

LOG #3

#3



*The Standard*

# AIRCRAFT LOG

ASA-SA-1

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PNR ASA-SA-1



9 781560 274193

**Aircraft Record** General Information

Manufacturer CESNA Model 177RG

Serial 177RG1138 Registration Number N51386

Date of Manufacture FEB 9, 1977

**Engine(s) currently installed:**

Manufacturer LYCOMING Model IO 360 A1B6A Serial L16841-51A

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton WA 98055

5/25/04 Cessna 177 N51386 Tach: 2264.5

Replaced left main landing gear tire-----END-----

John M. Sawczyn  
A&P 566710045



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**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

8/6/2004 Cessna 177RG N51386 Tach:2289.1

Inspected and tested ELT as per 91.207(d). Replaced battery - next due October, 2006.



B.A. Paholke  
A&P 468781561

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

11/8/2004 Cessna 177RG N51386 Tach:2301.6

Replaced directional gyro with overhauled unit, s/n63384 --END--



B.A. Paholke  
A&P 468781561

**Pro-Flight Aviation, Inc.**

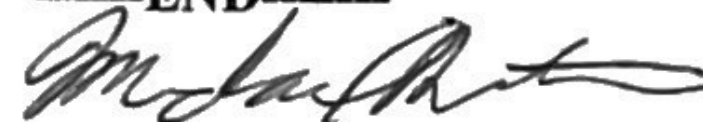
243 W. Perimeter Rd. Renton, WA 98055

Technician or Repair

2/4/2005 Cessna 177RG N51386 Tach: 2306.0 AFTT: 6003.1

Annual inspection completed this date. Replaced induction air filter and vacuum regulator filter. Lubed flight controls. Inspected ELT as per FAR 91.207(d) - batteries next due october, 2006. Installed new #2 exhaust riser. Treated aircraft with ACF-50 corrosion treatment. Installed new brake disk on RMG. Resealed rear window. Patched engine baffle as needed. All applicable A.D.'s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy.

END



Michael Riter  
IA 549753913

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

Technician or Repair

8/15/2005 Cessna 177RG N51386 Tach: 2367.0

Changed oil and filter. Old filter inspected - no metal found. Serviced engine with 8qts Aeroshell W100 oil. -----END-----



Michael Riter  
A&P 549753913

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

9/26/2005 Cessna 177RG N51386 Tach: 2381.3

Replaced hydraulic pressure switch with new p/n 9880710-1. Performed multiple gear swings - operation normal at this time. ----- END -----



B.A. Paholke  
A&P 468781561



YEAR:

DATE

### Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

3/23/2006 Cessna 177RG N51386 Tach:2404.2 AFTT:6101.3

Annual inspection completed this date. Inspected and tested ELT as per FAR 91.207(d) - batteries next due October, 2006. Replaced induction air and vacuum regulator filters. Replaced nosewheel tire. Replaced rod ends, p/n S2094D4FG, 2 ea in NLG down lock. Re-installed NLG uplock bracket, bellcrank, and downlock assembly after repair by Allied Technical, Seattle, WA. RE-rigged nose gear system. Replaced brake pads. Replaced 4ea cowl lord mounts. Repaired engine baffle by riveted patch. Treated aircraft with ACF 50. Lubed flight controls. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



B.A. Paholke  
IA 468781561

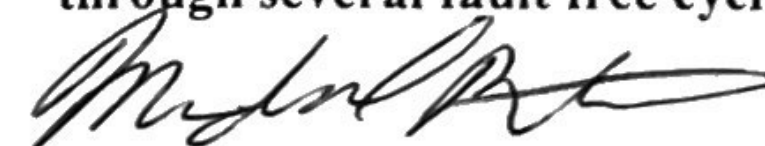
Repair

### Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

5/17/2006 Cessna 177RG N51386 Tach: 2431.7

Replaced right nose landing gear door hinge. Placed aircraft on jacks and cycled landing gear through several fault free cycles. -----END-----



Michael Riter  
A&P 549753913

nician or Repair

### Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

7/24/2006 Cessna 177RG N51386 Tach:2485.5

Replaced RMG tire with new 15 X 6.00 X 6 Airtrac. ----- END -----



B.A. Paholke  
A&P 468781561



**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

Technician or Repair

2/15/2008

Cessna 177RG

N51386

Tach: 2597.6

AFTT: 6201.3

Annual inspection completed this date. Replaced induction air filter and vacuum regulator filter. Lubed flight controls. Inspected ELT as per FAR 91.207(d) - batteries next due October 2008. Patched engine baffle as needed. Removed engine and sent engine case halves to ECI for repair - see yellow tag. Reassembled engine and reinstalled. Reinstalled exhaust system after repair by AWI. Replaced bearings in nose gear steering bell crank. Removed and reinstalled altimeter and encoder for calibration by Aero-Tech Avionics. Repaired fuel strainer mounting hole with Hiel-coil. Replaced transistor for panel lights. Replaced all brake pads and seasoned brakes. All applicable A.D.'s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. -----END-----



Michael Riter  
IA 549753913

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

Technician or Repair

8/31/2007

Cessna 177RG

N51386

Tach: 2588.7

Replaced beacon light bulb. Replaced RH brake line at caliper. Bled brake. -----END-----



Michael Riter  
A&P 549753913

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

6/9/2008 Cessna 177RG

N51386

Tach: 2628.2

Replaced LMG tire with new. Replaced high voltage indicator light. ----- END -----



B.A. Paholke  
A&P 468781561

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

7/24/2008

Cessna 177RG

N51386

Tach: 2647.2

Replaced mixture cable. Replaced taxi light bulb. -----END-----



Michael Riter  
A&P 549753913

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

8/6/2008

Cessna 177RG

N51386

Tach: 2654.1

Replaced one cowl mount. Replaced taxi light bulb. Replaced #4 lower spark plug.  
-----END-----



Michael Riter  
A&P 549753913

chnician or Repair

**Pro-Flight Aviation, Inc.**

243 W. Perimeter Rd. Renton, WA 98055

9/4/2008

Cessna 177RG

N51386

Replaced LH brake pads. Bled brakes. -----END-----



Michael Riter  
A&P 549753913

hnician or Repair



# Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

3/23/2009 Cessna 177RG N51386 Tach: 2692.2 AFTT: 6295.9

Annual inspection completed this date. Replaced induction air filter, central vacuum filter and vacuum regulator filter. Lubed flight controls. Replaced ELT battery. Inspected ELT as per FAR 91.207(d) - batteries next due April 2011. Replaced #1 exhaust riser. Repaired engine baffle by riveted patch. Replaced LMG brake disk. Adjusted flap cable tensions. All applicable A.D.'s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy.

END



Michael Riter  
IA 549753913

Technician or Repair

YEAR:

RECORDING | TODAY'S | TOTAL

Description of Inspections, Tests, Repairs and Alterations

DATE

American Avionics 7023 Perimeter Rd. Seattle, Wa 98108

N 51386

CERTIFIED AIRWORTHY

As required by FAR 91.411 and 91.413

Performed in accordance with FAR Part 43 appendices "E" and "F".

Altimeter to 2000 Ft.

Altitude Reporting Test

Static System Test

Integrated System Test

ATC Transponder Test

W/O 62207

Date 3-11-2010

Signed  Inspector CRS# 1AMR980Y

and Certificate Number of Technician or Repair  
ries.)









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

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

9/3/2012      Cessna C-177RG      N51386      Tach:0021.4

Replaced RH main tire w/ new Air Trac 15 X 6.00-6.--- END ---

*C.D. Edwards*

Chris Edwards  
AP 3461422

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. Renton, WA 98057

November 14, 2012      Cessna C-177RG      N51386      071.8 Tach      6570.8 ACTT

Replaced dual warning control unit (gear/stall) with new Cessna p/n 1270733-1. Repaired associated wiring as needed. Function test of landing gear and stall warning systems all normal. -END-

*C.D. Edwards*

Chris Edwards  
A&P 3461422

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

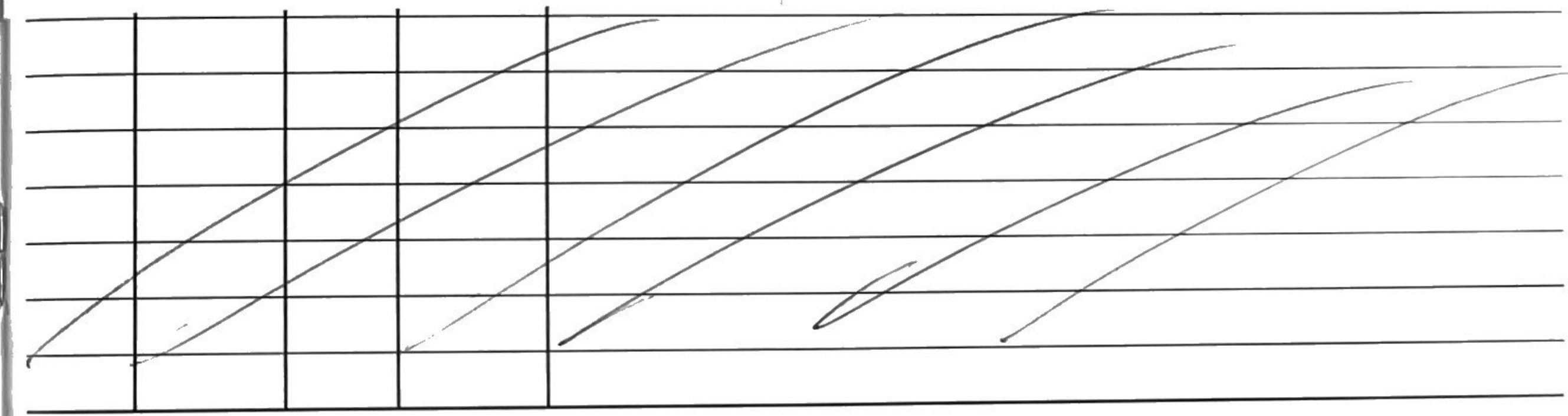
Technician or Repair

11/30/2012      Cessna C-177RG      N51386      Tach:0081.0

Rigged landing gear warning throttle switch to close at approx 12" MAP.----- END -----

*Levi Lowe*

Levi Lowe  
A&P 3503376



| YEAR: | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair |
|-------|---------------------|----------------|-----------------------|---|
|-------|---------------------|----------------|-----------------------|---|

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. Renton, WA 98057

**January 9, 2013 Cessna 177RG N51386 092.2 Tach 6591.2 ACTT**

RH door hinge area repaired as follows: \*Replaced RH fuselage skin FS54.0 to FS75 with new 2024-T3 .025"T Alclad skin, locally fabricated to match original. \*Repaired RH fuselage forward door post at lower hinge point by installation of internal doubler on outboard flange and supplemental external doubler in conjunction with skin replacement. \*Replaced RH door upper and lower hinges with used serviceable part (same part # as original). \*Replaced RH door at door stop attach area by installation of external doubler plate and local fabrication/installation of stiffeners to match original. Replaced door stop bracket assembly with serviceable unit. \* All repairs accomplished in accordance with AC43.13-1B Chapter 4, Section 4. Reinstalled door with new hinge pins and verified correct function of latching mechanisms. -END-

*Chris Edwards*  
Chris Edwards  
A&P 3461422

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

in or Repair

2/13/2013 Cessna 177RG N51386 Tach:108.5 AFTT:6607.5

100 hour inspection completed. Lubed flight controls. Replaced induction air and vacuum regulator filters. Replaced RH brake pads. Resealed RH brake caliper. Replaced landing light with new. Replaced LH outboard seat rail with new p/n MC2011015-5. ELT battery due July 2014. All applicable A.D.s complied with – see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and was found to be airworthy. --END--

*R. Haley*  
Russell Haley  
A&P 3552852

|         |       |  |  |   |
|---------|-------|--|--|---|
| 2/13/13 | 108.5 |  |  | I CERTIFY THAT THIS A/C HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY - END -<br>B A Pchelle A&P 468781861 IA |
|---------|-------|--|--|---|

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

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

8/26/13 Cessna C-177RG N51386 Tach:0166.0

Replaced Aux Fuel Pump with new unit (Weldon p/n 18000-A s/n 163964). Function and leak checks performed.....OK. -END-

*Chris Edwards*

Chris Edwards  
AP3461422

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

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

9/03/13 Cessna 177RG N51386 0170.1 Tach

Replaced LH main tire and tube w/new AirTrac 15x6:00-6 and Goodyear G15x6:00-6 tube. Replaced inner bearing race w/new. Replaced LH brake linings w/new. Performed landing gear cycle test....all functions and indications normal. -END-

*Chris Edwards*

Chris Edwards  
A&P 3461422

| YEAR: | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN | Description of Inspections, Tests, Repairs and Alterations   |
|-------|---------------------|----------------|---------------|--|
|       |                     |                |               | <b>Pro-Flight Aviation, Inc.</b><br>750 W. Perimeter Rd. #1 Renton, WA 98057   |
|       | 10/03/13            | Cessna C-177RG | N51386        | Tach: <u>0185.1</u>  |
|       |                     |                |               | Replaced Aux Fuel Pump with new unit (Weldon p/n 18000-A s/n 165102). Function and leak checks performed.....OK. -END- |
|       |                     |                |               | <i>Chris Edwards</i><br>Chris Edwards<br>AP3461422   |
|       |                     |                |               | <b>Pro-Flight Aviation, Inc.</b><br>750 W. Perimeter Rd. #1 Renton, WA 98057   |
|       | 10/09/13            | Cessna C-177RG | N51386        | Tach: <u>0185.6</u>  |
|       |                     |                |               | Replaced nose tire w/ new Air Trac 5:00x5 6 Ply (tube inspected and reused). .--- END ---                              |
|       |                     |                |               | <i>Chris Edwards</i><br>Chris Edwards<br>AP 3461422  |

| YEAR: | RECORDING TACH TIME | TODAY'S FLIGHT | TOTAL TIME IN SERVICE | Description of Inspections, Tests, Repairs and Alterations  |
|-------|---------------------|----------------|-----------------------|---|
|       |                     |                |                       | <b>Pro-Flight Aviation, Inc.</b><br>750 W. Perimeter Rd. Renton, WA 98057                             |
|       | January 20, 2014    | Cessna 177RG   | N51386                | <u>0198.7 Tach</u>  |
|       |                     |                |                       | Ships battery replaced with new G-35. -END-   |
|       |                     |                |                       | <i>Chris Edwards</i><br>Chris Edwards<br>A&P 3461422  |
|       |                     |                |                       | <b>Pro-Flight Aviation, Inc.</b><br>750 W. Perimeter Rd. Renton, WA 98057                             |
|       | 1/27/2014           | Cessna 177RG   | N51386                | Tach: <u>0199.3</u>   |
|       |                     |                |                       | Performed multiple gear swings. Adjusted main gear "up" reed switch body. All functions normal. -END- |
|       |                     |                |                       | <i>Levi Lowe</i><br>Levi Lowe<br>A&P 3503376  |







YEAR: \_\_\_\_\_  
 RECORDING: \_\_\_\_\_  
 DATE: \_\_\_\_\_

# Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. #1 Renton, WA 98057

Cessna C-177RG

N51386

Tach: 349.7

6/5/2015

Replaced RHMG inner tube with new. Replaced RH brake pads with new. --- END ---

*Russell Haley*  
 Russell Haley  
 A&P3552856

**LV** 07 13

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 570/3

9903



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|--------------------|--------------|
| ORDER NUMBER       | LOCATION     |
| 128794             | 026.RR.11.04 |
| PART NUMBER        | QUANTITY     |
| 78742              | 1            |
| DESCRIPTION        |              |
| PIPE-INTAKE-CYL #2 | EA           |
| CURE DATE          | EXP DATE     |

**LYCOMING** 07 13

652 Oliver Str  
 Williamsport,  
 570/323-6181

9903



|                    |              |
|--------------------|--------------|
| ORDER NUMBER       | LOCATION     |
| 128794             | 026.RR.11.04 |
| PART NUMBER        | QUANTITY     |
| 78744              | 1            |
| DESCRIPTION        |              |
| PIPE-INTAKE-CYL #4 | EA           |
| CURE DATE          | EXP DATE     |

Repair

YEAR: \_\_\_\_\_

DATE: \_\_\_\_\_

10/12/2015

Cessna 177R

Annual inspection completed 3/2016. Replaced induction tie-down ring and retainer/su aileron cable rigging. Fit and fabricated and installed new Replaced 3ea cowl Lord mo Centered turn coordinator. A that this aircraft has been ins airworthy. --END--

*B.A. Paholke*  
 B.A. Paholke  
 A&P 468781561 IA

750

2012118-1

QTY: 00001  
 U/M: EA

|  |                 |  |                 |                                    |                          |
|--|-----------------|--|-----------------|------------------------------------|--------------------------|
| 1. Approving National Aviation Authority/Country:  |                 | 2. AUTHORIZED RELEASE CERTIFICATE<br>FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG |                 | 3. Form Tracking Number<br>1266203 |                          |
| 4. ORGANIZATION<br>FAA/UNITED STATES<br>Cessna Aircraft Company<br>Cessna Parts Distribution Dept. 702<br>5800 E Pawnee, Wichita, KS 67218   |                 | 5. Work Order/Contract/Invoice Number<br>615767                                  |                 |                                    |                          |
| 6. Item:   | 7. Description: | 8. Part Number:  | 9. Eligibility: | 10. Quantity:                      | 11. Serial/Batch Number: |
| 7  | RETAINER        | 2012118-1  | 177             | 00001                              | N/A                      |
| 12. Status/Work: New   |                 |  |                 |                                    |                          |
| 13. Remarks:<br>AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.<br><br>PO# 1499   |                 |  |                 |                                    |                          |
| 14. Certifies the items identified above were manufactured in conformity to:<br><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 13.  |                 |  |                 |                                    |                          |
| 15. Authorized Signature:<br><i>B.A. Paholke</i>   |                 | 16. Approval/Authorization No.:<br>100129CE                                      |                 | 20. Authorized Signature:          |                          |
| 17. Name (Typed or Printed):<br>KENNETH E. WYSOCKI SR., ODARF  |                 | 18. Date (m/d/y):<br>MAY/17/2006   |                 | 21. Approval/Certificate No.:      |                          |
| 22. Name (Typed or Printed):   |                 | 23. Date (m/d/y):  |                 |                                    |                          |
| User/Installer Responsibilities<br>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. |                 |  |                 |                                    |                          |
| FAA Form 8130-3 (6-01)   |                 | Installer must cross-check eligibility with applicable technical data            |                 | NSN 0052-00                        |                          |

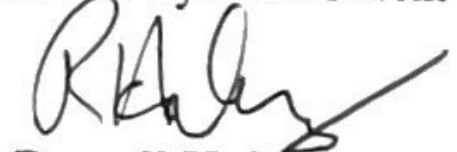
YE  
DA

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

ian or Repair

3/31/2016 Cessna C-177RG N51386 Tach:452.0

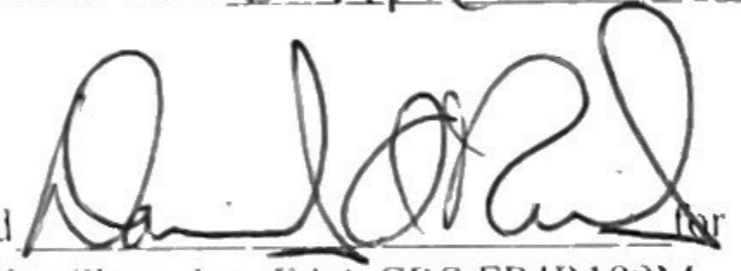
Replaced ELT battery with new. Battery due 3/2018. Tested IAW FAR 91.207d. Serviced brake master cylinders with 5606 hydraulic fluid. ----- END -----

  
Russell Haley  
A&P 3552852

I certify the transponder model #~~(X)~~: RT359A have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter~~(X)~~ and static system~~(X)~~ have been tested to 20,000 and found to meet the requirements of FAR 91.411 and FAR 43 appendix E on this date: 05 APR 2016

Altimeter Qty: 1  
Encoder Qty: 1

N 51386

Signed   
Avionics Shop, Inc. FAA CRS FP4R188M  
Tacoma Narrows Airport, Gig Harbor WA 98335

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**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

ian or Repair

YE  
DA

4/7/2016 Cessna C-177RG N51386 Tach:454.5


Replaced voltage regulator with new VR600. ----- END -----

  
Levi Lowe  
A&P 3503376

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

4/29/2016 Cessna 177RG N51386 Tach:464.3

Installed starter, p/n MZ4222, s/n H-0101809. Installed alternator p/n DOFF 10300J, s/n H-0081049. Operational check OK --END--

  
B.A. Paholke  
A&P 468781561

| YEAR:<br><u>2016</u> | RECORDING<br>TACH<br>TIME | TODAY'S<br>FLIGHT           | TOTAL<br>TIME IN<br>SERVICE | Description of Inspections, Tests, Repairs and Alterations<br>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.) |
|----------------------|---------------------------|-----------------------------|-----------------------------|--|
| DATE                 |                           |                             |                             |  |
| <u>7/14</u>          | <u>494.5</u>              | <u>REPLACED LANDING LT.</u> |                             | <u>CLEANED STALL SWITCH TERMINALS. A&amp;P 3503376 Levi Lowe</u>   |

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. Renton, WA 98057

8/12/2016 Cessna 177RG N51386 Tach:497.0 AFTT:6996.0

Annual inspection completed this date. Tested and inspected ELT IWA 91.207 (d). Batteries next due: 3/2018. Replaced induction air and vacuum regulator filter. Lubed flight controls. Resealed RH brake caliper and bled brake. Replaced RH brake disk with new. Replaced forward nose gear door grommet and turnbuckle clevis (MS21253-3RS). Adjusted rigging on all nose gear doors. Replaced aft trim tab rod end. Install radio master circuit breaker switch in instrument panel. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*B.A. Paholke*  
B.A. Paholke  
A&P 468781561 IA

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. Renton, WA 98057

9/21/2016 Cessna C-177RG N51386 Tach:503.9

Replaced ring terminal on flap follow-up switch. Flap function - OK. ----- END -----

*Levi Lowe*  
Levi Lowe  
A&P 3503376

**Pro-Flight Aviation, Inc.**  
750 W. Perimeter Rd. #1 Renton, WA 98057

10/21/2016 Cessna C-177RG N51386 Tach:506.9

Resealed RH gear leg retainer pin, plug, and plug fitting. Fabricated and installed new rigid brake line, RH gear leg internal. Bled RH brake. Operational and leak check OK. ----- END -----

*Russell Haley*  
Russell Haley  
A&P 3552852

Technician or Repair



**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

8/3/2017

Cessna

C-177RG

N51386

Tach:533.8

Replaced post/flood light dimming transistor. Repaired VOR/LOC wiring at antenna base.

-----END-----

*Levi Lowe*  
Levi Lowe  
A&P 3503376

*[Large handwritten signature]*

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

YE

DA

9/29/2017

Cessna 177RG N51386

Tach:556.3

AFTT:7055.3

Annual inspection completed this date. Tested and inspected ELT IWA 91.207 (d). Batteries next due: 3/2018. Replaced induction air and vacuum regulator filter. Routine servicing and lubrication completed. Replace both MLG tires with new (Airhawk 15X6.00-6 6pr). Replaced LMG OTBD wheel bearing and RMG INBD wheel bearing & race. Exhaust system removed and reinstalled after inspection/repair/replacement by Aerospace Welding (job# 98653, both mufflers new). Replaced lea cowl mount and glare shield bulbs as needed. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*Levi Lowe*  
Levi Lowe  
IA 3503376

*[Handwritten signature]*

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335  
 LOG ID# 889 22-August-2018 WO# 15904 REF# 15904  
 N51386 S/N 177RG1138 CESSNA 177RG TACH 560.6 Pg 1 / 2

ASSISTED IN THE INSTALLATION OF THE FOLLOWING EQUIPMENT: GARMIN GMA342 AUDIO PANEL, GNS650 GPS/COM/NAV, DUAL G5 INDICATORS, GTX335 ADS-B OUT TRANSPONDER AND A GARMIN ENCODER. SYSTEMS WERE INSTALLED IN ACCORDANCE WITH FACTORY INSTALLATION INSTRUCTIONS, ADVISORY CIRCULARS, AND COMMON AVIONICS INDUSTRY PRACTISE, INTERFACED INTO AIRCRAFT WIRING AS NEEDED, AND PROGRAMMED AS REQUIRED. ELECTRICAL LOAD ANALYSIS WAS PERFORMED AND RESULTS FOUND SATISFACTORY. THIS INSTALLATION DETERMINED TO BE A MINOR ALTERATION EXCEPT FOR THE UNITS LISTED BELOW AND FAA FORM 337'S DATED 22AUG2018 FILED AS PER BELOW:

1. INSTALLED DUAL GARMIN G5 ELECTRONIC FLIGHT INSTRUMENT - ATTITUDE INDICATOR AND HSI IN ACCORDANCE WITH STC# SA01818WI, AND GARMIN G5 INSTALLATION MANUAL P/N: 190-01112-10 REV 14 DATED 06JULY2018, AND WITH REFERENCE TO AC43.13-1B CHAPTERS 10, 11, 12; AC43.13-2A CHAPTERS 2 & 3. VERIFIED THIS AIRCRAFT AND ALL INTERFACED EQUIPMENT ARE COVERED UNDER THE STC AML, AND INSTALLATION MANUAL. PROGRAMMED UNIT AS REQUIRED FOR PROPER OPERATION. INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ENTERED INTO AIRCRAFT PAPERWORK. INSERTED FAA APPROVED FLIGHT MANUAL SUPPLEMENT P/N 190-01112-13 REV 5, DATED 20DEC2017 INTO P.O.H.


2. INSTALLED IN AIRCRAFT, A GARMIN GTN650 IN ACCORDANCE WITH STC # SA02019SE-D. INTERFACED AND PROGRAMMED THE GTN650 INTO THE AIRCRAFT WIRING AS PER THE INSTALLATION MANUAL P/N 190-01007-A3 REV 11, DATED OCT2017, WHICH IS PART OF THE APPROVED DATA. INSTALLED INTO P.O.H., THE FAA APPROVED FLIGHT MANUAL SUPPLEMENT P/N: 190-01007-A2 REV 7 DATED 02NOV2017. INSERTED INTO THE AIRCRAFT DOCUMENTATION, INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR THE GTN650. A PLACARD WAS INSTALLED ON THE INSTRUMENT PANEL READING "GPS APPROVED FOR IFR NAVIGATION".

3. INSTALLED IN AIRCRAFT, A GARMIN GTX335 TRANSPONDER WITH ADS-B OUT SYSTEM IN ACCORDANCE WITH STC #

AVIONICS SHOP, INC. TACOMA NARROWS AIRPORT 1026 26TH AVE NW STE A GIG HARBOR, WA 98335  
 LOG ID# 889 22-August-2018 WO# 15904 REF# 15904  
 N51386 S/N 177RG1138 CESSNA 177RG TACH 560.6 Pg 2 / 2

SA01714WI. INTERFACED AND PROGRAMMED THE GTX335 INTO THE AIRCRAFT WIRING AS PER THE INSTALLATION MANUAL P/N 190-00734-10 REV 10 DATED 30MAR2018, WHICH IS PART OF THE APPROVED DATA. INSTALLED INTO P.O.H., THE FAA APPROVED FLIGHT MANUAL SUPPLEMENT P/N: 190-00734-15 REV 3 DATED 21DEC2017. INSERTED INTO THE AIRCRAFT DOCUMENTATION, COPIES OF THE APPROVED INSTRUCTIONS FOR CONTINUED AIRWORTHINESS FOR THE GTX335.

"INSTRUCTIONS FOR CONTINUED AIRWORTHINESS" FOR UNITS INSTALLED INSERTED INTO AIRCRAFT LOGFILES. WEIGHT/BALANCE AND EQUIPMENT LIST UPDATED BY PROFLIGHT AVIATION. FAR 911.411 AND 91.413 SYSTEM CHECKS WERE PERFORMED AND RECORDED ON A SEPERATE STICKER. END.

  
 FP4R188M DANIEL A NEIL

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I certify the transponder model # GTX335 have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter(s) and static system(s) have been tested to 20,000 and found to meet the requirements of FAR 91.411 and FAR 43 appendix E on this date: 22 AUG 2018

Altimeter Qty: 3  
 Encoder Qty: 1

N 51386

Signed  for  
 Avionics Shop, Inc. FAA CRS FP4R188M  
 Tacoma Narrows Airport, Gig Harbor WA 98335



**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

11/01/2019 Cessna 177RG N51386 Tach:606.1 AFTT:7105.1

Annual inspection completed this date. Tested and inspected ELT IWA 91.207 (d). ELT batteries next due 10/2020. Replaced induction air filter. Replaced 1 LH lower cowl lord mount. Replaced all brake pads with new. Serviced NG OLEO with 5606 hydraulic fluid and compressed air. Fabricated and installed rigid brake line @ RH caliper. Replaced OB MG bearings and races with new RH and LH. All applicable A.D.s complied with – see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*R. Haley*  
Russell Haley  
IA 3552852

Equipment  
Equipment  
-Exchanged for Optional  
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- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional
- Addition of Optional Equipment
- Removal of Optional Equipment
- Addition of Required-Exchanged for Optional
- Removal of Required-Exchanged for Optional

YEAR:

DATE

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

11/12/2019 Cessna C-177RG N51386 Tach:608.4

Resealed and serviced shimmy dampener. Replaced NG tire with retreaded tire and new inner tube. Balanced NG wheel. ----- END -----

*R. Haley*  
Russell Haley  
A&P 3552852

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

04/03/2020 Cessna 177RG N51386 TACH: 618.6

Replaced 12-volt G-35 battery with new. Serviced with 3 quarts of electrolyte & charged IAW Gill installation instructions. ---END---

R. J. McLaughlin  
A&P 4260730

Optional  
Optional

Optional  
Optional

Optional  
Optional

Optional  
Optional

Optional  
Optional

Optional  
Optional

YEAR

DATE

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

4/24/2020 Cessna C-177RG N51386 Tach:626.7

Replaced NG warning proximity switch with new. Set NG over-center rigging. Operational checks OK. ----- END -----

*R. Haley*  
Russell Haley  
A&P 3552852

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

06/26/2020 Cessna 177RG N51386 TACH: 635.8

Replaced dual rocker switch for landing/taxi lights with new unit. Operational check found OK. -END-

*R. J. McLaughlin*  
R. J. McLaughlin  
A&P 4260730

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

12/28/2020 Cessna 177RG N51386 Tach:668.3 AFTT:7167.3

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d) Batteries next replaced – next due 12/2022. Lubed flight controls. Replaced induction air and vacuum regulator filters. Resealed NLG shock strut and serviced with mil-h-5606 and air. Resealed RH brake caliper and bled RH brake system. Resecured baffle seal as needed. Reglued stabilator abrasion boot as needed. Removed unused ADF antenna on belly. Removed and treated corrosion as needed and installed riveted patch. Replaced broken static wicks on rudder, RH stabilator, and LH trim tab. Complied with SEL-57-07 by inspection of carry-thru spar – see eddy current report from Mistras Services, report #44076, dated 12/14/2020. All applicable A.D.s complied with – see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*B.A. Paholke*  
B.A. Paholke  
IA 468781561

Notes

Notes

I certify the transponder model #~~(X)~~: GTx335 have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter(s) and static system~~(s)~~ have been tested to 20,000' and found to meet the requirements of FAR 91.411 and FAR 43 appendix E on this date: 08 JAN 2021

Altimeter Qty: 3

Encoder Qty: 1

N 51386

Signed [Signature]  
Avionics Shop, Inc. FAA CRS FP4R188M  
Tacoma Narrows Airport, Gig Harbor WA 98335

**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. #1 Renton, WA 98057

2/26/2021

Cessna

C-177RG

N51386

Tach: 678.3

Replaced beacon lamp with new. ----- END -----

[Signature]  
Russell Haley  
A&P 3552852

CLOSED