

N8201G

No. 2



The Standard

# ENGINE LOG

ASA-SE-1

**Engine Record** General Information

Manufacturer Lycoming Model TD-360-A1B6  
Serial LEPC 46751A Type Certificate \_\_\_\_\_  
This engine is currently installed in aircraft Cessna 177RG SN 177R60101 N8201G

Minimum Octane Fuel \_\_\_\_\_ Oil Grade: Summer \_\_\_\_\_ Winter \_\_\_\_\_  
Magnetos \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_  
Spark Plug Gap \_\_\_\_\_  
Manufacturer recommended overhaul at \_\_\_\_\_ hours



YEAR: RECORDING  
TACH  
TIME



N#- 8201G  
MODEL- 177RG  
SN-177RG0101  
ENG- IO-360-A1B6

ENG SN- L-7646-51A

Drained engine oil, replaced oil filter and serviced engine with 7 qt's A/S 15W50.  
Cleaned, gapped, tested and rotated spark plugs. Checked magneto timing. Cleaned fuel  
injectors. Cylinder compression checks as follows #1 75/80, #2 75/80, #3 78/80 and #4  
76/80. Installed two new spark plugs and new fuel injector nozzle to #2 cylinder. Removed  
#2 cyl with piston still inside, replaced base seal and reinstalled cyl with new gaskets, seals  
and scavenge line. Installed new spinner back plate. Removed and reinstalled Lt. & Rt.  
mufflers and Rt. side exhaust risers after repairs. See Knisley WO# 122206, dated 5-19-06.  
Replaced lower engine lord mounts. Installed new crankshaft seal. I certify that this engine  
has been inspected IAW an Annual inspection and was determined to be in airworthy  
condition. ---END---

*James M. M.*

316866035 IA A&P

TACH- 2416.50  
TTAF- 2416.50  
DATE- 5/26/06  
SMOH- 641.50

Technician or Repair

YEAR: RECORDING  
TACH  
TIME  
DATE

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



TAIL #- N8201G  
MODEL- 177RG  
SN- 177RG-0101  
ENG- IO-360-A1B6

TACH- 2483.12  
HOBBS- XXXX  
DATE- 02/10/07  
ENG SN- L-7646-51A

Adjusted gear warning switch and switch cam at throttle body. Removed #2  
Cylinder to check cylinder base area for defects, checked good, reinstalled cylinder.  
Cleaned engine with solvent and dried with shop air. Ground ran engine,  
operational checks good. Replaced throttle cable attach bracket with new, PN  
2050019-1. ---END---

*James M. M.*

316866035 A&P



YEAR:	RECORDED TACH TIME
DATE	



N#- 8201G  
MODEL- 177RG  
SN-177RG0101  
ENG- IO-360-A1B6

ENG SN- L-7646-51A

TACH- 2511.70  
TTAF- 2511.70  
DATE- 5/12/07  
SMOH- 736.70

Drained engine oil, replaced oil filter and serviced engine with 7 qt's A/S 15W50. Cleaned, gapped, tested and rotated spark plugs. Checked magneto timing. Cylinder compression checks as follows #1 78/80, #2 76/80, #3 77/80 and #4 76/80. Installed new Aeroquip oil cooler hoses, PN 624000-6-0302 and 624000-6-0305 from Varga Enterprises, see INV #277476-001 dated 5/04/07. CW AD 2002-26-01, Fuel Injector lines. AD 2006-20-09, Crankshaft failure, found NA by Engine SN. I certify that this engine has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

---END--- James Miles 316866035 A&P IA

Technician or Repair

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
DATE				

17 August 2007 N8201G Tach: 2549.79  
Lycoming IO-360A1B6D S/N: L-7646-51A



C/W 500hr magneto inspection, replaced contact points p/n: 10-382585, replaced capacitor p/n: 10-349276 on both mags, next due 3049.79. Cleaned all spark plugs. Ground run for leak and operational check good. I certify that this aircraft is airworthy for return to service with respect to the above work performed.

Stuart Miles Stuart Miles  
FAA CRS # J7BR555Y W.O. 3451

26 September 2007 Tach Time: 2560.48  
N8201G IO-360A1B6D Ser # L-7646-51A



Drained oil, replaced oil filter with new PN AA48103, replenished oil with 7 qts Aeroshell 15W-50. This engine is approved for return to service with regard to the work performed.

Stuart Miles Stuart Miles  
CRS J7BR555Y WO 3524



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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*Conquest Aviation*  
Date: 12-28-07  
Engine

Lycoming

S/N L-7646-51A

ACTT: 2576.7  
TSMOH: 0801.7

Tightened bolt on propeller governor and safetied wired bolt, no leaks noted. I certify that this engine has been inspected and is approved to return to service.

*DL*  
Dean Lee Rozeboom  
520944753-1A

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1 February 2008 Tach Time: 2584.09  
N8201G IO-360A1B6D Ser.# L-7646-51A



Removed cowl. Tightened leaking jam nut on prop governor. Tightened both magneto's mounting hardware. Tightened all rocker cover screws. Replaced three (3) missing oil pan mounting bolts. Removed oil pressure relief valve - no defects noted at this time. Washed engine. Ran engine and checked for oil leaks none noted. This engine is approved for return to service with regard to the work performed.

Stuart Miles *Stuart Miles*  
CRS J7BR555Y WO 3843


1 February 2008 Tach Time: 2584.09  
N8201G IO-360A1B6D Ser.# L-7646-51A



Removed cowl. Tightened leaking jam nut on prop governor. Tightened both magneto's mounting hardware. Tightened all rocker cover screws. Replaced three (3) missing oil pan mounting bolts. Removed oil pressure relief valve - no defects noted at this time. Washed engine. Ran engine and checked for oil leaks none noted. This engine is approved for return to service with regard to the work performed.

Stuart Miles *Stuart Miles*  
CRS J7BR555Y WO 3843

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
11/17/08 Tach 2607.17				Removed Sparking. Changed starter with overhaul of starter P/N M2-4222 S/N 2092101. Changed oil & filter using Aeroshell 15W50 oil. Cleaned gapped plugs, Replaced one with a new plug. Cleaned fuel injectors. Checked mag timing. Removed left muffler and welded support bracket which was cracked. Removed Right exhaust support and welded crack. Reinstalled exhaust system. Washed engine. Tied off hoses & wires. Performed compression test: #1 74/80 #2 74/80 #3 76/80 #4 76/80. Lubricated Rod ends. Test ran engine and checked for leaks

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Facility. (See back pages for other specific entries.)</small>
				I certify that the above machine has been repaired that this engine has been inspected in accordance with an 100 hr inspection and is approved for return to service. <i>Stuart Miles</i> 327598106 HP/5A
December 17, 2008 Tach Time: 2651.5 N8201G Cessna 177RG Ser. # 177-RG 0101				
Drained the oil, changed the oil filter, and serviced the engine with 7 quarts of Aeroshell 15W-50. Performed a ground run-up for leak and operational checks, both checks good. I certify that this engine is OK for return to service with regard to the above work performed.				
Stuart Miles CRS J7BR555Y <i>Stuart Miles</i> W.O. 4627				



REBUILT AND TESTED WITH TO DATE  
REV. AF  
DATE: 8/1  
DWG: 2524054  
SEE B1  
S/N: 10625  
S. WORTHINGTON  
11/16/2008 & 5/29/09  
11/16/2008 & 5/29/09  
SE CERTIFICATE  
APPROVAL TAG  
# POOL 111111  
19 Quantity  
1 EACH  
79502  
11. Serial/Build Number  
12. Job  
13. Part Number

DATE	TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
February 28, 2009	Tach: 2671.9	TSMOH: 896.9		N8201G Lycoming IO-360-A1B6D
<p>Torqued rocker boss covers. Replaced fuel injection servo with overhauled unit P/N 2524054-11 S/N 79502. Servo came with new P/N gasket installed canceling AD 2008-08-14. Set fuel servo idle mixture rise and idle RPM. Replaced L/H muffler with overhauled P/N 2054000-31. Tightened #3 intake stud and replaced missing hardware. C/W AD 2008-14-17 by visual inspection and replacement of #2 and #4 fuel injector lines and clamps with new parts next inspection due at tach 2781.9. Replaced induction riser to head gaskets on cylinders #1, #2, &amp; #4. Tightened loose field wire on alternator. Operational checks good. This engine is approved for return to service with respect to the above work performed.</p>				
<p>Stuart Miles CRS J7BR555Y W.O. 4667</p>				

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
March 17, 2009	Tach: 2672.7	TSMOH: 897.7		N8201G Lycoming IO-360-A1B6D
<p>Adjusted fuel servo mixture lean two clicks. Cleaned all 4 bottom spark plugs, gapped, tested, reinstalled with new M674 gaskets. Operational check good. This engine is approved for return to service with respect to the above work performed.</p>				
<p>Stuart Miles CRS J7BR555Y W.O. 4821</p>				
March 17, 2009	Tach: 2674.9			N8201G Cessna 177RG SN: 177RG0101
<p>Removed and replaced CHT probe with new PN: S2334-3. Ground run up for ops check-check good. I certify this airplane is airworthy with respect to the work performed</p>				
<p>Han W. Lim CRS J7BR555Y W.O. 4834</p>				







YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
May 15 09				Changed oil and filter using aeroshell
Tach 2676.82				15W50 oil. Replaced fuel pressure hose
				with new hose, CW AD 08-14-07. Cleaned
				checked gap and reinstalled spark plugs.
				Performed Compression test. 174/180/180
				Washed engine and lubricated rod ends & cuffs
				Checked mag timing. I certify that the
				above maintenance has been performed, that
				this engine has been inspected and is
				approved for return to service. <i>James Stewart</i>
				52754 8106 HP/JH

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
JULY 27, 2009				Tach Time: 2700.9
				N8201G Cessna 177RG Ser. # 177-RG 0101
				<i>Accessory Case A</i>
				REPLACED LEAKING GASKETS AT MAGNETO TO ENGINE MOUNT PLATE PER CESSNA
				MAINTENANCE MANUAL OPS CHECK GOOD. I certify that this engine is OK for return to service with
				regard to the above work performed.
				JAMES STEWART CRS J7BR655Y <i>James A. Stewart</i> W.O. 5134



James H. Stewart James H. Stewart CRS# J7BR555Y, W.O.# 5418

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

January 15, 2010 Tach: 2732.1  
N8201G Lycoming IO-360-A1B6D

Tightened #4 cylinder drain back tube fitting. Operational check good. This engine is approved for return to service with respect to the above work performed.

Jesus Torres J.T.  
CRS J7BR555Y W.O. 5458

[illegible]



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

June 4, 2010 TACH 2745.09 TSMOH: 970.0  
N8201G Lycoming IO-360-A1B6 S/N L-7646-51A



Annual inspection completed this date in accordance with the aircraft maintenance manual checklist. Check compression, #1-75, #2-75, #3-75, #4-78. Inspected engine mounts, intake system, all engine and prop controls and all accessories. Inspected and pressure test exhaust system. Checked mag to engine timing. Cleaned and inspected spark plugs. Inspected fuel screens. Installed new bracket air filter. Drained oil, replaced filter (CH48103), inspected oil suction screen, and serviced with 8 qts of Aeroshell w100. Washed engine compartment. Ground run and leak checked with no defects noted. I certify that this engine has been inspected in accordance with an annual inspection, has been determined to be in an airworthy condition, and is approved for return to service with respect to the above work performed.

Stuart Miles

*Stuart Miles*

A&P 585393595 IA WO 5662

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

May 16 2011  
Tach 2787.97  
TSMOH 101288

Changed oil and filter. Cleaned fuel injectors. Clean, gapped and installed spark plugs. Performed compression test. Checked mag to engine timing. Installed new magnetron filter. Test ran engine and checked for leaks. C/W AD 2008-14-07. I certify that the above work has been performed, that this engine has been inspected and was determined to be in an airworthy condition. Raymont Weller 16/2215 A&P/IA.



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

July 12, 2012 Tach: 2810.11 TSMOH: 1035.02  
N8201G Lycoming IO-360-A1B6 S/N L-7646-51A



**Annual** inspection completed this date in accordance with the aircraft maintenance manual checklist. C/M  
**AD 2011-26-04** fuel injector line inspection, no defects noted. Compressions: #1-70, #2-75, #3-76, #4-77.  
Inspected engine mounts, intake system, all engine and prop controls and all accessories. Inspected and  
pressure checked exhaust system. Checked mag to engine timing. Replaced a sparkplug with new P/N:  
REM38S. Removed, cleaned, gapped, tested, rotated and reinstalled all spark plugs with new gaskets.  
Inspected fuel screens. Installed new bracket air filter. Drained oil, replaced oil filter with new P/N:  
CH48108-1. Inspected oil suction screen and replaced gasket. Serviced engine with 8 qts of Aeroshell  
w100. Washed engine compartment. Ground run and leak check, no defects noted. I certify that this engine  
has been inspected in accordance with an **Annual** inspection and has been determined to be in an airworthy  
condition and is approved for return to service with respect to the work performed.

Jesus Torres A&P 527477618 IA WO: 6452

February 15, 2014 Tach: 2813.3 TSMOH: 1038.2  
N8201G Lycoming IO-360-A1B6 S/N L-7646-51A



Repair

**Annual** inspection completed this date in accordance with the aircraft maintenance manual checklist.  
Compressions: #1-77, #2-77, #3-77, #4-75. Inspected engine mounts, intake system, all engine and prop  
controls and all accessories. Inspected and pressure checked exhaust system. Checked mag to engine  
timing. Removed, cleaned, gapped, tested, rotated, and reinstalled all spark plugs with new gaskets.  
Inspected fuel screens. Installed new bracket air filter. Drained oil, replaced oil filter with new P/N: CH48103.  
Inspected oil suction screen and replaced gasket. Serviced engine with 8 qts of Aeroshell w100. Washed  
engine compartment. Ground run and leak check, no defects noted. **AD 2011-26-04** fuel injector line  
inspection, no defects noted. I certify that this engine has been inspected in accordance with an **Annual**  
inspection and has been determined to be in an airworthy condition and is approved for return to service  
with respect to the work performed.

Stuart Miles

*Stuart Miles*

CRS J7BR555Y WO 6822



YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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December 1, 2016 Tach: 2814.08 TSMOH: 1038.99  
N8201G Cessna 177 S/N 177RG0101



**Annual** inspection completed this date in accordance with the aircraft maintenance manual checklist. Inspected airframe, inspected and lubed all flight controls, hinges, cables and pulleys. Inspected electrical wiring, pneumatic and hydraulic plumbing. C/W AD 2011-10-09 seat tracks inspection, no defects noted. C/W AD 2011-26-04 fuel injector line inspection, no defects noted. C/W AD 72-03-03 R3 clean, inspect and lube flap jack screw, no defects noted. C/W AD 76-07-12 R1 function check of ignition switch, no defects noted. Checked landing gear functions in both normal and emergency modes. Fabricated and installed RH landing gear hydraulic line. Flushed and cleaned header tank and drains. Inspected ELT and tested IAW FAR 91.207D found airworthy - battery expiration date September 2017. I certify that this aircraft has been inspected in accordance with an **Annual** inspection and has been determined to be in an airworthy condition and is approved for return to service with respect to the above work performed.

Stuart Miles A&P 585393595 IA

WO 7769

January 17, 2018 Tach: 2814.31 TSMOH: 1039.31  
N8201G Lycoming IO-360-A1B6 S/N L-7646-51A



Repair

**Annual** inspection completed this date in accordance with the aircraft maintenance manual checklist. C/W AD 2015-19-07 fuel injector line visual inspection, no defects noted. Compressions: #1-70, #2-73, #3-77, #4-71. Inspected engine mounts, intake system, all engine and prop controls and all accessories. Inspected and pressure checked exhaust system. Checked mag to engine timing. Removed, cleaned, gapped, tested, rotated and reinstalled all spark plugs with new gaskets. Inspected fuel screens. Cleaned all fuel drains. Installed new bracket air filter BA-5705. Drained oil, replaced oil filter with new P/N: CH48103-1. Inspected oil suction screen and replaced gasket. Serviced engine with 8 qts of Aeroshell w100. Washed engine compartment. Replaced fuel injection distributor with new P/N 2524232-2 and two plugs MS27769-2. Ground run and leak check performed. I certify that this engine has been inspected in accordance with an **Annual** inspection and has been determined to be in an airworthy condition and is approved for return to service with respect to the above work performed.

Stuart Miles A&P 585393595 IA

WO 8085



YEAR: RECORDING  
TACH  
TIME

TOE  
FLY

DATE

Palmetto Aviation of Mt. Pleasant, LLC  
03-01-19 N8201G Tach 2845.45 TSOH 1070.45

Ran engine and drained oil. Removed and inspected oil filter, no metal noted.  
Checked compression as follows: 1/74 2/76 3/72 4/74. Cleaned spark plugs.  
Reinstalled using new M674 gaskets and torqued plugs. Replaced one wire nut.  
Lubed engine controls. Serviced engine with new AA48103-2 filter and 7 quarts  
100 Plus A/S. Replaced intake gaskets on cyls 1 & 2. Installed heli-coil in cyl 2  
for intake bolt. Removed and cleaned muffler shrouds, inspected mufflers for  
cracks. CW AD 15-19-07 by inspection of injector lines and clamps per SB 342G.  
AD 17-16-11 N/A per overhaul date. Replaced induction air filter element.  
BAS705. Test ran engine. No leaks noted. Opps test normal.

At the time of this inspection, I certify that this Engine has been inspected in  
accordance with an Annual inspection and was found to be airworthy.

*Steven F Barbieri*  
Steven F Barbieri AP 3129565 IA

ations  
umber of Technician or Repair

YEAR: RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair  
Facility. (See back pages for other specific entries.)

DATE

wo: 005504

Engine: page 1 of 1



Seven Rivers Aviation - 129 Airport Road - Georgetown, South Carolina 29440 - 843-527-7516

N8201G  
Tach: 2851.51

Lycoming, IO-360-A1B6, S/N: L-7646-51A  
Hobbs: 34.8

May 15, 2019

Installed new Lycoming clip p/n75165 with new bolt LW-31-0.94 and lock washer MS35333-41 on prop  
governor steel line.

Justin Eshleman AP 3302761