

		Place	Date
Mfr.	<i>Lycoming</i>		
Type	<i>H-exposed</i>	Model <i>O-360-A1F6D</i>	Serial No. <i>L-18154-36A</i>
Rated H. P.	<i>180</i>	Maximum H. P. <i>180</i>	Weight (Dry)
Rated R. P. M.	<i>2700</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure
Bore		Stroke	Displacement Cu. In.
Compression Ratio		Supercharger Ratio	Gear Ratio
Propeller	<i>McCaulley</i>	Hub Design <i>B2D.34C208</i>	Hub Serial No. <i>735936</i>
Blade Design <i>82PA-6</i>	Blade Serial	Blade Serial	Blade Serial
Maximum Hub H. P.		Maximum Blade H. P.	
Pitch <i>1/12.1°</i> <i>4/26.0°</i>		Diameter <i>76"</i>	Length

12-21-2006 S/N L-18154-36A TACH: 2020.7

ENGINE MEETS REQUIRMENTS OF MAJOR OVERHAUL AFTER COMPLETION OF TEST RUN. STEEL PARTS MAGNUFLUXED, CASE ZY-GLOED AND FOUND FREE OF CRACKS AT THIS TIME. ALL CYLINDERS GROUND P010 & WELDED BY HARRISON ENGINE SERV WO#s 74685 THRU 74689. CAM & FOLLOWERS GROUND BY ROCK AVIATION WO#s 11846-2 & 11846-6. THE FOLLOWING PARTS INSTALLED NEW: 1-SL61084 OIL SPRING, 1-SL1028-B OIL BALL, 2-SL13884 BEARINGS, 4-SL11020 BEARINGS, 8-SL13521 ROD BEARINGS, 8-SL71903 C/W BUSHINGS, 2-14W21696 C/W ROLLERS, 2-SL72797 C/W ROLLERS, 8-SL71907 C/W PLATES, 8-SL14820 C/W CLIPS, 4-SL73810 CRANK BUSHINGS, 1-SL76121 TACH SHAFT, 1-SL18109S OIL GEAR KIT, 4-SL75089 P010 PISTONS, 4-ST203 P010 RING SETS, 8-60828 PIN PLUGS, 4-LW14077 PISTON PINS, 8-SL75061 ROD BOLTS, 8-SL12186 NUTS, 4-SL19001 EX VALVES, 4-SL74230 EX GUIDES, 8-SL31C-12 EX STUDS, 8-SL11795 & SL11800 VALVE SPRINGS, 8-SL60009 & SLMS13997-3 VALVE KEYS, 4-SLMS13998-3 ROTO CAPS, 1-SL75439-1 GASKET KIT, 4-SL69603 HOSES, 4-SLSTD1821 HOSES, 4-SL75906S GASKETS, 1-72566 RING GEAR, 8-URHM40E SPARK PLUGS. DISASSEMBLED, CLEANED & INSPECTED MAG, ALT, STARTER & CARB. REASSEMBLED USING THE FOLLOWING PARTS; MAG S/N 1535 POINTS, FRONT BEARING, IMP SPRING & DIST BLOCK. ALT S/N 7011253 BOTH BEARINGS & BRUSHES. STARTER EXCHANGED FOR OVERHAULED UNIT NEW S/N A602116. CARB S/N RU-13-873 ALL GASKETS & DRAIN PLUG. PROP GOV OVERHAULED BY PROFESSINAL AIRCRAFT ACCESSORIES. WO# 35571. INSTALLED OVERHAULED 40295 FUEL PUMP S/N AA21916. C/W Ads 00-18-53, 96-12-07 R3, 96-09-10, 90-04-06 R1. C/W SB 518B. ENGINE NOT INSTALLED IN AIRCRAFT AT THIS TIME. END. KLINE AVIATION, INC.

PAUL KLINE 368620104 IA

HOURS 10THS

DATE	DURATION	TOTAL TIME HOURS 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3/23/07	TACH-2030.7 ENG TT-2020.7 T.S. O/H- 0.0		INSTALLED ON A/C N#34759 S#17701985	Jerome [Signature]	AAP 226801209
6/5/07	TACH 2041.9 ENG TT 2041.9		CHANGED OIL & FILTER. SERVICED ENGINE WITH 8 qts. OF AGRO-SHELL STRAIGHT MINERAL OIL. FILTER CH 48103. R. GRAVES - OWNER [Signature]		
8/26/07	TACH- 2069.4 ENG TT- 2069.4 T.S. O/H 48.7		CHANGED OIL & FILTER. SERVICED ENGINE W/ 8 QTS. AGRO-SHELL 15W-50. FILTER CH 48103. R. GRAVES - OWNER [Signature]		

DATE	DURATION	TOTAL TIME HOURS 10THS	REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
6-08	TACH- 2087.4 TT - 2087.4 T.S. O/H- 66.7		1) PERFORMED 100 HR INSP. 2) C/W ALL ROUTINE SERVICING. 3) C/W OIL & FILTER CHANGE & CLEANED SCREENS SERVICED W/ 8 QTS AGRO-SHELL 15W50 4) CLEANED, GAPPED, INSP. ALL PLUGS 5) CYL. DIFF. PRESS. TEST #1 75/80 #2 78/80 #3 74/80 #4 75/80 6) PERFORMED ENG MAINT. OPERATIONAL INSP. GOOD I CERTIFY THAT THIS ENG. HAS BEEN INSP. I/H/W A 100 HR INSP. & WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION [Signature] AAP 3315816		
12/13/08	TACH 2094.8 TT 2094.8 T.S. O/H 74.1		SERVICED ENGINE W/ 8 QTS STRAIGHT MINERAL OIL. FILTER CH 48103.		

DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY
4-18-08	TACH- 2090.0 ENG TT- 2090.0 T.S. O/H- 69.3			1) REMOVED CARB. & SENT OUT FOR REPAIR. 2) REINSTALLED CARB. FOLLOWING REPAIR BY GAN AIRCRAFT. 3) PERFORMED GRD RUN, LEAK CK & ADJ. CARB SETTINGS AS NECESSARY. [Signature] AAP 3315816

Jeremy Sells
LOG ID# 5 23 February 2010 WO# 100 HOBBS 159.2
N34759 S/N 17701985 CESSNA 177B TACH 2236.9

Pg 1 / 1

Performed oil change with 7 quarts of 15W50 oil. Replaced old oil filter with a new filter
P/N AAY8103. Run-up/leak check was o.k. this date.

Signed [Signature] 2/23/2010 Date 2/23/2010 Refer to #2 engine log for correct placement

AAP 17786781 Jeremy Sells

10	HOURS	10ths
5-1-09	TACH INDICATES 2102.4 hrs. CHANGED oil & FILTER	
8 qts	15W50 oil & 48103 FILTER. Replaced Brocheton intake	
Seal #20	& Screen in Carb air box. Jirah R. Ben	IA344442576

Date 5-1-09 T.T. 2102.4 Hr. Meter or Tach. Indication TSMOH 81.7
 TSTOH Engine Inspection Performed in Accordance With FAR PART 43.
 Engine Compartment Engine Mount Engine Controls Cowling
 Cleaned Fuel Injector Nozzles Cleaned & Gapped Spark Plugs
 Checked Cleaned Air Filter Cooling Baffles Cylinder Base Studs
 Crankcase Bolts & Nuts Intake & Exhaust Systems Oil Screens Oil
 Filter Changed Old Filter Element Checked Fuel Sumps Drained and
 Checked Fuel Screens Checked Magneto Points & Timing Checked
 Carburetor Heat Checked Prop Governor Checked Prop Condition Check
 Nicks Removed From Prop Leading Edges Differential Compression Check
 as follows: #172/80, #271/80, #373/80, #472/80, #5 /80, #6 /80, #7 /80
 #8 /80, #9 /80. AD Compliance List at Rear of Log. AD Compliance Check
 Through Issue 14-09. I Certify That This Engine Has Been Inspected In
 Accordance With A Annual Inspection and Was Found to be in Airworthy
 Condition. signed Jirah R. Ben A&P # IA344442576

7-16-09	TACH INDICATES 2144. Changed oil 7 qts Aradoc shell 15W50	
& 48103	FILTER - no leaks. Jirah R. Ben	IA344442576

TOTAL TIM IN SERVICE		
HOURS	1	
		<p>Date <u>10-2-09</u> T.T. <u>2200.4</u> Hr. Meter or Tach. Indication <u>TSMOH 179.7</u> TSTOH <u>Engine Inspection Performed in Accordance With FAR PART 43.</u> Engine Compartment <u>Engine Mount</u> <u>Engine Controls</u> <u>Cowling</u> Cleaned <u>Fuel Injector Nozzles</u> <u>Cleaned & Gapped Spark Plugs</u> Checked <u>Cleaned Air Filter</u> <u>Cooling Baffles</u> <u>Cylinder Base Studs</u> Crankcase Bolts & Nuts <u>Intake & Exhaust Systems</u> <u>Oil Screens</u> <u>Oil</u> Filter Changed <u>Old Filter Element Checked</u> <u>Fuel Sumps Drained and</u> Checked <u>Fuel Screens Checked</u> <u>Magneto Points & Timing Checked</u> Carburetor Heat Checked <u>Prop Governor Checked</u> <u>Prop Condition Check</u> Nicks Removed From Prop Leading Edges <u>Differential Compression Check</u> as follows: #170/80, #274/80, #372/80, #473/80, #5 /80, #6 /80, #7 /80 #8 /80, #9 /80. AD Compliance List at Rear of Log. AD Compliance Check Through Issue <u>2009-20</u>. I Certify That This Engine Has Been Inspected In Accordance With A <u>Annual</u> Inspection and Was Found to be in Airworthy Condition. signed <u>Jirah R. Ben</u> A&P # <u>IA344442576</u> 1. Changed oil 8 qts Shell 15W50 & 48103 filter.</p>

Jeremy Sells
 LOG ID# 5 23-February-2010 WO# 100 HOBBS 159.2
 N34759 S/N 17701985 CESSNA 177B TACH 2236.9

Pg 1 / 1

Performed oil change with 7 quarts of 15W50 oil. Replaced old oil filter with a new filter P/N AAY8103. Run-up/leak check was o.k. this date.

Signed Jeremy Sells 227786781

2/23/2010
 Date

Rochelle
Avionics

1201 W. Gurler Rd. Rochelle, IL 61068
LOG ID# 27 13-May-2010 WO# 100/12
N34759 S/N 17701985 CESSNA 177B TACH 2284.4

Pg 1 / 1

PERFORMED OIL CHANGE WITH 7 QUARTS OF 15W50 OIL. REPLACED OLD FILTER WITH NEW FILTER P/N AA78103. RUN-UP LEAK CHECK WAS O.K. THIS DATE.

J. Sells

327786781 JEREMY SELLS

5/13/2010
Date

IN SERVICE			DESCRIPTION OF THE WORK PERFORMED	TIME & NUMBER
19	HOURS	10ths		
6-5 2010	2300.0	055	279.3 SMOIT PERFORMED MAINTENANCE AND INSPECTION USING & 24 CYCLING, SERVICE MANUAL AS GUIDE CLEANED AND GAPPED PLUGS TESTED COMPRESSION #1 79/80 #2 75/80 #3 72/80 #75/80 CHECKED CONTROLS ADJUSTED CARBURETOR CABLE REPAIRED AIR BOX CHECKED KICK STARTER ISSUED 200-10 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. WAM A Johnson AXP5513869491A	
9-13-10	2358.3		R&T started with new EB375A Drive by Aircraft Systems Inc Checked System OK JKKR AP 15848944	

MAINTENANCE RECORD

Rochelle
Avionics

1201 W. Gurler Rd. Rochelle, IL 61068 3RCR424B
LOG ID# 48 10-August-2010 MA-100
N34759 S/N 17701985 CESSNA 177B
HOBBS 279.9 TACH 2339.0

Pg 1 / 1

Performed oil change with 7 quarts of Aeroshell 15W50 oil. Replaced old oil filter with a new filter P/N AA48103. Run leak check was o.k. this date.

J. Sells

327786781 Jeremy R. Sells

8/10/2010
Date

Rochelle
Avionics

1201 W. Gurler Rd. Rochelle, IL 61068 3RCR424B
LOG ID# 99 16-February-2011 WO# 100
N34759 S/N 17701985 CESSNA 177B
TACH 2398.0

Pg 1 / 1

PERFORMED OIL CHANGE WITH 7 QUARTS OF 15W50 OIL. REPLACED OLD FILTER WITH NEW FILTER P/N AA48103. RUN-UP LEAK CHECK WAS O.K. THIS DATE.

J. Sells

A&P 327786781 Jeremy Sells

2/16/2011
Date

Rochelle
Avionics

1205 W. Gurler Rd. Rochelle, IL 61068 3RCR424B
LOG ID# 115 05-April-2011 WO# 247/1
N34759 S/N 17701985 CESSNA 177B

Tach: 2410.1
Hobbs: 362.2

Pg 1 / 1

REMOVED STARTER P/N MZ4218 S/N A602116 TAKEN TO AIRCRAFT SYSTEMS FOR REPAIR/OVERHAUL.
RE-INSTALLED ORIGINAL STARTER AFTER REPAIR, SEE THEIR WO #45202, 8130 DATED 3/23/2011.
REFERENCED CESSNA SERVICE MANUAL P/N D841-7-13-RPC-200-9/89, CHANGE 7 DATED JULY 1, 1977.
RUN-UP AND OPERATIONAL CHECK WAS O.K. THIS DATE.
BASED ON THE WORK PERFORMED THIS AIRCRAFT WAS REPAIRED AND INSPECTED I.A.W. CURRENT FAR'S
AND APPROVED FOR RETURNED TO SERVICE.

J. Sells

A/P #327786781 Jeremy Sells

4/5/2011
Date

429.7	SMOH
2450.4	TACH
2450.4	TOTAL TIME
7/20/2011	DATE

1. Compression 1) 77/ 2) 78/ 3) 75/ 4) 74/80
2. Clean, gap, test plugs
3. Cheanged oil and filter - inspect old filter - refill with Shell 15-50 oil
4. Removed magneto s/n 1535 mag was overhauled
5. Installed new EGT probe
6. Pressure checked exhaust system
7. Check airbox - installed new filter element
8. Tightened and resaftied dipstick tube
9. Checked engine controls
10. Wash down engine
11. Ground run

I certify that this engine has been inspected in accordance with an
annual inspection and was found to bein an airworthy condition

David Noe IA 3497722

POPLAR GROVE AIRMOTIVE, INC.

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
10/5/11	2498	4	CHANGED OIL & FILTER. SERVICED ENGINE w/ 7QTS 15W50 FILTER AA48103. LEAK CHECK - OK. N. GARMICHAEL - OWNER	348 665477

POPLAR GROVE AIRMOTIVE, INC.

Date-5-9-12

Tach-2561.0

ENGTT-2561.0

SMOH-540.3

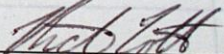
N34759

- 1-Completed ANNUAL Inspection IAW Cessna 177B inspection report.
- 2-Checked Engine controls for freedom of movement.
- 3-Lubed engine per maintenance manual
- 4-Cleaned, inspected and regapped all spark plugs
- 5-Removed All cylinders due to cracking and installed repaired cylinders from Poplar Grove Airmotive Inc. See WO# 4724 for details.
- 6-Drained oil and removed oil filter. Checked filter for contamination, none found. Added 7qts Aeroshell 100M oil and AA48103-2 filter
- 7-Checked AD's for compliance thru 2012-03-17 see AD log for details
- 8-Comp Test-#1-76 #2-79 #3-77 #4-78/80

certify that this ^{ENGINE} has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition at this time.

Randall S. Miller 466558003IA

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10ths		
5/21/2012	2575	0	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 7 QTS 15W50 AND FILTER AA48103. LEAK CHECK - OK. N. CARMICHAEL - OWNER	348 665477
9/24/12	2629	0	CHANGED OIL & FILTER. SERVICED ENGINE WITH 7 QTS 15W50 AND FILTER AA48103. LEAK CHECK - OK. N. CARMICHAEL - OWNER	348 665477
04/18/13	2681	4	CHANGED OIL & FILTER. SERVICED ENGINE WITH 7 QTS 15W50 AND FILTER AA48103-2. LEAK CHECK - OK. J. THOMPSON - OWNER	2830495

TO IN HOL	2716.5	TACH TIME	N34759
	695.8	SMOH	
	2716.5	TOTAL TIME	
	7/24/2013	DATE	
DESCRIPTION OF THE WORK PERFORMED			
<div><div><div>1. Compression 1-79, 2-78, 3-78, 4-79/80</div><div>3. Installed and saftied new oil filter</div><div>5. Cleaned, gapped, tested and rotated spark plugs</div><div>7. Replaced front crankshaft seal</div><div>9. Checked engine controls for travel and security</div><div>11. Ground ran and leak checked</div></div><div><div>2. Drained oil and inspected filter for contaminates- none found</div><div>4. Serviced with 7 quarts Aeroshell 15W-50</div><div>6. Pressure tested exhaust system</div><div>8. Checked and reset magento timing</div><div>10. Checked all fuel sumps and screens</div></div></div>			
<div>I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition</div> <div><div></div><div>Nicholas Cotter IA 3073624</div><div>POPLAR GROVE AIRMOTIVE, INC.</div></div>			

HOURS	10ths	DESCRIPTION	CERTIFICATE TYPE & NUMBER
2778	0	Changed Oil + Filter. Serviced engine with 7qts. 20W50 + Filter AA48103-2. Leak Check OK. J. Thompson - owner	2830495
2803.9 TACH 783.2 SMOH 2803.9 TOTAL TIME 6/27/2014 DATE		N34759 I certify that this engine has been inspected in accordance with an annual inspection and was found to be in an airworthy condition. Terry L. Aavang IA3496617 POPLAR GROVE AIRMOTIVE, INC.	
1. Compression 1-78, 2-79, 3-79, 4-76/80 3. Installed new oil filter and refilled with 7quarts 15W-50 Aeroshell oil 5. Installed (8) new tempest URHM40E spark plugs 7. Removed muffler for repair 9. Checked fuel screen 11. Ground run and checked for leaks 2. Drained oil and checked oil filter 4. Checked magento timing and ignition leads 6. Pressure checked exhaust system 8. Reinstalled muffler after repair by Dawley, WO 110426 10. Checked engine controls for travel and security			

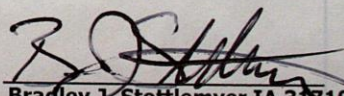
19	HOURS	10ths	DESCRIPTION	CERTIFICATE TYPE & NUMBER
9/22/14	2850	2	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 7 QTS 20W50 AND FILTER AA48103-2. LEAK CHECK OK. N. CARMICHAEL OWNER	348665477
20792 W.O.# 2914.8 TACH 7/9/2015 DATE		N34759 Completed Annual inspection this date, performed all routine maintenance. Checked compression: #1-74, #2-78, #3-76, #4-78. Changed oil and filter, serviced with 20W-50 XC. Cleaned and gapped plugs. Checked exhaust system. Removed and reinstalled magneto after 500hr inspection. (P/N 10-382555-11, S/N 1535) Checked engine controls for travel and security. Cleaned fuel screen. Installed missing exhaust nut on #2 cylinder. Replaced scat hose from airfilter to carburator. Weld repaired airbox, reinstalled and rigged Carb heat. Test ran and leak checked. End I certify that this engine has been inspected I/A/W an Annual inspection and has been determined to be in airworthy condition. Nicholas P. Catter 3073624IA POPLAR GROVE AIRMOTIVE, INC.		

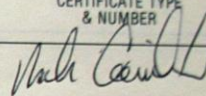
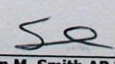
19	HOURS	10ths	DESCRIPTION	CERTIFICATE TYPE & NUMBER
2/5/16	2972	2	CHANGED OIL AND FILTER. SERVICED ENGINE WITH 7 QTS 20W50 AND AA48103-1 FILTER. LEAK CHECK OK.	348665477
06/16/16	3025	2	Changed Oil and Filter. Serviced Engine with 6 1/2 Qts 20W50 and AA48103-2 Oil Filter. Leak Check OK	2830495 ATP

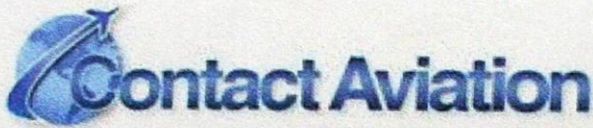
21223	WO#	
3072.9	TACH	ENG TT: 3072.9
8/2/2016	DATE	SMOH: 1032.2
		N34759

1. Compression 1. 76/80 2. 76/80 3. 76/80 4. 76/80.
2. Drained oil and inspected oil filter for contaminants - none noted.
3. Installed and saftied new AA48103-2 oil filter.
4. Serviced engine with Phillips 20w50X/C oil.
5. Cleaned, gapped and rotated spark plugs.
6. Checked magneto timing.
7. Pressure tested exhaust.
8. Checked engine control travel and security.
9. Checked airbox condition.
10. Checked all fuel sumps and screens.
11. Washed down engine.
12. Ground run up and leak checked.

I Certify that this Engine has been inspected IAW an Annual inspection and was determined to be an airworthy condition at this time.


Bradley J. Stottlemeyer IA 3181042
POPLAR GROVE AIRMOTIVE, INC.

IN SERVICE			DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE & NUMBER									
19	HOURS	10ths											
11/20/16	3118	5	CHANGED OIL + FILTER. SERVICED ENGINE WITH 7QTS PHILLIPS 20W50 XC OIL AND AA48103-2 FILTER. LEAK CHECK OK.	 318668477									
<table border="1"> <tr> <td>21509</td> <td>WO#</td> <td></td> </tr> <tr> <td>3126.8</td> <td>TACH</td> <td>3126.8 ENGINE TT</td> </tr> <tr> <td>5/3/2017</td> <td>DATE</td> <td>1086.1 ENGINE TSMOH</td> </tr> </table>			21509	WO#		3126.8	TACH	3126.8 ENGINE TT	5/3/2017	DATE	1086.1 ENGINE TSMOH		N34759
21509	WO#												
3126.8	TACH	3126.8 ENGINE TT											
5/3/2017	DATE	1086.1 ENGINE TSMOH											
			<ol style="list-style-type: none"> 1. Drained oil, cleaned screen. 2. Removed and cut oil filter. 3. Installed new Tempest oil filter P/N AA48103-2. 4. Serviced with 8 qts of Phillips XC20W-50 oil. 5. Cleaned and gapped spark plugs. 6. Checked mag timing. 7. Compression as follows: #1 78/80, #2 70/80, #3 76/80 and #4 76/80. 8. Checked engine controls and rigging. 9. Washed engine. 10. Ground run satisfactory. 										
I Certify that this Engine has been inspected in accordance with the procedures of a 100 Hour inspection and was found to be in an airworthy condition this date.			 Simon M. Smith AP 394726725IA POPLAR GROVE AIRMOTIVE, INC.										



FAA Repair Station OA5R086N
1675 Airport Road
Waterford, MI 48327

Date 10/08/18 Reg. No. N34759 SN. 17701985
W/O 18214 Hobbs Hours: 1228.6 Old Tach 3163.9 New Tach 0.0

1. Complied with 100HR/ annual inspection in accordance with Cessna 177 Maintenance manual and FAR Part 43 appendix D.
2. Performed Engine AD research and log book review.
3. Performed engine compression check results as follows: Cylinder #1 77/80, Cylinder #2 74/80, Cylinder #3 75/80, and Cylinder #4 76/80.
4. Performed oil and filter change in accordance with Lycoming S.B. 480F. Cut filter and inspected element, no debris was found. Removed and replaced oil filter P/AA48103-2.
5. Serviced with 7 quarts of Phillips 20W 50 oil.
6. Cleaned, set the gap, tested and rotated the spark plugs.
7. Pressure tested the engine exhaust system. No leaks were found.
8. Checked and set the magneto timing.
9. Checked Engine controls for free and correct movement.
10. Checked the fuel sump and screens.

Page 1 of 2

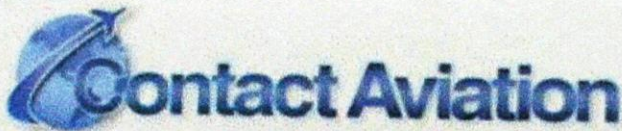
Date 10/08/18 Reg. No. N34759 SN. 17701985
W/O 18214 Hobbs Hours: 1228.6 Old Tach 3163.9 New Tach 0.0

11. Ran the engine on the ground and checks for oil leaks. None were found.
12. Installed JPI bayonet type CHT probe part number 5050 on each engine cylinder. See FAA Form 337, dated October 8, 2018 for details.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation regulations and found to be airworthy and is approved for return to service.

CRS OA5R086N

Page 2 of 2



FAA Repair Station OA5R086N
1675 Airport Road
Waterford, MI 48327

Date 5/15/2020

Reg. No. N34759

SN. 17701985

W/O 18559

Hobbs Hours: 1262.5

Tach 29.3

1. Complied with 100HR/ annual **ENGINE** inspection in accordance with Cessna 177 Maintenance manual and FAR Part 43 appendix D.
2. Performed Engine AD research and log book review.
3. Performed engine compression check results as follows: Cylinder #1 77/80, Cylinder #2 74/80, Cylinder #3 75/80, and Cylinder #4 76/80.
4. Performed oil and filter change in accordance with Lycoming S.B. 480F. Cut filter and inspected element, no debris was found. Removed and replaced oil filter P/AA48103-2.
5. Serviced with 7 quarts of Phillips 20W 50 oil.
6. Cleaned, set the gap, tested and rotated the spark plugs.
7. Pressure tested the engine exhaust system. No leaks were found.
8. Checked Engine controls for free and correct movement.
9. Checked the fuel sump and screens.

Page 1 of 2

Date 5/15/2020
W/O 18559

Reg. No. N34759
Hobbs Hours: 1262.5

SN. 17701985
Tach 29.3

10. Ran the engine on the ground and checks for oil leaks. None were found.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation regulations and found to be airworthy and is approved for return to service.

CRS OA5R086N

Page 2 of 2

06/01/2021 Tach: 59.6 TTE:3223.5 SMOH: 1143.2 Lyc: O-360-A1F6D/L-19948-36A

Inspected engine IAW FAR 43 appendix D and Cessna's service manual as reference.

#1 75/80 #2 75/80 #3 74/80 #4 78/80.

Drained and serviced 8 qts of 20W50 XC and CamGuard. Replaced oil filter CH48103-1. Cleaned, inspected and tested spark plugs. Mag timing check good.

04-10-14C1 Due @ prop strike

I certify that this engine has been inspected IAW a 100hr inspection and was determined to be in airworthy condition.

Gregory E. Smith 369544480 IA

Gregory E. Smith

06/07/2023 Tach: 84.2 TTE:3223.5 SMOH: 1143.2 Lyc: O-360-A1F6D/L-19948-36A

Inspected engine IAW Cessna's service manual as reference.

#1 77/80 #2 79/80 #3 70/80 #4 75/80

Drained and serviced 8 qts of 20W50 XC and CamGuard. Replaced oil filter CH48103-1. Inspected oil filter and sump screen with no issues. Cleaned, inspected and tested spark plugs. Mag timing check good.

I certify that this engine has been inspected IAW a 100hr inspection and was determined to be in airworthy condition.

Gregory E. Smith 369544480 IA

Gregory E. Smith

TIME
VICE

101

6/14/2024 Cessna 177B N34759 SN 17701985 Tach Time: 1,361.6
Hobbs 115.0 TTS MOH: 1,174.0 100HR. Inspection: Engine
Cold compression: #1 74, #2 74, #3 72, #4 70, Drained oil and cut open oil
filter no metal at this time. Serviced with 7 qtrs. of Phillips 20W50 and
installed AA48103-2. Cleaned and checked spark plugs, rotated and
installed with new gaskets. Checked mag timing. Mag 500HR done @
2914.8 next due: 3,414.8. Replaced 3 inch Scat line engine baffle to oil
cooler w/new. C/W ADS see AD list. I certify that this engine has been
inspected IAW a 100 hour inspection and was determined to be in an
airworthy condition. Using Cessna 177 maintenance manual. 1968-1977
Service Manual D841C6-13-Rand-1300 7/76 Revised 1 July 1976

Scotty Butler

A&P 3021434 IA

AUTHORIZED SIGNATURE,
CERTIFICATE TYPE
& NUMBER

Hobbs 115.0

Tach 1,361.6

(Power Flow) FCA

6/14/2024

100HR

Exhaust

Inspection

C/W

No cracks

found at this time.

Removed

Adjuster

from slip joints &

anti-seized all

joints. Reinstalled w/new gaskets.

Next due:

215.0

Scotty Butler

Scotty Butler

A&P 3021434

ths

10/21/2024 Cessna 177B N34759 SN 17701985 ~~Tach Time~~ ^{Hobbs} 1,375.0

~~Hobbs~~ 125.5 TTSMOH: 1,187.4 Engine:

~~Tach~~

Removed all 4 cylinders for repair (D&B engine see 8130) reinstalled after repair. Removed mag for 500HR inspection (D&B engine see 8130)(next due: 625.5 hobbs) retimed after. Installed 2 new mag capacitors PN KA10-400574. Installed new mag harness PN M2916R. Installed 8 new spark plugs URHM40E. Removed Carb for O/H by (A.C.I.S.T see 8130) installed after. Drained oil and serviced w/7 qtrs. Aero shell 80 mineral oil. Adjusted prop gov. for 2700 RPM. Installed all new scat tubing. Cessna 177 maintenance manual. 1968-1977 Service Manual D841C6-13-Rand-1300 7/76 Revised 1 July

Scotty Butler  A&P 3021434

1/14/2025 Cessna 177B N34759 SN 17701985 ~~Tach Time~~ ^{Hobbs} 1,384.8

~~Hobbs~~ 134.5,

~~Tach~~

Removed Aux fuel pump and installed new pump PN 1216012-1. Removed spark plugs and cleaned and tested and reinstalled after. Changed oil with 7 qtrs. Aero shell 100 mineral oil, Cut open oil filter no metal found at this time and changed oil filter with AA-48103-2. Adjusted engine idle RPM to 800 RPM. All work performed IAW Cessna 177 maintenance manual. 1968-1977 Service Manual D841C6-13-Rand-1300 7/76 Revised 1 July 1976.

Scotty Butler  A&P 3021434

2/17/2025 Cessna 177B N34759 SN 17701985 ^{Hobbs!} Tach Time: 1,402.8
Hobbs. 151.3

TACH
Cold Compression check on cylinders as follows #1 79/80 #2 79/80 #3 79/80 #4 79/80. Drained mineral oil out and re-serviced with 7 Qtrs. Of Aero shell W100 oil. Aircraft is returned to service. All work performed IAW Cessna 177 maintenance manual. 1968-1977 Service Manual D841C6-13-Rand-1300 7/76 Revised 1 July 1976.

Scotty Butler  A&P 3021434

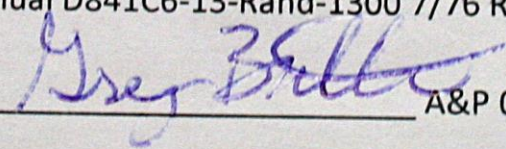
2/17/ 2025 Cessna 177B N34759 SN 17701985

Tach Time: 151.3

AD 2024-21-02 N/A by engine overhaul date: 12-21-2006

Scotty Butler  A&P 3021434 IA

6/5/2025 Cessna 177B N34759 SN 17701985 Tach Time: 169.6
Hobbs: 1,422.9 TTSMOH: 1,228.6 100HR. Inspection: Engine
Hot compression: #1 79, #2 79, #3 79, #4 79, Drained oil and cut open oil filter no metal at this time. Serviced with 7 qtrs. of Aero shell W100 and installed AA48103-2. Cleaned and checked spark plugs, rotated and installed with new gaskets. Checked mag timing. Mag 500HR done @ 625.5 tach time. C/W ADS see AD list. I certify that this engine has been inspected IAW a 100 hour inspection and was determined to be in an airworthy condition. Using Cessna 177 maintenance manual. 1968-1977 Service Manual D841C6-13-Rand-1300 7/76 Revised 1 July 1976

Greg Butler  A&P 003075250 IA