMBERS LISTED IN TABLE 1. CLEANED FUEL SCREENS AND DRAINED TANKS SUMPS. C/W AD 2015-19-07 FUEL INJECTOR LINES AND CLAMPS PER MSB 342G AND NO DISCREPANCIES FOUND. INSPECTED EXHAUST SYSTEM AND COMPONENTS AND NO DISCREPANCIES FOUND. CHECKED TORQUE ON ALL ROCKER COVER MOUNT SCREWS. WASHED ENGINE AND GROUND RUN UP. ENGINE PERFORMANCE WAS NORMAL AND NO LEAKS FOUND ON A POST ENGINE RUN INSPECTION. LUBED CONTROLS AND CHECKED TRAVEL LIMITS. AD COMPLIANCE REVIEWED THRU ISSUE 9-13-2017. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND THE ENGINE IS APPROVED FOR RETURN TO SERVICE THIS DATE. PERTINENT DETAILS OF THE INSPECTION AND MAINTENANCE COMPLETED ARE ON FILE AT THIS REPAIR STATION UNDER WO 4209R-A DATED 9-12-2017. \*\*\*END\*\*\*

Signed: *Lenny R. Argalal*  
 For: Inglewood Aviation Maintenance Services, Inc.  
 \*CRS ZA4R693M Date 9-12-2017

AUTHORIZED SIGNATURE  
 CERTIFICATE TYPE  
 & NUMBER

(132)  
 2/2