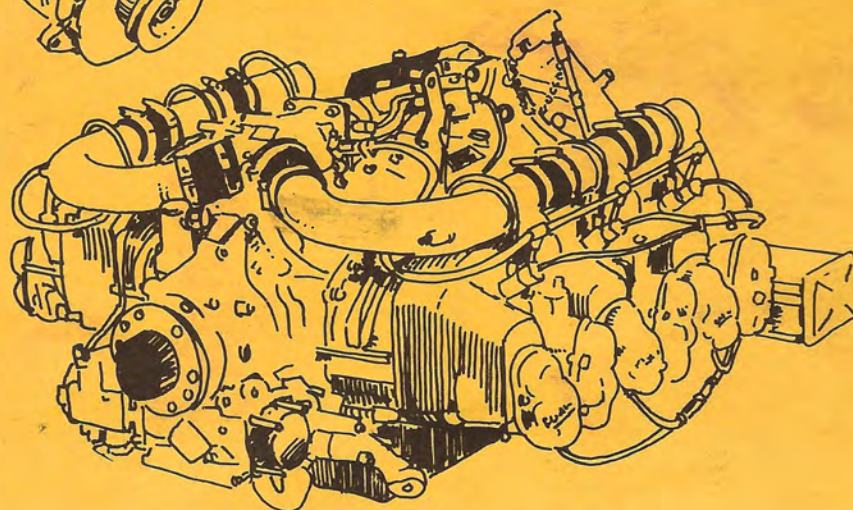
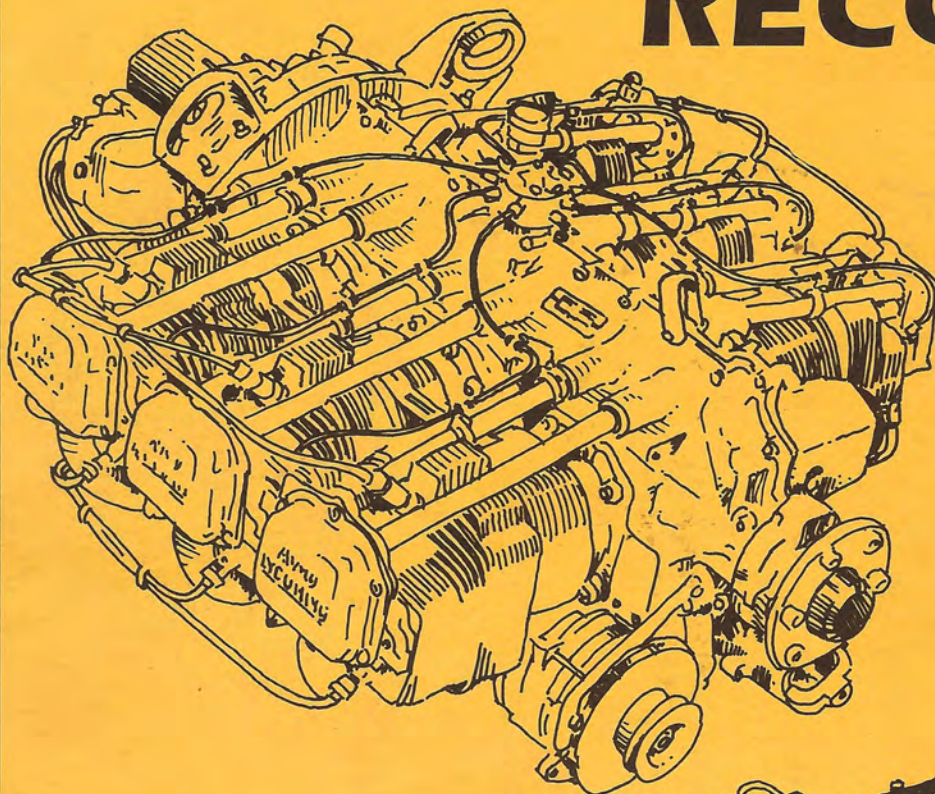


N8266G

LOG # 3

# ENGINE MAINTENANCE RECORDS



**1-800-624-6680**

(IN NY 631-298-8330)

**TELEDYNE MATTITUCK SERVICES, INC.**

410 AIRWAY DRIVE, MATTITUCK, NY 11952



This is to certify that the engine described hereafter has been overhauled to manufacturer's new part limits by Teledyne Mattituck Services, Inc.

Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All Applicable Airworthiness Directives are in compliance. The engine, with respect to the work performed is airworthy and approved for return to service. A description of these repairs is on file at this agency under:

JOB NO. 31490 DATED 3 AUG 05  
 MFG. LYCOMING MODEL 10-360 A1B6  
 Serial No. L-7959-51A Time in svc. \_\_\_\_\_

**TELEDYNE MATTITUCK SERVICES, INC.**

FAA REPAIR STATION # T10R507Y  
 AIRWAY DRIVE, MATTITUCK NY 11952



Authorized Signature

NEW CYL ASSYS INSTALLED AT THIS TIME

The accessories listed below were overhauled by Teledyne Mattituck Services, Inc. in accordance with applicable manufacturer's service and parts manuals and installed on the engine:

Item	Part No.	Serial No.
STARTER	MZ4222	SP000351
SERVO	2524054-11	19530



**TELEDYNE MATTITUCK SERVICES, INC.**

FAA REPAIR STATION T10R507Y

W.O. NO. 31490 DATE 3 AUG 05

The accessories listed below were New or Overhauled as indicated in the status column and installed on the engine. Overhaul records for these overhauled accessories are in an envelope in the back of this logbook.

Item	Part No.	Serial No.	Status
FUEL PUMP	LW15473	NSW	N
RT MAG	4370	05020867	N
LT MAG	4372	05040908	N

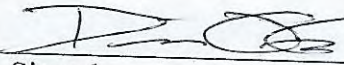

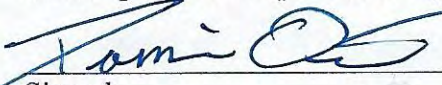
Authorized Signature

PLEASE ENTER TOTAL ENGINE TIME  
 IN THE SPACE PROVIDED ON THE  
 ENGINE OVERHAUL CERTIFICATE IN  
 THIS LOG BOOK.







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
				<b>TOTALS</b> brought forward from previous page
				Maintenance
				Hobbs 750.6 3/1/17 Tack 2449.6
				Removed and replaced <sup>LEFT OR</sup> right hand slick magneto S/N off 05040902 S/N on 96071017 Model 4372 Rev C and performed operational check ops check good.
				
				Signed: Damion Quest A&P # 3736395
				Maintenance
				Hobbs 753.6 3/5/17 Tack 2452
				Removed and replaced wiring harness part number KA 14007 SN for 4B16 and replaced all 8 spark plugs PN REM 38E per Cessna 177 maintenance manual.
				
				Signed: Damion Quest A&P # 3736395
				Maintenance
				Hobbs 774.8 6/2/17 Tack 2469.9
				Removed and replaced oil filter PN AA 48110-2, safety wire filter, 7 quarts of AeroShell w100 oil and performed ops check. Ops check normal
				
				Signed: Damion Quest A&P # 3736395
				<b>SUB-TOTALS</b> this page
				<b>TOTALS</b> —Carry forward to next page



**TOTALS**—Carry forward to next page



1-843-816-2650



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
<b>TOTALS</b> brought forward from previous page				
6/5/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Hobbs Hours: 896.9 :: Tach Hours: 2572.7</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Beth McCauley Settlemyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
12/1/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2608.96 :: #1 Engine TT: 2608.96 :: #1 Engine SMOH: 878.86</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>Performed 100 hour inspection Per MM less SB's. Fire sleeve applied to Fuel line from Servo to Dist. Checked and set mag Timming to 20deg.</p> <p>Diff Comp 1-75 2-77 3-77 4-76</p> <p>I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.</p> <p>Signed </p> <p>Beth McCauley Settlemyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
12/1/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2608.96 :: #1 Engine TT: 2608.96 :: #1 Engine SMOH: 878.86</p> <p>See details from entry dated 12/01/2018</p> <p>I certify that this Engine has been inspected in accordance with an annual inspection with in the scope and detail of FAR 43 appendix D and was determined to be in an airworthy condition.</p> <p>Signed </p> <p>John D. Hood AP18368481A</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
2/6/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2614.92</p> <p>Replaced Starter With PN:149-NL SN:H-T011782 New</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Beth McCauley Settlemyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</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
5/30/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Hobbs Hours: 973.4 :: Tach Hours: 2636.21</p> <p>Replaced Slick PN:K3822 in left Magneto. Set internal timing. Timed both Mags to engine. Operational Test normal.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Jason Gruener A&amp;P 3666651</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) <b>1-843-816-2650</b></p>
7/9/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2649.65</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed </p> <p>Jason Gruener A&amp;P 3666651</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) <b>1-843-816-2650</b></p>
<p>wo: WO_123</p> <p><b>CAROLINA AERO TECH</b> Carolina Aero Tech LLC 85 Summit Drive Hiltonhead, SC 29926 - 843-816-2650</p> <p>Engine page 1 of 1</p>				
<p><b>N8266G</b>      <b>Lycoming, IO-360-A1B6, S/N: L-7959-51A</b>      <b>January 6, 2020</b></p> <p>Tach: 2653.63      TTSN: 2653.73      SMOH: 923.63      Hobbs: 993.8</p> <ol style="list-style-type: none"> <li>1. 100 Hour inspection Per Lycoming MM Less SB's.</li> <li>2. Diff Comps 1-77 2-78 3-79 4-78.</li> <li>3. Remove and replace oil filter, Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (8) Aeroshell 15w50 - Aeroshell 15w50, Installed (1) AA48110-2 - Oil Filter.</li> <li>4. CW AD15-19-07 Fuel Injector Fuel lines and Clamps Via Inspection NEXT DUE TACH:2718.63 Or Fuel system Work.</li> <li>5. Replace Oil Quick Drain Valve and check for leaks. Installed (1) P5000 - Quick Drain SAF-AIR.</li> <li>6. Replace Engine Breather hose with M6000 3/4.</li> </ol> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_123.</p> <p>Jason Gruener A&amp;P 4268587 </p>				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				



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
2005				TOTALS brought forward from previous page
SEP 05	1730.10	0	1730.10	ANNUAL Insp. COMPLETE. C/W ALL AD'S 2005-19 ALL OK. INSTALL ENGINE TO-360 AIRB S/W L 7252-SIA W/D-31490 (MATTHEW) INST W/ 7 QTS AEROSHELL MINERAL OIL. NEW AIRBORNE AIR PUMP P/N 215 CC-WIP P/W 38075. OVERHauled PROP COU PWC 210460. L. MAG SWICK 4372 R.MAG 4370. FUEL INT. w/o 31490 s/w 19530. TEMP PROBE P/W 52334-3 WORK CONFORMS TO AC 43-13-1B. SVC ROUTINE ITEMS. OPFS CK. OIL. CLEAR GASCOLATOR, OK. I CERTIFY THIS ENGINE TO BE IN AN AIRWORTHY CONDITION. Rogor. Allen NIP 07446799, IA
SEP 06				ANNUAL Insp. COMPLETE. DIFF COMP.
TACK	1755.76		(1) $\frac{76}{80}$ (3) $\frac{75}{80}$ (2) $\frac{76}{80}$ (4) $\frac{76}{80}$ (COLD)	CK ALL AD'S
SNOH	25.16			TO 2006-19 ALL OK. (SEE LOG) CLEAN
SAR	25.16			GASCOLATOR, OK. SERVICE ROUTINE ITEMS. OPFS. CK. OK. I CERTIFY THIS ENGINE HAS BEEN Insp. IN ACCORDANCE WITH AN ANNUAL Insp. AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION. Rogor. Allen NIP 07446799, IA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



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
				TOTALS brought forward from previous page
3-10-07				changed oil and changed filter. Serviced with 8 qts Aeroshell 30 WT. oil.
Tach - 1801.9				Michael Watson AIP #38929507
5-11-07				ANNUAL - checked and lubricated all controls, checked mag. timing, changed oil and filter. Took compression, checked all Aids to date.
Tach - 1818.0				5-11-07 Tach Time 87.9 I certify that this engine has been inspected in accordance with an annual inspection instructor, and determined to be airworthy condition.  Michael Watson AIP #38929507 I.A.
8/3/07				Changed oil & filter. Serviced with 7qts Aeroshell 100 and CH 48110-1 filter.
Tach - 1859.33				PJ Bourquin AIP 3107563
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



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				TOTALS brought forward from previous page
4-5-08 Tach 1909.6.				ANOVUA 2 - Disassembled Accessory Housing and oil Sump Pan. Removed Gears for inspection due to Bmf. strike. Reassembled using New Bolt and Lock tabs, gaskets for all accessories. Timed mag to engine. changed oil and filter. changed crankshaft seal. checked crankshaft with dial indicator. Shown no defects. checked all AD's to date. End—
				<div style="text-align: right;"> Date <u>4-5-08</u> Total Time <u>178.9</u> smoh  I certify that this <del>engine has</del>  been inspected in accordance with an  annual <del>inspection</del> inspection, and  determined to be in satisfactory condition. </div> <div style="text-align: center;"> <u>Michael Watson</u>  A48438929507 3-A. </div>
6-25-08 Tach 1943.3				Complied with S.B. 584 dated 6-3-08. Disassembled Both mags. inspect Both dist. Blocks and Gears. Install on engine and timed to engine. Test Run. — End —
				<div style="text-align: center;"> <u>Michael Watson</u>  A48438929507 </div>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



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
				TOTALS brought forward from previous page
7-31-08				changed oil, did not change filter. serviced with 75W. Aeroshell 50 wt. oil.
Tach				Michael Watson
1959.2				A+B 438929507
1-30-09				100 HR. Took compression
Tach				disassembled both mag checked
2009.6				points & g. dist. Block and gear.
				checked all injector lines for
				security. changed oil and filter.
				tightened loose valve cover screws.
				checked all AD's to date.
				End
				Case 1-30-09 278.9 SMOH
				certify that this aircraft engine has
				been inspected in accordance with
				FAA 100-hour inspection, and is
				found to be in airworthy condition
				Michael Watson
				A+B 438929507
4-30-09				ANNUAL - checked and
Tach				lubricated controls. Took
				compression checked mag. Timing.
				cleaned and gapped plugs. changed
				oil & filter. cut filter No metal
				Next Page
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

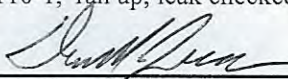
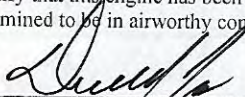






Dowell Jeffries, A&P 3201770 1A



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
				<b>TOTALS</b> brought forward from previous page
April 20, 2012				Cessna 177RG S/N: 177RG0166 REG: N8266G Lycoming IO-360-A1B6 S/N: L-7959-51A
Tach Time: 2272.35				
Engine TSOH: 542.25				
Resealed intake tubes, adjusted idle mixture. Changed oil & filter, 7 qts A/S 15W-50, CH48110-1, ran up, leak checked good.				
				
Dowell Jeffries, A&P 3201770				
October 12, 2012				Cessna 177RG S/N: 177RG0166 REG: N8266G Lycoming IO-360-A1B6 S/N: L-7959-51A
Tach Time: 2291.7				
Engine TSOH: 561.6				
Changed oil & filter, 8 qts A/S 15W-50, CH48110-1. Compression check: 1) 75, 2) 78, 3) 78, 4) 78.				
A.D. 2008-14-07 Externally mounted fuel injector lines inspection complied with I/A/W				
Lycoming MSB 342E, next due at tach 2391.7 Hrs.				
Washed engine, ran up, leak checked good.				
I certify that this engine has been inspected in accordance with a 100 hour/Annual Inspection and was determined to be in airworthy condition at this time.				
				
Dowell Jeffries, A&P 3201770 IA				
NOV. 1 2013				Tach: 2399.1 TSMOH: 589.0
DRAINED oil & Replenished w/ 8 qts Aeroshell 15W-50 oil.				
Removed, Cut & inspected oil filter NO METAL FOUND.				
Installed new CH48103-1 filter. Compression AS				
Follows ① 78/80 ② 79/80 ③ 78/80 ④ 78/80 AD 2008-14-07				
C/W IAW Lycoming SB 342E Due next at Tach: 2419.1				
Replaced Vacuum pump Drive seal p/w				
Cleaned & Gapped plugs. Run up & Leak check OK				
I certify This Engine has been inspected IAW				
IAW AT ANNUAL 100 hr inspection and is in				
an Airworthy Condition at this time for 426377553IA				
				<b>SUB-TOTALS</b> this page
				<b>TOTALS</b> —Carry forward to next page



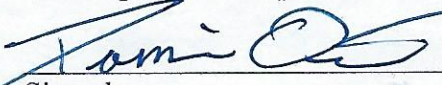


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				TOTALS brought forward from previous page
				<p>Davis Aircraft 9548 Veterans Memorial Blvd Baton Rouge, La. 70807 Cell number 225-413-3319</p> <p>December 03, 2014 Tach: 2336.67 TSMOH: 606.57</p> <p>Inspect intake and exhaust systems. Operate and inspect engine controls. Check timing 20* btc. Compressions Cold: 1)70/80, 3)71/80, 2)71/80, 72/80. Clean fuel filter. Changed oil and oil filter, service w/AeroShell 15W-50 oil, Camguard and CH48110-1 oil filter. Clean, inspect and gap spark plugs. Replace top #1 spark plug due to cracked insulator. Fabricate and install new fuel line w/fire sleeve between fuel pump gascolator. New BA5705 Brackett filter. C/W AD2008-14-07 by inspection of fuel line, due again @ 2436 tach. Run-up power checks good, no leaks found at this time. I certify that this engine has been inspected I/A/W a 100 hr. inspection and was determined to be in airworthy condition at this time. Robert A. Davis Jr. <i>[Signature]</i> A&amp;P # 3030941</p>
3-18-2015	TACH	2341.4		<p>INSTALLED NEW RAP 215CC AIR PUMP S/N A57231 + NEW RAD9-14-5 FILTER. <i>[Signature]</i> A&amp;P 385466301</p>
1-8-2016	TACH	2372.2	T.S.M.O. 642.1	<p>CHANGED OIL &amp; OIL FILTER SERVICED WITH AEROSHELL 100 &amp; 48110-2 FILTER. INSTALLED NEW BA 5705 ENGINE AIR FILTER, CHECKED INTAKE &amp; EXHAUST SYSTEM, CLEANED SPARK PLUGS, CLEANED INJECTOR NOZZLES, CHECKED MAG TIMING, COMPRESSION CK. #1 <math>\frac{74}{80}</math>, #2 <math>\frac{76}{80}</math>, #3 <math>\frac{77}{80}</math>, #4 <math>\frac{76}{80}</math>. LUBED ENGINE CONTROLS. INSPECTED FUEL INJECTOR LINES PER A.D. 2008-14-07. GROUND RAN, CHECKED ENGINE OPERATION &amp; FOR LEAKS.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>[Signature]</i> A&amp;P 385466301</p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page





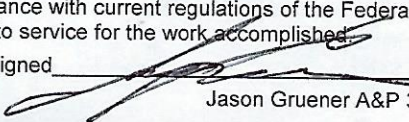



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				Maintenance
				Hobbs 750.6 3/1/17 Tack 2449.6
				Removed and replaced <sup>LEFT OR</sup> right hand slick magneto S/N off 05040902 S/N on 96071017 Model 4372 Rev C and performed operational check ops check good.
				
				Signed: Damion Quest A&P # 3736395
				Maintenance
				Hobbs 753.6 3/5/17 Tack 2452
				Removed and replaced wiring harness part number KA 14007 SN for 4B16 and replaced all 8 spark plugs PN REM 38E per Cessna 177 maintenance manual.
				
				Signed: Damion Quest A&P # 3736395
				Maintenance
				Hobbs 774.8 6/2/17 Tack 2469.9
				Removed and replaced oil filter PN AA 48110-2, safety wire filter, 7 quarts of AeroShell w100 oil and performed ops check. Ops check normal
				
				Signed: Damion Quest A&P # 3736395
				<b>SUB-TOTALS</b> this page
				<b>TOTALS</b> —Carry forward to next page



**TOTALS**—Carry forward to next page




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
12-14-17		79688	252698	TOTALS brought forward from previous page
Compression Check #1 <sup>80</sup> / <sub>74</sub> #2 <sup>80</sup> / <sub>76</sub> #3 <sup>80</sup> / <sub>76</sub> #4 <sup>80</sup> / <sub>75</sub> Changed oil & oil filter. Inspected old filter. Serviced engine with 7qts of Aeroshell 15W50 oil & Jempest oil filter AA48110-2. Cleaned, gapped & tested spark plugs. Checked mag timing. Checked exhaust system. Checked induction system. Cleaned & serviced Challenger air filter. Replaced all fluid carrying hoses in engine compartment. Checked engine controls. Checked lines, hoses & connections. Replaced 4 engine mounts using Lord mounts PN 59613-59. Replaced alternator belt using PN 51597-1-37.5. Reinstalled prop with a new O ring PN 1633-11 & lubed. Engine washed, ground run, checked for normal operation & leaks. No leaks noted. I certify that this engine has been inspected in accordance with a 100 hr./annual inspection & is approved for return to service.				
John E. Coulter 402065600 IA				
<div>3/8/2018      N8266G      Cessna C177 SN#177RG0166 Tach Hours: 2543.68 Replaced Prop Control cable P/NMCC299506-0105 and rod end P/N PCS1104-3. The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished. Signed  Jason Gruener A&amp;P 3666651  <small>71 Summit Dr 1A Hiltonhead SC 29926 (KHXD)</small> <b>1-843-816-2650</b></div>				
				SUB-TOTALS this page
				TOTALS—Carry forward to next page



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<b>TOTALS</b> brought forward from previous page				
6/5/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Hobbs Hours: 896.9 :: Tach Hours: 2572.7</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed <u>Beth McCauley</u></p> <p>Beth McCauley Settemeyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
12/1/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2608.96 :: #1 Engine TT: 2608.96 :: #1 Engine SMOH: 878.86</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>Performed 100 hour inspection Per MM less SB's. Fire sleeve applied to Fuel line from Servo to Dist. Checked and set mag Timming to 20deg.</p> <p>Diff Comp 1-75 2-77 3-77 4-76</p> <p>I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.</p> <p>Signed <u>Beth McCauley</u></p> <p>Beth McCauley Settemeyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
12/1/2018	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2608.96 :: #1 Engine TT: 2608.96 :: #1 Engine SMOH: 878.86</p> <p>See details from entry dated 12/01/2018</p> <p>I certify that this Engine has been inspected in accordance with an annual inspection with in the scope and detail of FAR 43 appendix D and was determined to be in an airworthy condition.</p> <p>Signed <u>John D. Hood</u></p> <p>John D. Hood AP18368481A</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</p>
2/6/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2614.92</p> <p>Replaced Starter With PN:149-NL SN:H-T011782 New</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed <u>Beth McCauley</u></p> <p>Beth McCauley Settemeyer A&amp;P 219465824</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) 1-843-816-2650</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
5/30/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Hobbs Hours: 973.4 :: Tach Hours: 2636.21</p> <p>Replaced Slick PN:K3822 in left Magneto. Set internal timing. Timed both Mags to engine. Operational Test normal.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed  Jason Gruener A&amp;P 3666651</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) <b>1-843-816-2650</b></p>
7/9/2019	N8266G	Lycoming IO-360-A1B6 SN:L-7959-51A	Engine Logbook	<p>Tach Hours: 2649.65</p> <p>Performed oil and filter change in accordance with the manufacturers maintenance manual. Installed 8 quarts of Aeroshell 15W50 Oil and AA48110-2 oil filter. Washed engine, run up and checked for leaks.</p> <p>The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.</p> <p>Signed  Jason Gruener A&amp;P 3666651</p> <p><b>CAROLINA AERO TECH</b> 71 Summit Dr 1A Hiltonhead SC 29926 (KHXD) <b>1-843-816-2650</b></p>
<p>wo: WO_123</p> <p><b>CAROLINA AERO TECH</b> Carolina Aero Tech LLC - 85 Summit Drive - Hiltonhead, SC 29926 - 843-816-2650</p> <p>Engine page 1 of 1</p>				
<p><b>N8266G</b>      <b>Lycoming, IO-360-A1B6, S/N: L-7959-51A</b>      <b>January 6, 2020</b></p> <p>Tach: 2653.63      TTSN: 2653.73      SMOH: 923.63      Hobbs: 993.8</p> <ol style="list-style-type: none"> <li>100 Hour inspection Per Lycoming MM Less SB's.</li> <li>Diff Comps 1-77 2-78 3-79 4-78.</li> <li>Remove and replace oil filter, Drain oil. Fill oil to Manufacture Spec. Wash engine and run engine to check for leaks. Installed (8) Aeroshell 15w50 - Aeroshell 15w50, Installed (1) AA48110-2 - Oil Filter.</li> <li>CW AD15-19-07 Fuel Injector Fuel lines and Clamps Via Inspection NEXT DUE TACH:2718.63 Or Fuel system Work.</li> <li>Replace Oil Quick Drain Valve and check for leaks. Installed (1) P5000 - Quick Drain SAF-AIR.</li> <li>Replace Engine Breather hose with M6000 3/4.</li> </ol> <p>With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Carolina Aero Tech LLC under work order: WO_123.</p> <p>Jason Gruener A&amp;P 4268587 </p>				
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MANUFACTURER: Lycoming ENGINE MODEL: IO-360-A1B6 S/N: L-7959-51A WO# 101764

AD #	DESCRIPTION	COMPLIANCE STATUS
66-20-04	oil filter adapter gasket	N/A by gasket P/N
71-05-02 R4	crankcase	N/A by engine S/N
71-11-02	tappet plunger P/N 76290 and 73065	P/C/W-has tappets P/N 78290
73-23-01 R4	piston pin P/N 69650	N/A by pin P/N
75-08-09 R3	oil pump drive shaft	N/A has drive shaft with flats
75-09-15	fuel flow divider	N/A by P/N
78-23-10	fuel servo	N/A by servo P/N
79-04-05	fuel servo	N/A by servo P/N
90-04-06 R1	external oil line	C/W by inspection IAW para. (a)(1)
92-12-05	piston pin P/N LW-14077	N/A by pin P/N
95-07-01	connecting rod bolts	N/A by new bolts installed
95-26-02	improper fuel	N/A by registration number
96-09-10 C	oil pump	P/C/W IAW SB524
96-23-03	fuel pump	N/A by pump S/N
97-15-11	piston pin	N/A by pin P/N
98-02-08	crankshaft	N/A engine uses constant speed prop

Poplar Grove Airmotive, Inc.

FAA Repair Station YYBR664L Terry Aavang

Date: 08/Dec/2020

MANUFACTURER: Lycoming ENGINE MODEL: IO-360-A1B6 S/N: L-7959-51A WO# 101764

AD#	Description	Compliance Status
98-17-11 C	crankshaft	C/W by inspection of crankshaft IAW para. (b)
03-14-03	fuel pump	N/A by diaphragm pump
04-10-14 C	crankshaft gear	C/W IAW SB 475C, due any prop strike
05-19-11	failure of crankshaft	N/A by crankshaft S/N A71858
06-06-16	crankshaft failure	N/A by crankshaft S/N A71858
09-02-03	Precision fuel servo	P/C/W by "G" stamp on plug
12-03-06C	AFS servo diaphragm	N/A by Precision overhaul
12-19-01	crankshaft failure	N/A by crankshaft S/N A71858
15-02-07	Prop Gov. Shaft set screw	N/A by engine model
15-19-07	fuel injector lines, due every 110 hrs or line maintenance	C/W by inspection I/A/W SB 342G, dia. 4, due every 110 hours or line maintenance
17-16-11	Lycoming rod bushings	N/A to new bushings installed, P/N AEL-13923

Poplar Grove Airmotive Inc.

FAA Certified Repair Station YYBR664L Terry Aavang

Date: 08/Dec/2020

MAKE	Lycoming	MODEL	IO-360-A1B6	S/N	L-7959-51A
Total Time	2666.2	Hours	Time Since Major Overhaul	936.1	Hours

The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. (As detailed below) Pertinent details of repair are on file at this repair station under:

Work Order # 101764

Date 12/8/2020

Engine disassembled, cleaned, and inspected due to propeller strike, in accordance with Lycoming SB533C. Installed new Lycoming camshaft P/N LW-18840 and tappets P/N 15B26262. Inspected and repaired cylinders as required and installed with new rings on existing pistons. Installed new magnetos, left P/N 4372, S/N 19030242, and right P/N 4370, S/N 20080135, from Champion Aerospace. This engine was run in an FAA approved test cell and meets specifications. See attached A.D. Compliance Record and Parts List for more details. -----  
END-----

Poplar Grove Airmotive, Inc.

Poplar Grove Airport, Poplar Grove, IL

FAA Approved Repair Station #YYBR664L

Terry Aavang


Signed for Poplar Grove Airmotive, Inc.

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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
				TOTALS brought forward from previous page

 **Thoroughbred Aviation Maintenance, Inc.**  
Engine

Date: 01/08/2020  
AC: N8266G  
Hobbs: 1009.8  
Engine TT: 2666.2

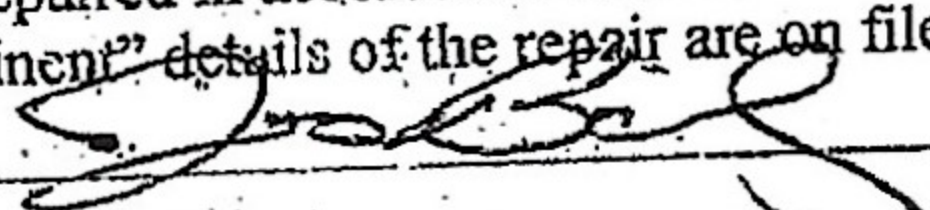
Type: Cessna 177RG  
AC SN: 177RG0166  
Engine M/N: IO-360-A1B6  
Engine SMOH: 936.1

WO: 203246  
Tach: 2666.2  
Engine S/N: L-7959-51A

1. Removed engine M/N: IO-360-A1B6 S/N: L-7959-51A after prop strike and sent to Poplar Grove Airmotive for repair/teardown inspection. See W.O. 101764 dated 12/08/2020 for parts replacement and inspection details.
2. Installed engine after teardown inspection/repair from Poplar Grove Airmotive using new Barry mounts P/N: 94011-20. Torqued per 177RG AMM. Installed baffling as removed with new baffle hardware P/N: STD1925 and baffle fasteners P/N: 0450277-214. Connected all fuel and oil lines as removed. Torqued and leak checked. Leak check good. Installed alternator and secured wiring. Set belt tension of alternator. Torqued hardware and safetied. Installed new alternator brace P/N: LW-13365 and secured with lock plate. Installed new McCauley prop governor M/N: DC2901D1-T3 S/N: 200535. Secured with new gasket. Rigged governor control to reach fore and aft stops. Safetied arm after install. Installed new RH riser outboard P/N: 2054002-14. Installed new RH muffler P/N: 2054000-38. Installed new RH riser inboard P/N: 2054002-16. Secured with new exhaust gaskets included in gasket kit provided by Poplar Grove Airmotive.
3. Installed new propeller P/N: B2D34C207 S/N: 200653 with new oring P/N: A1633-11 and torqued per 177RG AMM. Safetied after torquing. Installed spinner as removed.
4. Serviced engine with 8 qts of Phillips 20W50 Type M oil per breakin instructions from Poplar Grove.
5. Lubed engine controls as needed.
6. Cleaned engine area before post run. Post run leak check good. No leaks noted and no defects noted at this time.

End

**MAINTENANCE RELEASE**

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was found airworthy for return to service for the work performed. "Pertinent" details of the repair are on file at this agency under Work Order: 203246  
Date: 01/08/2020 Signed: James Bailey  CRS: R814199Y

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