

N2162L

2005 Cessna 182T

Engine Logbook SNEW 2005 - 2024

MSN: 18281662



Prepared by the worldwide aviation specialists at RidgeAire, Inc.

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18281662 N2162L

ENGINE MODEL AND SERIAL IO-540-AB1A5 L-30589-48E

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		
2005				
07/18				18281662

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 IO-540-AB1A5 SERIAL NO. L-30589-48E

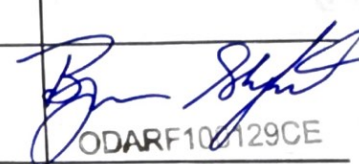

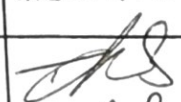
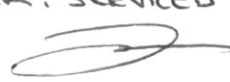
DATE 6/14/05 (AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

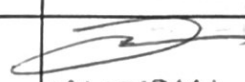
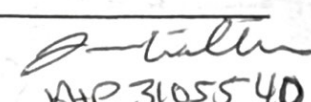

LYCOMING ENGINES
652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
2005				
09/22	39		Engine model IO-540-AB1A5, S/N <u>L-30589-486</u> has been installed on aircraft # <u>18281662</u> . This engine serviced with Phillips Aviation oil type M 20W50 weight.	 ODARF100129CE
12-28 2005	38	8	CHANGED OIL AND FILTER, SERVICED SUMP WITH PHILLIPS 20W-50 TYPE M. -END-	 1A61549441
01-23 2006	55	5	CHANGED OIL AND FILTER - CHANGED SCREEN - SERVICED SUMP WITH AEROSHELL ASW 100 -END-	 A.P. 2827152
MARCH 16 2006	106	3	CHANGED OIL AND FILTER, SERVICED SUMP W/ AEROSHELL 100. LEAK ✓ OK. -END- 	1A61549441

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
MAY 11 2006	158	0	CHANGED OIL AND FILTER, CHECKED SCREEN. SERVICED SUMP W/ AEROSHELL 100. RUNUP + LEAK ✓ OK. -END-	 1A61549441
JULY 26 2006	207	2	CHANGED OIL AND FILTER, SERVICED SUMP W/ AEROSHELL 100. AEROSHELL 100. WASH AND LEAK CHECK GOOD. -END-	 WHP 3105540
SEPT 28 2006	256	5	CHANGED OIL AND FILTER, SERVICED SUMP W/ AEROSHELL 100, CHECKED TIMING AND COMPRESSIONS - #1 75/80 #2 78/80 #3 79/80 #4 78/80 #5 78/80 #6 78/80. REPLACED ALL SPARK PLUGS W/ NEW REM38E, RETORQUED ALL VALVE COVER SCREWS AND CYL DRAIN CLAMPS, CIW AD 2002-26-01, NEXT DUE @ 356.5, CHECKED ADS FOR COMPLIANCE THRU ISSUE 2006-19, WASHED ENGINE, RUNUP AND LEAK ✓ OK, "I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL/100 HOUR INSPECTION PROCEDURES, AND IS APPROVED FOR RETURN TO SERVICE." -END-	 1A61549441

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11-17 2006	310	0	Changed engine oil and filter. Checked and cleaned screen. Serviced w/ 9 qts Phillips 20w50 X/C. Leak check normal. - End -	<i>[Signature]</i> AP 1878753
Jan 11 2007	357	2	Changed engine oil and filter. Checked and cleaned suction screen. Serviced sump w/ 9 qts Phillips 20w50 X/C. Leak check normal. C/W AD 2002-26-01 by visual inspection of fuel injection lines and clamps. Cleaned, gapped and rotated spark plugs. Run-up and leak check normal.	<i>[Signature]</i> AP 1878753
3-22 2007	404	1	CHANGED OIL AND FILTER, SERVICED SUMP WITH 9 QTS OF PHILLIPS X/C 20W50 OIL. RUN UP AND LEAK CHECK NORMAL. - END -	<i>[Signature]</i> IA 61549441

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
24 May 2007	Tach 456.6 Hobbs 540.5		Drained oil, Soap sample taken, Replaced oil filter, cut open old filter, no material found at this time. Added 7 Qts Phillips 20w50 X/C oil, installed oil quick drain plug. Ground run and leak check all ok. C/W AD 2002-26-01 by visual insp of fuel lines. No defects noted at this time. Next due at tach 556.6 or annual. <i>Paul Krueger</i>	AP 2816593A
Aug 18 2007	506	9	CHANGED OIL + FILTER, SERVICED SUMP W/ PHILLIPS X/C 20W-50. REPLACED ALL SPARK PLUGS, CHECKED COMPRESSIONS - #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80. REMOVED + REINSTALLED L + R MAGNETOS AFTER 500 HOUR MAG INSPECTION - SEE 8130 FORMS @ REAR OF LOGBOOK; TIMED TO ONLINE. C/W AD 2002-26-01. NEXT DUE @ 606.9. CHECKED ADS FOR COMPLIANCE THRU ISSUE 2007-16, "I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAN ANNUAL/100 HOUR INSPECTION PROCEDURES, AND IS APPROVED FOR RETURN TO SERVICE!" - END -	<i>[Signature]</i> IA 61549441

MAINTENANCE RECORD



AIR ORLANDO MAINTENANCE, INC.

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Date: 1-10-2008 N2162L
Make: Cessna Model: 182T S/N: 18281662 Tach: 560.8

Changed oil and filter. Cut oil filter and inspected, no metal found at this time. Removed, inspected, cleaned and re-installed oil suction screen. Installed new CH48110-1 oil filter. Serviced sump with 9qts. Phillips 20w50X/C oil. Run-up and leak check normal.—END—

The aircraft listed above has been inspected and repaired IAW manufacturer's maintenance manuals and current FAA regulations and is approved for return to service.

Jeff Huddleston AP2828753

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7.2.08	602	7	CHANGED OIL & FILTER. INSTALLED NEW KELLY AERO ES 48110 OIL FILTER. SERVICED SUMP WITH 9 QTS. PHILLIPS 20W50 X/C OIL. RUN-UP + LEAK CHECK OK	<i>[Signature]</i> APR 2359740
9/14/08	624	0	C/W S.B. 3-08A REPLACED CARBON BRUSH WITH PINAM3215 AND CAM PIN AM3611 BOTH MAGNETOS, S.B. 3-08A NO LONGER APPLIES TO PIN 6351, SIN 05051093 & SIN 05051092 MAGS. COMPLETED 500HR INSPECTION BOTH MAGS. ADJUSTED CONTACTS & TIMING	<i>[Signature]</i> CRSK XRSR1754 WO # 08437
9/16/08	624	0	C/W ANNUAL INSPECTION THIS DATE. COMP VARI ⁹⁰ #276 ⁸⁰ #376 ¹⁸⁰ #476 ¹⁸⁰ #576. CHANGED OIL & FILTER, SERVICED WITH 8 QTS PHILLIPS 20W50. F. Filter INSPECTION SHOWS NO CONTAMINATION. C/W SB3-08 on 51.0k MAGS, REPLACED CARBON BRUSHES, REINSTALLED & TUNED TO ENGINE OPS. VISUAL INSPECTION OF FUEL INJ LINES, NO DEFECTS PUE AGAIN. ALL SPARK PLUGS w/ NEW ORE-M-38. CLEANED, INSPECTED, REINSTALLED A.R. FILTER. ENGINE OIL PRESSURE SENSOR REPLACED WITH NEW P/N P165-5281. ENGINE	724 Tach. Replaced

Replaced all rocker otherwise serviced as needed. Wash down, ops & leak ✓ Good. APPROVED FOR RETURN TO SERVICE. M. Lawson AP2670241

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11.20 08	648	00	OIL PHILLIPS CC X/C SAE 20W-50 8 QRTS OIL FILTER KELLY R220 ES 48110 REPLACED. OLD OIL FILTER CUT + INSPECTED OK CHECKED FOR OIL LEAKS. OK	<i>[Signature]</i> 2159740
4.7 09	693	00	REPLACED OIL + FILTER: PHILLIPS CC X/C SAE 20W-50 8 QRTS. TEMPOST RA 48110. "CANGUARD" ADDED TO OIL ENGINE RUN-UP NO LEAKS. OIL FILTER CUT + NO HEAVY RESIDUE FOUND	<i>[Signature]</i> 2159740
10/1/09	733	00	100 HOUR WAS DONE IN ACCORDANCE WITH FAR'S 43 APPENDIX D 1. Compression Check #1 $\frac{79}{80}$ #2 $\frac{99}{80}$ #3 $\frac{79}{80}$ #4 $\frac{88}{80}$ #5 $\frac{78}{80}$ #6 $\frac{79}{80}$ 2. Change ENGINE OIL AND FILTER 3. CLEANED AND GAPPED SPARK PLUGS 4. Checked FUEL SYSTEM 5. TIGHTEN ALL INTAKE PIPES + ADAPTERS	Check List
			6. INSPECT MAQS AND CHECK TIMMING 7. WASH ENGINE 8. LUBED ENGINE CONTROLS	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
10/1/09	733	00	9. Checked all ENGINE ACCESSORIES 10. checked EXHAUST PIPES AND SHROUDS 11. checked AD's ONLY ONE NEW AD 09-02-03 - AD 63-14-02 12. AD's 03-1403 N/A AD 08-19-05 AN BY MODEL	EXEMPT
			Date <u>10/1/09</u> Tech Time <u>733</u> Total Time <u>733</u> Time S/M/O _____ I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With A <u>100 HOUR ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. A&PA: <u>Edwin Stewart</u>	
			Edwin W. Stewart 004341188	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11.29 09	773	10	OIL REPLACED PHILIPS GG X/C SAE 20W-50 8 QUARTS. OIL FILTER REPLACED KELLY HEROES 48110. OIL FILTER CUT + INSPECTED FOUND OK. ENGINE RUN UP. CHECK FOR OIL LEAKS OK	<i>[Signature]</i> AR 2359740
3.19 10	812	40	OIL CHANGE PHILIPS GG X/C SAE 20W-50 8 QUARTS. OIL FILTER REPLACED KELLY HEROES 48110. OIL FILTER CUT + INSPECTED OK. ENGINE RUN UP OK	<i>[Signature]</i> AR 2359740
10/22/2010	869.	0	INSPECTION WAS DONE IN ACCORDANCE WITH FARNS 43 APPENDIX D CHECK LIST 1. Compression Check #1 $\frac{79}{80}$ #2 $\frac{79}{80}$ #3 $\frac{78}{80}$ #4 $\frac{79}{80}$ #5 $\frac{78}{80}$ #6 $\frac{79}{80}$ 2. CHANGED ENG OIL + FILTER, 3. NEW SPARK PLUGS 4. CHECK MAGS 5. CHECK PWS NO NEW ORES 6. WASH DOWN ENGINE	<i>[Signature]</i> AR 2359740
A&P Edwin W Stewart 004341188				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			Date <u>10/22/2010</u> Tech Time <u>869</u> Total Time _____ Time G/M/O _____ I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With A <u>100 Hour / ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. A&P/I.A. <u><i>[Signature]</i></u> Edwin W. Stewart 004341188	
2/9 2011	914	-	OIL REPLACED PHILIPS GG X/C SAE 20W-50 8 QUARTS. FILTER NOT REPLACED THIS TIME 12 OZ CAM GUARD ADDED	<i>[Signature]</i> AR 2359740
6/8 2011	941		OIL CHANGED : PHILIPS GG X/C SAE 20W-50 8 QUARTS, CAM GUARD 16OZ FILTER CHANGED TEMPEST AA 48110, SUCTION SCREEN CHECKED OK	<i>[Signature]</i> AR 2359740

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
11-02-2011	980.0	0	Checked Spark Plugs, Checked MAGNETOS checked For oil leaks Compression 1 28/80 2 29/80 3 28/80 4 28/80 5 28/80 6 28/80 Date <u>11-02-2011</u> Each Time <u>4168.2</u> <u>980.0</u> Total Time <u>980.0</u> Time S/M/O <u>4168.2</u> I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With A <u>100 Hour/ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. A&P/I.A. <u>Edwin W. Stewart</u> Edwin W. Stewart 004341188	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
3/22 2012	1021	00	ENGINE OIL CHANGED PHILIPS XLE 20W/50. OVERALL INSPECTION OK	<u>Edwin W. Stewart</u> 2359740
7/27 2012	1052	00	ENGINE OIL + FILTER CHANGED PHILIPS XLE 20W/50 AA 48110 TEMPEST OIL FILTER CUT INSPECTED OK	<u>Edwin W. Stewart</u> 2359740
11-29-12	1079	00	100 Hour INSPECTION/ANNUAL New Plugs, New oil and Filter New Vacuum Pump P/N 002W06 and Filters Date <u>11-29-2012</u> Each Time <u>1079.00</u> Total Time <u>1079.00</u> Time S/M/O <u>1079.00</u> I Certify That This <u>ENGINE</u> Has Been Inspected In Accordance With A <u>100 Hour/ANNUAL</u> Inspection And Was Determined To Be In Airworthy Condition. A&P/I.A. <u>Edwin W. Stewart</u>	<u>Edwin W. Stewart</u> 2359740

MAINTENANCE RECORD

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



Boxell Aerospace Company
2700 Fort Trenholm Rd.
Johns Island, SC 29455
843-860-4486

Eng Page: 1 of 1

AC: Cessna 182 REG: N2162L AC S/N: 18281662 Hobbs: 1240.4
 ACTT: UNK Cycles: N/A WO: 12-137 Date: 8/9/2012
 #1 Eng Type: IO-540-AB1A5 #1 ENG S/N: L-30589-48E #1 ENG TT: UNK #1 ENG TACH: UNK

Complied with the following inspections / Tasks:
 -C/W 500 hr inspection on left magneto only.

Maintenance Items:

- Removed left magneto and performed a 500 hr inspection. Replaced out of tolerance parts. Installed same magneto, same position and set mag to engine timing.
- Removed right magneto, model 6351, SN 05051093 and installed factory new magneto model 6351, SN 12050731. Ground run leak and ops checked good.
- All pertinent details filed under this work order.

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service.

Thomas E. Randall
 Thomas E. Randall
 AP36141341A

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
4/23 2013	1111	-	ENGINE OIL REPLACED: PHILLIPS X/E 20W-50 CAM GUARD 1600 ADDED	<i>Edwin W. Stewart</i> APR 2359740
5/8 13	1141		ENGINE OIL CHANGED PHILLIPS X/E 20W-50 CAM GUARD 1600 ADDED OIL FILTER CHANGED TEMPESTED AA 4811D-2	<i>Edwin W. Stewart</i> APR 2359740
11/08/ 13	1171		100 HOUR WAS DONE IN ACCORDANCE WITH FAR'S 43 APPENDIX D. CHECK LIST AND LYCOMING MFA 1. NEW SPARK PLUGS, COMPRESSION CHECK #1 78/80 #2 78/80 #3 79/80 #4 78/80 #5 78/80 #6 79/80 MAG TIMING OK LAND GEAR INSPE	
			LUBE ALL FLIGHT CONTROLS, CHECK ADS	


Date 11-08-2013 Tach Time 1171
 Total Time 1171 Time S/M/O _____
 I Certify That This Aircraft Engine Has Been
 Inspected In Accordance With A 100 Hour / ANNUAL
 Inspection And Was Determined To Be In Airworthy Condition.
 A&P/IA Edwin W. Stewart

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7/11/16	1396	00	OK + TIE ROD CHANGED THINGS COULD BE CAN TIMES T 4810 PROPELLER 3 LADDS SMOOTH + WASH FILTER CUT OPEN CHECKED OK ENGINE RUN UP OK	<i>[Signature]</i> AR 9746 235
12/16/16	1430.0		1. Compression Check #1 $\frac{79}{80}$ #2 $\frac{79}{80}$ #3 $\frac{80}{80}$ #4 $\frac{79}{80}$ #5 $\frac{80}{80}$ #6 $\frac{80}{80}$ 2. Changed oil + Filter 3. Cleaned Spark Plugs 4. Changed Air Filter 5. Check A/D's + Service Bulletins	

Date 12-16-16 Tech Time 1430.0
 Total Time 1430.0 Time S/M/O _____
 I certify That This ENGINE Has Been
 Inspected In Accordance With A ANNUAL / 100 Hour
 Inspection And Was Determined To Be In Airworthy Condition.
 A&P/IA. *[Signature]*
 Erwin W. Stewart 004341180

MAINTENANCE RECORD

DATE	TO IN	HOUF	<p align="center">DAYTONA AIRCRAFT SERVICES </p>	AUTHORIZED SIGNATURE,
				CERTIFICATE TYPE & NUMBER
			<p>N2162L (Engine) Cessna 182T S/N: 18281662 Engine M/N: IO-540-AB1A5 S/N: L-30589-48E</p> <p>Performed the following maintenance:</p> <p>1. Drained the engine oil. Removed, cut open, and inspected the oil filter, no defects noted. Installed a new oil filter (P/N: CH48110-1) and serviced the engine with 12 quarts of Phillips 20W50 X/C oil. Leak checks found to be satisfactory.</p> <p>All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #13180.</p> <p>Daytona Aircraft Services, Inc. 561 Pearl Harbor Drive Daytona Beach, Florida 32114</p>	<p>4/05/2017 Tach: 1435.5</p> <p><i>[Signature]</i> FAA CRS DYTR262K</p>
			-----END-----	

Engine

New Garden Aviation, LLC
 New Garden Flying Field
 PO Box 481 / 1235 Newark Rd
 Toughkenamon, PA 19374
 610-268-2048/Fax 610-268-0342

10/03/2017

N2162L
 Tach: 1466.2
 Hobbs: 1730.6

Make: Cessna C-182T S/N: 18281662 Engine: Lycoming IO-540-AB1A5 S/N: L-30589-48E
 Changed Oil and Filter - Add 9 Quarts Aero shell 5W-50 - Cut open Filter and Inspect, No Contamination Observed (OK).

Ground Run and Released to service

Everitt B duPont
 Everitt B duPont A&P 3341870 IA

MAINTENANCE RECORD

A/C Reg #: N2162L	A/C TT: 1467.30	Eng Make: Lycoming	Eng TT: 1467.30
A/C Ser #: 18281662	A/C Tach: 1467.30	Eng Model: IO-540-AB1A5	
A/C Make/Model: Cessna/182T	Date: 1/18/2018	Eng Ser #: L-30589-48E	
WO #: 11746			


- 1 Complied with an Annual Inspection in accordance with 14 CFR Part 91.409 (a)(1), Part 43.15 and Part 43, Appendix D and servicing items. Drained engine oil and installed new filter P/N CH48110-1. Cleaned and gapped spark plugs. Cleaned screens. Serviced engine with Phillips 20W50 XC oil. Comp. results: 74/76/73/78/75/74 over 80. Performed engine run, leak check and ops check good.
- 2 Complied with AD15-19-07 Fuel Injector Line Inspection with no defects noted. Recurring AD inspection next due in 110 hrs (1577.3 ACTT) or after any maintenance has been done on the engine where any clamp (or clamps) on a fuel injector line (or lines) has been disconnected, moved, or loosened. AD list updated.
- 3 Reviewed Lycoming connecting rod bushing AD 17-16-11 and reviewed aircraft maintenance records. Determined AD does not apply due to no affected maintenance occurred during affected time frame. AD list up dated.

I certify that this engine was repaired and/or inspected in accordance with current FAA regulations and is airworthy with respect to the work performed and is approved for return to service. Pertinent details are on file under the work order identified above.




Timothy L. Monroe
 Timothy L. Monroe
 Summit Aviation, Inc.
 SMTR2081 Airframe Class 3, Radio 1, 2, 3

MAINTENANCE RECORD

DATE	T I	HOUR	ENGINE MODEL: IO-540-A1B1A5 ENGINE S/N: L-30589-48E REG NO: N2162L WORKORDER: 18218	 Lancaster Aero, LLC. 311 Airport Drive Box 7 Smoketown, PA 17576 Phone: 717-394-5805	DATE: 1/10/2019 AC TSN: 1555.9 ENG TT: 1555.9 TSMOH: TACH: 1555.9	SIGNED SIGNATURE, CERTIFICATE TYPE NUMBER	
			Engine Entries · Complied with engine 100 hour inspection items. Cleaned and gapped spark plugs and checked magneto timing. · Compression test: #1 72/80 #2 72/80 #3 78/80 #4 78/80 #5 78/80 #6 72/80 · Changed oil and filter. Cut old filter open and inspected for contamination. No discrepancies noted. Serviced with Philips 20W-50. · Removed, cleaned, and reinstalled fuel injector nozzles. · Replaced gasket for oil pressure relief valve. · Cleaned engine. · Complied with A.D. 15-19-07 injector line inspection, no discrepancies noted. Next due at tach time 1665.9 · Completed ground run, no discrepancies noted				
			I certify that this engine has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy condition.				
			DATE: 1/10/2019	SIGNED: <i>Dallas Glick</i> Dallas Glick, IA 3571893	Work Order: 18218	Printed by EBis 3 (datcomedia.com)	


ENGINE ENTRY

DATE	TOT/IN SI	HOURS	"N" #:	Make:	Model:	Serial #:	Tach Time:	Date:	SIGNED SIGNATURE, CERTIFICATE TYPE NUMBER	
			N2162L	CESSNA	182T	18281662	1573.3	04/23/2019		
			Description							
			1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii). 2. #6 CYLINDER HAS COMPRESSION AT LIMITS - INSPECTED #6 CYLINDER AND FOUND COMPRESSION AT LIMITS AND LEAKING PAST EXHAUST VALVE. REMOVED CYLINDER AND INSTALLED REPAIRED P/N LW13870. SERVICED ENGINE WITH 9 QTS OF AEROSHELL 100 MINERAL OIL. GROUND RAN, OPERATIONAL AND LEAK CHECK GOOD. WORK PERFORMED IAW LYCOMING SERVICE TABLE OF LIMITS SSP-1776 AND IO-540-AB1A5 OVERHAUL MANUAL, APPLICABLE SECTION OF SECTION 6. NEW COMPRESSION READING IS 74/80. MINERAL OIL CHANGE DUE IN 25 HOURS OR 1598.3 TACH. 3. #1, #2- & #4- CYLINDER INDUCTION TUBE HOSES FRAYED - REMOVED AND REPLACED #1, #2 & #4 INDUCTION TUBE HOSES WITH NEW P/N 69603. GROUND RAN, NO LEAKS NOTED. WORK PERFORMED IAW LYCOMING IO-540-AB1A5 SERVICE TABLE OF LIMITS SSP-1776.							
			*****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. 95779.							
					SIGNED BY: <i>Wendy</i> FOR EAGLE AVIATION, INC., 2861 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		
8/8/19	8.75	.2	Replaced vacuum pump part # AA3215CC Ran engine, tested ok. Lucas Wagenaar A&P 3611579 IA	<i>[Signature]</i>

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		 Summit Aero Excellence in Aircraft Maintenance	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			A/C: N2162L _____ Eng Mod :Lyc- IO-540-AB1A5 S/N: 18281662 _____ Eng Sr. :L-30589-48E A/C TSN: <u>1586.3</u> ENG TT. : <u>1586.3</u> TSMOH: _____ TACH: _____	
			Performed annual inspection on engine I.A.W. FAR43 Appx D. 1. Cleaned and gapped sparkplugs 2. Serviced engine with 9 qts Aero Shell 100, replaced oil filter CH48110-1 3. Replaced EGT temp sensor on Cyl #1 (part number PN86343) 4. Compression test: 1-72, 2-68, 3-72, 4-78, 5-76, 6-78/80 5. Test ran engine no leaks found	
			I certify that this engine has been inspected I.A.W. an annual inspection and was found to be in airworthy condition.	
			DATE: 4/4/2020 Lucas Wagenaar A&P 3611579 IA	<i>[Signature]</i>

MAINTENANCE RECORD

Engine - page 1 of 1

wo: WO_985



SIGNATURE,
ATE TYPE
MBER

First Line Aero, LLC · 458 CR 1618 · Rusk, TX 75785 · 903-316-8331

DATE	
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2023	

N2162L
TACH: 1601.8

LYCOMING, IO-540-AB1A5, S/N: L-30589-48E

March 20, 2023

Performed pre-buy insp. Compression test cylinders 63, 70, 78, 76, 72, 74/80, cleaned, tested and reinstalled spark plugs with new washers. Drained oil, took oil sample, inspected oil screen and filter media. Replaced oil filter. Serviced oil with Phillips XC20W50, P/N AN900-16 - Crush Gasket, P/N AA48110-2 - Tempest Oil Filter, P/N AOA Oil Sample Kit, Installed (8 qt) P/N XC20W50 - Oil, (12) P/N M674 - Spark Plug Gasket. Work done in ref to 182MM and Lycoming MM as required. Leak check performed after mx, no leaks noted. With respect to the work performed, this engine is approved for return to service.

T.J. Hunter A&P/IA 3554698

Norman Hunter

wo: WO_985

Airframe - page 1 of 1



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N2162L
TACH: 1601.8

CESSNA, 182T, S/N: 18281662

March 20, 2023

C/W 12 MO Garmin standby battery capacity check, and main aircraft battery capacity check. Ops check normal after test. With respect to the work performed, this aircraft is returned to service.

T.J. Hunter A&P/IA 3554698

Norman Hunter

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
7/18/23	1610	2	Replaced Servo RSA-5API part # 2576544-3 due to fuel leak. Tested for leak Test ran engine no problem found Lucas Wagenaar A&P-IA 3611579 <i>[Signature]</i>	



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